



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
DNR209187

PAGE
1

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

VENDOR

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

PARKERSBURG WV 26101

SHIP TO

DIVISION OF NATURAL RESOURCES
HAWKS NEST STATE PARK
177 WEST MAIN STREET
POST OFFICE BOX 857
ANSTED, WV
25812 **304-658-5196**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/07/2009				

BID OPENING DATE: **06/16/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		\$ 28,053.75
<p>PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FOR PLAYGROUND EQUIPMENT FOR HAWKS NEST STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>A MANDATORY PRE-BID MEETING WILL BE HELD ON MAY 20, 2009 AT 10:00 AM AT THE PARK HEADQUARTERS. FAILURE TO ATTEND THE MANDATORY PRE-BID MEETING WILL RESULT IN BID DISQUALIFICATION. AN INDIVIDUAL MAY NOT REPRESENT MORE THAN ONE VENDOR AT THE MANDATORY PRE-BID MEETING.</p> <p>TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. ALL TECHNICAL QUESTIONS WILL BE RESPONDED TO BY ADDENDUM AFTER THE DEADLINE.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH 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</p>						

RECEIVED
 2009 JUN 16 A 10:24
 PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Med Davis* TELEPHONE **304-428-3000** DATE **June 15, 2009**

TITLE **Owner** FEIN **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, this Contract may be deemed null and void, and terminated 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

Hawks Nest State Park Playground Specifications

To supply playground equipment to offer play activities for children ages five (5) to twelve (12) and a multi-station active adult fitness station area at Hawks Nest State Park, Ansted, West Virginia. Fitness area units to be mounted on asphalt surface. Playground equipment to be installed with engineered fiber surface. Park personnel will install all playground and fitness equipment. All items must be F.O.B. Destination. Freight or delivery charges must be included in the price of the goods. Delivery must be made within sixty (60) days of purchase order award. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.

PLAYGROUND AREA

Playworld "Playmakers" custom play structure, Model #12209-1, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- Three (3) Playworld 5 inch OD 108 inch with ground zero post, Item #ZZPM0008GZ, or equal.
- Two (2) Playworld 5 inch OD 120 inch steel post with cap, Item #ZZPM0016, or equal.
- Nine (9) Playworld 5 inch OD 132 inch steel with cap, Item #ZZPM0026, or equal.
- Three (3) Playworld 5 inch OD144 inch post with cap, Item #ZZPM0036 or equal.
- Two (2) Playworld 5 inch OD 144 inch post ground zero, Item #ZZPM0036GZ, or equal.
- Three (3) Playworld square coated deck assembly, Item #ZZPM0616, or equal.
- Four (4) Playworld 45 degree tri-deck, Item #ZZPM0639, or equal.
- One (1) Playworld 12 inch deck to deck kick plate, Item #ZZPM2530, or equal.
- One (1) Playworld 12 inch 45 degree tri-deck kick plate, Item #ZZPM2537, or equal.
- One (1) Playworld transfer station with barriers and a minimum 36 inch deck, Item # ZZPM2008, or equal.
- One (1) Playworld approach step for transfer station, Item #ZZUN2019, or equal.
- One (1) Playworld rumble seat slide with hood and with a minimum 60 inch deck, Item #ZZPM2737, or equal.
- One (1) Playworld oval insert panel with a deck mount, Item #ZZPM4807, or equal.

Hawks Nest State Park Playground Specifications

- One (1) Playworld construction panel insert, Item #ZZUN4793, or equal.
- Three (3) Playworld access gate, Item #ZZPM4288, or equal.
- One (1) Playworld rock climber, Item #ZZPM7439, or equal,
- One (1) Playworld solar climber with a minimum 60 inch deck, Item #ZZPM7659, or equal.
- One (1) Playworld spiral climber with a minimum 48 inch deck, Item #ZZPM8150, or equal.
- One (1) Playworld hopscotch climber with a minimum 48 inch deck, Item #ZZPM8260, or equal.
- One (1) Playworld rockblocks deck access support for a minimum 36 inch -48 inch deck, Item #ZZUNO167, or equal.
- One (1) Playworld rockblocks Z support for a minimum 84 inch wall, Item #ZZUNO177, or equal.
- Two (2) Playworld rockblocks end support for a minimum 60 inch wall, Item #ZZUNO178, or equal.
- One (1) Playworld rockblocks kinked wall for an 84 inch wall, Item #ZZUN8357, or equal.
- One (1) Playworld RockBlocks end wall for a minimum of 60 inch wall, Item #ZZUN8360, or equal.
- One (1) Playworld RockBlocks 90 degree right wall a minimum of 84 inch to 60 inch, Item #ZZUN8370, or equal.
- One (1) Playworld the grid for a minimum of 60 inch and 84 inch wall, Item #ZZUN8427, or equal.
- One (1) Playworld whirlwind climber a minimum of 36 inch, Item #ZZUN6737, or equal.
- One (1) Playworld whirlwind climber a minimum of 48 inch, Item #ZZUN6738, or equal.
- One (1) Playworld 270 degree horizontal loop ladder, Item #ZZPM5716, or equal.
- One (1) Playworld chinning/turning bar, Item #ZZPM5736, or equal.
- One (1) Playworld step around, Item #ZZPM0149, or equal.
- One (1) Playworld u-bounce, Item #ZZPM6850, or equal.
- One (1) Playworld challenge walk, Item #ZZPM6860, or equal.
- One (1) Playworld vortex, Item #ZZPM6810, or equal.
- One (1) Playworld 6 foot arch bridge, Item #ZZPM6590, or equal.

Geotextile 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.

Hawks Nest State Park Playground Specifications

Geotextile fabric, 1,125 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, 90 cubic yards, or equal. Material must be recently harvested and debarked; free of chemical treatments and additives; free of soil, twigs, leaves and other contaminants.

ACTIVE ADULT FITNESS AREAS

Playworld LifeTrail lower body warm-up station, Item #LT002, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) lower body warm-up, standard, Item #ZZLT0015, or equal.
- One (1) lower-body warm-up, tall, Item #ZZLT0016, or equal.
- One (1) osteoporosis information panel, Item #ZZLT0025, or equal.

Playworld LifeTrail torso stability station, Item #LT004, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) back strengthening activity panel, Item #ZZLT0029, or equal.
- One (1) seated curl activity panel, Item #ZZLT0043, or equal.
- One (1) posture and safe lifting information panel, Item #ZZLT0030, or equal.

Hawks Nest State Park Playground Specifications

Playworld LifeTrail forearm rolls station, Item #LT007, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) forearm rolls standard ADA, Item #ZZLT0014, or equal.
- One (1) forearm rolls, Item #ZZLT0013, or equal.
- One (1) healthy eating information panel, Item #ZZLT0029, or equal.

Playworld LifeTrail standing push-up station, Item #LT006, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) standing push-up activity panel, Item #ZZLT0005, or equal.
- One (1) standing pull-up ADA activity panel, Item #ZZLT0021, or equal.
- One (1) Tai chi information panel, Item #ZZLT0028, or equal.

Playworld LifeTrail upper body warm-up station, Item #LT005, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) upper body warm-up activity panel, Item #ZZLT0018, or equal.
- One (1) upper ADA body warm-up activity panel, Item #ZZLT0019, or equal.
- One (1) benefits of exercise information panel, Item #ZZLT0027, or equal.

Hawks Nest State Park Playground Specifications

ADDITIVE ALTERNATE NUMBER ONE

Playworld LifeTrail upper body stretch station, Item #LT008 or equal. Structure must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) upper body stretch and strengthening advanced, Item #ZZLT0034, or equal.
- One (1) upper body stretch and strengthening, standard, Item #ZZLT0035, or equal.
- One (1) exercise your mind information panel, Item #ZZLT0032, or equal.

ADDITIVE ALTERNATE NUMBER TWO

Playworld LifeTrail bench stepper station, Item #LT003, or equal. Structure must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) bench stepper, standard, activity panel, Item #ZZLT0006, or equal.
- One (1) bench stepper, advanced, activity panel, Item #ZZLT0007, or equal.
- One (1) osteoporosis information panel, Item #ZZLT0025, or equal.

ADDITIVE ALTERNATE NUMBER THREE

Playworld LifeTrail balance station, Item #LT010, or equal. Station must include the following components:

Hawks Nest State Park Playground Specifications

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) partial lunge, Item #ZZLT0008, or equal.
- One (1) single leg balance, Item #ZZLT0010, or equal.
- One (1) prevention of falling/balance information panel, Item #ZZLT0033, or equal.

ADDITIVE ALTERNATE NUMBER FOUR

Playworld LifeTrail welcome station, Item #LT001, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) welcome station introductions, Item #ZZLT0003, or equal.
- One (1) welcome station warnings, Item #ZZLT0004, or equal.
- One (1) stress management/pain reduction information panel, Item #ZZLT0031, or equal.

ADDITIVE ALTERNATE NUMBER FIVE

Playworld LifeTrail lower body stretch station, Item #LT0009, or equal. Station must include the following components:

- One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal. Frame must be free standing; must be a footed design; must have a high density plastic roof that fits over the top of panels; must have metal powder coated posts to shed water; and have a minimum of three sided activity or information panels mounts one panel per side and mounts on solid surface.
- One (1) hamstring stretch, Item #ZZLT0011, or equal.
- One (1) calf stretch, Item #ZZLT0012, or equal.

Hawks Nest State Park Playground Specifications

- One (1) yoga information panel, Item #ZZLT0024, or equal.

ADDITIVE ALTERNATE NUMBER SIX

Halsey Taylor water fountain, Model #4420-FR Endura II or equal. Fountain must be free standing with a tubular pedestal and must be ADA accessible.

Hawks Nest State Park Playground Specifications

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

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

Vendors must submit the following attachments:

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

Warranties:

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

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

Color scheme of equipment must be coordinated with Park Superintendent upon award. Color of items will be selected from manufacturer's standard colors.

A mandatory pre-bid conference will be held on May 20, 2009, at Hawks Nest State Park at 10:00 a.m. A failure to attend the mandatory pre-bid conference will result in bid disqualification. An individual may not represent more than one firm at the pre-bid conference.



2009

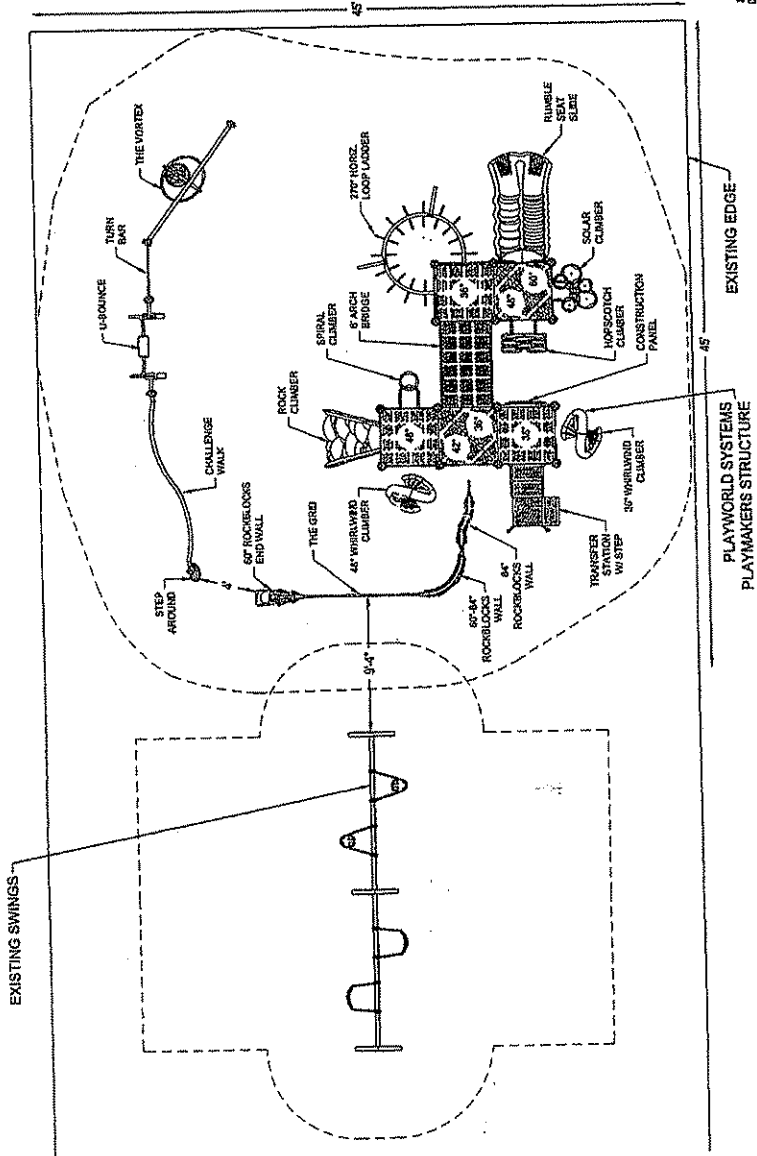
PLAYMAKERS

COMPLIES WITH:

- ASTM F1487-01
- ASTM F1487-98
- CPSC #325
- ADA-ADAAG
- CSA Z614-03

SITE PLAN

PROJECT NO:	REV:
P12209-1	
DATE:	DATE:
1/22/09	1/22/09
SCALE:	SCALE:
1/8" = 1'-0"	1/8" = 1'-0"
DRAWN BY:	DRAWN BY:
TKA	TKA



PLAYWORLD SYSTEMS
PLAYMAKERS STRUCTURE

playground
Specialists Inc.
1000 W. ...

PLAYWORLD™

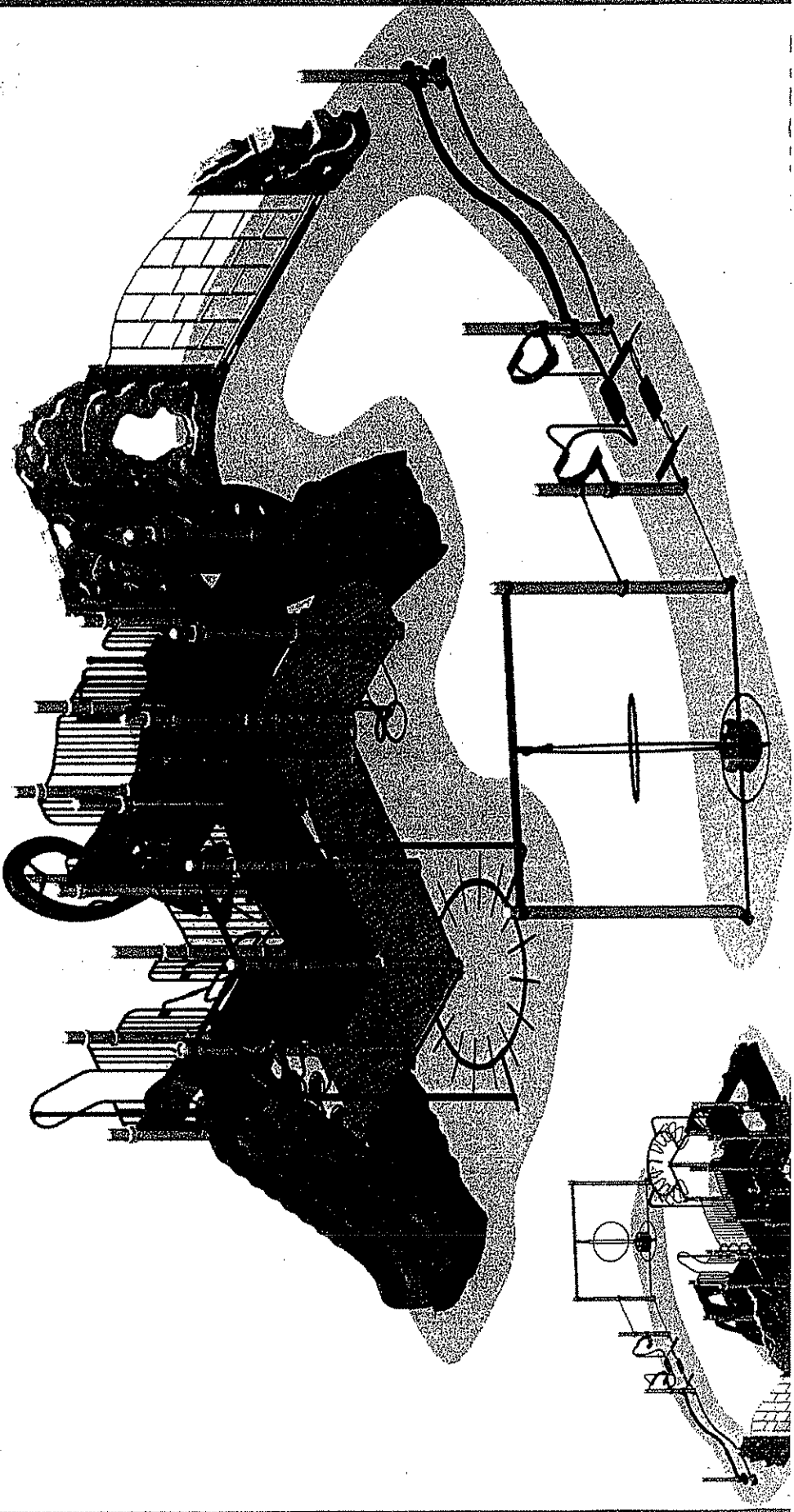
Hawks Nest State Park

Playground Specialists, Inc.
17352 N. Seton Ave
Emmilsburg, MD
emr 306.0176

Hawks Nest State Park



playground





WVDNR209187
Hawks Nest 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 in or equal brands, please attach manufacturer's literature documenting that it meets the mandatory requirements stated in the specifications. Vendors should note the areas of the provided manufacturer's literature that adheres to the mandatory requirements outlined in the Request For Quotation.

Item No.	Equipment	Manufacturer	Model
1	Playground Area - Playworld "Playmakers" custom play structure, Model #12209-1, or equal. Structure must include the following-components:	Henderson	B500038R0 Equal To Playmakers
	Three (3) Playworld 5 inch OD 108 inch with ground zero post, Item #ZZPM0008GZ, or equal.	↓	↓
	Two (2) Playworld 5 inch OD 120 inch steel post with cap, Item #ZZPM0016, or equal.		
	Nine (9) Playworld 5 inch OD 132 inch steel with cap, Item #ZZPM0026, or equal.		
	Three (3) Playworld 5 inch OD144 inch post with cap, Item #ZZPM0036 or equal.		
	Two (2) Playworld 5 inch OD 144 inch post ground zero, Item #ZZPM0036GZ, or equal.		
	Three (3) Playworld square coated deck assembly, Item #ZZPM0616, or equal.		
	Four (4) Playworld 45 degree tri-deck, Item #ZZPM0639, or equal.		
	One (1) Playworld 12 inch deck to deck kick plate, Item #ZZPM2530, or equal.		

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PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) Playworld 12 inch 45 degree tri-deck kick plate, Item #ZZPM2537, or equal.		
	One (1) Playworld transfer station with barriers and a minimum 36 inch deck, Item # ZZPM2008, or equal.		
	One (1) Playworld approach step for transfer station, Item #ZZUN2019, or equal.		
	One (1) Playworld rumble seat slide with hood and with a minimum 60 inch deck, Item #ZZPM2737, or equal.		
	One (1) Playworld oval insert panel with a deck mount, Item #ZZPM4807, or equal.		
	One (1) Playworld construction panel insert, Item #ZZUN4793, or equal.		
	Three (3) Playworld access gate, Item #ZZPM4288, or equal.		
	One (1) Playworld rock climber, Item #ZZPM7439, or equal,		
	One (1) Playworld solar climber with a minimum 60 inch deck, Item #ZZPM7659, or equal.		
	One (1) Playworld spiral climber with a minimum 48 inch deck, Item #ZZPM8150, or equal.		

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PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) Playworld hopscotch climber with a minimum 48 inch deck, Item #ZZPM8260, or equal.		
	One (1) Playworld rockblocks deck access support for a minimum 36 inch -48 inch deck, Item #ZZUNO167, or equal.		
	One (1) Playworld rockblocks Z support for a minimum 84 inch wall, Item #ZZUN0177, or equal.		
	Two (2) Playworld rockblocks end support for a minimum 60 inch wall, Item #ZZUN0178, or equal.		
	One (1) Playworld rockblocks kinked wall for an 84 inch wall, Item #ZZUN8357, or equal.		
	One (1) Playworld RockBlocks end wall for a minimum of 60 inch wall, Item #ZZUN8360, or equal.		
	One (1) Playworld RockBlocks 90 degree right wall a minimum of 84 inch to 60 inch, Item #ZZUN8370, or equal.		
	One (1) Playworld the grid for a minimum of 60 inch and 84 inch wall, Item #ZZUN8427, or equal.		
	One (1) Playworld whirlwind climber a minimum of 36 inch, Item #ZZUN6737, or equal.		

Hawks Nest State Park

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) Playworld whirlwind climber a minimum of 48 inch, Item #ZZUN6738, or equal.		
	One (1) Playworld 270 degree horizontal loop ladder, Item #ZZPM5716, or equal.		
	One (1) Playworld chinning/turning bar, Item #ZZPM5736, or equal.		
	One (1) Playworld step around, Item #ZZPM0149, or equal.		
	One (1) Playworld u-bounce, Item #ZZPM6850, or equal.		
	One (1) Playworld challenge walk, Item #ZZPM6860, or equal.		
	One (1) Playworld vortex, Item #ZZPM6810, or equal.		
	One (1) Playworld 6 foot arch bridge, Item #ZZPM6590, or equal.		
2	Playground Area - Geo-textile fabric, 2,250 sq. ft. roll, or equal.		
3	Playground Area - Geo-textile fabric, 1,125 sq. ft., roll or equal.		
4	Playground Area - Engineered wood fiber, 90 cubic yards, or equal.		
5	Active Adult Fitness Area - Playworld LifeTrail lower body warm-up station, Item #LT002, or equal. Station must include the following components:		

Hawks Nest State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) lower body warm-up, standard, Item #ZZLT0015, or equal.		
	One (1) lower-body warm-up, tall, Item #ZZLT0016, or equal.		
	One (1) osteoporosis information panel, Item #ZZLT0025, or equal.		
6	Active Adult Fitness Area - Playworld LifeTrail torso stability station, Item #LT004, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) back strengthening activity panel, Item #ZZLT0029, or equal.		
	One (1) seated curl activity panel, Item #ZZLT0043, or equal.		
	One (1) posture and safe lifting information panel, Item #ZZLT0030, or equal.		
7	Active Adult Fitness Area - Playworld LifeTrail forearm rolls station, Item #LT007, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		

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Item No.	Equipment	Manufacturer	Model
	One (1) forearm rolls standard ADA, Item #ZZLT0014, or equal.		
	One (1) forearm rolls, Item #ZZLT0013, or equal.		
	One (1) healthy eating information panel, Item #ZZLT0029, or equal.		
8	Active Adult Fitness Area - Playworld LifeTrail standing push-up station, Item #LT006, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) standing push-up activity panel, Item #ZZLT0005, or equal.		
	One (1) standing pull-up ADA activity panel, Item #ZZLT0021, or equal.		
	One (1) Tai chi information panel, Item #ZZLT0028, or equal.		
9	Active Adult Fitness Area - Playworld LifeTrail upper body warm-up station, Item #LT005, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) upper body warm-up activity panel, Item #ZZLT0018, or equal.		
	One (1) upper ADA body warm-up activity panel, Item #ZZLT0019, or equal.		

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PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) benefits of exercise information panel, Item #ZZLT0027, or equal.		
10	Additive Alternate Number One - Active Adult Fitness Area -Playworld LifeTrail upper body stretch station, Item #LT008 or equal. Structure must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) upper body stretch and strengthening advanced, Item #ZZLT0034, or equal.		
	One (1) upper body stretch and strengthening standard, Item #ZZLT0035, or equal.		
	One (1) exercise your mind information panel, Item #ZZLT0032, or equal.		
11	Additive Alternate Number Two - Active Adult Fitness Area - Playworld LifeTrail bench stepper station, Item #LT003, or equal. Structure must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) bench stepper, standard, activity panel, Item #ZZLT0006, or equal.		

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Hawks Nest State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) bench stepper, advanced, activity panel, Item #ZZLT0007, or equal.		
	One (1) osteoporosis information panel, Item #ZZLT0025, or equal.		
12	Additive Alternate Number Three - Active Adult Fitness Area - Playworld LifeTrail balance station, Item #LT010, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) partial lunge, Item #ZZLT0008, or equal.		
	One (1) single leg balance, Item #ZZLT0010, or equal.		
	One (1) prevention of falling/balance information panel, Item #ZZLT0033, or equal.		
13	Additive Alternate Number Four - Active Adult Fitness Area - Playworld LifeTrail welcome station, Item #LT001, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) welcome station introductions, Item #ZZLT0003, or equal.		

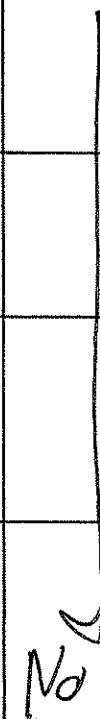
WVDNR209187
Hawks Nest State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
	One (1) welcome station warnings, Item #ZZLT0004, or equal.		
	One (1) stress management/pain reduction information panel, Item #ZZLT0031, or equal.		
14	Additive Alternate Number Five - Active Adult Fitness Area - Playworld LifeTrail lower-body stretch station, Item #LT0009, or equal. Station must include the following components:		
	One (1) Playworld LifeTrail frame, Item #ZZLT0001, or equal.		
	One (1) hamstring stretch, Item #ZZLT0011, or equal.		
	One (1) calf stretch, Item #ZZLT0012, or equal.		
	One (1) yoga information panel, Item #ZZLT0024, or equal.		
15	Additive Alternate Number Six - Active Adult Fitness Area - Halsey Taylor water fountain, Model #4420-FR Endura II or equal.		

PRICING SHEET

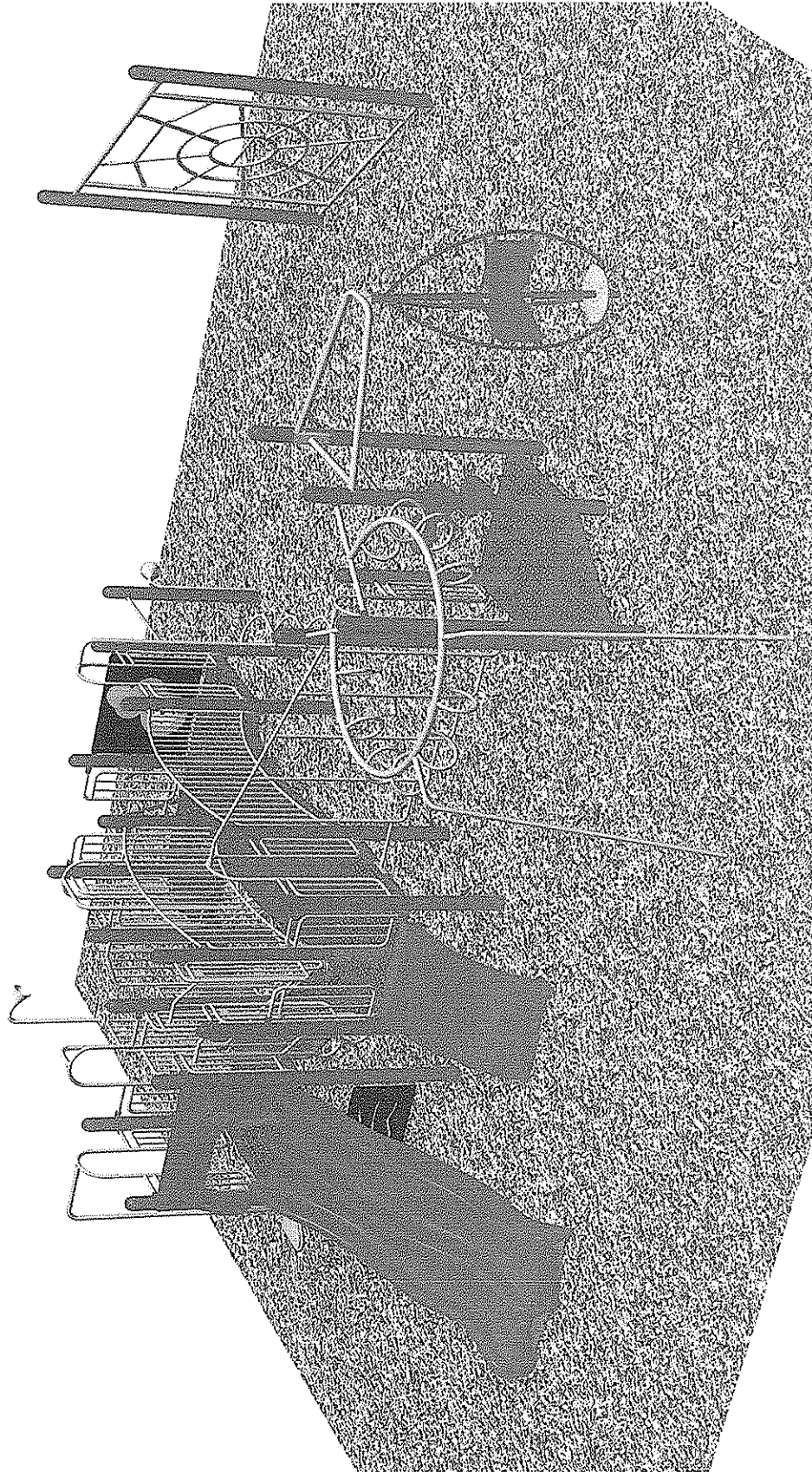
Item No.	Quantity	Description	Unit Price	Amount
1	1	Playground Area - Playworld "Playmakers" custom play structure, Model #12209-1, or equal.	\$24,998	\$24,998
2	1	Playground Area - Geotextile 2,250 sq. ft. roll or equal.	\$0.266	\$598.50
3	1	Playground Area - Geotextile 1,125 sq. ft. roll or equal.	\$0.266	\$299.25 \$299.25
4	90 cubic yards	Playground Area - Engineered wood fiber or equal.	\$24.00	\$2,160.00
5	1	Active Adult Fitness Area - Playworld LifeTrail lower body warm-up station, Item #LT002, or equal.	Can't meet specs	No Bid
6	1	Active Adult Fitness Area - Playworld LifeTrail torso stability station, Item #LT004, or equal.		No Bid
7	1	Active Adult Fitness Area - Playworld LifeTrail forearm rolls station, Item #LT007, or equal.		
8	1	Active Adult Fitness Area - Playworld LifeTrail standing push-up station, Item #LT006, or equal.		
9	1	Active Adult Fitness Area - Playworld LifeTrail upper body warm-up station, Item #LT005, or equal.		
10	1	Additive Alternate Number One - Active Adult Fitness Area - Playworld LifeTrail upper body stretch station, Item #LT008 or equal.		
11	1	Additive Alternate Number Two - Active Adult Fitness Area - Playworld LifeTrail bench stepper station, Item #LT003, or equal.		

PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
12	1	Additive Alternate Number Three - Active Adult Fitness Area - Playworld LifeTrail balance station, Item #LT010, or equal.		
13	1	Additive Alternate Number Four - Active Adult Fitness Area - Playworld LifeTrail welcome station, Item #LT001, or equal.		
14	1	Additive Alternate Number Five - Active Adult Fitness Area - Playworld LifeTrail lower body stretch station, Item #LT0009, or equal.		
15	1	Additive Alternate Number Six - Active Adult Fitness Area - Halsey Taylor water fountain, Model #4420-FR Endura II or equal.		
		TOTALS		<div style="text-align: center;">  <p>No Bid</p> </div> <p>\$28,055.75</p>

Davis Athletics - Hawk Nest State Park

Model No. B500038R0



Powder-Coated Metal Colours
 Black, Brown, Bronze, Blue, Red, Yellow, White, Tan, Grey, Purple, Orange, Green, Blue, Grey, Black

As colours shown here are approximate
 Yellow, White, Tan, Grey, Purple, Orange, Green, Blue, Grey, Black

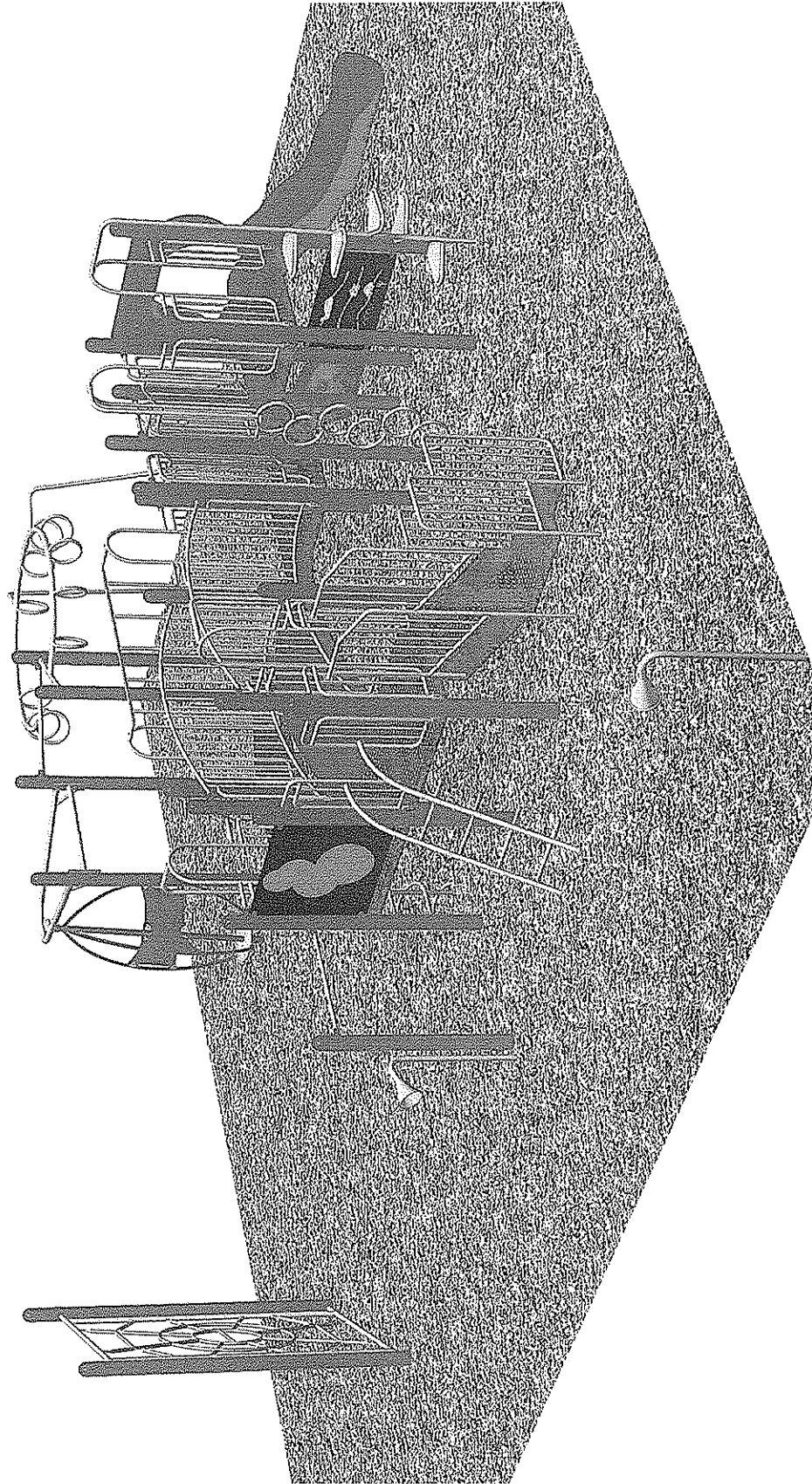
HDPE Colours
 Black, Brown, Bronze, Blue, Red, Yellow, White, Tan, Grey, Purple, Orange, Green, Blue, Grey, Black

Roto-Molded Plastic Colours
 Black, Brown, Bronze, Blue, Red, Yellow, White, Tan, Grey, Purple, Orange, Green, Blue, Grey, Black

Other Colours
 Black, Brown, Bronze, Blue, Red, Yellow, White, Tan, Grey, Purple, Orange, Green, Blue, Grey, Black

Davis Athletics - Hawk Nest State Park

Model No. B500038R0



Powder-Coated Metal Colours

- Black
- Blue
- Green
- Orange
- Red
- White
- Yellow

HDPE Colours

- Black
- Blue
- Green
- Orange
- Red
- White
- Yellow

Rotomolded Plastic Colours

- Black
- Blue
- Green
- Orange
- Red
- White
- Yellow

UVF

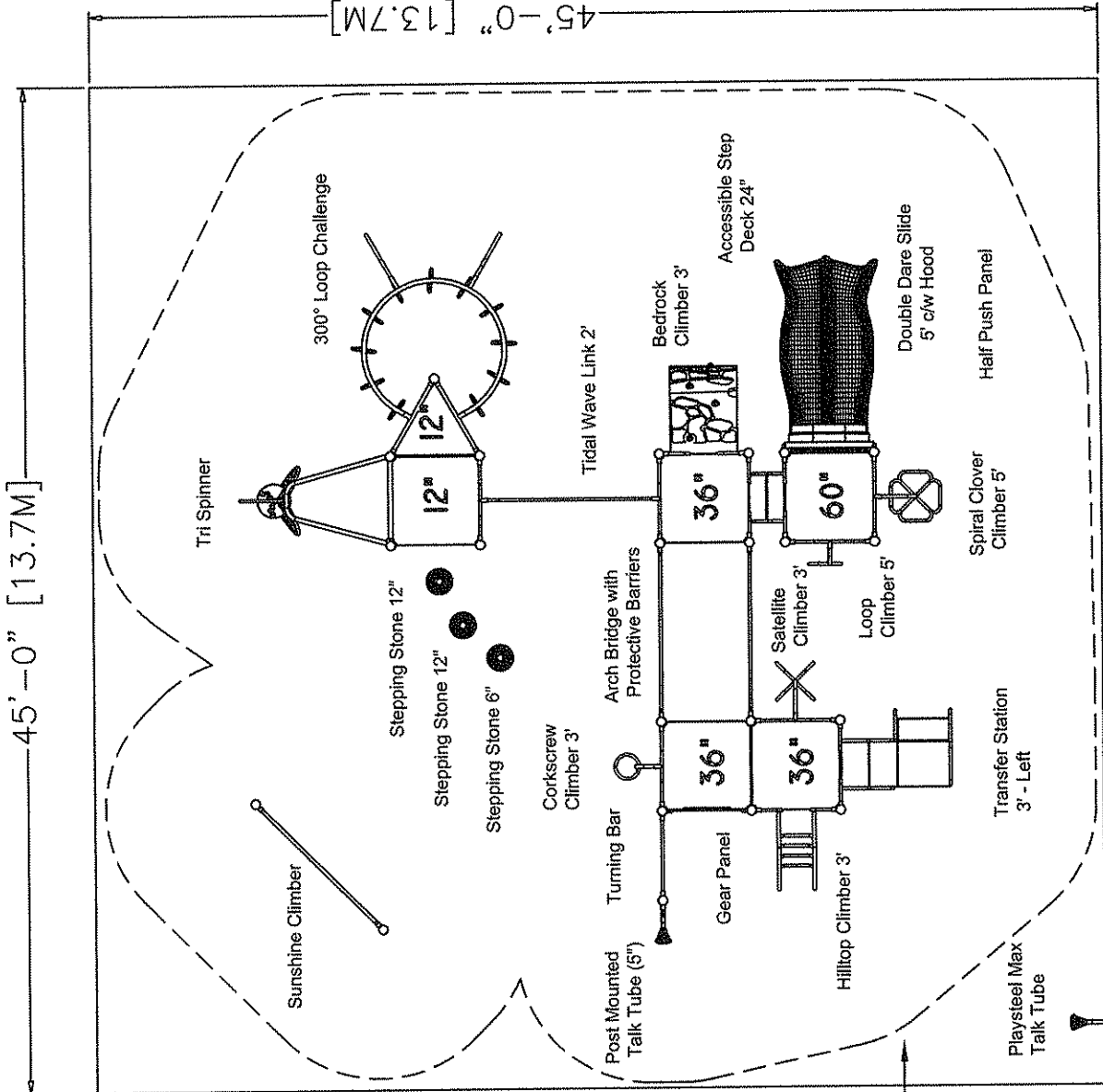
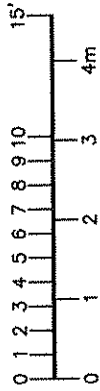
- Black
- Blue
- Green
- Orange
- Red
- White
- Yellow

UVF

- Black
- Blue
- Green
- Orange
- Red
- White
- Yellow



Model # B500038R0
Davis Athletics
Hawk Nest State Park



WARNING
 Installation Over A Hard Surface Such As Concrete, Asphalt, Rubber Or Grass From Falls.

Best User Age: 5 to 12

Accessibility: Yes

Colour:

- Posts: Green
- Accent: Tan
- Roto Plastic: Green
- 3/4 Plastic: Red/White
- Other:

Surfacing Type: Wood Chips

Border Area:

Border Perimeter:

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 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-Z614 (CAN) or ASTM F 1487 (USA) releases. The playground installation site must be properly prepared to Henderson Recreation specifications. Proper installation of 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 and therefore reserves the right 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 area. No-encroachment zones that are within the safety surface area must be free of all obstacles.

Drawn By: R.H.
 Date Drawn: June 10, 2009
 Revised By:
 Revision Date:
 Scale: See Key



Warranty

Henderson
recreation equipment limited

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.

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.

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 designees. 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, marbling, 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-

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 plant(s), 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.



ASTM-F1487 Compliance Certificate

Organization:

Project:

Model:

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

Gordon Henderson, President
Henderson Recreation Equipment Limited

Henderson
recreation equipment limited

Rev. 04-08

PlaySteel Fit/Max Playsystems: Unit-Built, 3.5" Modular & 5" Modular

Product and Coating Specifications

Steel Component Specifications:

All round steel tubing shall be in-line galvanized and tested in compliance with ASTM-A500, ASTM-A-135, or ASTM-A-513 standards.

Unit-Built System: Square Posts – 4.00" x 4.00" x 0.125" wall (11 ga.), *in-line galvanized steel*
Mechanical Properties: 50,000 psi yield / 55,000 psi tensile strength

3.5" Modular System: Round Posts – 3.50" O.D. x 0.095" wall (13 ga.), *in-line galvanized steel*
Mechanical Properties: 45,000 psi yield / 48,000 psi tensile strength

5" Modular System: Round Posts – 5.00" O.D. x 0.120" wall (11 ga.), *in-line galvanized steel*
Mechanical Properties: 45,000 psi yield / 48,000 psi tensile strength

Post Caps and Modular System Clamps – Aluminum Alloy SAE 413

Typical Handrails – 1.3125" O.D. x 11 ga. or 14 ga. wall and 1" x 0.75" Oval x 15 ga., *In-line galvanized steel*

Stringer Channels – 4" x 1.5" x 3/16" G40.21 iron

Platforms and Deck Surfaces – 12 ga. perforated sheet steel

Plastic Component Specifications:

Polyethylene for rotationally molded or sheet components shall have ultraviolet (UV) stabilizers and colour pigment molded in. This material shall be tested in compliance with ASTM Test Method D1248, Type 2, Class A, and Federal Specifications LP-390C, Type 1, Class M, Grade 2, Category 3, and rotationally molded items shall have an average wall thickness of .25"(6.4mm).

Fastener Specifications:

All bolts, nuts, screws, and washers shall be either zinc plated, di-chromate washed, or stainless steel. All necessary fasteners shall be supplied.

Polyester Powder Coated Items:

Steel shall receive premium galvanic rust inhibiting treatments and an electrostatically applied polyester powder coating. The coating shall be cured at temperatures between 400 degrees F (204 degrees C) and 450 degrees F (232 degrees C). The polyester powder shall be tested in compliance with ASTM standards: D522 Flexibility Mandrel Test, D2794 Impact Resistance Test, B117 Salt Spray Resistance Test, D2247 Humidity Resistance Test, D3363 Pencil Hardness Test, D3359 Method B Crosshatch Adhesion Test. Such testing demonstrates the superior weatherability characteristics of polyester powder coating over epoxy or hybrid paints.

Steel items without In-Line Galvanized Coatings shall receive a Zinc-Rich Epoxy Primer prior to Polyester Powder Coating. This only applies to a relatively small range of components that utilize non-standard tubing sizes.

Plastisol Coatings:

Thickness shall average approximately 1/8" (3.2 mm) providing a safe, resilient surface

Polyethylene Coatings:

Thickness shall average approximately 1/16" (2 mm) providing more durability than plastisol yet still retaining resilience.

BELAIR has endeavoured to ensure that all specifications and representations of products provided in this catalogue were accurate at time of publication. BELAIR reserves the right to improve, alter or discontinue any item without notice. As a result, some items may not be exactly as depicted or specified.

DIN Compliance: Note: All BELAIR playground related products are designed to be installed over a protective surface.

CSA Compliance:

Products manufactured after 2003 are designed to comply with CSA Standard CAN/CSA-Z614-03, Children's Playspaces and Equipment.

All components are designed to comply with CSA Requirements and are periodically tested for Structural Integrity as per CSA Sections: 9.2 Stability, 9.3 Load Testing Criteria, 9.4 Strength of Swing Components and Structures, 9.5 Vertical Loads, 9.6.2 Accidental Concentrated Load (Lateral Force of 2000 Newtons), and 9.6.3 Lateral Surge Load.

This standard is published by the CSA (Canadian Standards Association). A copy of this Standard can be ordered by calling (416) 747-4044, or by contacting the nearest CSA office.

ASTM Testing Parameters

STRUCTURAL SQUARE AND RECTANGULAR TUBING ASTM A-500 GRADES B AND C

ASTM A-500 is a cold formed electric weld product. Advantages include material strength, ability to resist stress from any direction, and ease of connection to other structural shapes.

CHEMICAL COMPOSITION CHECK ANALYSIS

Max. Percent	ASTM A-500 Grade B	ASTM A-500 Grade C
Carbon	0.30	0.27
Phosphorus	0.045	0.045
Sulphur	0.045	0.045

WORKABILITY AND WELDABILITY

Can be subjected to most of the usual fabricating operations. Its ductility is good, bends well, flattens, cuts, punches, flares, and flanges easily. Can also be welded by commonly employed techniques and practices.

MECHANICAL PROPERTIES

	ASTM	
	A-500 Grade B	Grade C
Tensile Strength, min, psi	58,000	62,000
Yield Strength, min, psi	46,000	50,000
Elongation in 2 inch, min, percent	23	21

STRUCTURAL SQUARE AND RECTANGULAR TUBING

MAXIMUM OUTSIDE CORNER RADII TOLERANCES

10.6 Radius of Corners—For square or rectangular structural tubing, the radius of any outside corner of the section shall not exceed three times the specified wall thickness.

OUTSIDE DIMENSIONS AND WALL THICKNESS SQUARE AND RECTANGULAR

Largest Outside Dimension Across Flats, Inches	Tolerance for Outside Dimensions Including Convexity or Concavity	Wall Thickness Tolerance
1 to 2-1/2 incl.	Plus or minus 0.020"	Plus or minus 10% Exclusive of weld area
Over 2-1/2 to 3-1/2 incl.	Plus or minus 0.025"	Plus or minus 10% Exclusive of weld area
Over 3-1/2 to 5-1/2 incl.	Plus or minus 0.030"	Plus or minus 10% Exclusive of weld area
Over 5-1/2	Plus or minus 1%	Plus or minus 10% Exclusive of weld area

NOTE: The allowable variation in wall thickness does not apply at corners.

A500 ROUND OD AND WALL TOLERANCES

1.900" and smaller OD: ±1/2%
 2.000 and larger OD: ±3/4%
WALL THICKNESS ±10%

TOLERANCES			
SQUARENESS OF SIDES			
Adjacent sides of structural hollows may deviate from 90° by plus or minus two degrees maximum.			
VARIATIONS FROM EXACT STRAIGHTNESS			
Permissible Variations, In. (Includes Camber and Sweep) 1/8" x 5		Number of Feet of Total Length 5	
MAXIMUM TWIST			
Longer Outside Dimensions, Inches		Maximum Twist Per 3 Feet of Length, Inches	
1 to 1-1/2 incl.		0.050	
Over 1-1/2 to 2-1/2 incl.		0.062	
Over 2-1/2 to 4 incl.		0.075	
Over 4 to 6 incl.		0.087	
Over 6 to 8 incl.		0.100	
Over 8		0.112	
Twist is measured by holding down the edge of one end of a square or rectangular structural hollow on a surface plate with the bottom side of the tube parallel to the surface plate and noting the height that either corner on the opposite end of the bottom side is above the surface plate.			
PERMISSIBLE VARIATION — MILL LENGTHS			
To 22' incl.		Over 22' to 44' incl.	
Over	Under	Over	Under
1/2"	1/4"	3/4"	1/4"

Cut lengths of stock material can normally be held within 1/8 in. or closer if desired.

PlaySteel Fit/Max Playsystems: Unit-Built, 3.5" Modular & 5" Modular Product and Coating Specifications

Steel Component Specifications:

All round steel tubing shall be in-line galvanized and tested in compliance with ASTM-A500, ASTM-A-135, or ASTM-A-513 standards.

Unit-Built System: Square Posts – 4.00" x 4.00" x 0.125" wall (11 ga.), *in-line galvanized steel*
Mechanical Properties: 50,000 psi yield / 55,000 psi tensile strength

3.5" Modular System: Round Posts – 3.50" O.D. x 0.095" wall (13 ga.), *in-line galvanized steel*
Mechanical Properties: 45,000 psi yield / 48,000 psi tensile strength

5" Modular System: Round Posts – 5.00" O.D. x 0.120" wall (11 ga.), *in-line galvanized steel*
Mechanical Properties: 45,000 psi yield / 48,000 psi tensile strength

Post Caps and Modular System Clamps – Aluminum Alloy SAE 413

Typical Handrails – 1.3125" O.D. x 11 ga. or 14 ga. wall and 1" x 0.75" Oval x 15 ga., *In-line galvanized steel*

Stringer Channels – 4" x 1.5" x 3/16" G40.21 iron

Platforms and Deck Surfaces – 12 ga. perforated sheet steel

Plastic Component Specifications:

Polyethylene for rotationally molded or sheet components shall have ultraviolet (UV) stabilizers and colour pigment molded in. This material shall be tested in compliance with ASTM Test Method D1248, Type 2, Class A, and Federal Specifications LP-390C, Type 1, Class M, Grade 2, Category 3, and rotationally molded items shall have an average wall thickness of .25"(6.4mm).

Fastener Specifications:

All bolts, nuts, screws, and washers shall be either zinc plated, di-chromate washed, or stainless steel. All necessary fasteners shall be supplied.

Polyester Powder Coated Items:

Steel shall receive premium galvanic rust inhibiting treatments and an electrostatically applied polyester powder coating. The coating shall be cured at temperatures between 400 degrees F (204 degrees C) and 450 degrees F (232 degrees C). The polyester powder shall be tested in compliance with ASTM standards: D522 Flexibility Mandrel Test, D2794 Impact Resistance Test, B117 Salt Spray Resistance Test, D2247 Humidity Resistance Test, D3363 Pencil Hardness Test, D3359 Method B Crosshatch Adhesion Test. Such testing demonstrates the superior weatherability characteristics of polyester powder coating over epoxy or hybrid paints.

Steel items without In-Line Galvanized Coatings shall receive a Zinc-Rich Epoxy Primer prior to Polyester Powder Coating. This only applies to a relatively small range of components that utilize non-standard tubing sizes.

Plastisol Coatings:

Thickness shall average approximately 1/8" (3.2 mm) providing a safe, resilient surface

Polyethylene Coatings:

Thickness shall average approximately 1/16" (2 mm) providing more durability than plastisol yet still retaining resilience.

BELAIR has endeavoured to ensure that all specifications and representations of products provided in this catalogue were accurate at time of publication. BELAIR reserves the right to improve, alter or discontinue any item without notice. As a result, some items may not be exactly as depicted or specified.

DIN Compliance: Note: All BELAIR playground related products are designed to be installed over a protective surface.

CSA Compliance:

Products manufactured after 2003 are designed to comply with CSA Standard CAN/CSA-Z614-03, Children's Playspaces and Equipment.

All components are designed to comply with CSA Requirements and are periodically tested for Structural Integrity as per CSA Sections: 9.2 Stability, 9.3 Load Testing Criteria, 9.4 Strength of Swing Components and Structures, 9.5 Vertical Loads, 9.6.2 Accidental Concentrated Load (Lateral Force of 2000 Newtons), and 9.6.3 Lateral Surge Load.

This standard is published by the CSA (Canadian Standards Association). A copy of this Standard can be ordered by calling (416) 747-4044, or by contacting the nearest CSA office.

ASTM Testing Parameters

STRUCTURAL SQUARE AND RECTANGULAR TUBING ASTM A-500 GRADES B AND C

ASTM A-500 is a cold formed electric weld product. Advantages include material strength, ability to resist stress from any direction, and ease of connection to other structural shapes.

CHEMICAL COMPOSITION CHECK ANALYSIS		
Max. Percent	ASTM A-500 Grade B	ASTM A-500 Grade C
Carbon	0.30	0.27
Phosphorus	0.045	0.045
Sulphur	0.045	0.045

WORKABILITY AND WELDABILITY

Can be subjected to most of the usual fabricating operations. Its ductility is good, bends well, flattens, cuts, punches, flares, and flanges easily. Can also be welded by commonly employed techniques and practices.

MECHANICAL PROPERTIES		
	ASTM	
	A-500 Grade B	Grade C
Tensile Strength, min, psi	58,000	62,000
Yield Strength, min, psi	46,000	50,000
Elongation in 2 inch, min, percent	23	21

STRUCTURAL SQUARE AND RECTANGULAR TUBING MAXIMUM OUTSIDE CORNER RADII TOLERANCES

10.6 Radius of Corners—For square or rectangular structural tubing, the radius of any outside corner of the section shall not exceed three times the specified wall thickness.

OUTSIDE DIMENSIONS AND WALL THICKNESS SQUARE AND RECTANGULAR		
Largest Outside Dimension Across Flats, Inches	Tolerance for Outside Dimensions Including Convexity or Concavity	Wall Thickness Tolerance
1 to 2-1/2 incl.	Plus or minus 0.020"	Plus or minus 10% Exclusive of weld area
Over 2-1/2 to 3-1/2 incl.	Plus or minus 0.025"	Plus or minus 10% Exclusive of weld area
Over 3-1/2 to 5-1/2 incl.	Plus or minus 0.030"	Plus or minus 10% Exclusive of weld area
Over 5-1/2	Plus or minus 1%	Plus or minus 10% Exclusive of weld area

NOTE: The allowable variation in wall thickness does not apply at corners.

A500 ROUND OD AND WALL TOLERANCES

1.900" and smaller OD: ±1/2%
 2.000 and larger OD: ±3/4%
WALL THICKNESS ±10%

TOLERANCES			
SQUARENESS OF SIDES			
Adjacent sides of structural hollows may deviate from 90° by plus or minus two degrees maximum.			
VARIATIONS FROM EXACT STRAIGHTNESS			
Permissible Variations, In. (Includes Camber and Sweep) 1/8" x 5		Number of Feet of Total Length 5	
MAXIMUM TWIST			
Longer Outside Dimensions, Inches		Maximum Twist Per 3 Feet of Length, Inches	
1 to 1-1/2 incl.		0.050	
Over 1-1/2 to 2-1/2 incl.		0.062	
Over 2-1/2 to 4 incl.		0.075	
Over 4 to 6 incl.		0.087	
Over 6 to 8 incl.		0.100	
Over 8		0.112	
Twist is measured by holding down the edge of one end of a square or rectangular structural hollow on a surface plate with the bottom side of the tube parallel to the surface plate and noting the height that either corner on the opposite end of the bottom side is above the surface plate.			
PERMISSIBLE VARIATION — MILL LENGTHS			
To 22' incl.		Over 22' to 44' incl.	
Over	Under	Over	Under
1/2"	1/4"	3/4"	1/4"

Cut lengths of stock material can normally be held within 1/8 in. or closer if desired.

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: [Signature]
Date: June 15, 2009 Title: Owner

*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: Paul Davis Date: June 15, 2009