



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
DNR210031

PAGE
1

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

VENDOR

*702142549 304-428-3000
 DAVIS ATHLETICS LLC
 2325 LIBERTY ST

 PARKERSBURG WV 26101

SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/03/2009				

BID OPENING DATE: **10/06/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		\$69,518 ⁸⁸
PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK REQUEST FOR QUOTATION (RFQ) THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FROM RESPONSIBLE VENDORS FOR NEW PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK PER THE ATTACHED SPECIFICATIONS. TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 09/15/2009 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED. QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT A BID TO THE STATE OF WEST VIRGINIA ARE NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING AND IN ANY FORMAT. BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER						

RECEIVED
 2009 DEC -1 A 10:50
 PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>Fred Davis</i>	TELEPHONE 304-428-3000	DATE 11-30-2009
TITLE Owner/Manager	FEIN 41-2171922	ADDRESS CHANGES TO BE NOTED ABOVE

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



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<p>ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: KRISTA FERRELL-FILE 21</p> <p>RFQ. NO.: DNR210031</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Med Davis</i>	TELEPHONE 304-428-3000	DATE 11-30-2009
TITLE Owner/Manager FEIN 41-2171922	ADDRESS CHANGES TO BE NOTED ABOVE	

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 *702142549 304-428-3000
DAVIS ATHLETICS LLC
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PARKERSBURG WV 26101

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 DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
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BID OPENING DATE: **10/06/2009** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING DATE: 10/06/2009 BID OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <u>304-428-3002</u> ----- CONTACT PERSON (PLEASE PRINT CLEARLY): <u>Fred or John Davis</u> ----- ***** THIS IS THE END OF RFQ DNR210031 ***** TOTAL: <u>\$69,518⁸⁸</u>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE Fred Davis TELEPHONE 304-428-3000 DATE 11-30-2009
 TITLE Owner/Manager FEIN 41-2171922 ADDRESS CHANGES TO BE NOTED ABOVE

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

WVDNR210031
Cedar Creek State Park
Playground Equipment

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

BATHHOUSE #1 AREA PLAYGROUND

Henderson custom play structure, Model #PF09679RO, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- Ten (10) Henderson PF post caps or equal.
- Two (2) Henderson 101" PF post with aluminum cap or equal.
- Two (2) Henderson 126" P4 post with aluminum cap or equal.
- Two (2) Henderson 129" P4 post with aluminum cap or equal.
- Three (3) Henderson 132" P4 post with aluminum cap or equal.
- One (1) Henderson 147" P4 post with aluminum cap or equal.
- One (1) Henderson spacewalk or equal. Spacewalk must be a minimum of 4' in length and constructed of galvanized steel tube and Allied Flo-Coat, or equal.
- One (1) Henderson accessible step deck or equal. Step deck must be a minimum of 32" in height and constructed of a minimum 10 gauge steel, or equal.
- One (1) Henderson grab bars (transfer point) or equal. Grab bars must be constructed of galvanized steel.
- One (1) Henderson 90° loop challenge or equal. Loop challenge must be constructed of galvanized steel tube and have an Allied Flo-Coat finish or equal.
- One (1) Henderson jump! Panel or equal.
- One (1) Henderson accessible step up or equal. Step up must be a minimum of 12" in height.
- One (1) Henderson rock wall climber or equal. Climber must be a minimum of 4' in height.
- One (1) Henderson double scoop slide complete with hood or equal. Slide must be a minimum of 4' in height. Slide must be constructed of a minimum of 10 gauge steel.

WVDNR210031
Cedar Creek State Park
Playground Equipment

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LAUNDRY/BATHHOUSE AREA PLAYGROUND

Henderson custom play structure, Model #PF09680R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- One (1) Henderson PF post cap or equal.
- One (1) Henderson 78" P4 post with aluminum cap or equal.
- One (1) Henderson maze wheel or equal.
- Eleven (11) PF post caps or equal.
- Two (2) 126" P4 post with aluminum cap or equal.
- Two (2) 135" P4 post with aluminum cap or equal.
- One (1) 141" P4 post with aluminum cap or equal.
- Three (3) 150" P4 post with aluminum cap or equal.
- Two (2) 156" P4 post with aluminum cap or equal.
- One (1) 104" P4 post with aluminum cap or equal.
- One (1) Henderson rappel wall or equal. Wall must be a minimum of 6' in height.
- One (1) Henderson racecar panel or equal.
- One (1) Henderson accessible trapeze beam or equal.
- One (1) Henderson right transfer station or equal. Transfer station must be a minimum of 4' in length.
- One (1) Henderson tower climber or equal. Climber must be a minimum of 4' in height.
- One (1) Henderson accessible step deck or equal. Step deck must be a minimum of 24" in height.
- One (1) Henderson pipe ladder or equal. Ladder must be a minimum of 6' in height.
- One (1) Henderson right stargate slide veer complete with hood or equal. Slide veer must be a minimum of 6' in height.

WVDNR210031
Cedar Creek State Park
Playground Equipment

BATHHOUSE #3 AREA PLAYGROUND

Henderson custom play structure, Model #PF09681R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- Twenty-one (21) Henderson PF post cap or equal.
- Two (2) Henderson 48" P4 post with flat welded cap or equal.
- Three (3) Henderson 108" P4 post with aluminum cap or equal.
- One (1) Henderson 150" P4 post with aluminum cap or equal.
- Two (2) Henderson 141" P4 post with aluminum cap or equal.
- Two (2) Henderson 138" P4 post with aluminum cap or equal.
- Four (4) Henderson 132" P4 post with aluminum cap or equal.
- One (1) Henderson 126" P4 post with aluminum cap or equal.
- Three (3) Henderson 114" P4 post with aluminum cap or equal.
- One (1) Henderson 104" P4 post with aluminum cap or equal.
- Two (2) Henderson 90" P4 post with aluminum cap or equal.
- One (1) Henderson 78" P4 post with aluminum cap or equal.
- One (1) Henderson 120" P4 post with aluminum cap or equal.
- One (1) Henderson rappel wall or equal. Wall must be minimum of 5' in height and constructed of high density polyethylene and galvanized steel tubing, or equal.
- One (1) Henderson cobra climber 4' deck to deck or equal.
- One (1) Henderson maze wheel or equal.
- One (1) Henderson accessible trapeze beam or equal.
- One (1) Henderson jump! panel or equal.
- One (1) Henderson twin track ride or equal.
- One (1) Henderson 270° loop challenge or equal.
- One (1) Henderson tidal wave link or equal.
- One (1) Henderson deck ladder or equal. Ladder must be a minimum of 3' in height.
- One (1) Henderson spacewalk or equal. Spacewalk must be a minimum of 4' in length.
- One (1) Henderson bubble climber or equal. Climber must be constructed of galvanized steel, or equal.
- One (1) Henderson left transfer station or equal. Station must be a minimum of 3' in length.
- One (1) Henderson slide pole or equal. Pole must be a minimum of 4' in height.
- One (1) Henderson rock wall climber or equal. Climber must be a minimum of 5' in height.
- One (1) Henderson double dare slide complete with hood or equal. Slide must be a minimum of 5' in height.
- One (1) Henderson playseat or equal. Playseat must be constructed of galvanized steel, or equal.

WVDNR210031
Cedar Creek State Park
Playground Equipment

ONE ROOM SCHOOL AREA PLAYGROUND

Henderson custom play structure, Model #PF09682R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- Thirty-five (35) Henderson PF post cap or equal.
- One (1) Henderson 104" P4 post with no cap or equal.
- Six (6) Henderson 48" P4 post with flat welded cap or equal.
- Four (4) Henderson 126" P4 post with aluminum cap or equal.
- Two (2) Henderson 168" P4 post with aluminum cap or equal.
- Two (2) Henderson 162" P4 post with aluminum cap or equal.
- Three (3) Henderson 153" P4 post with aluminum cap or equal.
- Four (4) Henderson 150" P4 post with aluminum cap or equal.
- Two (2) Henderson 135" P4 post with aluminum cap or equal.
- Two (2) Henderson 129" P4 post with aluminum cap or equal.
- Six (6) Henderson 120" P4 post with aluminum cap or equal.
- Two (2) Henderson 114" P4 post with aluminum cap or equal.
- Two (2) Henderson 104" P4 post with aluminum cap or equal.
- Three (3) Henderson 90" P4 post with aluminum cap or equal.
- Three (3) Henderson 132" P4 post with aluminum cap or equal.
- One (1) Henderson, single cliffhanger or equal. Cliffhanger must be a minimum of 5' in height and be constructed of rotationally molded plastic and be color impregnated.
- One (1) Henderson incline connector or equal. Connector must be a minimum of 1' in height and constructed of galvanized steel.
- One (1) Henderson vertical rail or equal. Vertical rail must be constructed of galvanized steel tubing.
- One (1) Henderson playseat or equal. Playseat must be constructed of galvanized steel, or equal.
- One (1) Henderson stargate left slide turn complete with hood or equal. Slide must be a minimum of 7' in height.
- One (1) Henderson vertical rail or equal.
- One (1) Henderson maze wheel or equal.
- One (1) Henderson playseat or equal. Playseat must be constructed of galvanized steel, or equal.
- One (1) Henderson fredrock climber or equal. Climber must be a minimum of 4' in height and the wall must be constructed of rotationally-moulded medium- density polyethylene.
- One (1) Henderson accessible trapeze ring beam or equal. Ring beam must be constructed of galvanized steel tube. Rings must be made of galvanized steel tubing and powder coat painted, or equal.

WVDNR210031
Cedar Creek State Park
Playground Equipment

- One (1) Henderson twin track ride or equal. Track must be constructed of galvanized steel and the handles must be powder-coat painted.
- One (1) Henderson loop-to-loop or equal. Loop beam must be constructed of galvanized steel tube and powder-coat painted, or equal.
- One (1) Henderson jump! panel or equal.
- One (1) Henderson cobra link or equal. The cobra link consists of link safety hoops and guardrails.
- One (1) Henderson bubble climber or equal. Climber must consist of climber and safety hoop and must be constructed of galvanized steel, or equal.
- One (1) Henderson pipe ladder or equal. Ladder must be a minimum of 3' in height and constructed of galvanized steel tubing and powder coat painted, or equal.
- One (1) Henderson mineshaft link, or equal. Link must be a minimum of 3' in length.
- One (1) Henderson spacewalk or equal. Spacewalk must be a minimum of 3' in length and consist of frame and pods, or equal.
- One (1) Henderson accessible step deck or equal. Step deck must be a minimum of 12" in height and must consist of handrails and infills, or equal.
- One (1) Henderson double scoop slide complete with hood or equal. Slide must be a minimum of 4' in height and constructed of one-piece, double-wall, rotationally-moulded medium density polyethylene, or equal.
- One (1) Henderson tot arch bridge with protective barriers or equal. Tot bridge must be a mechanical assembly of frame, handrails, and deck cladding, or equal.
- One (1) Henderson left transfer station or equal. Transfer station must be a minimum of 4' in length.
- One (1) Henderson accessible step deck or equal. Step deck must be a minimum of 24" in height.
- One (1) Henderson triple slide complete with hood or equal. Slide must be a minimum of 6' in height and constructed of rotationally-moulded medium-density polyethylene, or equal.
- One (1) Henderson rappel wall or equal. Wall must be a minimum of 6' in height and consist of a mechanical assembly of wall, ground legs, and safety hoop with a powder coat finish, or equal.

Henderson 1-bay arch swing 8' complete with two (2) belt seats, Model #SW340, or equal. Arch swing must be a mechanical assembly of top bar, swing bearings, and end frames, or equal.

Henderson arch swing 8' extend a half bay complete with one (1) baby seat, Model #SW342, or equal.

WVDNR210031
Cedar Creek State Park
Playground Equipment

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ITEMS FOR ALL FOUR PLAYGROUNDS

Childforms funtimber with spike, Model #FTB-00002, or equal.

Childforms filler ends, Model #ADJ-00008, or equal.

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.

Engineered wood fiber @ 8inch compacted depth. Material must be recently harvested and debarked; free of chemical treatments and additives; free of soil, twigs, leaves and other contaminants.

WVDNR210031
Cedar Creek State Park
Playground Equipment

All playground and engineered wood fiber equipment 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.
- Compliance with Consumer Product Safety Improvement Act (CPSIA) Section 101 lead limits.

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.

All playground equipment must include tamper proof fasteners to prevent theft and destruction.

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

Cedar Creek 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.

Item No.	Equipment	Manufacturer	Model
1	Bathhouse # 1 Area Playground Henderson custom play structure, Model #PF09679R0, or equal.	Henderson	PF09679R0
2	Laundry/Bathhouse Area Playgrounds Henderson custom play structure, Model #PF09680R0, or equal.	Henderson	PF09680R0
3	Bathhouse #3 Area Playground Henderson custom play structure, Model #PF09681R0, or equal.	Henderson	PF09681R0
4	One Room School Area Playground Henderson custom play structure, Model #PF09682R0, or equal.	Henderson	PF09682R0
5	One Room School Area Playground Area Henderson 1- bay arch wing 8' complete with belt seats, Model #SW340, or equal.	Henderson	SW340
6	One Room School Area Playground Area Henderson arch swing 8' extend a half bay complete with baby seat, Model #SW342, or equal.	Henderson	SW342
7	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms funtamber with spike, Model #FTB-00002, or equal.	Childforms	FTB-00002

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
8	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms filter ends, Model #ADJ-00008, or equal.	Childforms	ADJ-00008
9	Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area geo-textile fabric, or equal.	Haessly Hardwood Lumber	Geo-Textile Fabric
10	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area engineered wood fiber @ 8" compacted depth.	Haessly Hardwood Lumber	Engineered Wood Fiber

Cedar Creek State Park Playground Equipment

PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	1	Bathhouse # 1 Area Playground Henderson custom play structure, Model #PF09679RO, or equal.	\$6,889¹⁵	\$6,889 ¹⁵
2	1	Laundry/Bathhouse Area Playgrounds Henderson custom play structure, Model #PF09680RO, or equal.	\$9,500⁹¹	\$9,500 ⁹¹
3	1	Bathhouse #3 Area Playground Henderson custom play structure, Model #PF09681RO, or equal.	\$13,985⁹⁴	\$13,985 ⁹⁴
4	1	One Room School Area Playground Henderson custom play structure, Model #PF09682RO, or equal.	\$28,978⁰⁰	\$28,978 ⁰⁰
5	1	One Room School Area Playground Area Henderson 1-bay arch wing 8' complete with belt seats, Model #SW340, or equal.	\$1,400⁰⁰	\$1,400 ⁰⁰
6	1	One Room School Area Playground Area Henderson arch swing 8' extend a half bay complete with baby seat, Model #SW342, or equal.	\$900⁰⁰	\$900 ⁰⁰
7	168	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms funtimber with spike, Model #FTB- 00002, or equal.	\$21⁵⁰	\$3,612 ⁰⁰
8	8	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms filter ends, Model #ADJ-00008, or equal.	\$21⁸⁸	\$175 ⁰⁰
9	6,985 square feet	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area geo-textile fabric or equal.	\$.14	\$977 ⁹⁰
10	6,985 square feet	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area engineered wood fiber @ 8" compacted depth.	\$.44379957	\$3,099 ⁹⁴
			TOTAL	\$69,518 ⁸⁸



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 804-558-2596**

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
THIS ADDENDUM IS ISSUED TO EXTEND THE BID OPENING DATE						
BID OPENING DATE IS EXTENDED TO: 10/15/2009						
BID OPENING TIME REMAINS: 1:30 PM						
0001	1	LS		650-38		
PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK						
***** THIS IS THE END OF RFQ DNR210031 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Arnd Davis</i>	TELEPHONE 304-428-3000	DATE 11-30-2009
TITLE Owner/Manager	FEIN 41-217922	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

INSTRUCTIONS TO BIDDERS

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



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

Request for Quotation

RFQ NUMBER
DNR210031

PAGE
1

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

*702142549 304-428-3000

VENDOR

DAVIS ATHLETICS LLC
 2325 LIBERTY ST
 PARKERSBURG WV 26101

SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/13/2009				
BID OPENING DATE: 10/20/2009		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2						
THIS ADDENDUM IS ISSUED TO:						
1.) ANSWER ALL TECHNICAL QUESTIONS SUBMITTED AND ACCEPTED IN ACCORDANCE WITH THE PROVISIONS OF THE ORIGINAL REQUEST FOR QUOTATION,						
2.) PROVIDE DRAWINGS FOR THE FOUR (4) PLAYGROUNDS						
3.) EXTEND THE BID OPENING DATE						
BID OPENING DATE IS EXTENDED TO: 10/22/2009						
BID OPENING TIME REMAINS: 1:30 PM						
***** END ADDENDUM NO. 1 *****						
0001	1	LS		650-38		
PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Arnel Davis</i>	304-428-3000	11-30-2009

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Owner/Manager	41-2171922	

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

Addendum No. 2
RFQ#: DNR210031
Technical Questions and Answers

1.) It appears these (drawings and specifications) were inadvertently omitted from DNR209122, will you please make sure this are attached in the addendum?

Answer: The RFQ number for this project is DNR210031. See attached drawings. Specifications remain as written.

2.) Are wood fiber, geo textile, and borders not part of the open end contract?

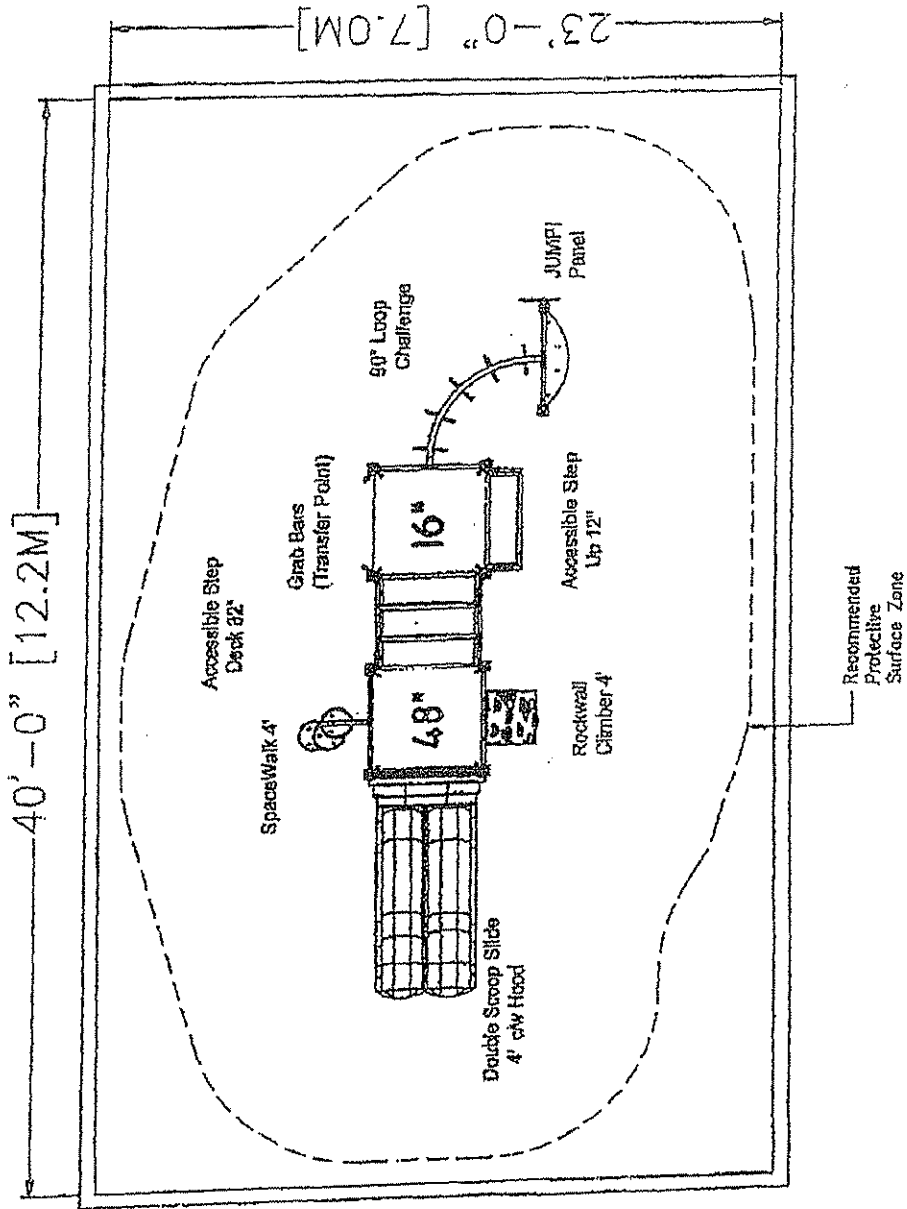
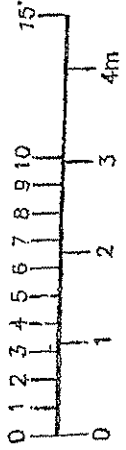
Answer: This is a fixed amount contract. All items requested as a part of the specifications and cost sheet must be submitted in the unit of measure requested with a unit cost.

Clarification to specifications:

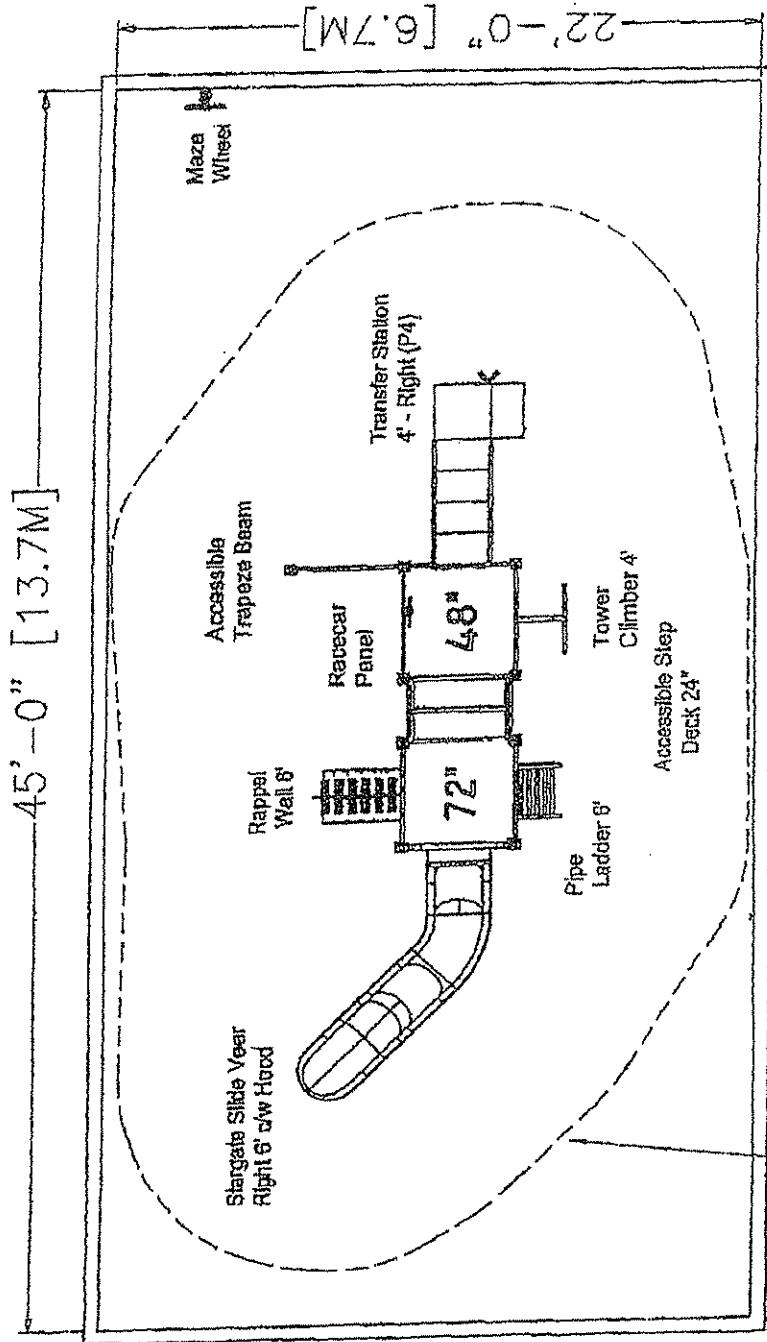
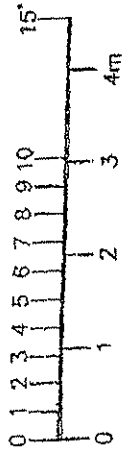
1.) Please add the following language:

“As the State of WV reserves the right to award this contract to multiple vendors, unit costs must be submitted for all line items listed. If there is no charge for a line item, the vendor must denote that no charge is applicable either in word or by placing \$0.00 in the space provided. Unit prices for all line items must be submitted in the unit of measure requested by the agency. Vendors must complete the costing sheet provided as a part of this addendum in lieu of submitting manufacturer’s quotes. Failure to provide unit prices, to provide unit prices in the given quantity of measure, to indicate no charge items, or to submit a manufacturer’s quote in lieu of the enclosed pricing sheets will result in the disqualification of the vendor’s bid. ”

BATHHOUSE #1 AREA PLAYGROUND



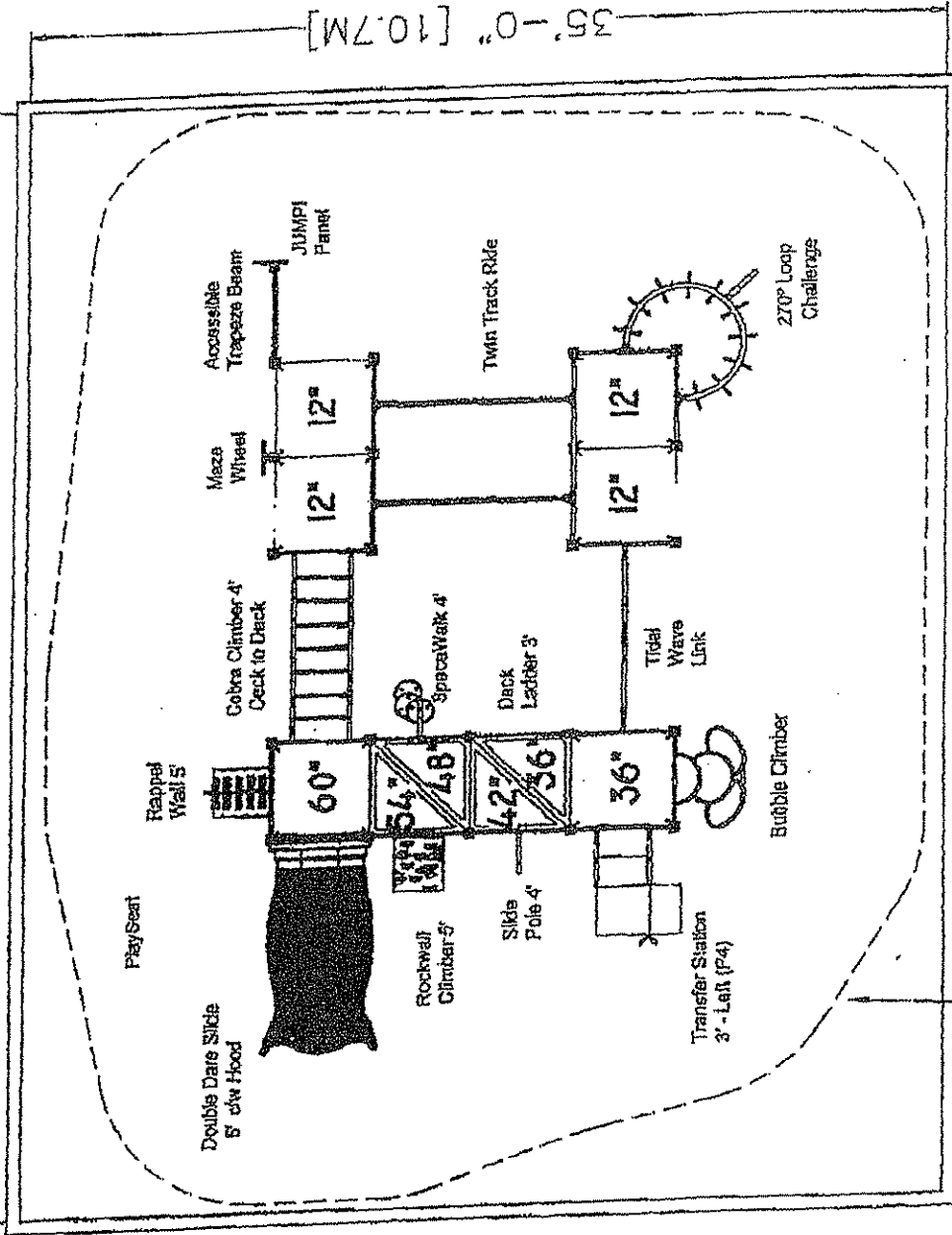
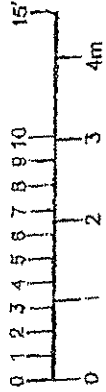
LAUNDRY BATHHOUSE AREA PLAYGROUND



BATHHOUSE #3 AREA PLAYGROUND

45'-0" [13.7M]

35'-0" [10.7M]

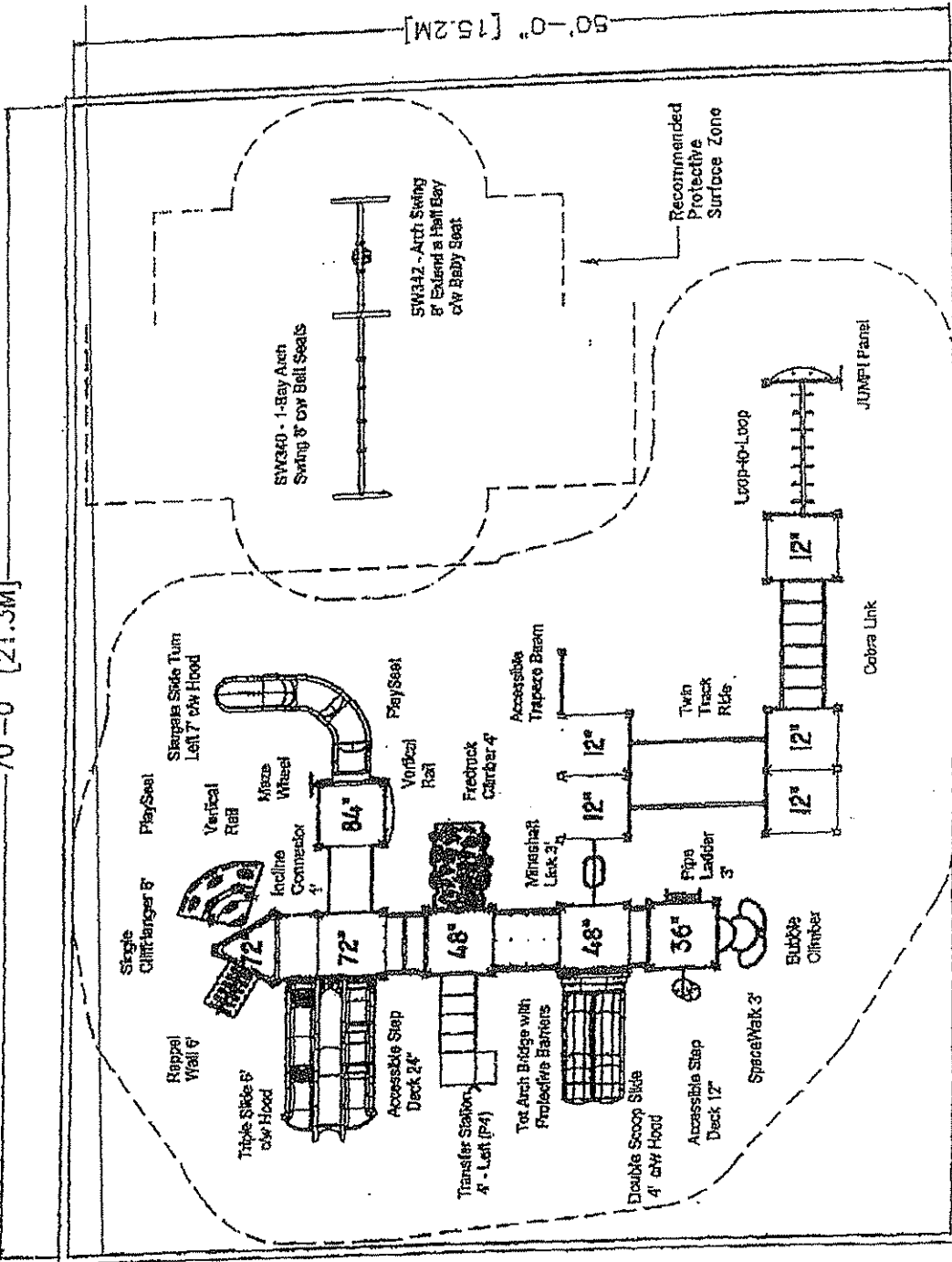
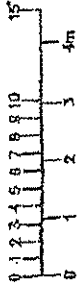


Recommended Protective Surface Zone

ONE ROOM SCHOOL AREA PLAYGROUND

70'-0" [21.3M]

90'-0" [27.4M]



3-20000000 RECORDER DRAWING NUMBER: P.0. BOX NO. 11. ALL RIGHTS RESERVED. UNLESS OTHERWISE NOTED, THIS DRAWING IS THE PROPERTY OF THE ARCHITECT. ALL RIGHTS RESERVED. THIS DRAWING IS NOT TO BE REPRODUCED IN ANY WAY WITHOUT PRIOR APPROVAL. 11/01/2009



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
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*702142549 304-428-3000

DAVIS ATHLETICS LLC
 2325 LIBERTY ST

PARKERSBURG WV 26101

VENDOR

SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/19/2009				

BID OPENING DATE: 10/29/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 3		
				THIS ADDENDUM IS ISSUED TO EXTEND THE BID OPEING DATE.		
				BID OPENING DATE IS EXTENDED TO: 10/29/2009		
				BID OPENING TIME REMAINS: 1:30 PM		
				***** END ADDENDUM NO. 3 *****		
0001	1	LS		650-38		
				PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK		
				***** THIS IS THE END OF RFQ DNR210031 ***** TOTAL:		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Ornel Davis* TELEPHONE 304-428-3000 DATE 11-30-09

TITLE Owner/Manager FEIN 41-2171922 ADDRESS CHANGES TO BE NOTED ABOVE

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



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
 DNR210031

PAGE
 1

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

RFQ COPY

TYPE NAME/ADDRESS HERE

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DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/28/2009				

BID OPENING DATE: 11/12/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 4						
THIS ADDENDUM IS ISSUED TO EXTEND THE BID OPENING DATE.						
BID OPENING DATE IS EXTENDED TO: 11/12/2009						
BID OPENING TIME REMAINS: 1:30 PM						
***** END ADDENDUM NO. 4 *****						
0001	1	LS		650-38		
PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK						
***** THIS IS THE END OF RFQ DNR210031 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Fred Davis</i>	TELEPHONE 304-428-3000	DATE 11-30-2009
TITLE Owner/Manager	FERN 41-2171922	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

INSTRUCTIONS TO BIDDERS

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



State of West Virginia
 Department of Administration
 Purchasing Division
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 CEDAR CREEK STATE PARK
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 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/09/2009				

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

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 5		
				TO CHANGE THE BID OPENING DATE FROM 11/12/09 TO 12/1/09 AT 1:30 PM.		
0001	1	LS		650-38		
				PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK		
***** THIS IS THE END OF RFQ DNR210031 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

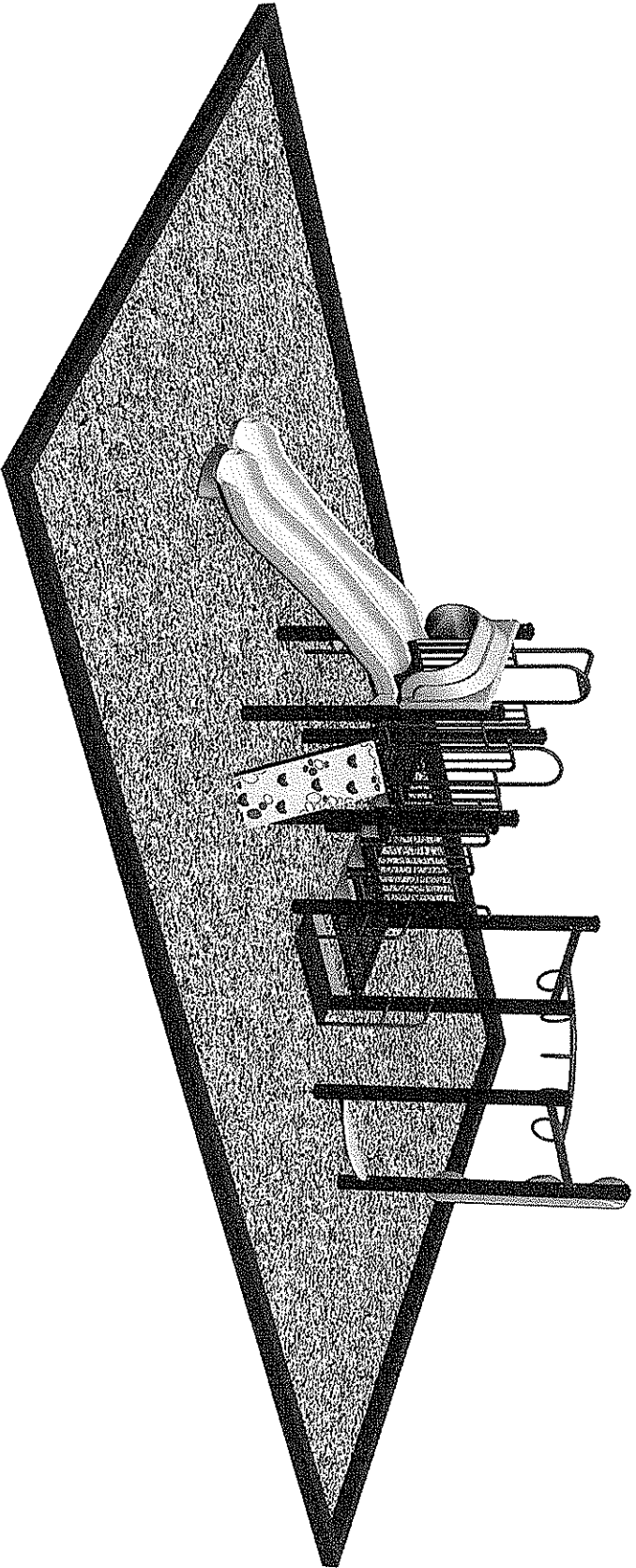
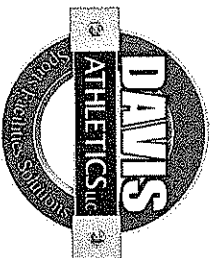
SIGNATURE <i>Arnel Davis</i>	TELEPHONE 304-428-3000	DATE 11-30-2009
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TITLE <i>Owner/Manager</i>	FEIN 41-2171922	ADDRESS CHANGES TO BE NOTED ABOVE
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WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

Cedar Creek West Virginia State Park - Area 1

Model No. PF09679R0



Powder-Coated Metal Colours



All colours shown here are approximations

HDPE Colours

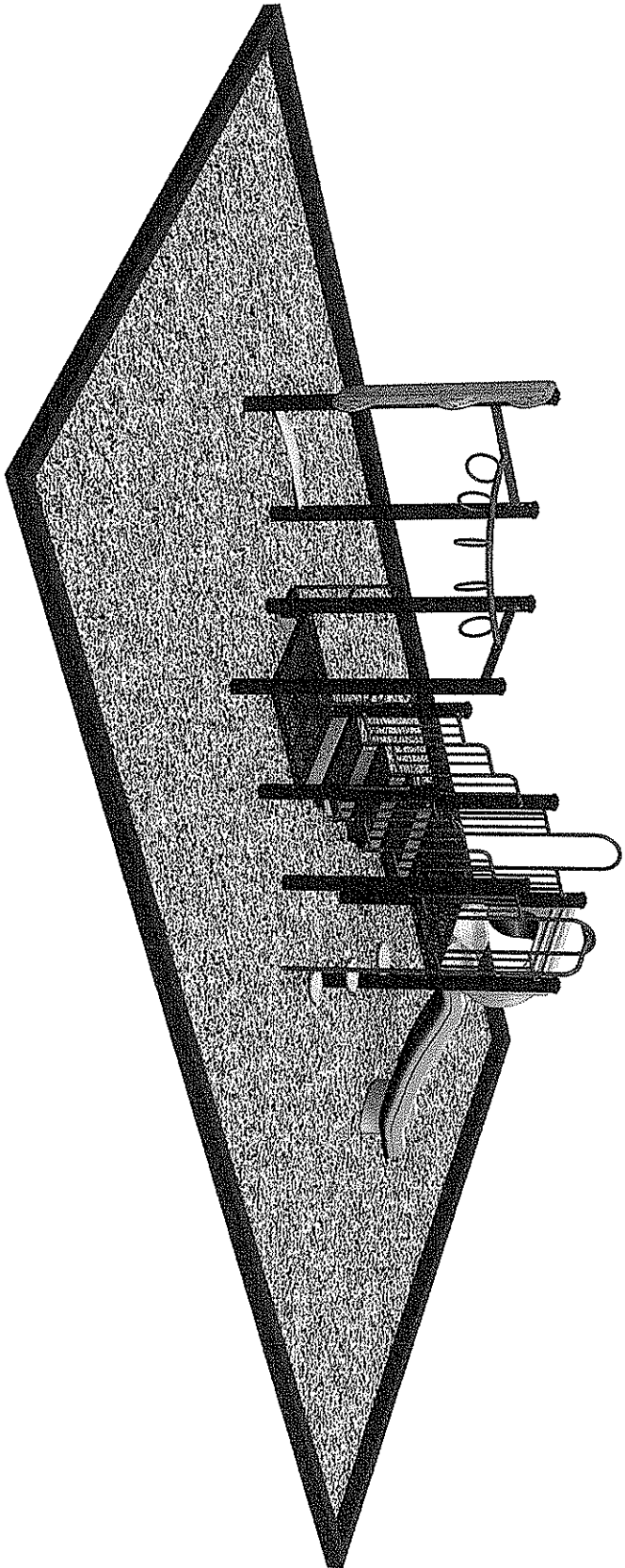
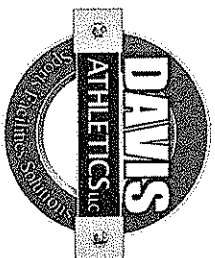


Roto-Molded Plastic Colours



Cedar Creek West Virginia State Park - Area 1

Model No. PF09679R0



- Powder-Coated Metal Colours**
- Red
 - Orange
 - Yellow
 - Light Green
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Brown
 - Silver
 - Black
 - White

- HDPE Colours**
- Light Green
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Brown
 - Silver
 - Black
 - White

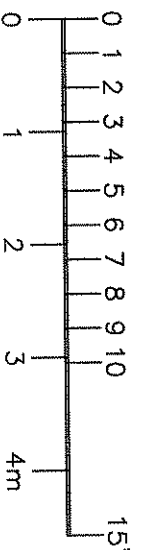
- Rotomolded Plastic Colours**
- Light Green
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Brown
 - Silver
 - Black
 - White



Model # PF09679R0

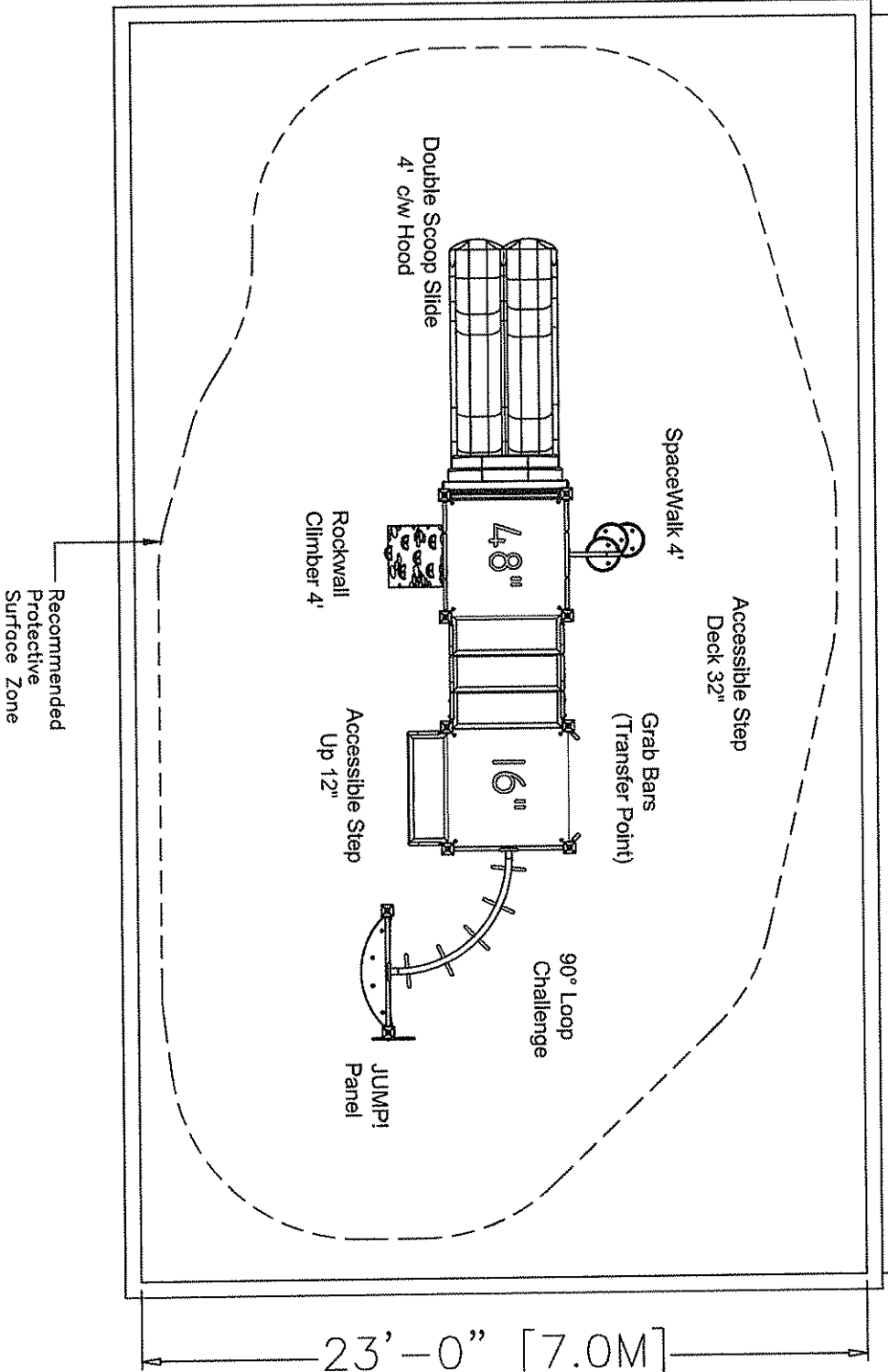
Davis Athletics

Cedar Creek West Virginia State Park - Area 1



40'-0" [12.2M]

23'-0" [7.0M]



WARNING
Installation Over a Hard Surface Such as Concrete, Asphalt, or Paved Sidewalks is Not Recommended. See the Installation Manual for Details.

Best User Age: 5 to 12 yr.

Accessibility: Yes

Colour:

- Posts: Brown
- Accent: Green
- Rolls Plastic: Tan
- 3/4 Plastic: Tan/Green
- Other:

Surfacing Type: Wood Chips

Border Area: 920

Border Perimeter: 126

Installation Style:

Inground 36"

Footing Quantity: 0

Compliance: ASTM F 1487, CPSC

Sales Rep: F.D.

Notes:
All border dimensions are inside frame measurements. All play structure dimensions are center-to-center of the posts unless otherwise specified.
The locations of all telephone, hydro, cable, water, gas, and drainage lines must be clearly marked by the customer prior to the playground installation.
All playgrounds must be installed with appropriate resilient surfacing and safety zones to meet the required guidelines of the latest CAN/CSA-2614 (CAN) or ASTM F 1487 (USA) releases. The playground installation site must be properly prepared to Henderson Recreation specifications prior to installation. Henderson Recreation assumes the playground installation site has normal level or gently sloping terrain. The site must be free of any utility lines or other conditions that may affect the installation.
Henderson Recreation has a commitment to continuous product development and improvement and therefore reserves the right to improve, alter or discontinue products and specifications without notice.

***Attention:**
No-sandcoachment zones that are adjacent to but outside of the safety surface area must be free of any obstacles that would impede or block safe pedestrian traffic flow around the safety surface area. No-sandcoachment zones that are within the safety surface area must be free of all obstacles.

Drawn By: R.H.
Date Drawn: October 7, 2008
Revised By:
Revision Date:
Scaler: See Key



Play Structure General Specifications

Playground Equipment Designs

It is the opinion of the manufacturer that playground equipment designs are developed in compliance with the most recent published edition of the following safety standards:

- CAN/CSA-Z614 Children's PlaySpaces and Equipment
- ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
- U.S. Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety
- Americans with Disabilities Act (ADA) accessibility standards

Steel Components

Steel tube components are Allied Flo-Coat® galvanized steel tube with 0.6 mil (0.015mm) zinc coating and 0.5 mil (0.013mm) internal corrosion coating. Steel tube components comply with ASTM standards A-500 or A-513. All other steel is zinc-coated, hot-dipped galvanized, Plastisol-coated, or powder-coat painted, as specified. Steel tube components contain between 30% and 100% recycled content. Steel tube components are 95-98% recyclable.

Uprights

PlaySteel vertical uprights are 4" (102mm) square x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Outer surfaces are zinc-plated and inner surfaces are treated to resist corrosion. All posts are powder-coat painted. PlaySteel post caps are alloy 319 cast aluminum with 0.1875" (5mm) top thickness, 0.125" (3mm) side thickness, and 0.34375" (9mm) corner thickness. Post caps are secured to posts with 10 gauge (3mm) satin-coated steel sheet brackets and mechanical fasteners. Post caps are powder-coat painted to match posts unless otherwise requested.

Decks

PlaySteel 4 decks are a welded assembly of angle, expanded metal, and structural reinforcements. Angle is 2.5" x 2.5" x 0.1875" (64mm x 64mm x 5mm) hot-rolled steel angle. Expanded metal is style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal. Structural reinforcements are 0.125" x 1.5" (3mm x 38mm) zinc-plated hot-rolled mild flat steel. Entire assembly is Plastisol-coated to a depth of 0.15" (4mm) after fabrication. Decks are pre-punched to receive components.

Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

consists of either a multiple bath system including a rust-prohibitive iron phosphate wash or sandblasting. Parts are free of excess weld splatter.

Powder-Coat Paint Finish

Polyester dry powder-coating is electrostatically applied and oven cured at 400°F (200°C). Finished membrane is 3-5 mil (0.076-0.127mm) and includes additives for resistance to ultraviolet (U.V.) degradation. Finished membrane complies with the following performance standards:

- ASTM D 522 (Mandrel Bending)
- ASTM D 2794-90 (Impact)
- ASTM B 117-90 (Salt Spray Resistance)
- ASTM D 3359B (Cross Hatch Adhesion)
- ASTM D 2247-87 (Humidity Resistance)
- ASTM D 3363 (Pencil Hardness)
- ASTM D 822 (Weatherability)
- ASTM D 2454 (Overbake Resistance)

Welded Components

Welded components are Canadian Welding Bureau (CWB) certified under CSA standards W47.1 Div. 2.1 and W47.2 Div. 2.1.

Plastisol Coating

Plastisol coating is Denflex PX-12412 poly-vinyl-chloride with an average thickness of 0.15" (4mm) unless otherwise specified. Prior to coating, parts are chemically washed with phosphate coat 4013A, treated with a spray-on primer at room temperature, and allowed to dry completely. Parts are heated to 350°F (176°C) internal temperature for 3.5 minutes in an 800°F (427°C) oven and submerged in Plastisol. Coated parts are cured in a liquid salt bath at 395°F (202°C). Coating contains flame-retardant additive, ultraviolet (U.V.) ray stabilizer to maintain colour, and fungastat to improve resistance to fungal growth. Tensile strength is 2300 lb/in² (15858.5 kPa), tear strength is 419 lb/in (74.8 kg/cm), ultimate elongation is 250%, and shore "A" durometer is 95 +/- 2. Materials comply with the following performance standards:

- ASTM D 624 (Tear Strength)
- ASTM D 412 (Tensile Strength)

Hardware and Fasteners

All hardware and fasteners are treated to resist corrosion. Hardware and fasteners are tamper resistant unless otherwise specified. All necessary hardware and fasteners are provided.

Rotationally-Moulded Plastic Parts

Rotationally-moulded plastic parts are moulded from linear medium-density polyethylene resin with ultraviolet (U.V.) light stabilizers and colour moulded in. Rotationally-moulded plastic parts have an average wall thickness ranging from 0.125" (3mm) to 0.375" (10mm), as specified. Rotationally-moulded plastic parts comply with the following performance standards:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)
- ARM-STD (Low Temperature Impact)

0.75" (19mm) Sheet Polyethylene Parts

0.75" (19mm) sheet polyethylene parts are stress-relieved high-density polyethylene with ultraviolet (U.V.) light stabilizers and anti-static guard. Sheet polyethylene parts contain maximum 67% recycled content and are 100% recyclable. Materials comply with:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)

Recycled Plastic

Recycled plastic is injection moulded 100% solid blended recycled plastic consisting of 96% polyolefins (HDPE/LDPE/PP), 2% PET, 1% PS, and 1% other. Recycled plastic is ultraviolet (U.V.) light resistant, skid resistant when wet, resistant to infestation by borers, and will not leach. Recycled plastic contains no preservatives. Specific gravity is 0.96. Expansion and contraction with 122°F (50°C) temperature variation is 0.3%. Melting point is 374°F (190°C). Compression strength is 1200 to 2400 lb/in² (8274 to 16548 kPa) depending on profile. No absorption, solubility, or evaporation.

Climbing Activities

Rockwall Climber 4'

Rockwall climber is a mechanical assembly of wall, ground legs, and safety hoop. Wall is a mechanical assembly of plastic and frame. Plastic is a mechanical assembly of 0.75" (19mm) high density polyethylene. Frame is a welded assembly of 1.5" x 1.5" (38mm x 38mm) rectangular x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame, ground legs, and safety hoop are powder-coat painted.

SpaceWalk 4'

SpaceWalk is a mechanical assembly of climber, safety railing, and pole frame. Climber is a mechanical assembly of frame and pods. Frame is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) hot-rolled mild flat steel. Pods are minimum 0.625" (16mm) anti-

skid marine-grade polymer. Safety railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Pole frame is a welded assembly of 1.9" (48mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Frame, safety railing and pole frame are powder-coat painted.

Decks

Launch Pad

Launch Pad is a mechanical assembly of frame and plastic. Frame is a welded assembly of 1.5" (38mm) square x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame is powder-coat painted. Plastic is 0.75" (19mm) anti-skid marine-grade polymer.

P4 Square Deck - Punched

Square Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 2146 in² (1.38m²).

Overhead Activities

90° Loop Challenge

90° Loop Challenge is a mechanical assembly of loop beam, support bar, and brackets. Loop beam is a welded assembly of 2.375" (60mm) O.D. x 10 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Support bar is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Brackets are 10 gauge (3mm) satin-coated steel sheet. Entire assembly is powder-coat painted.

PlaySteel Misc Parts

Grab Bar

Grab Bars are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Entire assembly is powder-coat painted.

Slide Hoods

New Style Double Slide Plastic Hood (SPI)

Double Poly Slide Plastic Hood is rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

Slides

Double Scoop Slide 4' (SPI)

Double Poly Slide is a mechanical assembly of slide angle, ground leg mount, ground legs, string guards, and slide. Slide angle is 10 gauge (3mm) satin-coated steel sheet. Ground leg mount is a welded assembly of 1" x 1" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. String guards are 0.75" (19mm) high-density polyethylene. Slide is one-piece, double-wall, rotationally-moulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide has no seams, joints, or exposed hardware. Slide bed is minimum 16" (406mm) wide. Slide angle, ground leg mount, and ground legs are powder-coat painted.

Stairs & Access Points

Accessible Step Deck 32"

Accessible Step Deck is a mechanical assembly of step deck, handrails, and infills. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Handrails are powder-coat painted. Infills are 0.75" (19mm) sheet polyethylene.

Accessible Step Up 12"

Accessible Step Up is a mechanical assembly of step deck, handrails, and infill. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel

tube. Handrails are powder-coat painted. Infill is 0.75" (19mm) sheet polyethylene.

Accessible Step Up 12"

Step Up is a mechanical assembly of step deck, and handrails. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Handrails are powder-coat painted.



ASTM-F1487 Compliance Certificate

Organization: Cedar Creek State Park

Project:

Model: PF09679R0

Compliance with Play Equipment Standards

Henderson Recreation Equipment Limited warrants that its products are designed and manufactured to meet or exceed the requirements of the most current edition of the ASTM F1487, "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use at the time of installation or shipment of the product. For a period of 12 months from the date of installation or shipment, should a non-compliance to the Standard be identified that is caused by improper design, manufacturing or original installation procedure, Henderson Recreation Equipment Limited will make the necessary corrections to the equipment at its cost.

- This ASTM compliance certificate does not apply when the cause of the non-compliance is the result of the following:
- Oversight by owner/operator or its designated inspectors that are not identified within the 12 month warranty period
 - Oversight by third party inspectors that are not identified within the 12 month warranty period
 - Failure of owner/operator to report any non-compliance to Henderson Recreation within the 12 month warranty period
 - Vandalism

Regarding Supply and Installation of Playground Equipment Only

This will confirm that the play ground equipment offered by Henderson Recreation is designed to comply with the most current edition of ASTM F1487, "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use. In addition, Henderson Recreation Equipment Limited will undertake to ensure that the installation of the playground equipment proposed complies with the above mentioned standard if the equipment is installed by Henderson Recreation Equipment Limited or its designated agent.

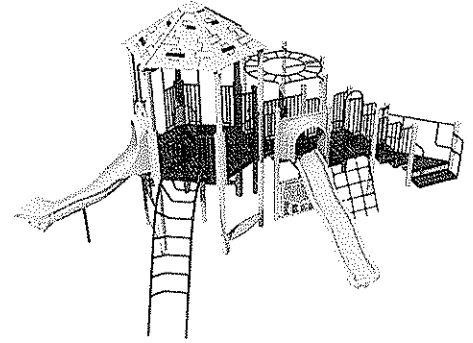
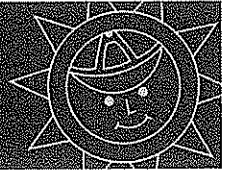
- Abuse
- Damage caused by natural occurrences
- Improper maintenance procedures by owner/operator or designate
- Equipment alterations that are not performed by Henderson Recreation
- Amendments or complete revisions to CAN/CSA-Z614 or ASTM F1487
- Requirements exceeding the scope of CAN/CSA-Z614 or ASTM F1487 that are mandated by various licensing, regulatory or governmental authorities
- Comments and observations offered by play space inspectors related to the design, manufacture and installation of the equipment that exceed or are outside of the scope of CAN/CSA-Z614 or ASTM F1487

Yours truly,

Gordon Henderson, President
Henderson Recreation Equipment Limited



Rev. 04/09



Certificate of CPSIA Compliance

Customer: Cedar Creek State Park

Model Number: PF09679R0

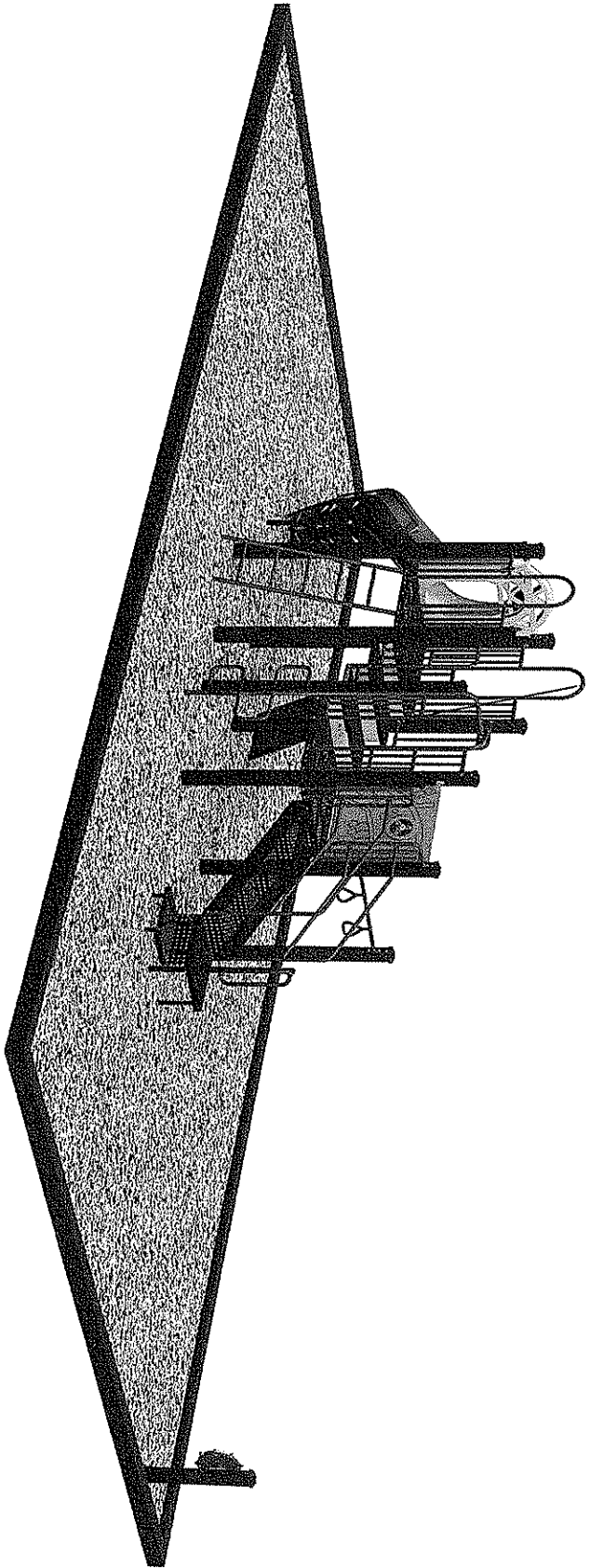
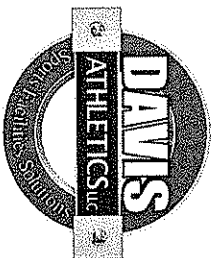
Product and materials have been deemed in compliance with Section 101 Lead Paint Rule of the Consumer Product Safety Improvement Act of 2008 (CPSIA).

Lab:	Address:	Date:	Accredited
Scientific Control Laboratories	16100 S.Lathrop Ave, Henry, IL	1/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	2/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	12/1/2008	Yes

For information regarding test results please contact Henderson Recreation 1-800-265-5462

Cedar Creek West Virginia State Park - Area 2

Model No. PF09680R0



- Powder-Coated Metal Colours**
- Orange
 - Yellow
 - Light Blue
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Red
 - Silver
 - White
 - Black
 - White

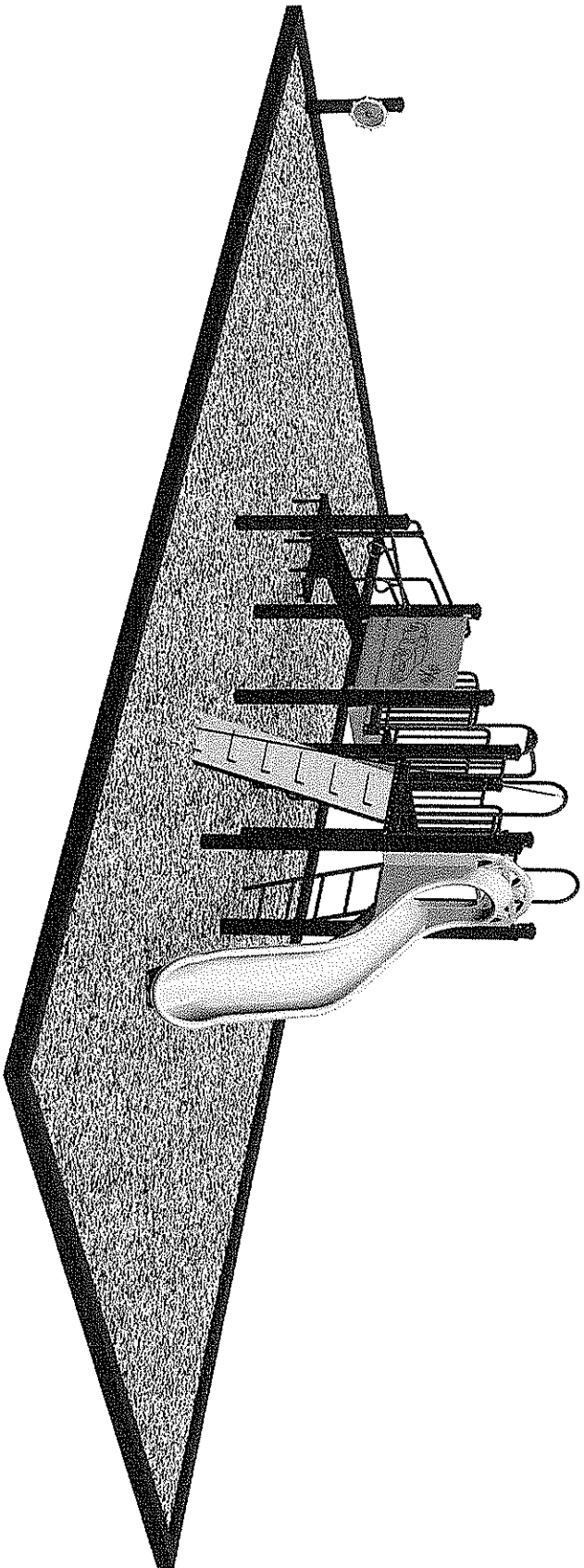
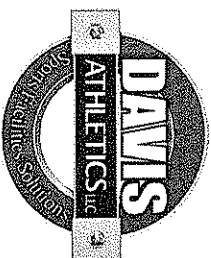
- HDPE Colours**
- Orange
 - Yellow
 - Light Blue
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Red
 - Silver
 - White
 - Black
 - White

- Rotomolded Plastic Colours**
- Orange
 - Yellow
 - Light Blue
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Red
 - Silver
 - White
 - Black
 - White



Cedar Creek West Virginia State Park - Area 2

Model No. PF09680R0



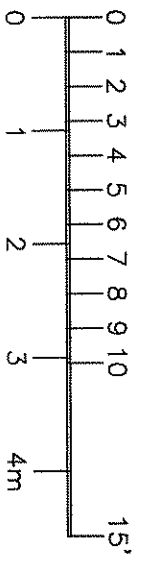
- Powder-Coated Metal Colours**
- Orange
 - Yellow
 - Light Blue
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Red
 - Silver
 - Brown
 - Black
 - White
- As shown from the top perspective

- HDPE Colours**
- Light Blue
 - Blue
 - Light Green
 - Green
 - Light Purple
 - Purple
 - Light Orange
 - Orange
 - Light Yellow
 - Yellow
 - Light Grey
 - Grey
 - Black
 - White

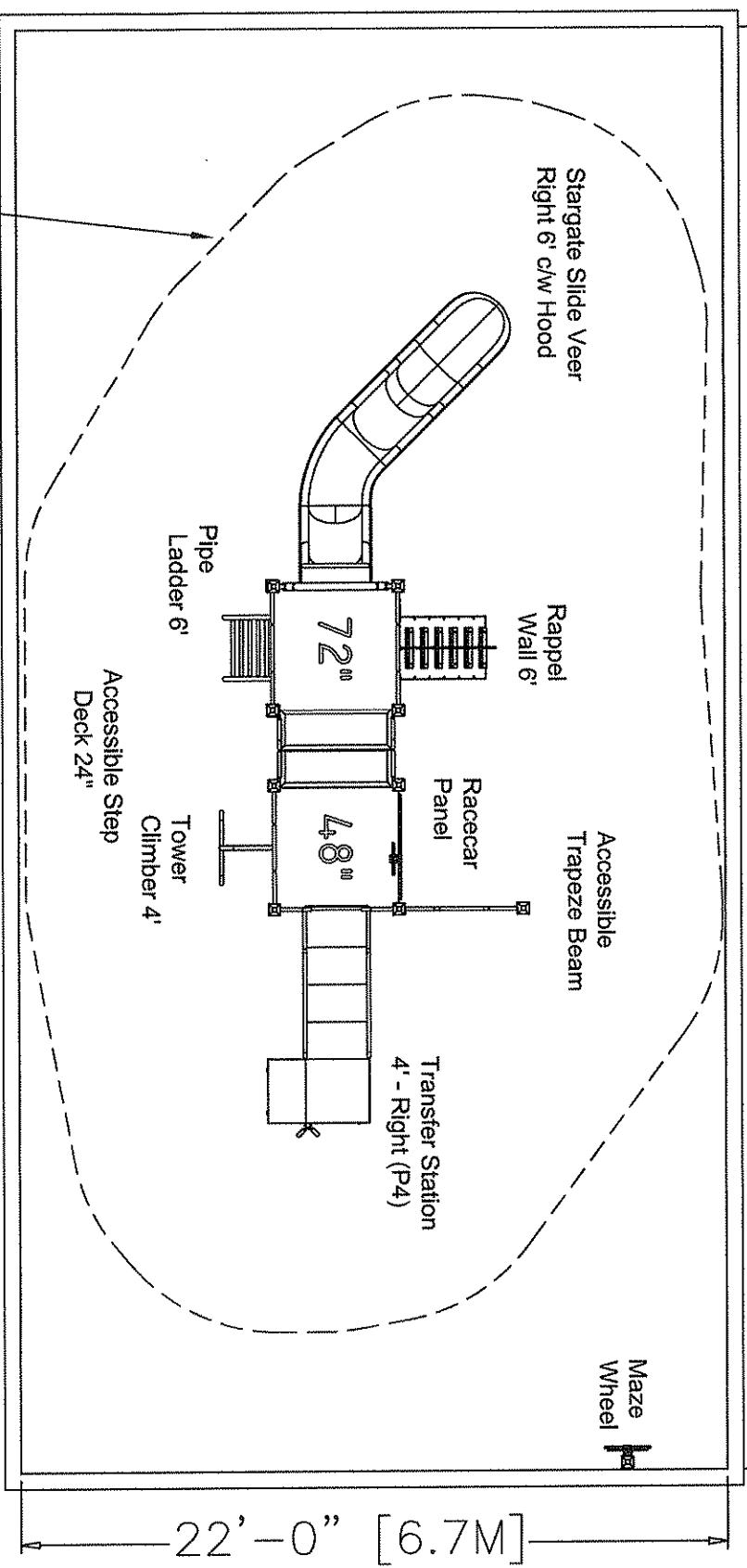
- Rotomolded Plastic Colours**
- Light Blue
 - Blue
 - Light Green
 - Green
 - Light Purple
 - Purple
 - Light Orange
 - Orange
 - Light Yellow
 - Yellow
 - Light Grey
 - Grey
 - Black
 - White



Model # PF09680R0
 Davis Athletics
 Cedar Creek West Virginia State Park - Area 2



45'-0" [13.7M]



WARNING
 INSTALLATION OF ANY SURFACING SYSTEM
 MAY RESULT IN SERIOUS INJURY OR DEATH
 IF NOT DONE CORRECTLY.
 Best User Age: 5 to 12
 Accessibility: Yes

Colour:
 Posts: Brown
 Accents: Green
 Ryo Plastic: Tan
 3/4 Plastic: Tan/Green
 Other:

Surfacing Type: Wood Chip
 Border Area: 990
 Border Perimeter: 134
 Installation Style:
 Inground 36"
 Footing Quantity: 0

Compliance:
 ASTM F 1487, CPSC
 Sales Rep: F.D.

Note:
 All border dimensions are
 inside border measurements. All
 play structure dimensions are
 centre-to-centre of the posts
 unless otherwise specified.
 The locations of all telephone,
 hydro, cable, water, gas, and
 drainage lines shall be clearly
 marked by the customer prior to
 the playground installation.

All playgrounds must be
 installed with appropriate restful
 surfacing and safety zones to
 meet the required guidelines of
 the latest CAN/CSA-Z614 (CAN)
 or ASTM F 1487 (USA) releases.
 The playground installation site
 must be properly prepared to
 Henderson Recreation
 specifications prior to installation.

Henderson Recreation assumes
 the playground installation site
 has normal soil and digging
 conditions. Please notify us of
 any unusual soil conditions.
 Henderson Recreation
 Equipment Limited has a
 commitment to continuous
 product development and
 improvement. We reserve the right to improve,
 alter or discontinue products on
 specifications without notice.

*Attention:
 No-encroachment zones that
 are adjacent to but outside of
 the safety surface area must be
 free of any obstacles that would
 impede or block safe pedestrian
 traffic flow around the safety
 surfaces area. No-encroachment
 zones that are within the safety
 surface area must be free of
 obstacles.

Drawn By: RH
 Date Drawn: October 7, 2008
 Revised By:
 Revision Date:
 Scale: See Key



Play Structure General Specifications

Playground Equipment Designs

It is the opinion of the manufacturer that playground equipment designs are developed in compliance with the most recent published edition of the following safety standards:

- CAN/CSA-Z614 Children's PlaySpaces and Equipment
- ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
- U.S. Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety
- Americans with Disabilities Act (ADA) accessibility standards

Steel Components

Steel tube components are Allied Flo-Coat® galvanized steel tube with 0.6 mil (0.015mm) zinc coating and 0.5 mil (0.013mm) internal corrosion coating. Steel tube components comply with ASTM standards A-500 or A-513. All other steel is zinc-coated, hot-dipped galvanized, Plastisol-coated, or powder-coat painted, as specified. Steel tube components contain between 30% and 100% recycled content. Steel tube components are 95-98% recyclable.

Uprights

PlaySteel vertical uprights are 4" (102mm) square x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Outer surfaces are zinc-plated and inner surfaces are treated to resist corrosion. All posts are powder-coat painted. PlaySteel post caps are alloy 319 cast aluminum with 0.1875" (5mm) top thickness, 0.125" (3mm) side thickness, and 0.34375" (9mm) corner thickness. Post caps are secured to posts with 10 gauge (3mm) satin-coated steel sheet brackets and mechanical fasteners. Post caps are powder-coat painted to match posts unless otherwise requested.

Decks

PlaySteel 4 decks are a welded assembly of angle, expanded metal, and structural reinforcements. Angle is 2.5" x 2.5" x 0.1875" (64mm x 64mm x 5mm) hot-rolled steel angle. Expanded metal is style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal. Structural reinforcements are 0.125" x 1.5" (3mm x 38mm) zinc-plated hot-rolled mild flat steel. Entire assembly is Plastisol-coated to a depth of 0.15" (4mm) after fabrication. Decks are pre-punched to receive components.

Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

consists of either a multiple bath system including a rust-prohibitive iron phosphate wash or sandblasting. Parts are free of excess weld splatter.

Powder-Coat Paint Finish

Polyester dry powder-coating is electrostatically applied and oven cured at 400°F (200°C). Finished membrane is 3-5 mil (0.076-0.127mm) and includes additives for resistance to ultraviolet (U.V.) degradation. Finished membrane complies with the following performance standards:

- ASTM D 522 (Mandrel Bending)
- ASTM D 2794-90 (Impact)
- ASTM B 117-90 (Salt Spray Resistance)
- ASTM D 3359B (Cross Hatch Adhesion)
- ASTM D 2247-87 (Humidity Resistance)
- ASTM D 3363 (Pencil Hardness)
- ASTM D 822 (Weatherability)
- ASTM D 2454 (Overbake Resistance)

Welded Components

Welded components are Canadian Welding Bureau (CWB) certified under CSA standards W47.1 Div. 2.1 and W47.2 Div. 2.1.

Plastisol Coating

Plastisol coating is Denflex PX-12412 poly-vinyl-chloride with an average thickness of 0.15" (4mm) unless otherwise specified. Prior to coating, parts are chemically washed with phosphate coat 4013A, treated with a spray-on primer at room temperature, and allowed to dry completely. Parts are heated to 350°F (176°C) internal temperature for 3.5 minutes in an 800°F (427°C) oven and submerged in Plastisol. Coated parts are cured in a liquid salt bath at 395°F (202°C). Coating contains flame-retardant additive, ultraviolet (U.V.) ray stabilizer to maintain colour, and fungastat to improve resistance to fungal growth. Tensile strength is 2300 lb/in² (15858.5 kPa), tear strength is 419 lb/in (74.8 kg/cm), ultimate elongation is 250%, and shore "A" durometer is 95 +/- 2. Materials comply with the following performance standards:

- ASTM D 624 (Tear Strength)
- ASTM D 412 (Tensile Strength)

Hardware and Fasteners

All hardware and fasteners are treated to resist corrosion. Hardware and fasteners are tamper resistant unless otherwise specified. All necessary hardware and fasteners are provided.

Rotationally-Moulded Plastic Parts

Rotationally-moulded plastic parts are moulded from linear medium-density polyethylene resin with ultraviolet (U.V.) light stabilizers and colour moulded in. Rotationally-moulded plastic parts have an average wall thickness ranging from 0.125" (3mm) to 0.375" (10mm), as specified. Rotationally-moulded plastic parts comply with the following performance standards:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)
- ARM-STD (Low Temperature Impact)

0.75" (19mm) Sheet Polyethylene Parts

0.75" (19mm) sheet polyethylene parts are stress-relieved high-density polyethylene with ultraviolet (U.V.) light stabilizers and anti-static guard. Sheet polyethylene parts contain maximum 67% recycled content and are 100% recyclable. Materials comply with:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)

Recycled Plastic

Recycled plastic is injection moulded 100% solid blended recycled plastic consisting of 96% polyolefins (HDPE/LDPE/PP), 2% PET, 1% PS, and 1% other. Recycled plastic is ultraviolet (U.V.) light resistant, skid resistant when wet, resistant to infestation by borers, and will not leach. Recycled plastic contains no preservatives. Specific gravity is 0.96. Expansion and contraction with 122°F (50°C) temperature variation is 0.3%. Melting point is 374°F (190°C). Compression strength is 1200 to 2400 lb/in² (8274 to 16548 kPa) depending on profile. No absorption, solubility, or evaporation.

Activity Panels

Racecar Panel

Racecar Panel is a mechanical assembly of panel brackets, panel, and steering wheel. Panel brackets are a welded assembly of 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Panel brackets are powder-coat painted. Panel is 0.75" (19mm) sheet polyethylene. Steering wheel is 0.75" (19mm) sheet polyethylene.

Climbing Activities

Pipe Ladder 6'

Pipe Ladder is a mechanical assembly of ladder and safety hoop. Ladder is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Rappel Wall 6'

Rappel Wall is a mechanical assembly of wall, ground legs, and safety hoop. Wall is a

mechanical assembly of plastic and frame.

Plastic is a mechanical assembly of 0.75" (19mm) high density polyethylene. Frame is a welded assembly of 1.5" x 1.5" (38mm x 38mm) rectangular x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame, ground legs, and safety hoop are powder-coat painted.

Tower Climber 4'

Tower Climber is a mechanical assembly of climber, safety railing, and pole frame. Climber is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Safety railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Pole frame is a welded assembly of 1.9" (48mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Entire assembly is powder-coat painted.

Decks

P4 Square Deck - Punched

Square Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 2146 in² (1.38m²).

Overhead Activities

Accessible Trapeze Beam

Accessible Trapeze Beam is a mechanical assembly of ring beam and rings. Ring beam is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Rings are a welded assembly of 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Rings are suspended from a lubricated bearing with mechanical hardware. Ring beam and rings are powder-coat painted.

Slides

Stargate Slide Veer Right 6'

Stargate Slide is a mechanical assembly of slide, slide brackets, and ground legs. Slide is multiple-piece, double wall, rotationally-moulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide brackets are a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Ground legs are a mechanical assembly of leg and mount. Leg is 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Mount is a welded assembly of 1" x 1" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel. Slide brackets and ground legs are powder-coat painted.

Stairs & Access Points

Accessible Step Deck 24"

Accessible Step Deck is a mechanical assembly of step deck, handrails, and infills. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Handrails are powder-coat painted. Infills are 0.75" (19mm) sheet polyethylene.



ASTM-F1487 Compliance Certificate

Organization: Cedar Creek State Park

Project:

Model: PF09680R0

Compliance with Play Equipment Standards

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Regarding Supply and Installation of Playground Equipment Only

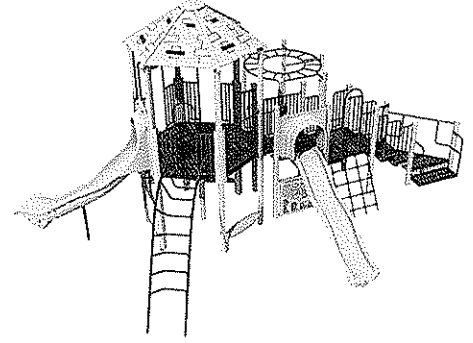
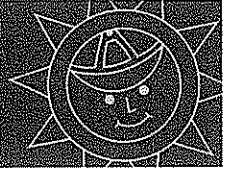
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- Abuse
- Damage caused by natural occurrences
- Improper maintenance procedures by owner/operator or designate
- Equipment alterations that are not performed by Henderson Recreation
- Amendments or complete revisions to CAN/CSA-Z614 or ASTM F1487
- Requirements exceeding the scope of CAN/CSA-Z614 or ASTM F1487 that are mandated by various licensing, regulatory or governmental authorities
- Comments and observations offered by play space inspectors related to the design, manufacture and installation of the equipment that exceed or are outside of the scope of CAN/CSA-Z614 or ASTM F1487

Yours truly,


Gordon Henderson, President
 Henderson Recreation Equipment Limited





Certificate of CPSIA Compliance

Customer: Cedar Creek State Park

Model Number: PF09680R0

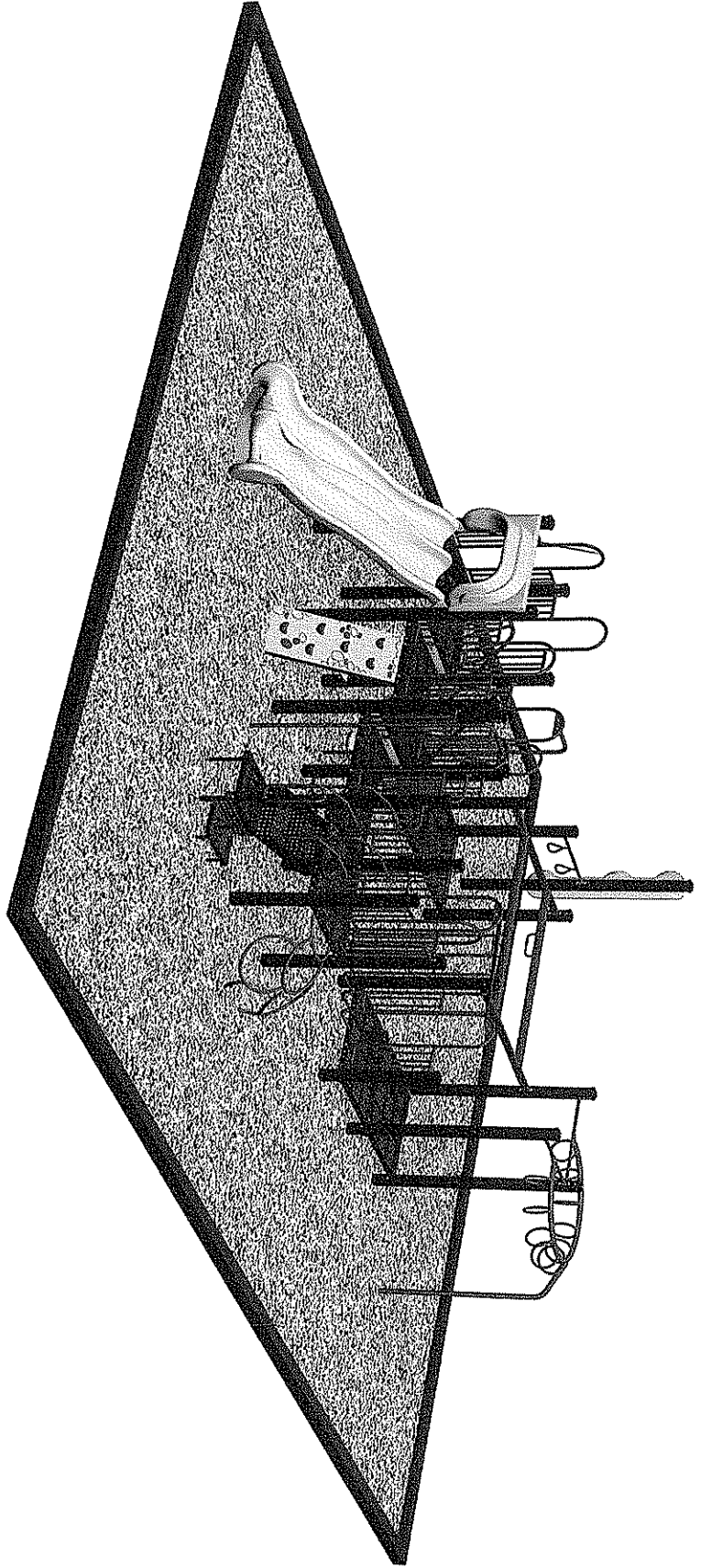
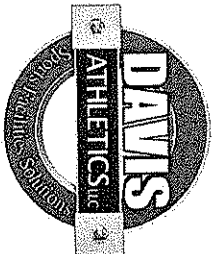
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St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	2/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	12/1/2008	Yes

For information regarding test results please contact Henderson Recreation 1-800-265-5462

Cedar Creek West Virginia State Park - Area 3

Model No. PF09681R0

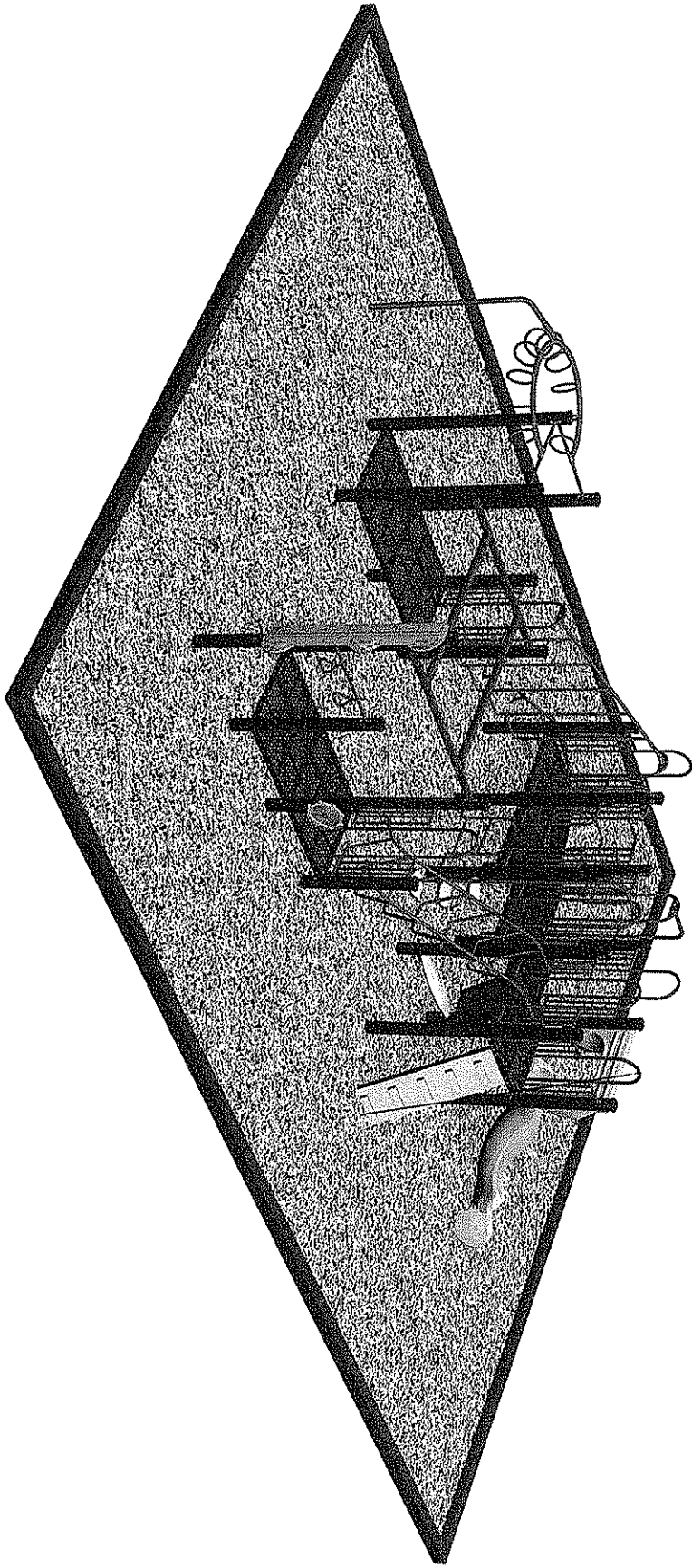


- Powder-Coated Metal Colours**
- Red
 - Orange
 - Yellow
 - Lime
 - Toal
 - Green
 - Blue
 - Violet
 - Purple
 - Rust/Red
 - Grey
 - Silver
 - Black
 - White
- All colours shown here are approximate
- HDPE Colours**
- White
 - Black
 - Grey
 - Blue
 - Green
 - Yellow
 - Orange
 - Red
 - Light Blue
 - Light Green
 - Light Yellow
 - Light Orange
 - Light Red
 - Light Grey
 - Light Black
 - Light White
- Rotomolded Plastic Colours**
- White
 - Black
 - Grey
 - Blue
 - Green
 - Yellow
 - Orange
 - Red
 - Light Blue
 - Light Green
 - Light Yellow
 - Light Orange
 - Light Red
 - Light Grey
 - Light Black
 - Light White



Cedar Creek West Virginia State Park - Area 3

Model No. PF09681R0



- Powder-Coated Metal Colours**
- Red
 - Orange
 - Yellow
 - Lime
 - Teal
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Silver
 - Brown
 - Black
 - White
- All colors shown here are suggestions
- HDPE Colours**
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- Rec-Molded Plastic Colours**
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PLAYSTEEL

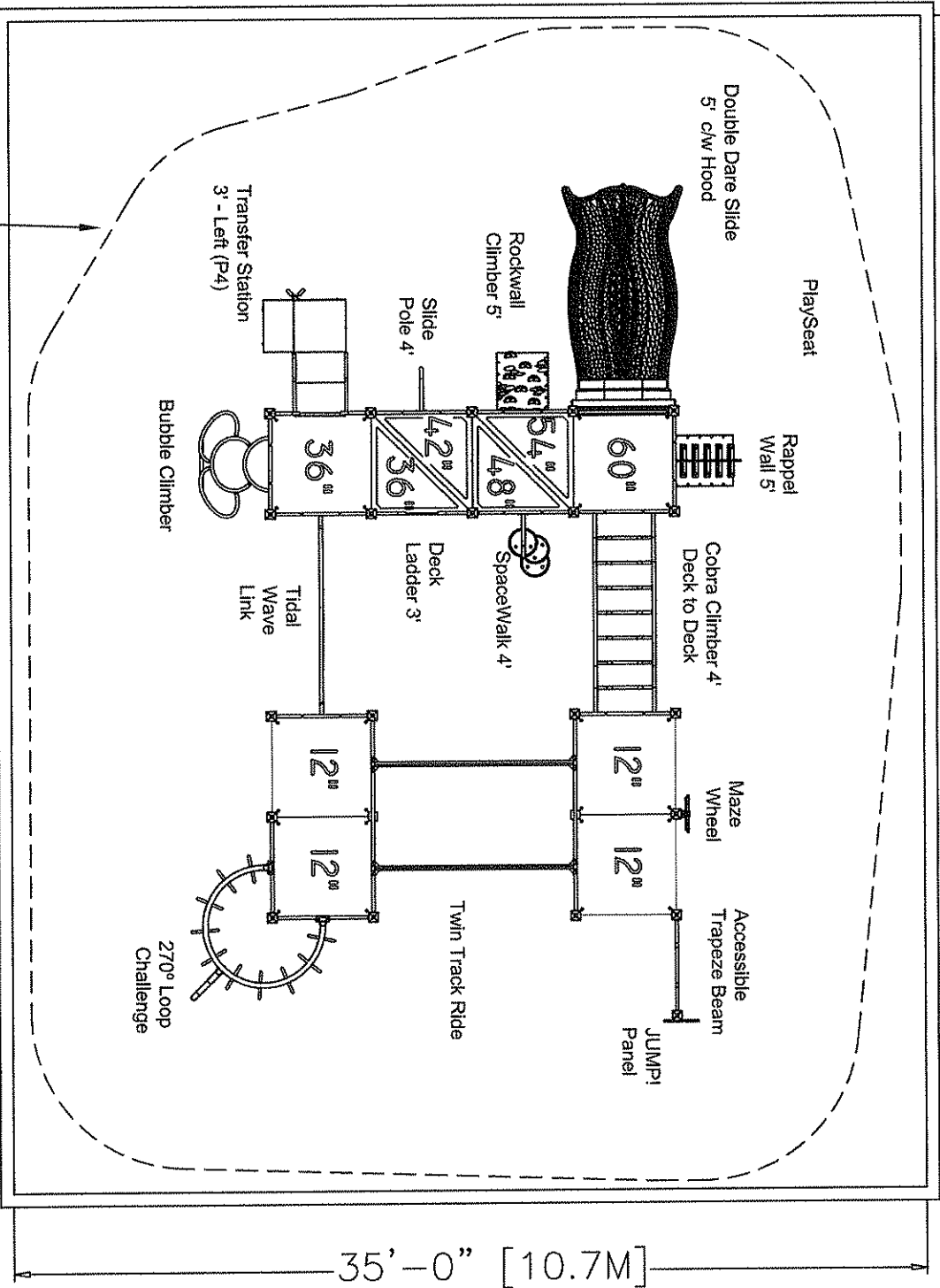
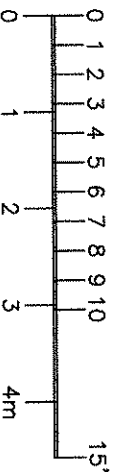
Henderson - recreation

1-800-265-5462



Model # PF09681R0
 Davis Athletics
 Cedar Creek West Virginia State Park - Area 3

45'-0" [13.7M]



35'-0" [10.7M]

AWARNING
 READ INSTRUCTIONS ON ALL THE PLAY STRUCTURE EQUIPMENT BEFORE USE.
 Failure to Follow Instructions May Result in Serious Injury Or Death.
 Best User Age: 5 to 12

Accessibility: Yes

Colour:
 Posts: Brown
 Accents: Green
 Rope Plastic: Tan
 3/4 Plastic: Tan/Green
 Other:

Surfacing Type: Wood Chips

Border Area: 1575

Border Perimeter: 180

Installation Style:

Inground 36"

Hooking Quantity: 0

Compliance:

ASTM F 1487, CPSC

Sales Repr: F.D.

Note:
 All border dimensions are inside border measurements. All play structure dimensions are centre-to-centre of the posts unless otherwise specified. The locations of all telephone, hydro, cable, and gas lines must be clearly marked by the customer prior to the playground installation.

All playgrounds must be installed with appropriate resilient surfacing and safety zones to meet the required guidelines of the latest CAN/CSA-2614 (CAN) or ASTM F 1487 (USA) releases. The playground installation site must be properly prepared to Henderson Recreation specifications prior to installation. Henderson Recreation assumes the playground installation site has normal soil and digging of any unusual soil conditions. Please notify us of any unusual soil conditions. Henderson Recreation Equipment Limited has a commitment to contribute product development efforts to improve the risk to improve, alter or discontinue products and specifications without notice.

Attention:
 No-encroachment zones that are adjacent to but outside of the safety surface area must be free of any obstacles that would impede or block safe pedestrian traffic flow around the safety surface that are within the safety surface area must be free of all obstacles.

Drawn By: R.H.
 Date Drawn: October 7, 2008
 Revised By:
 Revision Date:
 Scale: See Key



Play Structure General Specifications

Playground Equipment Designs

It is the opinion of the manufacturer that playground equipment designs are developed in compliance with the most recent published edition of the following safety standards:

- CAN/CSA-Z614 Children's PlaySpaces and Equipment
- ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
- U.S. Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety
- Americans with Disabilities Act (ADA) accessibility standards

Steel Components

Steel tube components are Allied Flo-Coat® galvanized steel tube with 0.6 mil (0.015mm) zinc coating and 0.5 mil (0.013mm) internal corrosion coating. Steel tube components comply with ASTM standards A-500 or A-513. All other steel is zinc-coated, hot-dipped galvanized, Plastisol-coated, or powder-coat painted, as specified. Steel tube components contain between 30% and 100% recycled content. Steel tube components are 95-98% recyclable.

Uprights

PlaySteel vertical uprights are 4" (102mm) square x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Outer surfaces are zinc-plated and inner surfaces are treated to resist corrosion. All posts are powder-coat painted. PlaySteel post caps are alloy 319 cast aluminum with 0.1875" (5mm) top thickness, 0.125" (3mm) side thickness, and 0.34375" (9mm) corner thickness. Post caps are secured to posts with 10 gauge (3mm) satin-coated steel sheet brackets and mechanical fasteners. Post caps are powder-coat painted to match posts unless otherwise requested.

Decks

PlaySteel 4 decks are a welded assembly of angle, expanded metal, and structural reinforcements. Angle is 2.5" x 2.5" x 0.1875" (64mm x 64mm x 5mm) hot-rolled steel angle. Expanded metal is style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal. Structural reinforcements are 0.125" x 1.5" (3mm x 38mm) zinc-plated hot-rolled mild flat steel. Entire assembly is Plastisol-coated to a depth of 0.15" (4mm) after fabrication. Decks are pre-punched to receive components.

Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

consists of either a multiple bath system including a rust-prohibitive iron phosphate wash or sandblasting. Parts are free of excess weld splatter.

Powder-Coat Paint Finish

Polyester dry powder-coating is electrostatically applied and oven cured at 400°F (200°C). Finished membrane is 3-5 mil (0.076-0.127mm) and includes additives for resistance to ultraviolet (U.V.) degradation. Finished membrane complies with the following performance standards:

- ASTM D 522 (Mandrel Bending)
- ASTM D 2794-90 (Impact)
- ASTM B 117-90 (Salt Spray Resistance)
- ASTM D 3359B (Cross Hatch Adhesion)
- ASTM D 2247-87 (Humidity Resistance)
- ASTM D 3363 (Pencil Hardness)
- ASTM D 822 (Weatherability)
- ASTM D 2454 (Overbake Resistance)

Welded Components

Welded components are Canadian Welding Bureau (CWB) certified under CSA standards W47.1 Div. 2.1 and W47.2 Div. 2.1.

Plastisol Coating

Plastisol coating is Denflex PX-12412 poly-vinyl-chloride with an average thickness of 0.15" (4mm) unless otherwise specified. Prior to coating, parts are chemically washed with phosphate coat 4013A, treated with a spray-on primer at room temperature, and allowed to dry completely. Parts are heated to 350°F (176°C) internal temperature for 3.5 minutes in an 800°F (427°C) oven and submerged in Plastisol. Coated parts are cured in a liquid salt bath at 395°F (202°C). Coating contains flame-retardant additive, ultraviolet (U.V.) ray stabilizer to maintain colour, and fungastat to improve resistance to fungal growth. Tensile strength is 2300 lb/in² (15858.5 kPa), tear strength is 419 lb/in (74.8 kg/cm), ultimate elongation is 250%, and shore "A" durometer is 95 +/- 2. Materials comply with the following performance standards:

- ASTM D 624 (Tear Strength)
- ASTM D 412 (Tensile Strength)

Hardware and Fasteners

All hardware and fasteners are treated to resist corrosion. Hardware and fasteners are tamper resistant unless otherwise specified. All necessary hardware and fasteners are provided.

Rotationally-Moulded Plastic Parts

Rotationally-moulded plastic parts are moulded from linear medium-density polyethylene resin with ultraviolet (U.V.) light stabilizers and colour moulded in. Rotationally-moulded plastic parts have an average wall thickness ranging from 0.125" (3mm) to 0.375" (10mm), as specified. Rotationally-moulded plastic parts comply with the following performance standards:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)
- ARM-STD (Low Temperature Impact)

0.75" (19mm) Sheet Polyethylene Parts

0.75" (19mm) sheet polyethylene parts are stress-relieved high-density polyethylene with ultraviolet (U.V.) light stabilizers and anti-static guard. Sheet polyethylene parts contain maximum 67% recycled content and are 100% recyclable. Materials comply with:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)

Recycled Plastic

Recycled plastic is injection moulded 100% solid blended recycled plastic consisting of 96% polyolefins (HDPE/LDPE/PP), 2% PET, 1% PS, and 1% other. Recycled plastic is ultraviolet (U.V.) light resistant, skid resistant when wet, resistant to infestation by borers, and will not leach. Recycled plastic contains no preservatives. Specific gravity is 0.96. Expansion and contraction with 122°F (50°C) temperature variation is 0.3%. Melting point is 374°F (190°C). Compression strength is 1200 to 2400 lb/in² (8274 to 16548 kPa) depending on profile. No absorption, solubility, or evaporation.

Climbing Activities

Bubble Climber

Bubble Climber is a mechanical assembly of climber and safety hoop. Climber is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 2.25" (6mm x 57mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Rappel Wall 5'

Rappel Wall is a mechanical assembly of wall, ground legs, and safety hoop. Wall is a mechanical assembly of plastic and frame. Plastic is a mechanical assembly of 0.75" (19mm) high density polyethylene. Frame is a welded assembly of 1.5" x 1.5" (38mm x 38mm) rectangular x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube,

1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame, ground legs, and safety hoop are powder-coat painted.

Rockwall Climber 5'

Rockwall climber is a mechanical assembly of wall, ground legs, and safety hoop. Wall is a mechanical assembly of plastic and frame. Plastic is a mechanical assembly of 0.75" (19mm) high density polyethylene. Frame is a welded assembly of 1.5" x 1.5" (38mm x 38mm) rectangular x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame, ground legs, and safety hoop are powder-coat painted.

Slide Pole 4'

Slide Pole is a mechanical assembly of pole, safety railings, and pole frame. Pole is 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety railings are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Pole frame is a welded assembly of 1.9" (48mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Entire assembly is powder-coat painted.

SpaceWalk 4'

SpaceWalk is a mechanical assembly of climber, safety railing, and pole frame. Climber is a mechanical assembly of frame and pods. Frame is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) hot-rolled mild flat steel. Pods are minimum 0.625" (16mm) anti-skid marine-grade polymer. Safety railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Pole frame is a welded assembly of 1.9" (48mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Frame, safety railing and pole frame are powder-coat painted.

Decks

P4 Split Deck - Punched

Transfer Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 1073 in² (0.69m²).

P4 Square Deck - Punched

Square Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 2146 in² (1.38m²).

Infill Panels

Infill Panel 6"

Plastic Infill Panel is a mechanical assembly of plastic and brackets. Plastic is 0.75" (19mm) sheet polyethylene. Brackets are 0.25" x 1.5" (6mm x 38mm) hot-rolled mild flat steel. Brackets are powder-coat painted.

Infill Panel 6" - Split Deck

Plastic Infill Panel is a mechanical assembly of plastic and brackets. Plastic is 0.75" (19mm) sheet polyethylene. Brackets are 0.25" x 1.5" (6mm x 38mm) hot-rolled mild flat steel. Brackets are powder-coat painted.

Links

Cobra Climber 4' Deck to Deck

Cobra Climber 4' Deck to Deck is a mechanical assembly of link and climber hoop. Link is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, and 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Climber hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Tidal Wave Link

Tidal Wave Link is a mechanical assembly of link and safety hoops. Link is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.315" (33mm)

O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoops are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.5" (13mm) O.D. hot-rolled round steel bar, 10 gauge (3mm) satin-coated steel sheet, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Overhead Activities

270° Loop Challenge

270° Loop Challenge is a mechanical assembly of loop beam, support bar, brackets, and support post. Loop beam is a welded assembly of 2.75" (70mm) O.D. x 0.125" (3mm) hollow structural steel tube, 2.375" (60mm) O.D. x 10 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Support bar is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Brackets are 10 gauge (3mm) satin-coated steel sheet. Support post is 2.375" (60mm) O.D. x 10 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Entire assembly is powder-coat painted.

Accessible Trapeze Beam

Accessible Trapeze Beam is a mechanical assembly of ring beam and rings. Ring beam is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Rings are a welded assembly of 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Rings are suspended from a lubricated bearing with mechanical hardware. Ring beam and rings are powder-coat painted.

Twin Track Ride

Twin Track Ride is a mechanical assembly of tracks, support bars, trolleys, and handles. Tracks are a mechanical assembly of 11 gauge (3mm) mild steel, 22 gauge (1mm) electroplated chrome mild steel, and 22 gauge (1mm) electroplated chrome mild steel. Tracks are galvanized or phenolic coated. Support bars are a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 2.5" (5mm x 64mm) zinc-plated hot-rolled mild flat steel, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Support bars are powder-coat painted. Trolleys are formed zinc-plated mild steel with sealed steel ball bearing plastic wheels. Handles are a welded assembly of 1.029" (26mm) O.D. x 14 gauge

(2mm) Allied Flo-Coat® galvanized steel tube, 0.3125" x 3" (8mm x 76mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 1.5" (6mm x 38mm) zinc-plated hot-rolled mild flat steel. Handles are powder-coat painted.

Slide Hoods

New Style Double Slide Plastic Hood (SPI)

Double Poly Slide Plastic Hood is rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

Slides

Double Dare Slide 5' (SPI)

Double Poly Slide is a mechanical assembly of slide angle, ground leg mount, ground legs, string guards, and slide. Slide angle is 10 gauge (3mm) satin-coated steel sheet. Ground leg mount is a welded assembly of 1" x 1" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. String guards are 0.75" (19mm) high-density polyethylene. Slide is one-piece, double-wall, rotationally-moulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide has no seams, joints, or exposed hardware. Slide bed is minimum 16" (406mm) wide. Slide angle, ground leg mount, and ground legs are powder-coat painted.

Social Play Activities

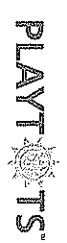
PlaySeat

PlaySeat is a mechanical assembly of frame and plastic. Frame is a welded assembly of 1.5" (38mm) square x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 4" (6mm x 102mm) zinc-plated hot-rolled mild flat steel, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Seat frame is powder-coat painted. Plastic is 0.75" (19mm) sheet polyethylene.

Stairs & Access Points

Deck Ladder 3'

Deck Ladder is a mechanical assembly of ladder and safety railings. Ladder is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Safety railings are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.



ASTM-F1487 Compliance Certificate

Organization: Cedar Creek State Park

Project:

Model: PF09681R0

Compliance with Play Equipment Standards

Henderson Recreation Equipment Limited warrants that its products are designed and manufactured to meet or exceed the requirements of the most current edition of the ASTM F1487, "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use at the time of installation or shipment of the product. For a period of 12 months from the date of installation or shipment, should a non-compliance to the Standard be identified that is caused by improper design, manufacturing or original installation procedure, Henderson Recreation Equipment Limited will make the necessary corrections to the equipment at its cost.

- This ASTM compliance certificate does not apply when the cause of the non-compliance is the result of the following:
- Oversights by owner/operator or its designated inspectors that are not identified within the 12 month warranty period
 - Oversights by third party inspectors that are not identified within the 12 month warranty period
 - Failure of owner/operator to report any non-compliance to Henderson Recreation within the 12 month warranty period
 - Vandalism

Regarding Supply and Installation of Playground Equipment Only

This will confirm that the play ground equipment offered by Henderson Recreation is designed to comply with the most current edition of ASTM F1487, "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use. In addition, Henderson Recreation Equipment Limited will undertake to ensure that the installation of the playground equipment proposed complies with the above mentioned standard if the equipment is installed by Henderson Recreation Equipment Limited or its designated agent.

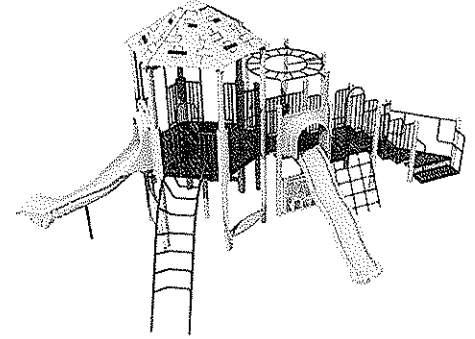
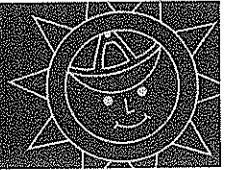
- Abuse
- Damage caused by natural occurrences
- Improper maintenance procedures by owner/operator or designate
- Equipment alterations that are not performed by Henderson Recreation
- Amendments or complete revisions to CAN/CSA-Z614 or ASTM F1487
- Requirements exceeding the scope of CAN/CSA-Z614 or ASTM F1487 that are mandated by various licensing, regulatory or governmental authorities
- Comments and observations offered by play space inspectors related to the design, manufacture and installation of the equipment that exceed or are outside of the scope of CAN/CSA-Z614 or ASTM F1487

Yours truly,

Gordon Henderson

Gordon Henderson, President
Henderson Recreation Equipment Limited





Certificate of CPSIA Compliance

Customer: Cedar Creek State Park

Model Number: PF09681R0

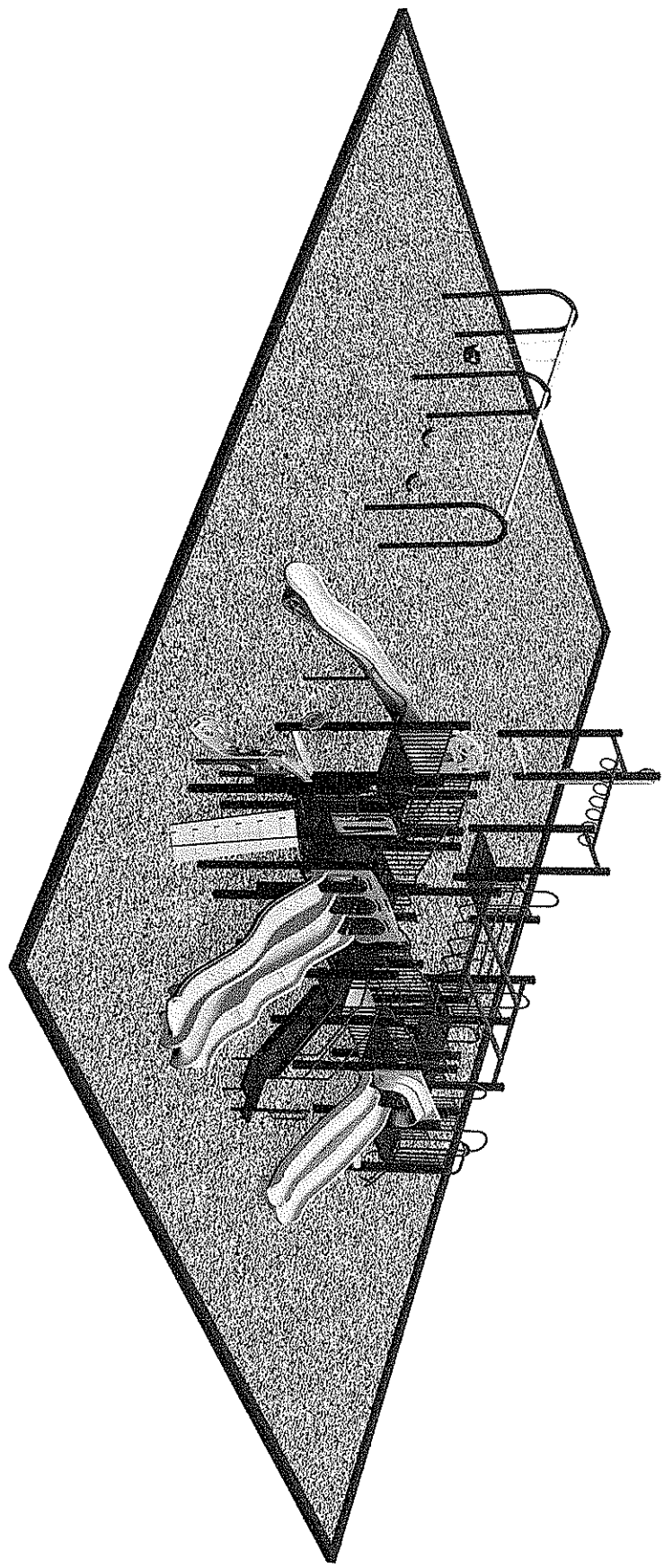
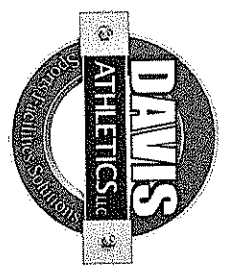
Product and materials have been deemed in compliance with Section 101 Lead Paint Rule of the Consumer Product Safety Improvement Act of 2008 (CPSIA).

Lab:	Address:	Date:	Accredited
Scientific Control Laboratories	16100 S.Lathrop Ave, Henry, IL	1/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	2/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	12/1/2008	Yes

For information regarding test results please contact Henderson Recreation 1-800-265-5462

Cedar Creek West Virginia State Park - Area 4

Model No. PF09682R0



- Powder-Coated Metal Colours**
- Red
 - Orange
 - Yellow
 - Light
 - Teal
 - Green
 - Blue
 - Violet
 - Purple
 - Brown
 - Silver
 - Brown
 - Black
 - White

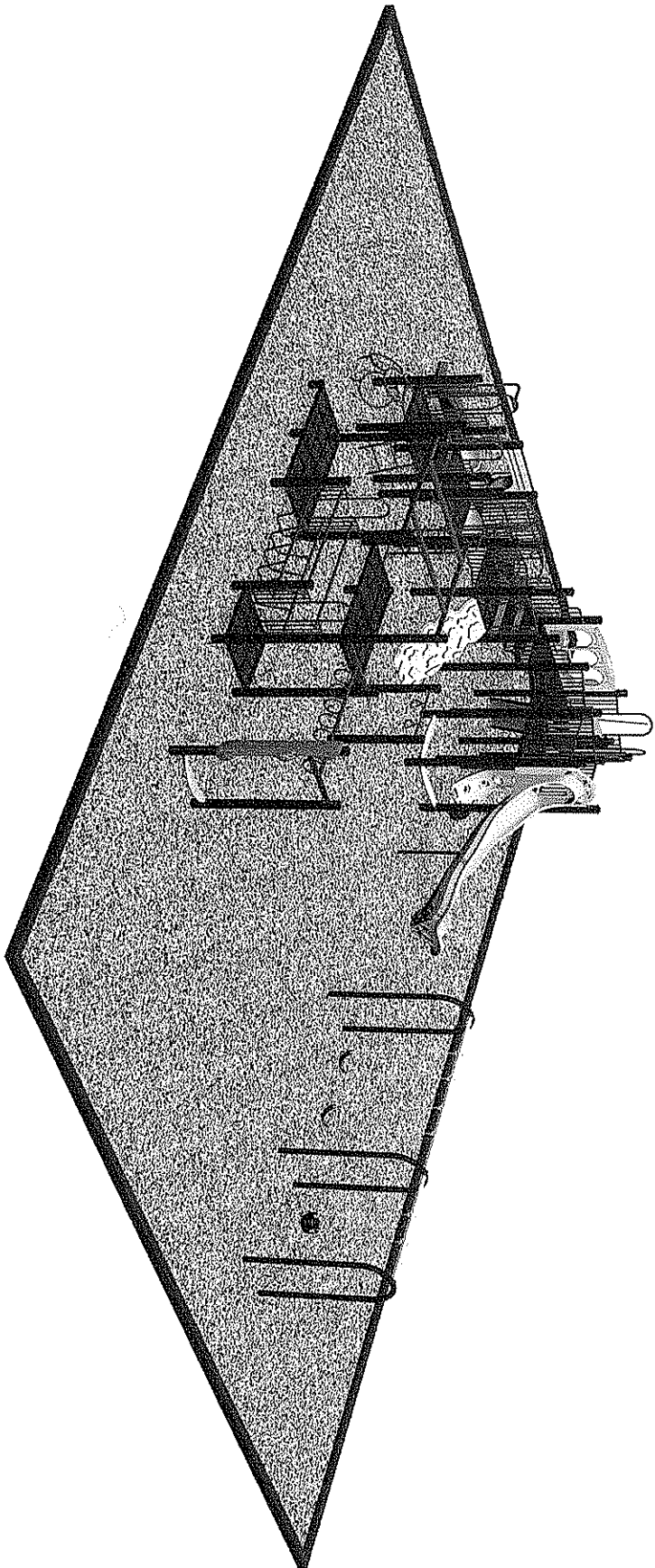
- HDPE Colours**
- Red
 - Orange
 - Yellow
 - Light
 - Teal
 - Green
 - Blue
 - Violet
 - Purple
 - Brown
 - Silver
 - Brown
 - Black
 - White

- Non-Modded Plastic Colours**
- Light
 - Yellow
 - Orange
 - Red
 - Purple
 - Blue
 - Green



Cedar Creek West Virginia State Park - Area 4

Model No. PF09682R0



- Powder-Coated Metal Colours**
- Red
 - Orange
 - Yellow
 - Light Green
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Tan
 - Silver
 - Brown
 - Black
 - White
- As shown from front view perspective
- HDPE Colours**
- Light Green
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Tan
 - Silver
 - Brown
 - Black
 - White
- Roto-Molded Plastic Colours**
- Light Green
 - Green
 - Blue
 - Violet
 - Purple
 - Burgundy
 - Tan
 - Silver
 - Brown
 - Black
 - White



PLAY STEEL

Henderson-recreation

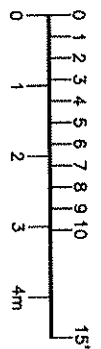
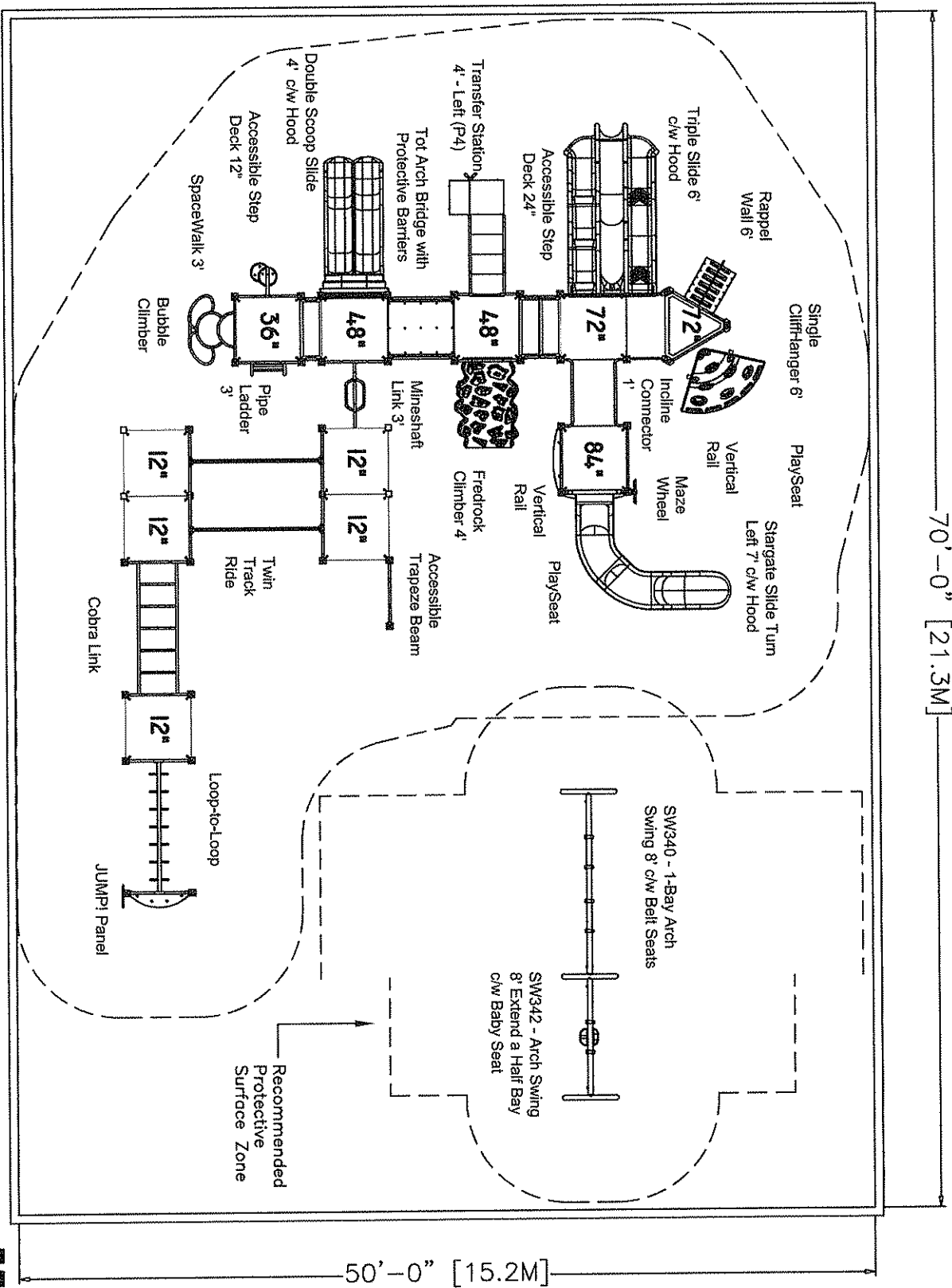
1-800-265-5462

Model # PF09682R0

Davis Athletics

Cedar Creek West Virginia State Park - Area 4

70'-0" [21.3M]



WARNING
 This equipment is intended for use on a soft surface such as sand, rubber mulch, or pea gravel. Failure to use a soft surface may result in injury or death.
 Best User Age: 5 to 12
 Accessibility: Yes

Colour:
 Posts: Brown
 Accent: Green
 Recycled Plastic: Tan
 3/4" Plastic: Tan/Green
 Other:

Surfacing Type: Wood Ch
Border Area: 3500
Border Perimeter: 240
Installation Style:
Inground: 36"
Footing Quantity: 0

Compliance:
 ASTM F 1487, CPSC
 Sales Rep: F.D.

Note:
 All border dimensions are inside border measurements. A play structure dimensions are center-to-center of the post unless otherwise noted. The locations of all telephone hydro cable, water, gas and drainage lines must be clearly marked by the customer prior to the playground installation.
 All playgrounds must be installed with appropriate resiliency surfacing and safety zones to meet the required guidelines of the latest CAN/CSA-2614 (C01 or ASTM F 1487 (USA) release. The playground installation must be properly prepared to Henderson Recreation specifications prior to installation. Henderson Recreation assures the playground installation site has normal soil and digging conditions. Please notify us of any unusual soil conditions.
 Henderson Recreation Equipment Ltd. contributes to product development and improvement and therefore reserves the right to improve, alter or discontinue products specifications without notice.

***Attention:**
 No-encroachment zones are adjacent to but outside of the safety surface and must be free of any obstacles that impede traffic flow around the safety surface area. No-encroachment zones that are within the safety surface area must be free of obstacles.

Drawn By: R.H.
 Date Drawn: October 5, 2008
 Revised By:
 Revision Date:
 Scale: See Key



Play Structure General Specifications

Playground Equipment Designs

It is the opinion of the manufacturer that playground equipment designs are developed in compliance with the most recent published edition of the following safety standards:

- CAN/CSA-Z614 Children's PlaySpaces and Equipment
- ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
- U.S. Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety
- Americans with Disabilities Act (ADA) accessibility standards

Steel Components

Steel tube components are Allied Flo-Coat® galvanized steel tube with 0.6 mil (0.015mm) zinc coating and 0.5 mil (0.013mm) internal corrosion coating. Steel tube components comply with ASTM standards A-500 or A-513. All other steel is zinc-coated, hot-dipped galvanized, Plastisol-coated, or powder-coat painted, as specified. Steel tube components contain between 30% and 100% recycled content. Steel tube components are 95-98% recyclable.

Uprights

PlaySteel vertical uprights are 4" (102mm) square x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Outer surfaces are zinc-plated and inner surfaces are treated to resist corrosion. All posts are powder-coat painted. PlaySteel post caps are alloy 319 cast aluminum with 0.1875" (5mm) top thickness, 0.125" (3mm) side thickness, and 0.34375" (9mm) corner thickness. Post caps are secured to posts with 10 gauge (3mm) satin-coated steel sheet brackets and mechanical fasteners. Post caps are powder-coat painted to match posts unless otherwise requested.

Decks

PlaySteel 4 decks are a welded assembly of angle, expanded metal, and structural reinforcements. Angle is 2.5" x 2.5" x 0.1875" (64mm x 64mm x 5mm) hot-rolled steel angle. Expanded metal is style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal. Structural reinforcements are 0.125" x 1.5" (3mm x 38mm) zinc-plated hot-rolled mild flat steel. Entire assembly is Plastisol-coated to a depth of 0.15" (4mm) after fabrication. Decks are pre-punched to receive components.

Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

consists of either a multiple bath system including a rust-prohibitive iron phosphate wash or sandblasting. Parts are free of excess weld splatter.

Powder-Coat Paint Finish

Polyester dry powder-coating is electrostatically applied and oven cured at 400°F (200°C). Finished membrane is 3-5 mil (0.076-0.127mm) and includes additives for resistance to ultraviolet (U.V.) degradation. Finished membrane complies with the following performance standards:

- ASTM D 522 (Mandrel Bending)
- ASTM D 2794-90 (Impact)
- ASTM B 117-90 (Salt Spray Resistance)
- ASTM D 3359B (Cross Hatch Adhesion)
- ASTM D 2247-87 (Humidity Resistance)
- ASTM D 3363 (Pencil Hardness)
- ASTM D 822 (Weatherability)
- ASTM D 2454 (Overbake Resistance)

Welded Components

Welded components are Canadian Welding Bureau (CWB) certified under CSA standards W47.1 Div. 2.1 and W47.2 Div. 2.1.

Plastisol Coating

Plastisol coating is Denflex PX-12412 poly-vinyl-chloride with an average thickness of 0.15" (4mm) unless otherwise specified. Prior to coating, parts are chemically washed with phosphate coat 4013A, treated with a spray-on primer at room temperature, and allowed to dry completely. Parts are heated to 350°F (176°C) internal temperature for 3.5 minutes in an 800°F (427°C) oven and submerged in Plastisol. Coated parts are cured in a liquid salt bath at 395°F (202°C). Coating contains flame-retardant additive, ultraviolet (U.V.) ray stabilizer to maintain colour, and fungastat to improve resistance to fungal growth. Tensile strength is 2300 lb/in² (15858.5 kPa), tear strength is 419 lb/in (74.8 kg/cm), ultimate elongation is 250%, and shore "A" durometer is 95 +/- 2. Materials comply with the following performance standards:

- ASTM D 624 (Tear Strength)
- ASTM D 412 (Tensile Strength)

Hardware and Fasteners

All hardware and fasteners are treated to resist corrosion. Hardware and fasteners are tamper resistant unless otherwise specified. All necessary hardware and fasteners are provided.

Rotationally-Moulded Plastic Parts

Rotationally-moulded plastic parts are moulded from linear medium-density polyethylene resin with ultraviolet (U.V.) light stabilizers and colour moulded in. Rotationally-moulded plastic parts have an average wall thickness ranging from 0.125" (3mm) to 0.375" (10mm), as specified. Rotationally-moulded plastic parts comply with the following performance standards:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)
- ARM-STD (Low Temperature Impact)

0.75" (19mm) Sheet Polyethylene Parts

0.75" (19mm) sheet polyethylene parts are stress-relieved high-density polyethylene with ultraviolet (U.V.) light stabilizers and anti-static guard. Sheet polyethylene parts contain maximum 67% recycled content and are 100% recyclable. Materials comply with:

- ASTM D 790 (Flex Modulus)
- ASTM D 638 (Tensile Strength)
- ASTM D 648 (Heat Distortion Temperature)

Recycled Plastic

Recycled plastic is injection moulded 100% solid blended recycled plastic consisting of 96% polyolefins (HDPE/LDPE/PP), 2% PET, 1% PS, and 1% other. Recycled plastic is ultraviolet (U.V.) light resistant, skid resistant when wet, resistant to infestation by borers, and will not leach. Recycled plastic contains no preservatives. Specific gravity is 0.96. Expansion and contraction with 122°F (50°C) temperature variation is 0.3%. Melting point is 374°F (190°C). Compression strength is 1200 to 2400 lb/in² (8274 to 16548 kPa) depending on profile. No absorption, solubility, or evaporation.

Activity Panels

Vertical Rail

Vertical Rail is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Adapters

PF Hex Post Adapter Left 46"

Hex Post Adapter is a welded assembly of 14 gauge (2mm) satin-coated steel sheet and 10 gauge (3mm) satin-coated steel sheet. Entire assembly is powder-coat painted.

PF Hex Post Adapter Right 46"

Hex Post Adapter is a welded assembly of 14 gauge (2mm) satin-coated steel sheet and 10 gauge (3mm) satin-coated steel sheet. Entire assembly is powder-coat painted.

Bridges & Connectors

Incline Connector 1'

Incline Connector is a mechanical assembly of frame, handrails, plastic incline, and connecting lugs. Frame is a welded assembly of 1.5" x 3" (38mm x 76mm) rectangular x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 10 gauge (3mm) satin-coated steel sheet. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Plastic incline is minimum 0.625" (16mm) anti-skid marine-grade polymer. Connecting lugs are 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame, handrails and connecting lugs are powder-coat painted.

Tot Arch Bridge with Protective Barriers

Tot Arch Bridge is a mechanical assembly of frame, handrails, and deck cladding. Frame is a welded assembly of 0.375" x 4" (10mm x 102mm) zinc-plated hot-rolled mild flat steel, and 2" x 2" x 0.125" (51mm x 51mm x 3mm) hot-rolled steel angle. Handrails are a welded assembly of structural rails and vertical infill rails. Structural rails are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Vertical infill rails are 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Handrails and frame are powder-coat painted. Deck cladding is 1.5" x 3.5" (38mm x 89mm) recycled plastic.

Climbing Activities

Bubble Climber

Bubble Climber is a mechanical assembly of climber and safety hoop. Climber is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 2.25" (6mm x 57mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Fredrock Climber 4'

Fredrock is a mechanical assembly of climbing wall, ground leg, mounting brackets, and safety hoop or safety railing, as specified. Climbing wall is rotationally-moulded medium-density polyethylene with an average wall thickness of

0.3" (8mm). Ground legs are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.125" x 1" x 1" (3mm x 25mm x 25mm) hot-rolled steel angle, and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel. Mounting brackets are 10 gauge (3mm) satin-coated steel sheet. Safety hoop/railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Ground leg, mounting brackets, and safety hoop/railing are powder-coat painted.

Pipe Ladder 3'

Pipe Ladder is a mechanical assembly of ladder and safety hoop. Ladder is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

Rappel Wall 6'

Rappel Wall is a mechanical assembly of wall, ground legs, and safety hoop. Wall is a mechanical assembly of plastic and frame. Plastic is a mechanical assembly of 0.75" (19mm) high density polyethylene. Frame is a welded assembly of 1.5" x 1.5" (38mm x 38mm) rectangular x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame, ground legs, and safety hoop are powder-coat painted.

SpaceWalk 3'

SpaceWalk is a mechanical assembly of climber, safety railing, and pole frame. Climber is a mechanical assembly of frame and pods. Frame is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) hot-rolled mild flat steel. Pods are minimum 0.625" (16mm) anti-skid marine-grade polymer. Safety railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and

0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Pole frame is a welded assembly of 1.9" (48mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Frame, safety railing and pole frame are powder-coat painted.

Decks

Launch Pad

Launch Pad is a mechanical assembly of frame and plastic. Frame is a welded assembly of 1.5" (38mm) square x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Frame is powder-coat painted. Plastic is 0.75" (19mm) anti-skid marine-grade polymer.

P4 Square Deck - Punched

Square Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 2146 in² (1.38m²).

P4 Triangle Deck - Punched

Triangle Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 1197 in² (0.77m²).

Links

Cobra Link

Cobra Link is a mechanical assembly of link, safety hoops, and guardrails. Link is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube structural rails, and 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube rungs. Safety hoop is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel. Guardrails are 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Entire assembly is powder-coat painted.

Overhead Activities

Accessible Trapeze Beam

Accessible Trapeze Beam is a mechanical assembly of ring beam and rings. Ring beam is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Rings are a welded assembly of 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Rings are suspended from a lubricated bearing with mechanical hardware. Ring beam and rings are powder-coat painted.

Loop-to-Loop

Loop-to-Loop is a mechanical assembly of loop beam, support bar, and brackets. Loop beam is a welded assembly of 2.375" (60mm) O.D. x 10 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 10 gauge (3mm) satin-coated steel sheet. Support bar is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Brackets are 10 gauge (3mm) satin-coated steel sheet. Entire assembly is powder-coat painted.

Twin Track Ride

Twin Track Ride is a mechanical assembly of tracks, support bars, trolleys, and handles. Tracks are a mechanical assembly of 11 gauge (3mm) mild steel, 22 gauge (1mm) electroplated chrome mild steel, and 22 gauge (1mm) electroplated chrome mild steel. Tracks are galvanized or phenolic coated. Support bars are a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 2.5" (5mm x 64mm) zinc-plated hot-rolled mild flat steel, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Support bars are powder-coat painted. Trolleys are formed zinc-plated mild steel with sealed steel ball bearing plastic wheels. Handles are a welded assembly of 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.3125" x 3" (8mm x 76mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 1.5" (6mm x 38mm) zinc-plated hot-rolled mild flat steel. Handles are powder-coat painted.

Slide Hoods

New Style Double Slide Plastic Hood (SPI)

Double Poly Slide Plastic Hood is rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

Slides

Double Scoop Slide 4' (SPI)

Double Poly Slide is a mechanical assembly of slide angle, ground leg mount, ground legs, string guards, and slide. Slide angle is 10 gauge (3mm) satin-coated steel sheet. Ground leg mount is a welded assembly of 1" x 1" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. String guards are 0.75" (19mm) high-density polyethylene. Slide is one-piece, double-wall, rotationally-moulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide has no seams, joints, or exposed hardware. Slide bed is minimum 16" (406mm) wide. Slide angle, ground leg mount, and ground legs are powder-coat painted.

Stargate Slide Turn Left 7'

Stargate Slide is a mechanical assembly of slide, slide brackets, and ground legs. Slide is multiple-piece, double wall, rotationally-moulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide brackets are a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Ground legs are a mechanical assembly of leg and mount. Leg is 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Mount is a welded assembly of 1" x 1" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel. Slide brackets and ground legs are powder-coat painted.

Triple Slide 6'

Triple Poly Slide is a mechanical assembly of slide, slide entrance panel, ground legs, and slotted panel. Slide is one-piece, double-wall, rotationally-moulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide has no seams, joints, or exposed hardware. Slide beds are minimum 16" (406mm) wide. Slide entrance panel is a mechanical assembly of plastic, angle, and frame. Plastic is 0.75" (19mm) sheet polyethylene. Angle is 10 gauge (3mm) satin-coated steel sheet. Frame is a welded assembly of 0.75" x 1.5" (19mm x 38mm) rectangular x 16 gauge (2mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Ground legs are a mechanical assembly of legs and mounts. Legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Mounts are a welded assembly of 1" x 1" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hot-

rolled mild flat steel. Slotted panel is a mechanical assembly of brackets and plastic. Brackets are a welded assembly of 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Plastic is 0.75" (19mm) sheet polyethylene. Steel parts are powder-coat painted.

Social Play Activities

PlaySeat

PlaySeat is a mechanical assembly of frame and plastic. Frame is a welded assembly of 1.5" (38mm) square x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 4" (6mm x 102mm) zinc-plated hot-rolled mild flat steel, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Seat frame is powder-coat painted. Plastic is 0.75" (19mm) sheet polyethylene.

Stairs & Access Points

Accessible Step Deck 12"

Accessible Step Deck is a mechanical assembly of step deck, handrails, and infills. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Handrails are powder-coat painted. Infills are 0.75" (19mm) sheet polyethylene.

Accessible Step Deck 24"

Accessible Step Deck is a mechanical assembly of step deck, handrails, and infills. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handrails are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Handrails are powder-coat painted. Infills are 0.75" (19mm) sheet polyethylene.

Swings

1-Bay Arch Swing 8'

Arch Swing is a mechanical assembly of top bar, swing bearings, and end frames. Top bar is 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube. Swing bearings are a mechanical assembly of upper and lower bracket. Upper bracket is 0.1875" x 2" (5mm x 51mm) hot-rolled mild flat steel. Lower bracket is a mechanical assembly of hanger and swivel bearing. Hanger is a welded assembly of 0.1875" x 2" (5mm x 51mm) hot-rolled mild flat steel and 0.1875" x 1.75" (5mm x 44mm) hot-rolled mild flat steel. Swivel bearing is a welded assembly of 1" (25mm) schedule 40 black steel pipe, 0.375" (10mm) O.D. hotrolled steel bar, 1.03" (26mm) O.D. x 0.51" (13mm) I.D. Nylatron® bushing, 0.5" (13mm) machine bolt, and 0.5" (13mm) lock nut. Swing bearings are hot-dipped galvanized. End frames are a welded assembly of 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube, 3" (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube.

Arch Swing 8' Extend a Half Bay

Arch Swing is a mechanical assembly of top bar, swing bearings, and end frames. Top bar is 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube. Swing bearings are a mechanical assembly of upper and lower bracket. Upper bracket is 0.1875" x 2" (5mm x 51mm) hot-rolled mild flat steel. Lower bracket is a mechanical assembly of hanger and swivel bearing. Hanger is a welded assembly of 0.1875" x 2" (5mm x 51mm) hot-rolled mild flat steel and 0.1875" x 1.75" (5mm x 44mm) hot-rolled mild flat steel. Swivel bearing is a welded assembly of 1" (25mm) schedule 40 black steel pipe, 0.375" (10mm) O.D. hotrolled steel bar, 1.03" (26mm) O.D. x 0.51" (13mm) I.D. Nylatron® bushing, 0.5" (13mm) machine bolt, and 0.5" (13mm) lock nut. Swing bearings are hot-dipped galvanized. End frames are a welded assembly of 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube, 3" (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube.



ASTM-F1487 Compliance Certificate

Organization: Cedar Creek State Park

Project:

Model: PF09682R0

Compliance with Play Equipment Standards

Henderson Recreation Equipment Limited warrants that its products are designed and manufactured to meet or exceed the requirements of the most current edition of the ASTM F1487, "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use" at the time of installation or shipment of the product. For a period of 12 months from the date of installation or shipment, should a non-compliance to the Standard be identified that is caused by improper design, manufacturing or original installation procedure, Henderson Recreation Equipment Limited will make the necessary corrections to the equipment at its cost.

- This ASTM compliance certificate does not apply when the cause of the non-compliance is the result of the following:
- Oversight by owner/operator or its designated inspectors that are not identified within the 12 month warranty period
 - Oversight by third party inspectors that are not identified within the 12 month warranty period
 - Failure of owner/operator to report any non-compliance to Henderson Recreation within the 12 month warranty period
 - Vandalism

Regarding Supply and Installation of Playground Equipment Only

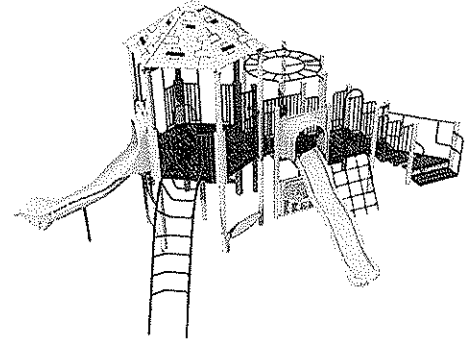
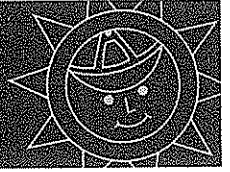
This will confirm that the play ground equipment offered by Henderson Recreation is designed to comply with the most current edition of ASTM F1487, "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use". In addition, Henderson Recreation Equipment Limited will undertake to ensure that the installation of the playground equipment proposed complies with the above mentioned standard if the equipment is installed by Henderson Recreation Equipment Limited or its designated agent.

- Abuse
- Damage caused by natural occurrences
- Improper maintenance procedures by owner/operator or designate
- Equipment alterations that are not performed by Henderson Recreation
- Amendments or complete revisions to CAN/CSA-Z614 or ASTM F1487
- Requirements exceeding the scope of CAN/CSA-Z614 or ASTM F1487 that are mandated by various licensing, regulatory or governmental authorities
- Comments and observations offered by play space inspectors related to the design, manufacture and installation of the equipment that exceed or are outside of the scope of CAN/CSA-Z614 or ASTM F1487

Yours truly,

Gordon Henderson, President
Henderson Recreation Equipment Limited

Henderson
recreation equipment limited



Certificate of CPSIA Compliance

Customer: Cedar Creek State Park

Model Number: PF09682R0

Product and materials have been deemed in compliance with Section 101 Lead Paint Rule of the Consumer Product Safety Improvement Act of 2008 (CPSIA).

Lab:	Address:	Date:	Accredited
Scientific Control Laboratories	16100 S.Lathrop Ave, Henry, IL	1/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	2/23/2009	Yes
St. Louis Testing Laboratories	2810 Clark Avenue, St. Louis, MO	12/1/2008	Yes

For information regarding test results please contact Henderson Recreation 1-800-265-5462

Henderson
recreation equipment limited

Warranty

Lifetime* limited warranty on bolt-through fastening system against structural failure due to corrosion or deterioration caused by defects in materials or workmanship.

20 Year* limited warranty on Mighty Shades™ steel framework against structural failure due to corrosion or deterioration caused by defects in materials or workmanship.

10 Year* limited warranty on polyethylene components, sheet plastic, decks and Geodes™ against structural failure due to corrosion or deterioration caused by defects in materials or workmanship.

10 Year* limited warranty on Mighty Shades™ fabric against deterioration, rot, or faulty workmanship, including seam failure.

One Year* General Warranty

Limited 1-Year Warranty on all other moving parts, swing seats, and any other materials not covered above. Henderson Recreation will repair or replace all parts of the product or equipment found to be defective free of charge. Warranty periods start at date of invoice.

*** Items Not Covered in the above Warranties**

Product or equipment that is not installed in conformity with the layout plan and/or installation instructions provided by Henderson Recreation; product or equipment that has not been maintained and inspected in accordance with Henderson Recreation's instructions; product or equipment that has been subjected to misuse, negligence or accident; product or equipment that has been subjected to addition, modification, alteration, repair, or part substitution by persons other than Henderson Recreation or Henderson Recreation's designers; labour or damages resulting from vandalism, abnormal use, incorrect installation, and lack of routine maintenance are not covered by the above warranties. These warranties do not include any or all of the following cosmetic issues: scratches, dents, staining, fading of colours, discolouration, normal wear and tear and natural fading, and the weathering of wood, including but not limited to raised grain, splitting, checking, twisting, warping, shrinkage, swelling or any other physical property of the wood. The terms, "rot" and "fungal decay" as used in this warranty mean attack by wood-

Lifetime* limited warranty on steel support posts against structural failure due to corrosion or deterioration caused by defects in materials or workmanship.

15 Year* limited warranty on steel rails, loops and rungs against structural failure due to corrosion or deterioration caused by defects in materials or workmanship.

10 Year* limited warranty on Southern Yellow Pine pressure-treated wood products against structural failure due to insect infestation and fungal decay caused by defects in materials and workmanship.

5 Year* limited Warranty on all Site Amenities, including all benches, tables, litter receptacles and bike racks, against structural failure due to corrosion or deterioration caused by defects in materials and workmanship.

destroying fungi that disintegrate the wood, cell walls, but exclude surface mold and mildew fungi associated with the "weathering of wood." "Weathering" of wood is not decay, fungal decay, or rot of any type or definition. The above warranties are exclusive and in lieu of all other warranties, whether expressed or implied, including but not limited to any warranty of merchantability or fitness for a particular purpose. Further, no representation, oral or written, of any representative of Henderson Recreation may be substituted for the above described limited warranties. To the extent permitted by law, Henderson Recreation shall not be liable for, direct, indirect, special, incidental, or consequential damages which are expressly excluded from the above warranties.

Any freight costs associated with the warranty claim, any costs for dismantling the defective part in order to replace it, and any installation costs associated with the replacement part(s) are not considered part of this warranty and will not be paid by Henderson Recreation. This warranty excludes liability other than that expressly stated, including but not limited to any incidental or consequential damages.

Warranty Claims

To be valid, all warranty claims must be submitted in writing promptly following discovery of the defect(s) and within the specified warranty period. Henderson Recreation requires that all warranty claims be

accompanied by a copy of the original invoice and photograph(s) clearly identifying the defect(s) in question.

Product Replacement

Henderson Recreation Equipment Limited has a commitment to continuous product development and improvement and therefore reserves the right to make approved substitutions in design or specifications.

Loss or Damage In Transit

Henderson Recreation cannot be held responsible for the loss or damage of products by common carriers. Please check the bill of lading carefully to ensure your product is in good order prior to signing it. After the product departs our plants, we are no longer responsible for any loss, damage, or shortage.

Maintenance

The demand for safety requires regular inspection of playground structures for signs of wear and tear. All necessary repairs should be completed promptly by a qualified repair person. For more information on the regulations concerning playground equipment, installation, maintenance, and protective surfacing, please refer to your local and national safety standards.



POWDER COATINGS

REPORT OF ANALYSIS

MATERIAL: 115146, Powder Aluminum
115150, Powder Miracle Red # 30-4227 GPOP Formula
115151, Powder Miracle Orange #2225
115152, Powder Buttercup Yellow #3425
115154, Powder Steelville Brown #4525
115155, Powder Miracle Black #5025

SUBJECT: Lead Content and Soluble Heavy Metals Analysis

STANDARDS: Consumer Product Safety Improvement Act (CPSIA)
H.R. 4040, 16 CFR 1303.1, ASTM F 963 - 07

TEST METHODS: ASTM E 1613 - 04 (ICP-AES)
ASTM F 963 - 07

UNITS: Parts per Million (ppm)

RESULTS:

Substance	Aluminum	Miracle Red	Miracle Orange	Buttercup Yellow	Steelville Brown	Miracle Black	Maximum Allowable	Method Detection Limit
Total Lead	<80	<80	<80	<80	<80	<80	90	80
Soluble Antimony	<2	<2	<2	<2	<2	<2	60	2
Soluble Arsenic	<5	<5	<5	<5	<5	<5	25	5
Soluble Barium	8	382	391	4	384	407	1000	5
Soluble Cadmium	<2	<2	<2	<2	<2	<2	75	2
Soluble Chromium	<2	<2	<2	<2	<2	<2	60	2
Soluble Lead	<2	<2	<2	<2	<2	<2	90	2
Soluble Selenium	<10	<10	<10	<10	<10	<10	500	10
Soluble Mercury	<60	<60	<60	<60	<60	<60	60	60
Result	Pass	Pass	Pass	Pass	Pass	Pass	----	----

The samples meet the requirements of the above referenced standards for total lead content and soluble heavy metals.



Certificate No. 0397-01
Certificate No. 0397-02

[Signature]
Robin E. Sinn
Laboratory Director

AN OFFICIAL COPY OF TEST REPORT WILL BE PROVIDED BY THIS LABORATORY ON REQUEST.
NOT OFFICIAL WITHOUT THE RAISED SEAL OF ST. LOUIS TESTING LABORATORIES, INC.
SEE REVERSE FOR CONDITIONS.





POWDER COATINGS

REPORT OF ANALYSIS

MATERIAL: 115146, Powder Safari 33-9800
115150, Powder Deep Red
300010140, Blue
300001800, White
300010141, Gray

SUBJECT: Lead Content and Soluble Heavy Metals Analysis

STANDARDS: Consumer Product Safety Improvement Act (CPSIA)
H.R. 4040, 16 CFR 1303.1, ASTM F 963 - 07

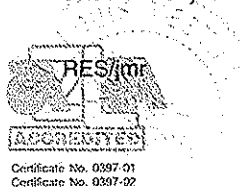
TEST METHODS: ASTM E 1613 - 04 (ICP-AES)
ASTM F 963 - 07

UNITS: Parts per Million (ppm)

RESULTS:

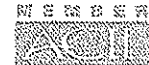
Substance	Safari	Deep Red	Blue	White	Gray	Maximum Allowable	Method Detection Limit
Total Lead	<80	<80	<80	<80	<80	90	
Soluble Antimony	<2	<2	<2	<2	<2	60	2
Soluble Arsenic	<5	<5	<5	<5	<5	25	5
Soluble Barium	275	312	401	403	14	1000	5
Soluble Cadmium	<2	<2	<2	<2	<2	75	2
Soluble Chromium	<2	<2	<2	<2	<2	60	2
Soluble Lead	<2	<2	<2	<2	<2	90	2
Soluble Selenium	<10	<10	<10	<10	<10	500	10
Soluble Mercury	<60	<60	<60	<60	<60	60	60
Result	Pass	Pass	Pass	Pass	Pass	----	----

The samples meet the requirements of the above referenced standards for total lead content and soluble heavy metals.



[Signature]
Robin E. Sinn
Laboratory Director

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POWDER COATINGS

REPORT OF ANALYSIS

MATERIAL: 115580, Powder Hunter Green
115593, Powder Rainforest 33-9808
115594, Powder Habanero 33-9795
115595, Powder Mediterranean Blue
115596, Powder Desert Dunes 33-9793
115597, Powder Mahogany 33-9799

SUBJECT: Lead Content and Soluble Heavy Metals Analysis

STANDARDS: Consumer Product Safety Improvement Act (CPSIA)
H.R. 4040, 16 CFR 1303.1, ASTM F 963 - 07

TEST METHODS: ASTM E 1613 - 04 (ICP-AES)
ASTM F 963 - 07

UNITS: Parts per Million (ppm)

RESULTS:

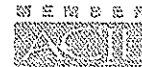
Substance	Hunter Green	Rainforest	Habanero	Mediterranean Blue	Desert Dunes	Mahogany	Maximum Allowable	Method Detection Limit
Total Lead	<80	<80	<80	<80	<80	<80	90	80
Soluble Antimony	<2	<2	<2	<2	<2	<2	60	2
Soluble Arsenic	<5	<5	<5	<5	<5	<5	25	5
Soluble Barium	9	9	269	238	269	257	1000	5
Soluble Cadmium	<2	<2	<2	<2	<2	<2	75	2
Soluble Chromium	<2	<2	<2	<2	<2	<2	60	2
Soluble Lead	<2	<2	<2	<2	<2	<2	90	2
Soluble Selenium	<10	<10	<10	<10	<10	<10	500	10
Soluble Mercury	<60	<60	<60	<60	<60	<60	60	60
Result	Pass	Pass	Pass	Pass	Pass	Pass	---	---

The samples meet the requirements of the above referenced standards for total lead content and soluble heavy metals.



Certificate No. 0397-01
Certificate No. 0397-02

[Signature]
Robin E. Sinn
Laboratory Director



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POWDER COATINGS

REPORT OF ANALYSIS

MATERIAL: 115212, Powder Sand 30-8234
115214, Powder Grape
115217, Powder Lemon
115218, Powder Raspberry
115219, Powder Blueberry
115220, Powder Teal

SUBJECT: Lead Content and Soluble Heavy Metals Analysis

STANDARDS: Consumer Product Safety Improvement Act (CPSIA)
H.R. 4040, 16 CFR 1303.1, ASTM F 963 - 07

TEST METHODS: ASTM E 1613 - 04 (ICP-AES)
ASTM F 963 - 07

UNITS: Parts per Million (ppm)

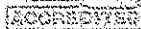
RESULTS:

Substance	Sand	Grape	Lemon	Raspberry	Blueberry	Teal	Maximum Allowable	Method Detection Limit
Total Lead	<80	<80	<80	<80	<80	<80	90	80
Soluble Antimony	<2	<2	<2	<2	<2	<2	60	2
Soluble Arsenic	<5	<5	<5	<5	<5	<5	25	5
Soluble Barium	438	342	364	404	370	380	1000	5
Soluble Cadmium	<2	<2	<2	<2	<2	<2	75	2
Soluble Chromium	<2	<2	<2	<2	<2	<2	60	2
Soluble Lead	<2	<2	<2	<2	<2	<2	90	2
Soluble Selenium	<10	<10	<10	<10	<10	<10	500	10
Soluble Mercury	<60	<60	<60	<60	<60	<60	60	60
Result	Pass	Pass	Pass	Pass	Pass	Pass	----	----

The samples meet the requirements of the above referenced standards for total lead content and soluble heavy metals.

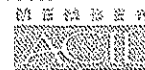


Robin E. Simm
Laboratory Director



Certificate No. 0397-01
Certificate No. 0397-02

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POWDER COATINGS

REPORT OF ANALYSIS

MATERIAL: 115157, Powder Miracle White #6025
115158, Powder Miracle Dark Green #7525
115159, Powder Miracle Royal Blue #8525
115168, Powder Burgandy
115195, Powder Forest Green
115204, Paint Powder Hi-Heat Grill Black

SUBJECT: Lead Content and Soluble Heavy Metals Analysis

STANDARDS: Consumer Product Safety Improvement Act (CPSIA)
H.R. 4040, 16 CFR 1303.1, ASTM F 963 - 07

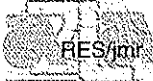
TEST METHODS: ASTM E 1613 - 04 (ICP-AES)
ASTM F 963 - 07

UNITS: Parts per Million (ppm)

RESULTS:

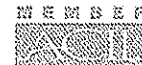
Substance	Miracle White	Miracle Dark Green	Miracle Royal Blue	Burgandy	Forest Green	Hi Heat Grill Black	Maximum Allowable	Method Detection Limit
Total Lead	<80	<80	<80	<80	<80	<80	90	80
Soluble Antimony	<2	<2	<2	<2	<2	<2	60	2
Soluble Arsenic	<5	<5	<5	<5	<5	<5	25	5
Soluble Barium	371	11	339	381	385	87	1000	5
Soluble Cadmium	<2	<2	<2	<2	<2	<2	75	2
Soluble Chromium	<2	<2	<2	<2	<2	<2	60	2
Soluble Lead	<2	<2	<2	<2	<2	<2	90	2
Soluble Selenium	<10	<10	<10	<10	<10	<10	500	10
Soluble Mercury	<60	<60	<60	<60	<60	<60	60	60
Result	Pass	Pass	Pass	Pass	Pass	Pass	----	----

The samples meet the requirements of the above referenced standards for total lead content and soluble heavy metals.



Certificate No. 0387-01
Certificate No. 0397-02

[Signature]
Robin E. Sinn
Laboratory Director



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Ramp System- Rotationally molded from UV stabilized linear low density polyethylene, color HC-BLUE.

Meets ADA Guidelines. Modular Ramp system consists of one entrance ramp, one mounting timber, and one exit ramp. Included in the ramp package are (10) spikes to properly secure the system to the grade. (See dimensions on spec sheet.)

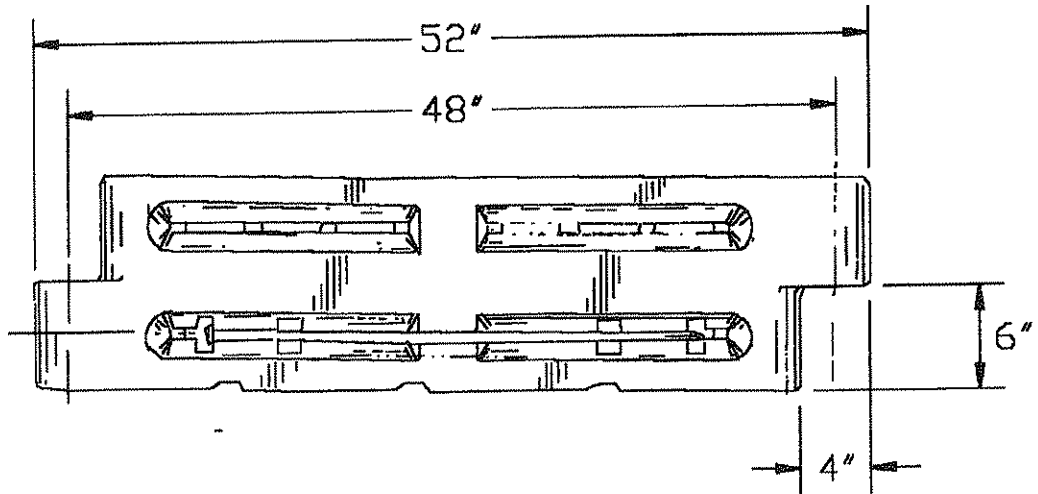
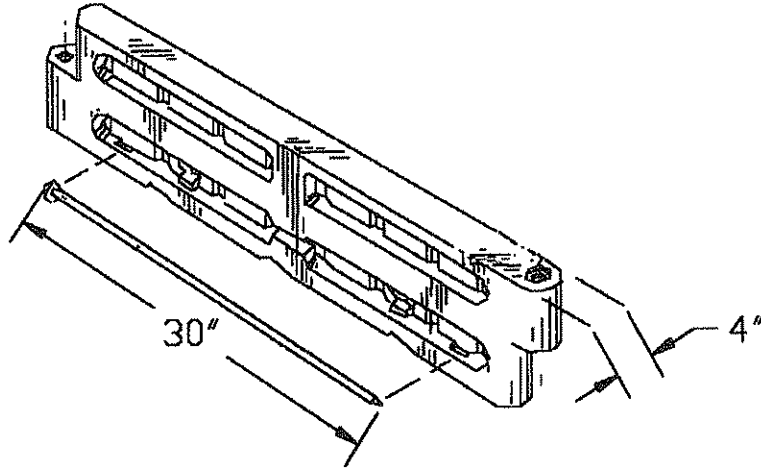
Spikes- $\frac{3}{4}$ " Diameter x 30" long button head, zinc coated steel spikes.

Funtimbers- Molded Polyethylene timber with UV stabilizers. The dimensions are 52" x 8" high x 4" wide.

To: Steve Mull Childforms
Sent by the Award Winning Cheyenne Bitware

From: James E. Dail 336/998-6362

07/23/01 15:40:42 Page 1 of 1



WARNING:

Do not install any playground equipment over paved surfaces such as concrete or asphalt. The complete area, including the space under and around all playground equipment, must be covered with an impact-absorbing material.

childforms
110 Charleston Dr.
Suite 106
Mooresville, NC 28117

Tel: 800-447-3349
Fax: 704-664-1409
Email: info@childforms.com
Website: www.childforms.com



Detroit Testing Laboratory, Inc.

7111 E. 11 Mile Road, Warren, MI 48092-2709 • (810) 754-9000 • FAX (810) 754-9045 • www.dtl-inc.com

TEST REPORT

HAESSLY HARDWOOD LUMBER
ROUTE 1, BOX 185
MARIETTA OH 45750

DTL REPORT NO	060157
REPORT DATE	2/8/01
RECEIVE DATE	1/25/01
CUSTOMER REF	00051

ATTN: Mr. Phil Fleming

SAMPLE DESCRIPTION

Wheelchair Accessibility:

- Haessly Hardwood Lumber submitted approximately sixty (60) cubic feet of loose fill material to be tested, identified by Haessly Hardwood Lumber as wood fiber. Testing performed February 5, 2001.

Head Impact Attenuation:

- Haessly Hardwood Lumber submitted an additional ten (10) cubic feet of loose fill material to be tested, identified by Haessly Hardwood Lumber as wood fiber. Testing performed February 4, 2001 through February 5, 2001.

WORK REQUESTED/TEST SPECIFICATIONS

Wheelchair Accessibility:

- Wheelchair work measurement method straight propulsion with no material on a flat surface with a grade of 7.1% (1:14).
- Wheelchair work measurement method straight propulsion with material and no grade.
- Wheelchair work measurement method turning 90° with no material on a flat surface with a grade of 7.1% (1:14).
- Wheelchair work measurement method turning 90° with material and no grade.

ASTM F1951-99 Determination of Accessibility of Surface Systems Under and Around Playground Equipment.

Page 1 of 1

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WORK REQUESTED/TEST SPECIFICATIONS CONTINUED

Head Impact Attenuation:

- To perform head impact testing to determine the maximum critical fall height of 16" compacted to 12" loose fill material (wood fiber) at three (3) temperatures (-1°C, 23°C and 49°C).
- Loose fill (wood fiber) compacted from a depth of 16" to 12" using an 8" x 8" hand tamper.

ASTM F1292-99 Impact Attenuation of Surface Systems.

CONCLUSION

Wheelchair Accessibility:

- The average work force per meter measured lower than when rolling over the loose fill wood fiber material than when rolling on a flat surface with a 7.1% (1:14) grade. The tested material passed the specification requirement.

Head Impact Attenuation:

- The maximum critical fall height for 16" of loose fill (wood fiber) material compacted to a depth of 12" was determined to exceed Detroit Testing Laboratory's maximum test parameters of 13 (thirteen) feet.

TEST RESULTS

Wheelchair Accessibility:

Procedure:

- Test material was placed into fixture, then tested rolling wheelchair with four (4) even pushes across material within seven (7) seconds. This procedure was repeated five (5) times for each test (straight and turn).

HAESSLY HARDWOOD LUMBER
DTL REPORT NO 060157
2/8/01

TEST RESULTS CONTINUED

Results:

Run #	No Material (work per meter)	With Material (work per meter)
Straight Run 1	12.039	10.783
Straight Run 2	12.326	10.271
Straight Run 3	11.869	10.434
Straight Run 4	11.872	10.978
Straight Run 5	12.283	10.454
AVERAGE	12.064	10.557
Turn Run 1	11.389	10.437
Turn Run 2	10.536	10.583
Turn Run 3	11.431	9.781
Turn Run 4	11.376	10.953
Turn Run 5	11.419	10.696
AVERAGE	11.393	10.572

ASTM 1951-99 work per meter average was determined discarding the high and low work per foot values and averaging the remaining three (3) trials.

- Average work per meter straight, no material, grade of 7.1% (1:14) – 12.064
- Average work per meter straight with material = 10.557
- Average work per meter turn, no material, grade of 7.1% (1:14) = 11.393
- Average work per meter turn, with material = 10.572

Requirements:

- The average work per meter values for straight propulsion and for turning with material should be less than the average of work per meter for straight and turning on flat surface with a grade of 7.1% (1:14).

TEST RESULTS CONTINUED

Head Impact Attenuation:

Procedure:

- Samples were tested to determine the maximum critical fall height of 16" loose fill (wood fiber) material compacted to 12" at temperatures of -1°C, 23°C and 49°C. An impact test consists of three (3) drops at the same impact site at each height. Calculate the average of the second and third drops.

Results: 16" Wood Fiber Compacted to 12" Depth, 49°C Hot Temperature

DROP	HEIGHT	HIC	AVERAGE HIC	PEAK	PEAK AVERAGE
1	11'	276.04		63.43	
2	11'	330.70		80.85	
3	11'	397.41		88.06	
			364.06		84.46
1	12'	430.08		90.80	
2	12'	501.11		99.25	
3	12'	581.54		107.71	
			541.33		103.48
1	13'	587.27		100.75	
2	13'	628.40		111.69	
3	13'	688.10		118.66	
			658.25		115.18

HAESSLY HARDWOOD LUMBER
 DTL REPORT NO 060157
 2/8/01

TEST RESULTS CONTINUED

Results: 16" Wood Fiber Compacted to 12" Depth, -1°C Cold Temperature

DROP	HEIGHT	HIC	AVERAGE HIC	PEAK	PEAK AVERAGE
1	11'	319.92		66.92	
2	11'	398.99		86.82	
3	11'	452.93		94.78	
			421.46		90.80

1	12'	457.37		89.80	
2	12'	492.75		100.00	
3	12'	585.08		107.71	
			538.92		103.86

1	13'	582.64		101.74	
2	13'	686.97		115.67	
3	13'	706.62		120.65	
			696.80		118.16

Results: 16" Wood Fiber Compacted to 12" Depth, 23°C Ambient Temperature

DROP	HEIGHT	HIC	AVERAGE HIC	PEAK	PEAK AVERAGE
1	11'	500.25		91.79	
2	11'	545.68		102.74	
3	11'	590.01		106.72	
			567.85		104.73

1	12'	502.30		96.77	
2	12'	590.99		108.71	
3	12'	594.95		107.71	
			592.97		108.21

1	13'	588.48		102.74	
2	13'	685.82		115.42	
3	13'	686.50		117.16	
			686.16		116.29

TEST RESULTS CONTINUED

Requirements:

ASTM F1292-99 using an average of the last two of three drops, no value shall exceed 200 G-max or 1000 HIC.

TEST EQUIPMENT

Detroit Testing Laboratory, Inc.'s calibration system meets the requirements of ANSI/NCSL Z540-1-1994.

Wheelchair Accessibility:

- DTL Wheelchair Accessibility Fixture
- Strain Gauge Reaction Torque Sensor, Lebow, Model 2110-110-500, ID #09715-Z, Calibrated to 8/14/01
- Signal Conditioner, Datronics, Model 3370, ID #09365, Calibrated to 3/13/01
- Digital Protractor, Mitutoyo, Model Pro 360, ID #08696, Calibrated to 6/9/01
- Quickie Wheelchair, Model Q2
- Digital Humiguide, Taylor, Model 5566, ID #09887, Calibrated to 6/13/01
- Tape Measure, ID #10043, Calibrated to 12/6/01
- Four (4) Foot Level
- 8" x 8" Ludel Tamper, Heat Treated Steel
- Temperature Probe, Fluke 51 K/J Thermometer, ID #08233, Calibrated to 8/18/01

Head Impact Attenuation Test:

- HIC Computer IV, K.M.E., Model 300 Series, ID #08932, Calibrated Before Use
- Accelerometer, Piezotronic, Model ID #09240, Calibrated to 10/25/01
- DTL Impact Tower, guided wire
- ANSI "C" Headform, per designation F355-95
- Environmental Chambers:
 - 1st Thermotron, ID #EC004, Calibrated to 6/6/01
 - 2nd Thermotron, ID #EC046, Calibrated to 3/15/01
- Thermometer, Fluke 51 K/J, ID #08233, Calibrated to 8/18/01
- Digital Humiguide, Taylor, Model #5566, ID #09887, Calibrated to 6/13/01
- 8" x 8" Ludel Tamper, heat treated steel

REMARKS

- Wheelchair Rider Weight = 174.5 lbs.
- Total Weight (rider and wheelchair combined) = 207.6 lbs. 40% \pm 2% of the rider's total weight supported by the front caster with the rear wheels supporting 60% \pm 2% of the total weight.
- Ambient Atmospheric Temperature = 71.6°F
- Sample Temperature = 70.8°F
- Sample material was installed in 4" layers and tamped using an 8" x 8" hand tamper, attaining a 12" depth

SAMPLE DISPOSITION

The sample will retained for thirty (30) days and then disposed of at the discretion of DTL unless otherwise instructed.

Reported by:

DETROIT TESTING LABORATORY, INC.



Michael Mullinax
Certification Test Technician
Certification Test Services



Keith G. Shelton
Certification Program Coordinator
Certification Test Services

MM/KGS/cr

Enclosure: Terms and Conditions

Detroit Testing Laboratory, Inc.

TERMS AND CONDITIONS

The following terms and conditions apply to all work performed by Detroit Testing Laboratory, Inc. (DTL), unless specifically exempted in writing by an officer of DTL. To the extent the client proposes terms and conditions different from or in addition to those set forth below, DTL shall not be deemed to have agreed to any such terms or conditions unless it specifically and explicitly does so in writing by an officer of DTL.

1. DTL represents to the client that testing is done in accordance with standard procedures as applicable and that reported test results are accurate within generally acceptable commercial ranges of accuracy, unless another measure of accuracy has been agreed to in writing by DTL and the client.
2. DTL reports apply only to the specific samples tested under stated test conditions and test results are not necessarily indicative of the qualities of apparently identical or similar test or operating conditions. DTL shall have no liability for any deductions, inferences or generalizations drawn by the client or others from DTL reports.
3. DTL performs services and hence its work and reports are not governed by the Uniform Commercial Code. Except as stated in paragraph 1, DTL disclaims all warranties, express or implied, including any warranties of merchantability or fitness for a particular purpose. DTL shall have no liability for incidental or consequential damages of any nature whatsoever.
4. Test reports by DTL and related data and documents of DTL remain the exclusive property of DTL. The client shall not advertise, publish or otherwise communicate in any manner, the name, the seal or service mark, reports, test results, documentation or procedures of DTL, in whole or in part, without prior written approval of an officer of DTL. The client's actual or threatened failure to abide by this paragraph 4 may result in legal action by DTL for injunctive and other relief. In the event DTL seeks injunctive relief, the client will not contest that DTL will suffer immediate and irreparable harm if such relief is not granted.
5. Payment for the services rendered is the obligation of the client issuing the purchase order or accepting the proposal. This obligation is not contingent on any specific result from DTL's services and may not be assigned without the written permission of DTL.
6. If services are to be supplied to a client who has not established credit with DTL, a retainer equal to the estimated cost is required with the order, which retainer may be applied at DTL's option to its final billings.
7. If the service to be performed requires more than one month for completion, DTL will make monthly billings of the approximate percentage of the work completed each month, upon request, supplying with the Interim Invoice a progress report showing accomplishments to date.
8. Terms of DTL invoices shall be net 30 on receipt of invoice. DTL shall have the right to charge interest on all amounts not paid by the due date at the rate of 1% interest per month, compounded monthly, from the due date of payment in U.S. funds.
9. If the client desires forensic testing services, the client must mark each test sample supporting document and the test authorization form conspicuously as "LEGAL". Unless otherwise indicated in writing, prices quoted or charged by DTL do not include charges for any court appearance, expert witness testimony, deposition or affidavit, or preparation thereof, in connection with forensic testing services. Such charges will be computed at DTL's then-prevailing hourly rates, plus expenses. All such charges must be prepaid by the client prior to such appearance, testimony, deposition or affidavit and, where required by law, advance court approval of charges must be obtained by the client at the client's expense.
10. In the event that DTL, as a result of an order or subpoena issued by a court, is called upon to produce or testify in respect to a report, DTL will advise the client of the fact and the time and place of the scheduled hearing, if reasonable advance notice is given to DTL. If the client has any objections to DTL complying with such order or subpoena, it will be the client's obligation to present such objections to the court at or prior to the time specified in such order or subpoena, and to give timely notice to DTL of the results.
11. Samples will be destroyed thirty (30) days after the date of the final report, unless the client indicates otherwise in writing and prepaays before the expiration of said thirty (30) day period and the entire cost of any storing, packaging and shipping the sample(s) by DTL. DTL shall have no obligation to retain its test reports or related data and documents beyond its normal retention periods.
12. Prices quoted by DTL are subject to change if not accepted by the client within thirty (30) days, or if the work involved is not commenced within sixty (60) days of such acceptance through no fault of DTL.
13. DTL's liability for damage to or loss or destruction of the client's property while it is in the possession of DTL will be limited to no more than the amount DTL has agreed to charge the client for the services in connection with which DTL has possession of the property.
14. Any order or agreement for testing services by DTL may be terminated by the client before completion thereof with DTL's written consent, in which event the client shall pay to DTL an amount to be determined by DTL as being sufficient to reimburse DTL for all direct and indirect costs and expenses, including (but not limited to) supplies, materials, labor, and overhead, incurred with respect to the order or agreement through the date of termination.
15. DTL shall not be liable for any failure or delay in performance which is caused in whole or in part by fire, flood, accident, riot, war, operation of law, government action, strikes or other labor disturbances, fuel shortages or any other cause beyond the control of DTL.
16. All contracts between DTL and the client shall be deemed to be made and governed by the laws of the State of Michigan. Any legal action brought by the client against DTL shall be brought in a court of competent jurisdiction in Macomb County, Michigan, or if the action is to be in federal court, in the U.S. District Court for the Eastern District of Michigan, Southern Division.

State of West Virginia VENDOR PREFERENCE CERTIFICATE

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

- 1. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
- 2. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 3. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 4. **Application is made for 5% resident vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
- 5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
- 6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

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

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

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

Bidder: Davis Athletics, LLC Signed: Arnel L Davis
Date: 11-30-09 Title: Owner/Manager

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

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

ANTITRUST:

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

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

LICENSING:

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

CONFIDENTIALITY:

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

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

Vendor's Name: Davis Athletics, LLC
Authorized Signature: Spencer J Davis Date: 11-30-09