



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**

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

*Southern Playground*

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	FOB	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	<i>35375.15</i>	<i>35375.15</i>
PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)						
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 SPECIFICAIONS.						
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.						
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.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.						
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						

**RECEIVED**

2009 JUN 16 A 10:24

PURCHASING DIVISION  
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>Scott Dubois</i>	TELEPHONE 757 431 0057	DATE 6-1-09	
TITLE PRESIDENT	FEIN 54-0983230	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."

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**INSTRUCTIONS TO BIDDERS**

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



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
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# Request for Quotation

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

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VENDOR

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
<p>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 style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="padding-left: 40px;">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: 44</p> <p>RFQ. NO.: DNR209187</p> <p>BID OPENING DATE: 06/16/2009</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	Scott DuBois	TELEPHONE	757 431 0057	DATE	6-1-09
TITLE	PRESIDENT	FEIN	54-0983230	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  
**DNR209187**

PAGE  
**3**

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

RFQ COPY  
 TYPE NAME/ADDRESS HERE

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

DATE PRINTED <b>05/07/2009</b>	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **06/16/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
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CONTACT PERSON (PLEASE PRINT CLEARLY):						
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***** THIS IS THE END OF RFQ DNR209187 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Scott Dubois</i>	TITLE <i>President</i>	FEIN <i>54-0983230</i>	TELEPHONE <i>757 431-0687</i>	DATE <i>6-109</i>
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ADDRESS CHANGES TO BE NOTED ABOVE

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

# 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: \_\_\_\_\_ *N/A* \_\_\_\_\_ Signed: \_\_\_\_\_  
 Date: \_\_\_\_\_ Title: \_\_\_\_\_

\*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: SCOTTISH TRADING COMPANY

Authorized Signature: [Signature] Date: 6-1-07

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 in 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:	PLAY W PARK STRUCTURES	let 9-46499
	Three (3) Playworld 5 inch OD 108 inch with ground zero post, Item #ZZPM0008GZ, or equal.	SEE ATTACHED	
	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 OD 144 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.		

WVDNR209187  
Hawks Nest State Park  
**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.		



WVDNR209187  
Hawks Nest State Park  
**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.		

WVDNR209187  
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:	<i>PLAY N PARK STRUCTURES</i>	<i>12 STATION FITNESS TRAIL</i>

WVDNR209187  
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:	PLAY N PARK	12 STATION FITNESS TRAIL
	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.		

WVDNR209187  
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**PLAYGROUND EQUIPMENT SHEET**

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:	<i>PLAY W PARK STRUCTURES</i>	<i>12 STATION FITNESS TRAIL</i>		
	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.				

WVDNR209187  
Hawks Nest State Park  
**PLAYGROUND EQUIPMENT SHEET**

Item No.	Equipment	Manufacturer	Model
	One (1) benefits of exercise information panel, Item #ZZLT0027, or equal.		
10	<b>Additive Alternate Number One</b> - Active Adult Fitness Area - Playworld LifeTrail upper body stretch station, Item #LT008 or equal. Structure must include the following components:	<i>PLAY N PARK STRUCTURES</i>	<i>FITNESS TRAIL</i>
	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	<b>Additive Alternate Number Two</b> - 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.		

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	<b>Additive Alternate Number Three</b> - 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	<b>Additive Alternate Number Four</b> - 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  
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**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	<b>Additive Alternate Number Five</b> - 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	<b>Additive Alternate Number Six</b> - Active Adult Fitness Area Halsey Taylor water fountain, Model #4420-FR Endura II or equal.		

## Hawks Nest State Park Playground Equipment

## PRICING SHEET

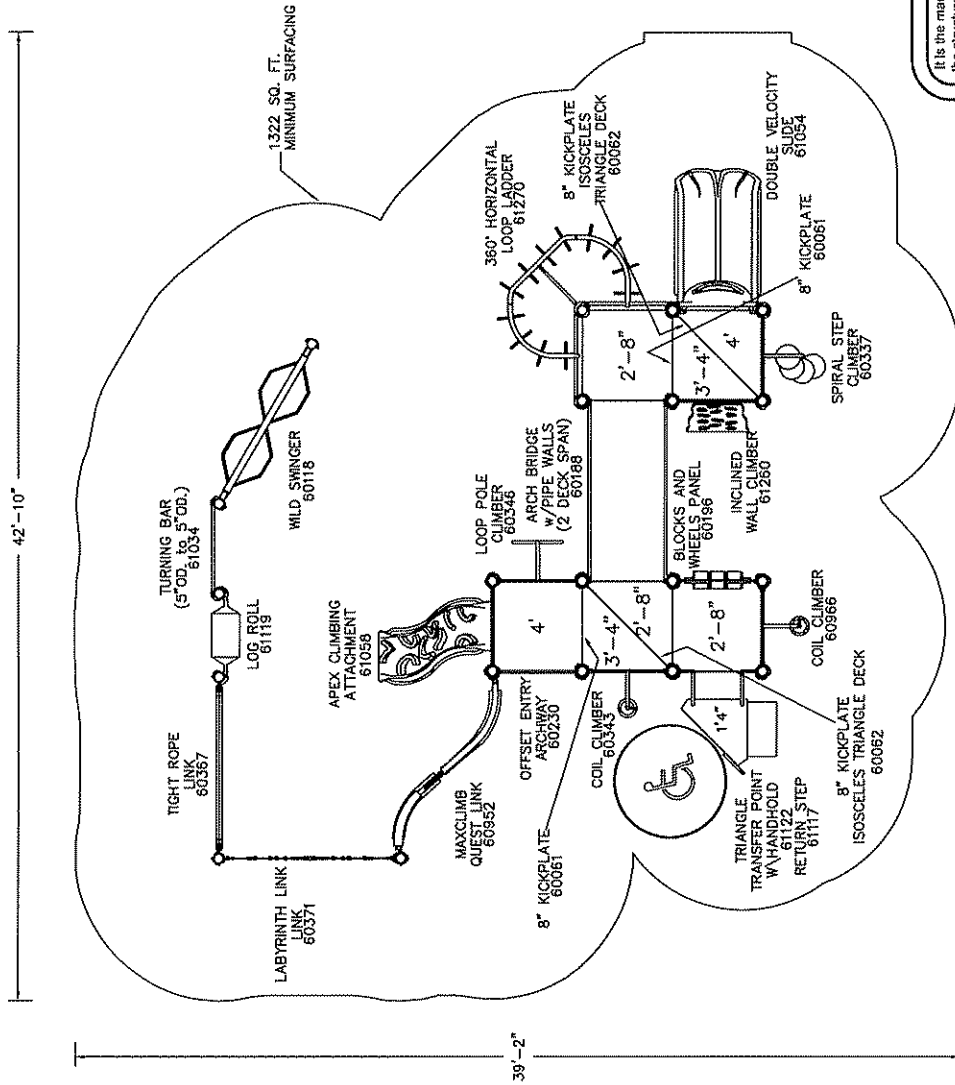
Item No.	Quantity	Description	Unit Price	Amount
1	1	Playground Area - Playworld "Playmakers" custom play structure, Model #12209-1, or equal.	23575.15	23575.15
2	1	Playground Area - Geotextile 2,250 sq. ft. roll or equal.	600.00	600.00
3	1	Playground Area - Geotextile 1,125 sq. ft. roll or equal.	400.00	400.00
4	90 cubic yards	Playground Area - Engineered wood fiber or equal.	20.00	1800.00
5	1	Active Adult Fitness Area - Playworld LifeTrail lower body warm-up station, Item #LT002, or equal.	9000.00	9000.00
6	1	Active Adult Fitness Area - Playworld LifeTrail torso stability station, Item #LT004, or equal.	INCLUDED ABOVE	INCLUDED ABOVE
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	<b>Additive Alternate Number One</b> - Active Adult Fitness Area - Playworld LifeTrail upper body stretch station, Item #LT008 or equal.		
11	1	<b>Additive Alternate Number Two</b> - Active Adult Fitness Area - Playworld LifeTrail bench stepper station, Item #LT003, or equal.		



## Hawks Nest State Park Playground Equipment

## PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
12	1	<b>Additive Alternate Number Three -</b> Active Adult Fitness Area - Playworld LifeTrail balance station, Item #LT010, or equal.		
13	1	<b>Additive Alternate Number Four -</b> Active Adult Fitness Area - Playworld LifeTrail welcome station, Item #LT001, or equal.		
14	1	<b>Additive Alternate Number Five -</b> Active Adult Fitness Area - Playworld LifeTrail lower body stretch station, Item #LT0009, or equal.		
15	1	<b>Additive Alternate Number Six -</b> Active Adult Fitness Area - Halsey Taylor water fountain, Model #4420-FR Endura II or equal.		
		<b>TOTALS</b>	<i>35375.15</i>	<i>35375.15</i>



42'-10"

39'-2"

1322 SQ. FT.  
MINIMUM SURFACING

It is the manufacturer's opinion that the structure shown herein complies with current ADA standards. Proper accessible surfacing and together with other necessary ground level play equipment.

Total Elevated Play Components	11	0	Required
Total Elevated Play Components Accessible By Ramp	0	11	Required
Total Elevated Components Accessible By Transfer	11	0	Required
Total Accessible Ground Level Components Shown	5	5	Required
Total Different Types Of Ground Level Components	5	5	Required

Drawn By:  
**JON KING**  
Date:  
6/7/09  
Drawing Name:  
619-46699

**IMPORTANT:** Never install play equipment over hard, unresilient surfaces such as asphalt, concrete, or compacted earth. It is the owner's responsibility to ensure the "minimum area required" contains an appropriate amount of resilient material to cushion accidental falls.

Minimum Area Required:  
42'-10" X 39'-2"  
Scale: 3/16" = 1'-0"  
This drawing can be scaled only when in an 11" x 17" format

This play equipment is recommended for children ages  
**5-12**

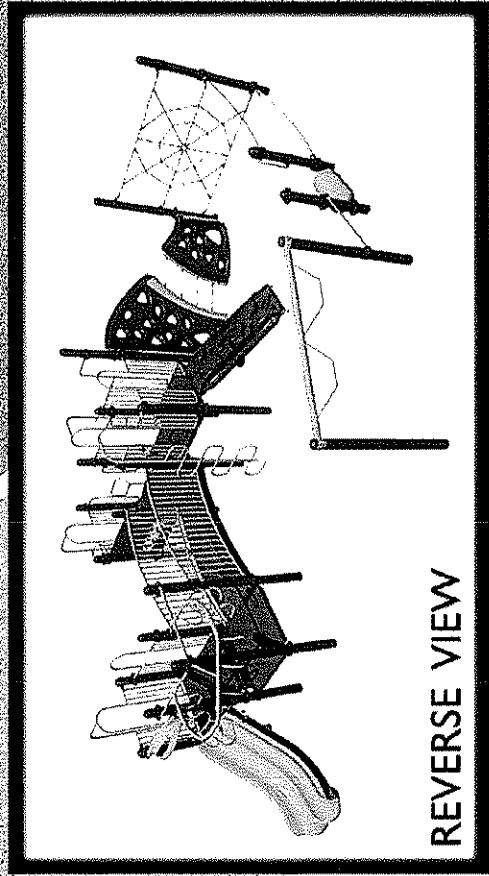
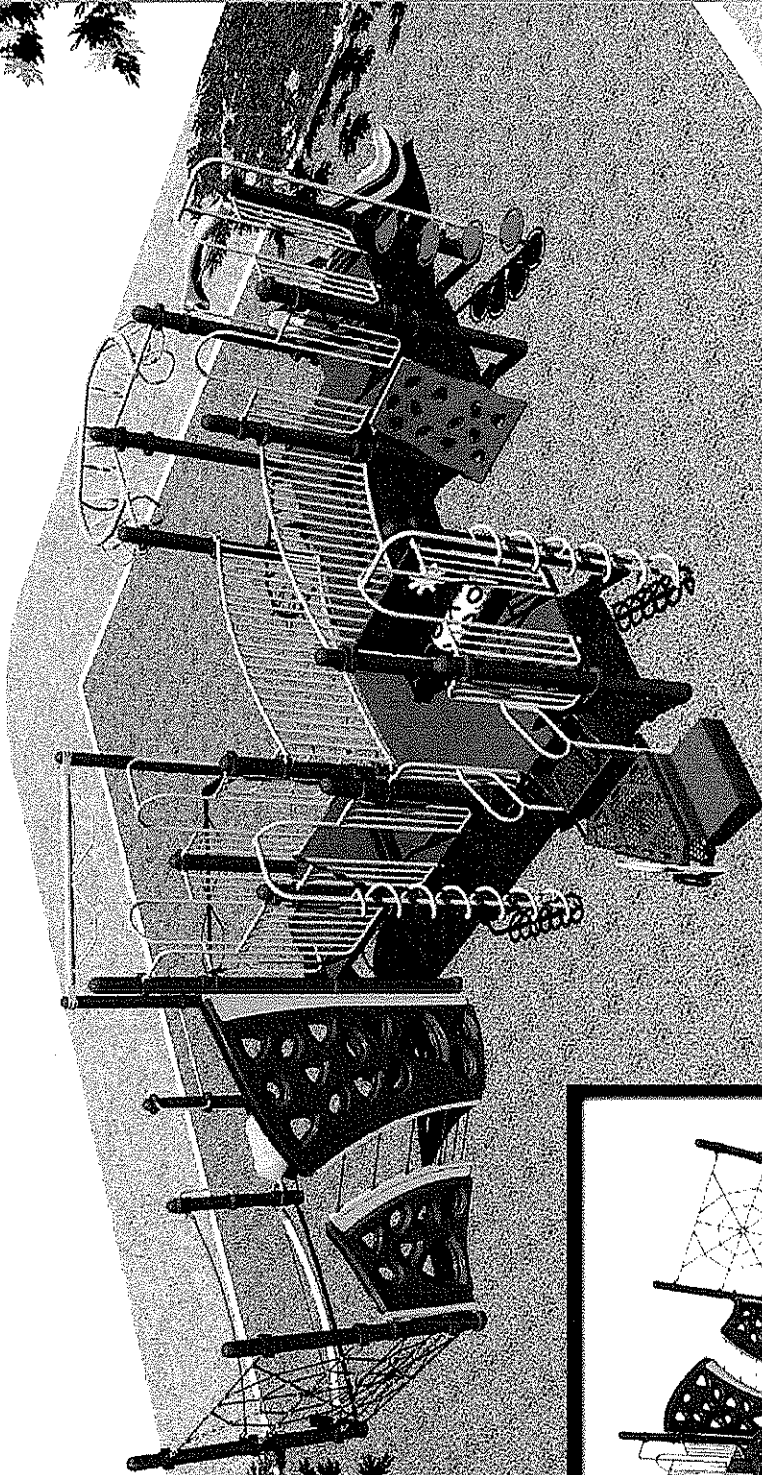
HAWKS NEST STATE PARK  
177 WEST MAIN ST.  
ANSTED, WV. 25812  
Representative  
**SOUTHERN PLAYGROUND**

**play&park structures**  
401 Chestnut St. Ste. 3-10  
Chattanooga, TN 37402  
800-727-1907  
www.playandpark.com

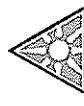
# Hawks Nest State Park

Anstead, WV.

play&park  
structures  
Gateway to Imaginative Play



REVERSE VIEW



SOUTHERN  
PLAYGROUND  
P.O. Box 4505  
500 Central Drive #109  
Virginia Beach, VA 23454  
1-757-431-0057 info@southernplayground.com  
**1-800-257-1314**

Gateway to Imaginative Play

playandpark.com

1-800-727-1907

HAWKS NEST STATE PARK  
DRAWING# 619-46699

6/1/2009

## SuperMax Specifications

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### General System Specifications:

SuperMax features 5" O.D. uprights with a high-strength aluminum alloy clamp fastening system finished with a polyester powder-coat. All uprights shall receive factory installed aluminum post caps and will ship with labels for manufacturer identification.

All decks and components shall connect using the aluminum alloy clamping system. All climbing attachments shall include a 15" wide deck entry archway to control deck access to one child at a time and help prevent inadvertent falls.

Manufacturer shall offer the following warranties on the materials and components of its system:

- Lifetime limited warranty on support posts (uprights)
- 15-Year limited warranty on punched steel decks, pipes, rails, loops and rungs
- 15-Year limited warranty on rotationally molded polyethylene components
- Lifetime limited warranty on all hardware

Manufacturer shall be ISO 9001/2000 certified

Manufacturer shall show IPEMA certification of compliance for each component that the product conforms with the requirements of ASTM F1487-01.

### General Specifications of Materials

#### Clamps

All clamps are cast of high-strength 356 aluminum. All clamps are 1-3/4" wide with a minimum wall thickness of 3/8", and are powder-coated to match the post color. Each casting is precision-drilled to receive a 1/4" x 1-3/4" zinc-plated steel hinge pin. The hinging design facilitates installation and ensures a snug fit between clamp and post. Each clamp is secured in place using a 1/4" x 3/4" aluminum drive rivet to prevent slippage or rotation on the post. Fasteners for clamps are stainless steel 3/8" x 1-1/2" special tamper-resistant pinned bolt with locking patch, and a heavy hex nut, which fits in a recess, cast into the clamp. The pinned head requires a special tool for fastening (provided with each structure), thus ensuring vandal-resistance.

All clamps receiving rungs are drilled and tapped to receive a 3/8" x 3/8" stainless steel cone-point set screw with locking patch, which prevents the rungs from turning or being pulled out. The 1-5/16" O.D. rungs terminate inside the clamp, thereby eliminating the need for end caps. The aluminum alloy used in the casting of clamps shall meet the following mechanical properties:

Ultimate Tensile Strength - 45,000 psi  
Yield Strength - 26,000 psi  
Shear Strength - 40,000 psi  
Elongation - 8 %

#### Rotationally Molded Plastics

All Rotationally Molded Products are manufactured from linear low-density polyethylene UV-stabilized color and an anti-static compound additive. The tensile strength of this material is to be 2500 PSI as defined by ASTM D638. The typical wall thickness will

be .250" (1/4"). All rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D- 1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD). All solid plastic panels are manufactured from high-density polyethylene. All solid plastic panels shall meet or exceed the following specifications: Density (ASTM D- 1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790).

#### Polyester Powder-Coating Process

Powder-coat shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794-69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D 2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Oven-bake Stability 100% at 400 degrees Fahrenheit.

#### Hardware

All nuts, bolts, and washers, with exceptions noted, shall be 3/8" diameter 18-8 stainless steel in varying lengths, with a vandal-resistant hex-pinned head configuration and factory-applied locking patch. When allowed a 72-hour cure time, the locking patch will prevent the bolt from loosening without at least 4 times the installation torque. Play & Park Structures will supply the special tool required to turn vandal-resistant hardware with each shipment. 1/2" diameter Ramp and Arch Bridge connecting hardware shall be Grade 5 zinc-plated, and 3/8" Clatter Bridge security bolts shall be Grade 8 hardened and zinc-plated.

#### Plastisol Coating

All metal deck platforms, steps, bridge planks, ramps, kickplates, and chains are plastisol-coated. Each part is chemically washed and completely submerged in a special heat-activated primer and allowed to dry. Parts are then pre-heated and immersed in liquid poly-vinyl-chloride (plastisol). The PVC coating shall have a typical thickness of .080" to .120", and a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. Standard color is brown, with optional colors available. The following characteristics apply:

Tensile Strength - 2,800 psi

Elongation - 290 %

Tear Strength - 420 lbs/in

#### Uprights, Aluminum

The posts shall be 5" outside diameter tubing with an 1/8" minimum wall thickness. The material shall be extruded from 6005-T5 seamless aluminum alloy conforming to ASTM-B-221. Minimum yield strength shall be 35,000 psi and minimum tensile strength shall be 38,000 psi. All upright posts shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

#### Entry Archway

Entry Archway shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with vertical rungs fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing. L-Fitting is fabricated from 3/16" thick stainless steel for

attachment to clamp. The Entry Archway shall be an all-welded assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating.

#### Side Entrance Barrier

SIDE ENTRY ARCHWAY shall be fabricated of 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with vertical rungs fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing. L-Fitting is fabricated from 3/16" thick hot rolled steel for attachment to clamp. The Entrance Enclosure shall be an all-welded assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating.

### HDPE Components

#### HDPE Panels

Panels shall be precision cut from a single solid sheet of .750" thick UV-stabilized extruded high-density polyethylene with colors molded in. The material will have a density of 60 lbs/ft<sup>3</sup> and a tensile strength of 4400 PSI (30 Mpa) as determined per procedure C of ASTM D1928. All edges shall have radiuses and all corners rounded for safe play.

#### Blocks & Wheels Panel

Panel and wheels are cut from a sheet of high-density .750" thick extruded solid polyethylene with color molded in and UV-stabilized. Blocks are rotationally molded from medium density polyethylene with graphics molded in.

#### Inclined Wall Climber

Inclined Wall shall be precision cut from a single solid sheet of .750" thick UV-stabilized extruded high-density polyethylene with colors molded in. The material will have a density of 60 lbs/ft<sup>3</sup> and a tensile strength of 4400 PSI (30 Mpa) as determined per procedure C of ASTM D1928. All edges shall have radiuses and all corners rounded for safe play. Frame Assembly shall be an all welded assembly fabricated from 1.315" O.D. galvanized steel tubing (.083" wall thickness). This assembly shall have a powder coat finish.

### Metal Components

#### Coil Climber

Coil Climber consists of a 1-5/8" O.D. galvanized steel center tube with a 1-5/16" reduced end fitting for insertion into Vertical Pole Barrier. The coil is fabricated from a continuous 1-5/16" O.D. galvanized steel tube coiled to form a 10" diameter with maximum 11" clear spacing between each turn. Each open end of coiled tubing is welded shut, and the entire coiled tubing is welded to the 1-5/8" center pole at intervals using 1" O.D. galvanized tubing for connections. The entire Coil Climber is polyester powder-coated after fabrication.

#### Sided Entrance Barrier

Pipe Wall is fabricated from 1-5/16" O.D. 14-gauge galvanized steel tubing steel welded to L-Fittings and 3/16" x 2" x 27" Arch Side Entrance Plate. The entire Pipe Wall is coated with a bake on polyester powder-coated finished.

#### Loop Pole

Vertical Pole Barrier is fabricated from 1-5/16" O.D. , 1-5/8" O.D. galvanized steel tubing, and galvanized tabs, and all welded. The entire barrier is coated after fabrication with a baked on polyester powder-coat finish. Loop Pole consists of a straight 1-5/8" O.D. galvanized steel tube with a 1-5/16" reduced end fitting for insertion into Vertical Pole Barrier overhead extension. Loops are fabricated from a 1-5/16" O.D. tube bent to form 12" loops and welded to the center pole.

#### Spiral Step Climber

Vertical Pole Barrier is fabricated from 1 5/16" O.D. and 1 5/8" O.D. galvanized steel tubing, with galvanized tabs, and all welds are stainless steel. The entire Barrier is coated after fabrication with a baked on polyester powder-coated finish. Spiral Step Climber Pole consists of 1 5/8" O.D. galvanized steel tube and 1 5/8" O.D. galvanized steel tube with a 1 5/16" reduced end fitting for insertion into Vertical Pole Barrier overhead extension. All parts are welded with stainless steel and receive a baked-on polyester powder-coated finish after fabrication. Panel is cut from a solid sheet of high-density .850" thick extruded polyethylene with color molded in and UV-stabilized.

#### Turning Bar

49" Pipe Rail is 1 5/16" O.D. 14 gauge galvanized steel Tubing. All metal parts shall be coated with a custom formula TGIC polyester powder coating.

#### Wild Swinger

Half Clamps are cast from a 356 high-strength aluminum alloy and coated with a baked on polyester powder-coated finish. Wild Swing Frame is made of 3-1/2" O.D. 11-gauge galvanized steel tubing. 1" O.D. 14-gauge galvanized steel loops (handles) are steel welded to beam. A 3/16" thick plate and a 1 3/4" 11 Ga. Square tubing 3 1/2" long, is steel welded at each end of beam for oscillating bracket attachment. Oscillating Brackets are made of 3" x 3" x 0.125" wall thickness square tubing with a 7-gauge half clamp to fit 5" O.D. posts. Brackets are polyester powder-coated. "Rubber Rods" are made of EPDM with diameter of 0.938". All metal parts are polyester powder-coated after fabrication.

### Rotomolded Components

#### MaxClimb

SIDE ENTRY ARCHWAY shall be fabricated of 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with vertical rungs fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing. L-Fitting is fabricated from 3/16" thick hot rolled steel for attachment to clamp. The Entrance Enclosure shall be an all-welded assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating.

CLIMBING WALLS shall be rotationally molded from an extremely durable double-walled low-density polyethylene with (UV) light stabilizers and color molded in. This material complies with STM-D-1248, Type 2, Class A, and Federal specification LP-390C, Type 1, Class M, Grade2, Category 3, and has a minimum 1/4" wall thickness.

SUPPORTS are fabricated from .120 (11 gauge) hot-rolled flat steel, and 2-1/2" X 1-1/2" black steel tubing. Supports shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

CABLES are 5/8" galvanized wire reinforced cable with a urethane coated polyester cover.

#### Log Roll

Center Pipe is a 1-5/16" O.D. galvanized pipe. Handholds are bent from 1-5/16" O.D. galvanized steel tubing and coated after fabrication with a baked on polyester powder-coated finish. The Log Roll is a 15" diameter roto-molded polyethylene cylinder with an UV-stabilizer for color retention. A 1-5/8" O.D. galvanized tube sleeve is molded into the log roll. Collars are extruded from aluminum with a powder-coat finish.

#### Apex Climber - Standard

ENTRY ARCHWAY shall be fabricated of 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with vertical rungs fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing. L-Fitting is fabricated from 3/16" thick steel for attachment to clamp. The Entry Archway shall be an all-welded assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating.

MOUNTING BRACKET shall be formed from 1/4" x 2" hot-rolled steel plate. The Mounting Bracket shall be coated after fabrication with a custom formula of TGIC polyester powder coating.

CLIMBER shall be rotationally molded from an extremely durable double-walled low-density polyethylene with (UV) light stabilizers and color molded in. This material complies with STM-D-1248, Type 2, Class A, and Federal specification LP-390C, Type 1, Class M, Grade2, Category 3, and has a minimum 1/4" wall thickness.

FOOTBUCKS are fabricated from 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with smashed end for attachment to climber. Footbuck shall be coated after fabrication with a custom formula of TGIC polyester powder coating

#### Double Slides - Roto-Molded

Slide foot buck is fabricated from 2 3/8" O.D. galvanized steel tubing and 12 gauge stainless steel plate. Cross Bar is fabricated from 1 5/16" O.D. 14-gauge galvanized tubing. Barrier assembly is fabricated from 1 5/16" O.D. 14-gauge galvanized tubing and 1 1/4" O.D. galvanized end cap. Collar Plate is fabricated from 1/8" sheet steel and 2 1/8" O.D. steel collar. All metal parts shall be coated with a custom formula TGIC polyester powder coating. Slide sections and Visor Hood shall be rotationally molded from an extremely durable double-walled low density polyethylene with (UV) light stabilizers and color molded in. This material complies with ASTM-D-1248, Type 2, Class A, and Federal specification LP-390C, Type 1, Class M, Grade2< Category 3, and has a minimum 1/4" wall thickness (3/16" for Visor Hood). Steel inserts are molded in to receive fastening bolts. Slide side rails are a minimum 12" high from the inside slide surface, and slide bed-way is designed to have a 20" minimum width.

## Deck Components

#### Deck Platforms

Metal decks shall be a one-piece construction and shall be designed to maintain a full 48" on center post spacing. Metal decks shall be fabricated from 11 gauge hot rolled steel which shall be punched, formed, and reinforced with welded in place 2-1/2" x 11 ga. steel strips. Decks shall include a pattern of equally spaced slots on each side to provide a flush mounting of play events that attach to the deck, as well as the design of more than one adjacent deck at the same height. Each deck shall have welded at the corner underside a threaded 3/8" stud for attachment to the post's Deck Clamps. This fastening technique eliminates the need for hardware protruding through the deck surface, thereby eliminating the possibility of an entanglement hazard and presenting a clean and smooth deck surface. Entire deck assembly, after fabrication, shall be dipped in a textured skid-resistant poly-vinyl-chloride (plastisol) coating to a minimum thickness of .080".

#### Isosceles Triangle Deck

Metal decks shall be a one-piece construction and shall be designed to maintain a 48" on center post spacing on two sides with a 90° corner between the two 48" sides and a 67-7/8" center post spacing on the final side. Metal decks shall be fabricated from 11 gauge



hot rolled steel which shall be punched, formed, and reinforced with welded in place 2-1/2" x 11 ga. steel strips. Decks shall include a pattern of equally spaced slots on each side to provide a flush mounting of play events that attach to the deck, as well as the design of more than one adjacent deck at the same height. Each deck shall have welded at the corner underside a threaded 3/8" stud for attachment to the post's Deck Clamps. This fastening technique eliminates the need for hardware protruding through the deck surface, thereby eliminating the possibility of an entanglement hazard and presenting a clean and smooth deck surface. Entire deck assembly, after fabrication, shall be dipped in a textured skid-resistant poly-vinyl-chloride (plastisol) coating to a minimum thickness of .080".

#### Kickplates

Kickplate is cut from galvanized sheet metal with (8) 7/16" x 1" slotted holes punched to coincide with deck flange holes. Corners are rounded, edges are ground smooth, and receives a baked-on polyester powder-coated finish after fabrication.

#### Arch Bridge w/ Pipe Wall

The Arch Bridge is fabricated from pre-punched steel sheet with steel flat support bars welded underneath to increase strength. After welding, the entire bridge is Plastisol coated with a minimum thickness 80 mils on top wear surface. Average perforation size is 0.35" diameter after coating. The Pipe Wall is fabricated from 1-5/16" O.D. galvanized steel tubing with 'L' fitting stainless steel welded for attachment. The entire Pipe Wall receives a baked on polyester powder-coated finish.

#### Kickplate - Isosceles

Kickplate measures 9-1/2" x 58", and is cut from galvanized sheet metal with (10) 7/16" x 1" slotted holes punched to coincide with deck flange holes. Edges are ground smooth and receives a baked-on polyester powder-coated finish after fabrication.

#### Triangle Transfer with Handhold

#### Triangle Transfer with Handhold

The Triangle Transfer shall be made from 12 gauge punched steel with a protective p&o finish in conformance with the specifications outlined herein. The Triangle Transfer shall be a one-piece welded assembly finished with the matte PVC coating per the specifications herein. Handhold shall be fabricated from 1 7/8" O.D. x .12" (11 gauge) wall and 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. Support legs shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. Handhold and Support Legs shall be all-welded assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder in conformance with the specifications outlined herein.

#### Return Step

#### Return Step

The Return Step shall be made from 12 gauge punched steel with a protective p&o finish in conformance with the specifications outlined herein. The Return Steps shall be a one-piece welded assembly finished with the matte PVC coating per the specifications herein. Support legs shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. Support Legs shall be all-welded assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder in conformance with the specifications outlined herein.

#### Cable Nets

#### Tight Rope Link

The hand support cable shall be constructed of 16mm galvanized wire reinforced cable with a urethane coated polyester cover. The big rope shall be constructed of 3" diameter nylon rope with galvanized steel cable core. The cable clamp assembly shall be formed from 3/16" x 3 1/2" hot rolled flat steel with 1/2" welded tabs. The cable clamp assembly shall be coated with a custom formula of TGIC polyester powder coating.

#### Labyrinth Link

The Labyrinth Link net shall be constructed of 16mm galvanized wire reinforced cable with a urethane coated polyester cover. The cable clamp assembly shall be formed from 3/16" x 3 1/2" hot rolled flat steel with 1/2" welded tabs. The cable clamp assembly shall be coated with a custom formula of TGIC polyester powder coating.

## Exercise System

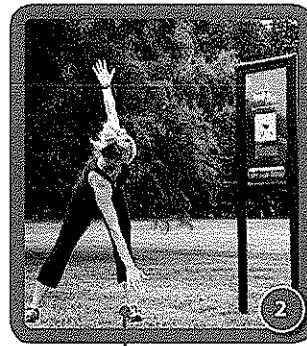
Health Trail combines a series of 12 or 20 scientifically designed exercise stations for placement along a 1 to 2 mile jogging trail.

Initial Stations	Intermediate Stations	Final Stations
Loosen Muscles	Strengthen Major Muscle Groups	Stretch Muscles
Cardio Warm-up	Improve Flexibility	Cool Down

The Health Trail system of intervals develops cardiovascular conditioning, muscle tone, and flexibility resulting in the overall improvement and maintenance of participants' fitness levels.



1 Leg Stretch



2 Arm Swing



3 Jumping Jack

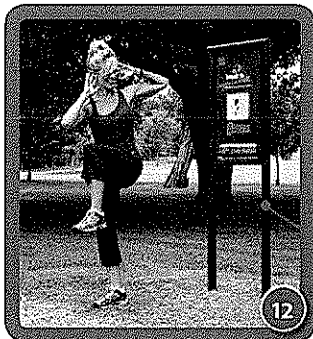
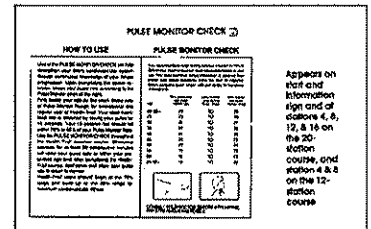
# play&park health trail™



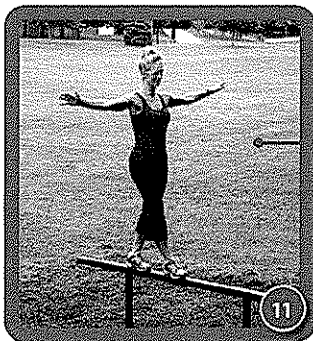
19 Knee Raise

20 Toe Touch

Participants can monitor their target heart rate by using the Pulse Monitor Check charts located at strategic exercise stations throughout the course.



12

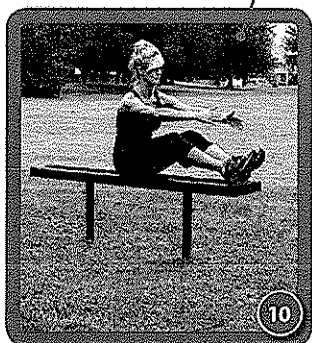


18 Balance Beam

11

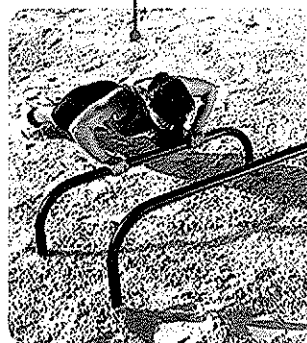


17 Isometric Squat



16 Sit-Up with Pulse Sign

10



15 Push-Up



14 Bench Leg Raise

9





4 Body Rotation with Pulse Sign



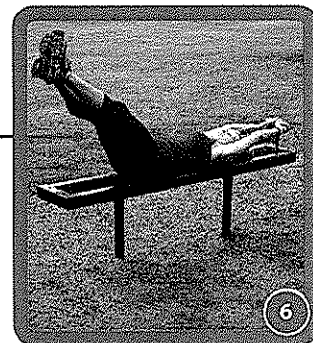
5 Flat Footed Jump



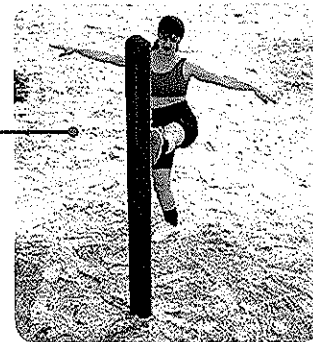
6 Chin-Up



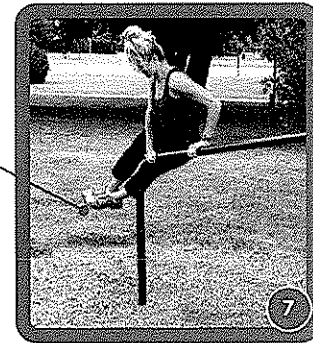
7 Step-Up



8 Body Curl with Pulse Sign



9 High Kick



10 Vault Bar



Health Trail instruction signs are constructed from powder coated steel tubing and silk screened aluminum sheet. Exercise equipment is constructed primarily from powder coated steel tubing and plastisol coated punched steel.



Each station is equipped with a detailed exercise instruction sign designed to accommodate all levels of fitness and specify walking, jogging, or running depending on that level.

12 Station

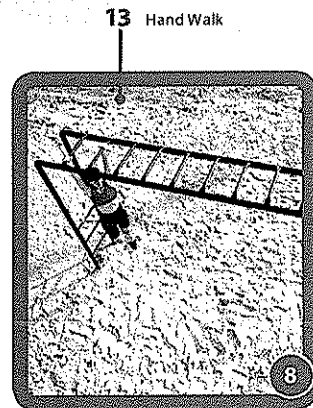
**67569** Health Trail Exercise System  
Stations: 12 Weight: 1,964 lbs.

20 Station

**67568** Health Trail Exercise System  
Stations: 20 Weight: 3,150 lbs.

Available in all powdercoat & plastisol colors

**67569** and **67568** include all station signs and equipment, as well as a Start Sign, Pulse Sign, and Finish Sign.



13 Hand Walk



12 High Jump with Pulse Sign



11 Spring-Up