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

# Request for Quotation

DNR210007

PAGE 1

ADDRESS CORRESPONDENCE TO ATTENTION OF

RRISTA FERRELL 304-558-2596

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

PARKERSBURG WV 26101

DIVISION OF NATURAL RESOURCES
COOPERS ROCK STATE FOREST
ATTN: PARK SUPERINTENDENT
ROUTE 1, BOX 270
BRUCETON MILLS, WV
26525 594-1561

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

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

# **INSTRUCTIONS TO BIDDERS**

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



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

# Request for Quotation

RFQ NUMBER DNR210007

ADDRESS CORRESPONDENCE TO ATTENTION OF

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2325 LIBERTY ST

PARKERSBURG WV 26101

DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST ATTN: PARK SUPERINTENDENT ROUTE 1, BOX 270 BRUCETON MILLS, WV 26525 594-1561

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DAVIS ATHLETICS LLC

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Purchasing Division
2019 Washington Street East
Post Office Box 50130
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304-428-3000

26101

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ADDRESS CORRESPONDENCE TO ATTENTION OF

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B04-558-2596 DIVISION OF 1

T

DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST ATTN: PARK SUPERINTENDENT ROUTE 1, BOX 270

BRUCETON MILLS, WV

26525 594-1561

DATE PRINTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS 07/30/2009 BID OPENING DATE: 08/27 /2009 OPENING TIME 01:30PM TINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS. - DELETE DER ADDENDUM # Z EXHIBIT 5 ---WEST VIRGINIA CODE 21-LD-5 PROVIDES THAT: ANY SOLICITA-TION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK T SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTI-CLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WIT THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID. DELETE PER ADDENOVM #2 NOTICE TO PROCEED! THIS CONTRACT IS TO BE PERFORMED WITHIN 30 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED. DELETE PER ADDENDUM THE DIRECTOR OF PURCHASING RESERVES THE CANCELLATION RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN. DELETE PER ADDENDUMEZ WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. | DEPARTMENT OF LABOR MINIMUM WAGE ESTABLISHED FOR PRESTON COUNTY, PURSUANT SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE TELEPHONE 77 2,2009 304.428.3000 5 mp 7. FEIN TITLE ADDRESS CHANGES TO BE NOTED ABOVE 41.2171922



\*702142549

DAVIS ATHLETICS LLC

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KRISTA FERRELL 304-558-2596

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26525 594-1561

DATE PRINTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS 07/30/2009 BID OPENING DATE: 08/27/2009 BID OPENING TIME 01:30PM CAT. LINE QUANTITY UOP. ITEM NUMBER UNIT PRICE AMOUNT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT) DELETE PER ADDENDUM ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) | CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED. DELETE PER ADDENDUM EZ workers' compensation: Vendor is required to provide A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL. ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT: ADDENDUM #2 DELETE PER (XX) INSURANÇE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000. ) BUILDER\$ RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100\$ OF THE AMOUNT OF THE CONTRACT. - DELETE PER ADDENDUM FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF (XX) BONDS: THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE \$UBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL #IDDER SHALL ALSO | FURN ISH A PERFORMANCE BOND AND LABOR/ MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, TRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A \$OLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE \$TATE OF WEST VIRGINIA; A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS PERSONAL OR BUSINESS CHECKS ARE NOT SEE REVERSE SIDE FOR TERMS AND CONDITIONS UNDER \$100,000 SIGNATURE TELEPHONE 304.428 .3000 57 2,2009 TITLE FEIN ADDRESS CHANGES TO BE NOTED ABOVE 41.2171922



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TITLE Ones	FEIN 41	1.2/7/922			TO BE NOTED ABOVE



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DIVISION OF NATURAL RESOURCES
COOPERS ROCK STATE FOREST
ATTN: PARK SUPERINTENDENT
ROUTE 1, BOX 270
BRUCETON MILLS, WV

594-1561

DATE PRINTED	TERMS OF SALE	SHIP:VIA	FOB	FREIGHT TERMS
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DATE	VTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS
07/3 BID OPENING D	2009
LINE	O8/27/2009 BID OPENING TIME 01:30PM OUANTITY UOP ON TEM NUMBER UNIT PRICE AMOUNT
	OPENING DATE ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE
	(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND RECULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.
	REV. 11/96
	EXHIBIT 10
	ADDENDUM ACKNOWLEDGEMENT
	I HEREBY ACKNOWLEDGE RECEIPT OF THE FOILOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.
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	NO. 5
SIGNATURE	SEE REVERSE SIDE FOR TERMS AND CONDITIONS  TELEPHONE 304. 428.3000 DATE Supt. 2, 2009
TITLE	FEIN 41. 217 1922 ADDRESS CHANGES TO BE NOTED ABOVE
	HEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



\*702142549

PARKERSBURG WV

DAVIS ATHLETICS LLC 2325 LIBERTY ST

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

26101

304-428-3000

# Request for Quotation

DNR210007

PAGE 8

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL

DIVIS

DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST ATTN: PARK SUPERINTENDENT

ROUTE 1, BOX 270 BRUCETON MILLS, WV

26525 594-1561

DATE PRINTED TERMS OF SALE SHIP VIA FOR FREIGHTTERMS 07/30/2009 BID OPENING DATE: 08/27/2009 BID OPENING TIME 01:30PM CAT LINE UOP QUANTITY ITEM NUMBER UNIT PRICE AMOUNT UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS. VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY AND ANY STATE PERSONNEL IS NOT BINDING ONLY THE information issued in writing and added to the SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING. MLETRE, LLC COMPANY 2009 DATE REV. 11/96 ADDENDUM #2 CONTRACTORS LICENSE -DELETE PER WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED! THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE LICENSE. MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890. west virginia state code 21-11-11 requires any PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS JICENSE NUMBER ON THEIR BID. TOCOMPLETE SEE REVERSE SIDE FOR TERMS AND CONDITIONS: TELEPHONE 304.428.3000 SIGNATURE 2,2009 ADDRESS CHANGES TO BE NOTED ABOVE 41.2171922



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

# Request for Quotation

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DNR210007

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL B04-558-2596

\*702142549

304-428-3000 DAVIS ATHLETICS LLC 2325 LIBERTY ST

PARKERSBURG WV 26101

DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST ATTN: PARK SUPERINTENDENT ROUTE 1, BOX 270 BRUCETON MILLS, WV 26525 594-1561

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DAVIS ATHLETICS LLC

2325 LIBERTY ST

PARKERSBURG WV

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

26101

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# Request for Quotation

DNR210007

PAGE

KRISTA FERRELL 804-558-2596

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DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST ATTN: PARK SUPERINTENDENT

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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 DNR210007

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL <u>|304-558-2596</u>

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DATE PRINTED

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

PARKERSBURG WV 26101

DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST Þ ATTN: PARK SUPERINTENDENT ROUTE 1, BOX 270 BRUCETON MILLS, WV 26525 594-1561

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To supply and install playground equipment to offer play activities for children ages five (5) to twelve (12) at Cooper's Rock State Forest, Bruceton Mills, West Virginia. Playground equipment will be purchased for two separate areas in the park. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.

# **CAMPGROUND AREA PLAYGROUND**

Henderson play structure, Model #L02175R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- One (1) Henderson free standing playsteel heavy duty tire swing with a minimum
  of 3' top bar with powder coated finish. Item #SW101, or equal. Swing must
  include a swing chain that is a minimum of 4' in length' and made of galvanized
  steel, zinc plated swing bearing, and a tire. The tire must be new, steel-belted
  with a mechanical assembly of seat brackets and quick links.
- One (1) Henderson free standing double spring dino see saw motion toy, Item #MT214, or equal. See saw motion toy must include two oversized springs made of galvanized steel and must be designed for two (2) users. All paint must be a powder coated finish or the equivalent.
- One (1) Henderson bucking bronco motion toy, Item #MT003, or equal. Motion toy must consist of a cast aluminum animal with a powder-coat finish and coil spring base assembly. The coil spring must be constructed of cast aluminum construction.
- One (1) Henderson free standing plastic wave slide and ladder, Item #TS031, or equal. Slide must be a minimum of 5' in height and constructed with HDPE quality plastic, or equal.
- One (1) Henderson triple cliffhanger, Item #TE029, or equal. Cliffhanger must consist of climbing wall which must be rotationally-moulded with medium-density polyethylene and welded ground legs which consist of galvanized steel tube and a satin-coated steel sheet.

# **OVERLOOK AREA PLAYGROUND**

Henderson custom play structure, Model #PF09504R0, or equal. Structure components must include all hardware necessary for assembly. Structure must include the following components:

- One (1) Henderson spiral slide complete with hood and safety railings, or equal. Slide must be a minimum of 6' in height and a minimum of 16" wide. Slide must be zinc-plated hot rolled mild flat steel or the equivalent. Deck must consist of welded 10 gauge steel and Plastisol-coated after fabrication or the equivalent. Safety railing must be powder-coat painted or the equivalent.
- One (1) Henderson single cliffhanger, or equal. Cliffhanger must be a minimum of 6' in height and consist of a roto-molded HDPE quality plastic, or equal.
- One (1) Henderson accessible step deck, or equal. Step must be a minimum of 24" in height and include step deck, handrails, and infills. Handrails must be constructed with galvanized steel tube and must be powder-coat painted or the equivalent.
- One (1) Henderson double scoop slide complete with hood, or equal. Slide must be a minimum of 4' in height and the slide must consist of a minimum of a 10 gauge satin-coated steel sheet and ground legs that must be powder-coat painted or the equivalent.
- One (1) left transfer station, or equal. Station must be a minimum of 4' in length.
- Two (2) sets Henderson safety station railings, or equal. Station must be a minimum of 4' in length. Railings must be powder-coat painted or the equivalent.
- One (1) Henderson tower climber, or equal. Cimber must consist of a climber, safety railing, and pole frame. Climber must be made of galvanized steel and the entire assembly must be powder-coat painted, or the equivalent. Climber must be a minimum of 5' in height.
- One (1) Henderson maze wheel, or equal.
- One (1) Henderson custom panel, or equal.
- One (1) Henderson crooked net link, or equal.
- One (1) Henderson drum panel, or equal. Drum panel must consist of panel brackets, panels, and drums. Panel must be ground mounted.
- One (1) Henderson accessible trapeze beam, or equal. Trapeze beam must consist of ring beam and rings. The ring beam must be zinc-plated and consist of hot –rolled mild flat steel. Ring beam and rings must be powder-coat painted or the equivalent.

- One (1) Henderson paddle power, or equal. Paddle power must be a mechanical assembly of bar and plastic. Bar must be constructed of galvanized steel tube, HDPE quality plastic and the bar must be powder-coated or the equivalent.
- One (1) Henderson log roll, or equal. Log Roll must consist of a grab bar, turning bar, and log roll. Log roll must consist of galvanized steel and powder- coat painted or the equivalent.
- One (1) Henderson triple overhead rotator, or equal. Rotator must be a minimum of 12' in length and consist of an assembly beam, wheel, and end bar. Triple overhead rotator must be constructed of galvanized steel and must be powder-coat painted or the equivalent.
- One (1) Henderson twin track ride, or equal. Twin track ride must consist of tracks, support bars, trolleys, and handles. All components must be constructed with galvanized steel and must be powder-coat painted or the equivalent.

Henderson 1-bay arch swing, Model #SW340, or equal. Swing must be a minimum of eight feet (8') and must include belt seats and swing chains. Belt seats must be a minimum of 6"x 24" and consist of EPDM rubber and polymer and vandal-proof, or the equivalent. Swing chain must consist of a minimum of 6mm galvanized swing chain and must be the industry standard length for belt swings. All hardware must be rust-proof.

Henderson arch swing, Model #SW341, or equal. Swing must be a minimum of eight feet (8') in height and extend a half bay complete with two (2) baby seats and swing chains, or equal. Baby seats must be fully enclosed and consist of EPDM rubber and polymer blend and must be vandal-proof. Swing chain must be the industry standard length for baby swings. All hardware must be rust-proof.

# ITEMS FOR ALL PLAYGROUNDS

All playground equipment must meet the following requirements:

- Compliance with U.S. Consumer Product Safety Commission, Handbook for Public Playground Safety.
- Compliance with ASTM Standard F 1487.

 Compliance with Architectural and Transportation Barriers Compliance Board, Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas.

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 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 Cooper's Rock State Forest. Color of items will be selected from manufacturer's standard colors.

A mandatory pre-bid conference will be held on August 11, 2009, at Cooper's Rock State Forest at 10:00.am. 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.

# Pricing Sheet:

Vendors must provide unit pricing for all line items. Failure to provide unit pricing will result in the disqualification of the vendor's bid.

# WVDNR210007

# Cooper's Rock State Forest Playground Equipment

# PRICING SHEET - REPLACED

WITH ADDENDUM #3
PRICING SHEET

Item No. Quantity		Description	Unit Price	Amount
1	1	Henderson Play Structure: Model		
		#L02175R0, or equal.		
2	1	Henderson free standing heavy		
		duty tire swing with top bar, Item		
		#SW101, or equal.		
3	1	Henderson free standing double		
		spring dino see saw motion toy,		
		Item #MT214, or equal.	`	
4	1	Henderson free standing bucking		
		bronco motion toy, Item #MT003,		
		or equal.		
5	1	Henderson free standing plastic		
		wave slide and ladder, Item		
		#TS031, or equal.		
6	1	Henderson free standing triple		
		cliffhanger, Item #TE029, or equal.		
7	1 .	Henderson Play Structure: Model		
threatening the state of the st		#PF09504R0, or equal.		
8	1	Henderson 1-bay arch swing.		
		Swing must be a minimum of eight		
		feet (8') and complete with four		
		(4) belts, Model #SW340, or equal.		
9	1	Henderson arch swing. Swing mus	t	
		be a minimum of eight feet (8')		
	*****	and extend a half bay complete		
		with two (2) baby seats, Model		
	·	#SW341, or equal.		
		TOTAL		1

# Cooper's Rock State Forest

# PLAYGROUND EQUIPMENT SHEET

REPLACED WITH ADDENDUM # 3
PLAYGROUND EQUIPMENT SHEET

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

em No.	Equipment	Manufacturer	Model
1	Campground Area Playground. Henderson Play Structure, Model# L02175R0, or equal.		
2	Campground Area Playground. Henderson free standing playsteel heavy duty tire swing with top bar, Item #SW101, or equal.		
3	Campground Area Playground. Henderson free standing double spring dino see saw motion toy, Item #MT214, or equal.		
4	Campground Area Playground. Henderson bucking bronco motion toy, Item #MT003, or equal.		
5	Campground Area Playground. Henderson free standing plastic wave slide and ladder, Item #TS031 or equal.		
6	Campground Area Playground. Henderson triple cliffhanger, Item #TE029, or equal.		
7	Overlook Area Playground. Henderson custom play structure, Model #PF09504Ro, or equal.		
8	Overlook Area Playground.  Henderson spiral slide complete with hood, or equal.	·	

# Cooper's Rock State Forest PLAYGROUND EQUIPMENT SHEET

REPLACED WITH ADDENDUM 3
PLAYGROUND EQUIPMENT SHEET

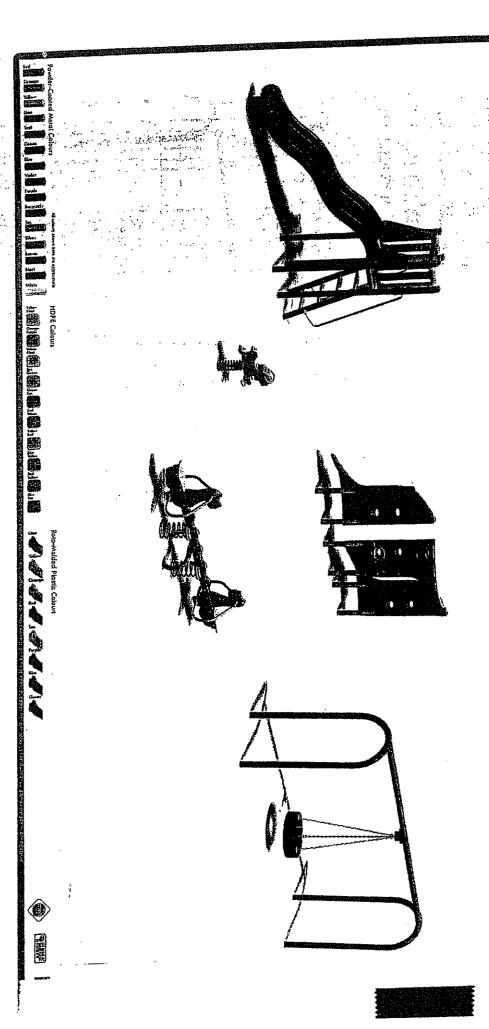
em No.	Equipment	Manufacturer	Model
9	Overlook Area Playground.		
3	Henderson single cliffhanger, or		
	equal.		
10	Overlook Area Playground.		
	Henderson accessible step, or		
	equal.		
11	Overlook Area Playground.		
	Henderson double scoop slide		
	complete with hood, or equal.		
12	Overlook Area Playground.		
	Henderson left transfer station, or		
	equal.		
13	Overlook Area Playground.		
	Henderson safety station railings,		
	or equal.		
14	Overlook Area Playground.		
	Henderson tower climber, or equal.		T. A. C. C. C. C. C. C. C. C. C. C. C. C. C.
	Control Area Planaround		
15	Overlook Area Playground.  Henderson maze wheel, or equal.		
	Henderson maze wheer, or equal.		
16	Overlook Area Playground.		
	Henderson custom panel, or equal.		
17	Overlook Area Playground.		
	Henderson crooked net link, or		
4.0	equal. Overlook Area Playground.		
18	Henderson drum panel, or equal.		
10	Overlook Area Playground.		
19	Henderson accessible trapeze		
	beam, or equal.		
20	Overlook Area Playground.		
۳.	Henderson paddle power, or equal.		
21	Overlook Area Playground.		
mine ingre	Henderson log roll, or equal.		

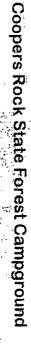
# Cooper's Rock State Forest

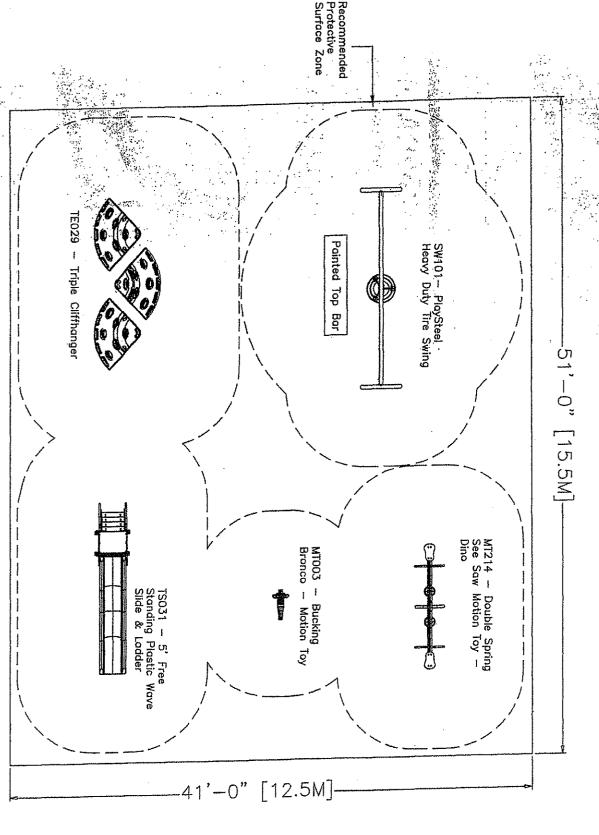
# REPLACED WITH ADDENOVA #3 PLAYGROUND EQUIPMENT SHEET PLAY CROWN EQUIPMENT SHEET

em No.	Equipment	Manufacturer	Model
22	Overlook Area Playground.		
	Henderson triple overhead rotator,		
	or equal.		
23	Overlook Area Playground.		
	Henderson twin track ride, or		
	equal.		
24	Overlook Area Playround.		
	Henderson 1-bay arch swing 8'		
	complete with belt seats, Model		
	#SW340, or equal.		
25	Overlook Area Playground.		
	Henderson arch swing 8' extend a		
	half bay complete with two baby		
	seats, Model #SW341, or equal.		
	,	u	

# Coopers Rock State Forest Campground







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Best User Age: 5 to 1:

Accessibility:

2mopt5

Pósts: Green
Accent: Ton
Roto Plastic: Green
3/4 Plastic: Jan/Green
Other: See Swing

Surfacing Type: Wood Border Area: 2091 Border Perimeter: 184

inground 36 Footing Quantity: installation Style:

Compliance:

ASTM F 1487, CPSC Soles Rep. F.D.

itess otherwise specified.
The locations of all telepit of the continuous of all telepit of the continuous of the contin

All plogrounds must be installed with oppropriets resurfacing and safely zones meet the lettest CAM/CSA-7314 (16) or ASTM F 1487 (USA) relaction to the ploground installation must be propenly propared 1 tenderson Recreation assists by propend and tenderson Recreation assists ploground shalled in the ploground installation specifications prior to install thenderson Recreation does the ploground installation as the ploground installation is normal soil and digiting conditions. Henderson Recreation fundament to continuous only unusual soil conditions. Henderson Recreation fundament to continuous product development and improvement and therefore reserves the right to improvate or discontinue product specifications without notice.

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Revised By: Revision Date: Scolar See Kay Drawn By: R.H. Date Drawn: July 18, 2008

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LIMITED: P.C.: BOX 68, 11 GLEENTSON DRIVE. SHACE. DIFLARD, CAMADA, NOY 448, TOLL FREE: 1.800.285.5482 FXX: \$18.425.1132. ALL RIGHTS RESERVED. THIS DEVANING IS NOT TO SE REPRODUCED IN ANY WITHOUT PRICE APPROVA

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# L02175r0 Specifications

# Play Structure General Specifications

# Playground Equipment Designs

•ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use

equipment to Public Use

\*U.S. Consumer Product Safety Commission
(CPSC) Handbook for Public Playground Safety

\*Americans with Disabilities Act (ADA)
accessibility standards

# **Steel Components**

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

# Uprights

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

#### Decks

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

# Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

200

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

# **Powder-Coat Paint Finish**

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

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

### Welded Components

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

#### **Plastisol Coating**

Plastisol coating is Denflex PX-12412 poly-vinylchloride with an average thickness of 0.15 (4mm) unless otherwise specified. Prior to coating, parts are chemically washed with phosphate coat 4013A, treated with a spray-on primer at room temperature, and allowed to dry completely. Parts are heated to 350°F (176°C) internal temperature for 3.5 minutes in an 800°F (427°C) oven and submerged in Plastisol. Coated parts are cured in a liquid salt bath at 395°F (202°C). Coating contains flame-retardant additive, ultraviolet (U.V.) ray stabilizer to maintain colour, and fungastat to improve resistance to fungal growth. Tensile strength is 2300 lb/in2 (15858.5 kPa), tear strength is 419 lb/in (74,8 kg/cm), ultimate elongation is 250%, and shore "A" durometer is 95 +/- 2. Materials comply with the following performance standards:

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

#### Hardware and Fasteners

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

# Rotationally-Moulded Plastic Parts

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

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

# 0.75" (19mm) Sheet Polyethylene Parts

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

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

# Recycled Plastic

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

# **Motion Toys**

#### **Bucking Bronco - Motion Toy**

Bucking Bronco is a mechanical assembly of aluminum animal and coll spring base assembly. Aluminum animal is a welded assembly of bucking bronco, handle, and footrest. Bucking bronco is alloy 319 cast aluminum with an average wall thickness of 0.25" (6mm). Handle is 1" (25mm) O.D. 6063-T52 aluminum rod. Footrest is 1" (25mm) O.D. 6063-T52 aluminum rod. Coll spring base assembly is a mechanical assembly of spring, upper spring base, and lower spring base. Spring is 5.625" (143mm) O.D. x 0.75" (19mm) type 5160 steel wire, Upper spring base is a welded assembly of 5" (127mm) O.D. x 0,188" (5mm) hollow structural steel tube, 3.5" (89mm) schedule 40 black steel pipe, 0.375" (10mm) O.D. hot-rolled steel bar, 0.5" (13mm) square hot-rolled steel bar, 0.375" (10mm) hotrolled mild flat steel, and 0.25" x 3.5" (6mm x 38mm) hot-rolled mild flat steel. Lower spring base is a welded assembly of 3.5" (89mm) O.D. x 0.188" (5mm) hollow structural steel tube, 5" (127mm) schedule 40 black steel pine, 3.5" (89mm) schedule 40 black steel pipe, 0.25" x 1.25" (6mm x 32mm) hot-rolled mild flat steel, 0.375" (10mm) hot-rolled mild flat steel, 0.5" (13mm) square hot-rolled steel bar, and 0.375" (10mm) O.D. hot-rolled steel bar, Entire assembly is powder-coat painted.

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# Double Spring See Saw Motion Toy - Dino

Double-Spring See Saw is a mechanical assembly of upper assembly, lower base, springs, clamps, and anchors. Upper assembly is a mechanical assembly of plastic components, side beams, base plate, and handles. Plastic components are 0.75" (19mm) sheet polyethylene. Side beams are 1.5" x 3" (38mm x 76mm) rectangular x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Base plate is a welded assembly of 0.25" x 3.5" (6mm x 19mm) hot-rolled mild flat steel and 0.1875" x 3" (5mm x 76mm) hot-rolled mlid flat steel. Handles are a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.25" x 1.5" (6mm x 38mm) hot-rolled mild flat steel. Side beams, base plate, and handles are powder-coat painted. Lower base is a welded assembly of 2.375\* (60mm) O.D. x 10 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 1.75" x 6" (5mm x 44mm x 152mm) hol-rolled flat steel channel, 0.25" x 3" (6mm x 76mm) hot-rolled mild flat steel, and 0.25" x 0.75" (6mm x 19mm) hot-rolled mild flat steel. Springs are a mechanical assembly of 8' (203mm) O.D. x 0.75" (19mm) type 5160 steel wire, 0.25" (6mm) hot-rolled mild flat steel, and 0.5" (13mm) sheet polyethylene. Springs are powder-coat painted. Clamps are a welded assembly of 0.25" x 2" (6mm x 51mm) hot-rolled mild flat steel and minimum 0.25" (6mm) O.D. hot-rolled steel bar. Anchors are a mechanical assembly of 4" (102mm) square x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 6" (6mm x 152mm) hot-rolled mild flat steel, and minimum 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel. Anchors are powder-coat painted.

# **Swings**

# PlaySteel Heavy Duty Tire Swing

Heavy Duty Tire Swing is a mechanical assembly of top bar, tire swivel bearing, end frames, and tire swing assembly. Top bar is a welded assembly of 3" (76mm) schedule 40 galvanized steel pipe and 0.25" x 8" (6mm x 203mm) hotrolled mild flat steel. Tire swivel bearing is a mechanical assembly of housing and bearing. Housing is 4" (102mm) square x 0.188" (5mm) hollow structural steel tube, 0.75" (19mm) O.D. x hollow structural steel tube, 1.5" x 1.5" x 0.1875" (38mm x 38mm x 5mm) hot-rolled steel angle. and 10 gauge (3mm) hot-rolled steel sheet. Bearing is a mechanical assembly of lightly greased Nylatron® ball and socket, 0.5" (13mm) O.D. hot-rolled round steel bar, and 0.375' (10mm) O.D. cold-rolled steel bar. Tire swivel bearing is zinc-plated. End frames are a welded assembly of 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coal® galvanized steel tube, 3' (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. End frames are powder-coat painted. Tire swing assembly is a mechanical assembly of seat. brackets, quick links, and chain. Seat is a mechanical assembly of tire, tube, and fasteners. Tire is new steel-belted, passive tread tire with a combination of natural and synthetic rubber. Tube is 1" (25mm) schedule 40 galvanized steel pipe. Fasteners are 0.5" (13mm) machine bolts. Brackets are 10 gauge (3mm) satin-coated steel sheet. Quick links are 0.3125" (8mm) zinc-plated electrogalvanized. Chain is 4/0 hot-dipped galvanized straight-link coll chain.

# Cooper Rock State Forest Overlook Area

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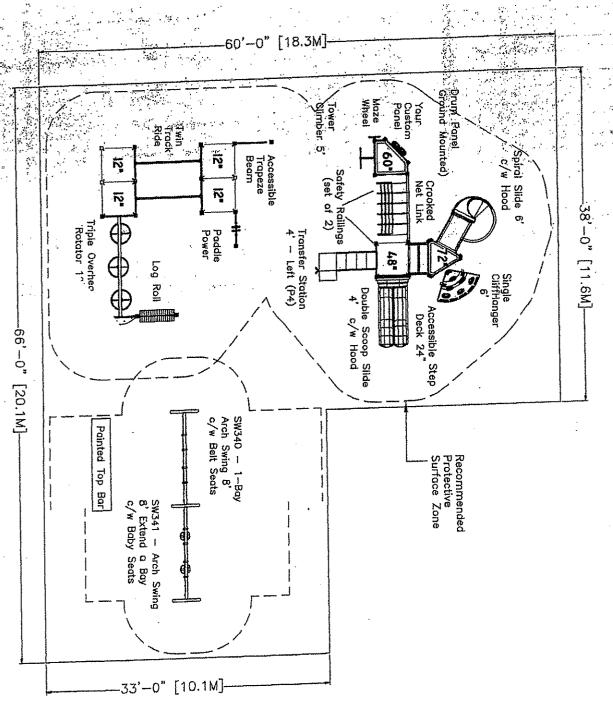
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# Cooper Rock State Forest Overlook Area

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Cooper Rock State Forest Overlook Area



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PARAMETER STATE OF THE Accessibility: Yes Best User Age: 5 to

**Colour** 

Posts: Green Accent: Ton Roto Plastic: Green 3/4 Plastic: Ton/Green Other: See Swings Surfacing Type: Wood C

Border Area: 3204 nstallation Style: order Perimeter.

Inground 36°

goting Quantity:

ASTM F 1487, CPSC

Sgles Rep: F.D.

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HREL 2/2

No-encroachment zones to are adjacent to but outlide the safety surface are insue free of any obstocles that winged or block sofe spidary traffic flow around the safety surface area. No-encropolar zones that are within the sa surface area must be fige a chetzeles.

Drawn By: R.H.
Date Drawn: July 18, 2008
Revised By:
Revision Date:
Scale: See Kay

# PF09504r0 Specifications

# Play Structure General Specifications

# Playground Equipment Designs

It is the opinion of the manufacturer that playground equipment designs are developed in compliance with the most recent published edition of the following safety standards: •CAN/CSA-Z614 Children's PlaySpaces and Equipment

 ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use

·U.S. Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety -Americans with Disabilities Act (ADA) accessibility standards

# Steel Components

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

# Uprights

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

#### Decks

PlaySteel 4 decks are a welded assembly of angle, expanded metal, and structural reinforcements. Angle is 2.5" x 2.5" x 0.1875" (64mm x 64mm x 5mm) hot-rolled steel angle. Expanded metal is style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal. Structural reinforcements are 0.125" x 1,5" (3mm x 38mm) zinc-plated hot-rolled mild flat steel. Entire. assembly is Plastisol-coated to a depth of 0.15" (4mm) after fabrication. Decks are pre-punched to receive components.

# Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

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

#### Powder-Coat Paint Finish

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

ASTM D 522 (Mandrel Bending)

ASTM D 2794-90 (Impact)

·ASTM B 117-90 (Salt Spray Resistance)

ASTM D 3359B (Cross Hatch Adhesion)

-ASTM D 2247-87 (Humidity Resistance)

ASTM D 3363 (Pencil Hardness)

•ASTM D 822 (Weatherability)

ASTM D 2454 (Overbake Resistance)

# Welded Components

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

# Plastisol Coating

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

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

#### Hardware and Fasteners

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

# Rotationally-Moulded Plastic

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

-ASTM D 790 (Flex Modulus)

•ASTM D 638 (Tensile Strength)

ASTM D 648 (Heat Distortion Temperature) ARM-STD (Low Temperature Impact)

# 0.75" (19mm) Sheet Polyethylene Parts

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

ASTM D 790 (Flex Modulus)

•ASTM D 638 (Tensile Strength)

ASTM D 648 (Heat Distortion Temperature)

# Recycled Plastic

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

# **Activity Panels**

#### Drum Panel (Ground Mounted)

Drum Panel is a mechanical assembly of panel brackets, panel, and drums. Panel brackets are a welded assembly of 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Panel brackets are powder-coat painted. Panel is 0.75" (19mm) sheet polyethylene. Drums are rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

# Adapters

# PF Hex Post Adapter Left 46"

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

# PF Hex Post Adapter Right 46"

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

# PF09504r0 Specifications

# **Balancing Activities**

# Log Roll

Log Roll is a mechanical assembly of grab bar, turning bar and log roll. Grab bar is 1:315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Grab bar is powder-coat painted. Turning bar is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Turning bar is powder-coat painted. Log roll is rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

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# **Climbing Activities**

# **Tower Climber 5'**

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

#### Decks

# Launch Pad

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

# P4 Change-of-Direction Deck - Punched

Change-of-Direction Deck is a welded assembly of deck and ralling. Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Railing is a welded assembly of 1.315" (33mm) C.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14

gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0:1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel connecting lugs, and 0.1875" x 1:75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel connecting lugs. Ralling is powder-coat painted. Surface area is 1695 in 2 (1.09m2).

# P4 Square Deck - Punched

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

### P4 Triangle Deck - Punched

Triangle Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 36mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Deck is Plastisol-coated. Surface area is 1197 in2 (0.77m2).

#### Links

#### Crooked Net Link

Crooked Net Link is a mechanical assembly of net, support bar and side support bar. Net is 0.625" (16mm) O.D. vandal-resistant polypropylene-covered galvanized steel strand fibre-core cable. Support bar is a welded assembly of 2.875" (73mm) O.D. x 8 gauge (4mm) Allied Fio-Coat® galvanized steel tube, 0.25" x 3.5" (6mm x 89mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel. Side support bar is 1.66" (42mm) x 11 gauge (3mm) Allied Fio-Coat® galvanized steel tube. Support bar and side support bar are powder-coat painted.

# Overhead Activities

#### Accessible Trapeze Beam

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

#### Paddle Power

Paddle Power is a mechanical assembly of bar and plastic. Bar is a welded assembly of 1.66° (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.315" (33mm) O.D. x.12 gauge (3mm) Allied Flo-Coat® galvanized steel tube; and 0.1875" x 1.75" (5mm) x 44mm) zinco plated hot-rolled mild flat steel. Bar is powdercoat painted. Plastic is 0.75" (19mm) sheet polyethylene.

# Triple Overhead Rotator 12'

Triple Overhead Rotator is a mechanical assembly of beam, wheel, and end bar. Beam is a welded assembly of 3.5" (89mm) O.D. x.8 gauge (4mm) Allied Fio-Coal® galvanized steel tube and 10 gauge (3mm) satin-coaled steel sheet. Wheel is a welded assembly of 1,315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube; 3" (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, 1,029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.25" (6mm) hot-rolled steel flat. End bar is a welded assembly of 1.5" x 3" (38mm x 76mm) rectangular x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

#### Twin Track Ride

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

# Slide Hoods

# New Style Double Slide Plastic Hood (SPI)

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

# PF09504r0 Specifications

# Slides

# Double Scoop Slide 4' (SPI)

Double Poly Slide is a mechanical assembly of slide angle, ground leg mount, ground legs string guards, and silde. Slide angle is 10 gauge (3mm) satin-coated steel sheet. Ground leg mount is a welded assembly of 1" x 4" x 0.125" (25mm x 25mm x 3mm) hot-rolled steel angle and 0.1875" x 2" (5mm x 51mm) zinc-plated hotrolled mild flat steel. Ground legs are 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. String guards are 0.75" (19mm) high-density polyethylene. Slide is onepiece, double-wall, rotationally-moulded mediumdensity polyethylene with an average wall hickness of 0.3125" (8mm). Slide has no seams, loints, or exposed hardware. Slide bed is minimum 16" (406mm) wide. Slide angle, ground leg mount, and ground legs are powder-coat bainted.

# Spiral Slide 6' (SPI)

Poly Spiral Slide is a mechanical assembly of slide, deck, safety railing, and support post. Slide is one-piece, double-wall, rotationallymoulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide has no seams, joints, or exposed hardware. Slide bed is minimum 16" (406mm) wide. Deck is a velded assembly of 10 gauge (3mm) hot-rolled steel sheet, style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, and 0.125" x 1.5" (3mm 38mm) hot-rolled mild flat steel structural reinforcements. Deck is Plastisol-coated after fabrication. Safety railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Goal® galvanized steel tube, 1.029" (26mm) Φ.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube; 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel, and 0.1875 x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Support post is 5" (76mm) O.D. x 0.125" (3mm) hollow structural steel tube. Safety railing is powder-coat painted.

# Stairs & Access Points

# Accessible Step Deck 24"

Accessible Step Deck is a mechanical assembly of step deck, handrails, and infills. Step deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel corner brackets. Step deck is Plastisol-coated. Handralls are a welded assembly of 1,315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube. Handrails are powder-coat painted. Infilis are 0.75" (19mm) sheet polyethylene.

# Swings

# 1-Bay Arch Swing 8'

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

### Arch Swing 8' Extend a Bay

Arch Swing is a mechanical assembly of top bar. swing bearings, and end frames. Top bar is 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube. Swing bearings are a mechanical assembly of upper and lower bracket. Upper bracket is 0.1875" x 2" (5mm x 51mm) hot-rolled mild flat steel. Lower bracket is a mechanical assembly of hanger and swivel bearing. Hanger is a welded assembly of 0.1875" x 2" (5mm x 51mm) hol-rolled mild flat steel and 0,1875" x 1.75" (5mm x 44mm) hot-rolled mild flat steel. Swivel bearing is a welded assembly of 1" (25mm) schedule 40 black steel pipe, 0.375" (10mm) O.D. hotrolled steel bar, 1.03" (26mm) O.D. x 0.51" (13mm) I.D. Nylatron® bushing, 0.5" (13mm) machine bolt, and 0.5" (13mm) lock nut.

Swing bearings are hot-dipped galvanized. End. frames are a welded assembly of 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Fig. Coal® galvanized steel tube, 3" (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Fio-Coat® galvanized steel tube.

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of West Virginia, as Obligee, in the penal sum ofwell and truly to be made, we jointly and severally bind			
The Condition of the above obligation is such			
Department of Administration a certain bid or proposal	I, attached hereto and m	nade a part her	eof, to enter into a contract in writing for
NOW THEREFORE,			
(a) If said bid shall be rejected, or (b) If said bid shall be accepted and the Prir hereto and shall furnish any other bonds and insurance agreement created by the acceptance of said bid, thereforce and effect. It is expressly understood and agree exceed the penal amount of this obligation as herein second contents.	ce required by the bid or n this obligation shall be ed that the liability of the	proposal, and null and poid.	shall in all other respects perform the otherwise this obligation shall remain in full
The Surety, for the value received, hereby st way impaired or affected by any extension of the time waive notice of any such extension.	iipulates and agrees tha within which the Oblige	t the obligation e may accept	s of said Surety and its bond shall be in no such bid, and said Surety does hereby
IN WITNESS WHEREOF, Principal and Sure	ety have hereunto set th	eir hands and	seals, and such of them as are corporations
have caused their corporate seals to be affixed hereu			
day of, 20			
Principal Corporate Seal		***************************************	(Name of Principal)
		Ву	
		•	(Must be President or Vice President)
		AND THE PROPERTY OF THE PROPER	(Title)
Surety Corporate Seal			(Name of Surety)
		Manager	Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Raised corporate seals must be affixed, a power of attorney must be attached.

(B)

AGENCY RFQ/RFP#\_

#### BID BOND PREPARATION INSTRUCTIONS

(A)

(C)

(D)

(E)

(F)

(G)

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NOTE:

			id Bond	
WV State Agency	KNOW ALL	MEN BY THI	ESE PRESENT	S, That we, the undersigned,
(Stated on Page 1 "Spending Unit")	(C)	oi	<u>(D)</u>	, <u>(E)</u> , ,
Request for Quotation Number (upper	as Principal, and	(F)	tion organized	and existing under the laws
right corner of page #1)	(H)	, a corpora	with ite princips	office in the City of
Your Company Name	of the State of	(I)	with its principa ; are held and f	irmly bound unto The State
City, Location of your Company	of West Virginia, as C	, as surery	enal sum of	(K)
State, Location of your Company	of west virginia, as c	onigee, in the p	onar sum or	h, well and truly to be made,
Surety Corporate Name	(a (L)		es our heirs ad	ministrators, executors,
City, Location of Surety	successors and assign		es, our nons, ac	initial decision, which control of
State, Location of Surety	The Condition	on of the above	obligation is su	ch that whereas the Principal
State of Surety Incorporation	has submitted to the I	Purchasing Sect	ion of the Dena	rtment of Administration
City of Surety Incorporation	a certain hid or propo	sal attached he	reto and made a	part hereof to enter into a
Minimum amount of acceptable bid bond is 5% of total bid. You may state	contract in writing for			
"5% of bid" or a specific amount on	Contract in writing to		M)	
this line in words.	<u> </u>			
Amount of bond in figures				
Brief Description of scope of work	NOW THEI	REFORE.		
Day of the month		oid shall be reje	cted, or	
Month	(b) If said b	oid shall be acco	epted and the Pr	incipal shall enter into a
Year	contract in accordance	e with the bid	or proposal attac	ched hereto and shall furnish
Name of Corporation	any other bonds and	insurance requi	red by the bid o	r proposal, and shall in all
Raised Corporate Seal of Principal	other respects perform	n the agreemen	t created by the	acceptance of said bid then
Signature of President or Vice	this obligation shall b	e null and void	l, otherwise this	obligation shall remain in full
President	force and effect. It is	expressly unde	erstood and agre	eed that the liability of the
Title of person signing	Surety for any and al	l claims hereun	der shall, in no	event, exceed the penal
Raised Corporate Seal of Surety	amount of this obliga	ition as herein s	tated	
Corporate Name of Surety	The Surety	for value recei	ved, hereby stip	ulates and agrees that the
Signature of Attorney in Fact of the	obligations of said St	urety and its bo	nd shall be in no	way impaired or affected by
Surety	any extension of time	e within which	the Obligee may	y accept such bid: and said
Dated, Power of Attorney with Raised	Surety does hereby v	vaive notice of	any such extens	ion.
Surety Seal must accompany this bid	IN WITNE	SS WHEREOF	, Principal and S	Surety have hereunto set their
bond.	hands and seals, and	such of them a	s are corporation	ns have caused their corporate
	seals to be affixed he	ereto and these	presents to be si	gned by their proper officers,
	this(N) da	y of	(O), 20	<u>(P)</u>
	Principal Corporate	Seal		(Q)
	* * * * * * * * * * * * * * * * * * *			(Name of Principal)
	(R	)	Ву	(S)
	`	•		(Must be President or
				Vice President)
				(T)
				Title
	(U			(ND)
	Surety Corporate Se	al		(V)
				(Name of Surety)

IMPORTANT - Surety executing bonds must be licensed in West Virginia to transact surety insurance. Raised Corporate Seals must be affixed and a Power of Attorney must be attached.

(W) Attorney-in-Fact

# 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 Ath	letics, L	LC		
Authorized Signature:	Faring	Date:	9-2-09	
Purchasing Affidavit (Revised 01/01/09)			***************************************	



DOCZM<

RFQ COPY

TYPE NAME/ADDRESS HERE

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

Reques	st for	•
Quota		

DNR210007

PAGE
11

KRISTA FERRELL 304-558-2596

DIVISION OF NATURAL RESOURCES
COOPERS ROCK STATE FOREST
ATTN: PARK SUPERINTENDENT
ROUTE 1, BOX 270
BRUCETON MILLS, WV
26525 594-1561

ADDRESS CORRESPONDENCE TO ATTENTION OF

	IMS OF SALE	SHIP VIA	F08	FREIGHT TERMS
08/12/2009 BID OPENING DATE: 08/27/2	2009	RTD_C	PENING TIME 01	:30PM
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THIS ADDENDU	IS ISSUEI	TO:		
1.) REMOVE A PARK PERSONNI AT COOPER'S I	IL WILL INS	CE TO INSTALLATI TALL THE PLAYGRO FOREST AND	ON FROM THE BID. UND EQUIPMENT	
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LABOR REMOVED		PLAYGROUND EQUIÏ	MENT	
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SIGNATURE AL Z		30	<b>3</b>	Sept. 2,2009
1	FEIN 41. 21	7.1922	ADDRESS CHANG	ES TO BE NOTED ABOVE

# 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



# Cooper's Rock State Forest 61 County Line Drive Bruceton Mills, WV 26525

# SIGN IN SHEET

PLEASE PRINT

Request for Proposal No.

Date:		
August	Page /	
11,2009	G.	

	Email Address:
PHONE	Company:
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PHONE 34-744-654	COMPANY TAYLOR SPORTS + DEC 836 ECho LOND
FAX 304-594-3992	Email Address: Stalvertore WALL, com
PHONE 304-288-1817 TOLL PRIEE	Company: Green River Champ LLC POBON 18039 Prof. WY 76507 PHON TOLL Rep: Steve Colvect Field S32 Richberte Sq Myh WY 76508 FREE
FAX 304-497-3304	tiemetmet
PHONE <b>304-497-330</b> 4 TOLL FREE	Frank ford WU 24938
FAX 434-296378	Email Address JMM & MP Day of BUNDS Com
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NUMBERS	FIRM & REPRESENTATIVE NAME
	* PLEASE BE SURE TO PRINT LEGIBLY - IF POSSIBLE, LEAVE A BUSINESS CARD

AUG 12 2009

DNR Procurement Office

# Cooper's Rock State Forest 61 County Line Drive Bruceton Mills, WV 26525

# SIGN IN SHEET

Request for Proposal No.

PLEASE PRINT

· August 11, 2009

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PHONE (301) 271-923	17352 N. Seden Ave	company Mayground Specialist
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AUG 12 2009

DNR Procurement Office

# Cooper's Rock State Forest 61 County Line Drive Bruceton Mills, WV 26525

# SIGN IN SHEET

Request for Proposal No.

PLEASE PRINT

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DNR Progressment (to-



VENDOR

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

#### Request for

REO NUMBER DNR210007

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	7

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL 304-558-2596

26525

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

PARKERSBURG WV 26101

DIVISION OF NATURAL RESOURCES COOPERS ROCK STATE FOREST PARK SUPERINTENDENT ATTN: ROUTE 1, BOX 270 BRUCETON MILLS, WV

594-1561

FREIGHT TERMS F.O.B SHIP VIA DATE PRINTED TERMS OF SALE 08/19/2009 BID OPENING DATE: BID OPENING TIME 01:30PM 08/27/2009 CAT UNITPRICE AMOUNT ITEM NUMBER QUANTITY LINE NO: ADDENDUM NO. 2 THIS ADDENDUM IS ISSUED TO: 1.) ANSWER ALL TECHNICAL QUESTIONS SUBMITTED PRIOR TO THE DEADLINE FOR TECHNICIAL QUESTIONS AND 2.) TO DELETE THE FOLLOWING SECTIONS FROM THE DRIGINAL RFO: EXHIBIT 5 NOTICE TO PROCEED CANCELLATION WAGE RATES ARBITRATION WORKER'S COMPENSATION INSURANCE REQUIREMENTS BOND REQUIREMENTS EXHIBIT 7 EXHIBIT 9 CONTRACTOR'S LICENSE TO ADD THE FOLLOWING LANGUAGE: **b**.) VENDORS MUST PROVIDE ALL UNIT PRICING IN THE UNIT OF MEASURE REQUESTED BY THE AGENCY. FAILURE TO PROVIDE UNIT PRICING IN THE GIVEN UNIT OF MEASURE WILL RESULT IN THE DISQUALIFICATION OF THE VENDOR'S BID. VENDOR'S MUST SUBMIT PRICING ON THE GIVEN PRICING FAILURE TO SUBMIT A COMPLETED PRICING SHEET WILL RESULT IN THE DISQUALIFICATION OF THE VENDOR'S BID. SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE Sept. Z. 2009 12 304.428.3000 ADDRESS CHANGES TO BE NOTED ABOVE 41.2171922



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

304-428-3000

#### Request for Quotation

RFQ NUMBER DNR210007 PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL 304-558-2596

DIVISION OF NATURAL RESOURCES PARK SUPERINTENDENT ATTN: ROUTE 1, BOX 270 BRUCETON MILLS, WV

\*702142549 DAVIS ATHLETICS LLC S COOPERS ROCK STATE FOREST 2325 LIBERTY ST PARKERSBURG WV 26101 26525 594-1561

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### RFQ#: DNR210007 Addendum No. 2 Technical Questions and Answers

1.) Are we to include the statement of compliance from the manufacturer that verifies that they are compliant with the Consumer Product Safety Improvement Act (CPSIA 2008) as we do with other CPSC Public Playground requirements?

Answer: All playground equipment must meet CPSIA 2008 requirements including Section 101 lead limits. Vendor must include or provide upon request a statement of compliance from the manufacturer.

2.) Is supervision of park personnel required as a part of this RFQ?

Answer: No.



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

WV PURCHASING ACA SECT Fax 304-558-4115

REQUEST TOF Quotation

DNR210007

Aug 26 2009 03:40pm P001/006

KRISTA FERRELL 304-558-2596

RFQ COPY TYPE NAME/ADDRESS HERE

DIVISION OF NATURAL RESOURCES Х И P COOPERS ROCK STATE FOREST PARK SUPERINTENDENT ATTN: ROUTE 1, BOX 270 BRUCETON MILLS, WV 594-1561 26525

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Rev. 09/08

#### 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.
<del></del>	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 5.	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,
<b>5</b> .	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.
require agains or ded	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty t such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency ucted from any unpaid balance on the contract or purchase order.
authori the red deeme	mission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and zes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid juired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information do by the Tax Commissioner to be confidential.
and a	penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true courate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate es during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidde	
Date:_	9-2-09 Title: Uwner

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

### WVDNR210007 Cooper's Rock State Forest Playground Equipment PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	1	Henderson free standing heavy duty tire swing with top bar, Item #5W101, or equal.	\$1,885°°	\$1,885°°
2	1,	Henderson free standing double spring dino see saw motion toy, tem #MT214, or equal.	*1,700°°	*1,700°°
3	•	Henderson free standing bucking bronco motion toy, Item #MT003, or equal.	* 785 ==	\$ 785°°
.4	1	Henderson free standing plastic wave slide and ladder, Item #15031, or equal.	* 2,195 °°	\$ 2,195°°
5	1	Henderson free standing triple cliffhanger, item #TE029, or equal.	* 1,985°°	\$1,985°°
6	1	Henderson Play Structure: Model #PF09504RO, or equal.	\$ 22,000°	\$ 22,00000
7	1	Henderson 1-bay arch swing. Swing must be a minimum of eight feet [8] and complete with two (2) belt seets, Model #SW340, or equal.	\$ 1,500°°	\$ 1,500°°
8	1	Henderson extend a bay swing. Swing must be a minimum of eight feet (8') and extend a bay complete with two (2) baby seats, Model #SW341, or equal.	\$ 1,100°°	\$1,10000
		TOTAL		*33,150°°

#### Cooper's Rock State Forest PLAYGROUND EQUIPMENT SHEET

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

Item No.	Equipment	Manufacturer	Model
1	Campground Area Playground. Henderson free standing playstee! heavy duty tire swing with top bar, Item #5W101, or equal.	Henderson	SWIOI
2	Campground Area Playground. Henderson free standing double spring dino see saw motion toy, Item #MT214, or equal.	Henderson	MT214
3	Campground Area Playground. Henderson bucking bronco motion toy, Item #MT003, or equal.	Henderson	MT003
4	Campground Area Playground. Henderson free standing plastic wave slide and ladder, Item #T\$031, or equal.	Henderson	TS 031
5	Campground Area Playground. Henderson triple cliffhanger, Item #TE029, or equal.	Henderson	TE029
6	Overlook Area Playground. Henderson custom play structure, Model #PF09504Ro, or equal.	Henderson	PF09504R0
7	Overlook Area Playground. Henderson spiral slide complete with hood, or equal.	Henderson	SPIRAL SLIDE COMPLETE WITH HOOD
8	Overlook Area Playground. Henderson single diffhanger, or equal.	Henderson	SINGLE CLIFFHANCER

#### Cooper's Rock State Forest PLAYGROUND EQUIPMENT SHEET

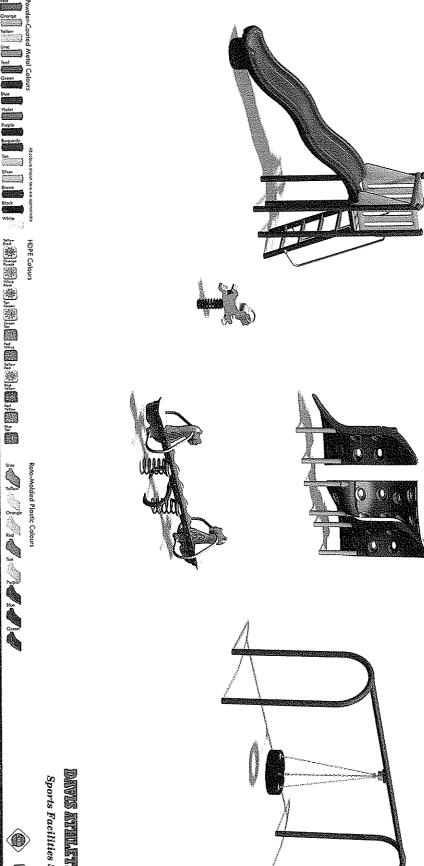
Item No.	Equipment	Manufacturer	Model
9	Overlook Area Playground. Henderson accessible step, or equal.	Henderson	ACCESSIBLE STEP
10	Overlook Area Playground. Henderson double scoop slide complete with hood, or equal.	Henderson	DOUBLE SLOOP SLIDE
11	Overlook Area Playground. Henderson left transfer station, or equal.	Henderson	LEFT TRANSFER STATION
12	Overlook Area Playground. Henderson safety station railings, or equal.	Henderson	SAFETY STATION RAIL IN 65
13	Överlook Area Playground. Henderson tower climber, or equal.	Henderson	TOWER CLIMBER
14	Overlook Area Playground. Henderson maze wheel, or equal.	Henderson	MAZE WHEEL
15	Overlook Area Playground. Henderson custom panel, or equal.	Henderson	CUSTOM PANEL
16	Overlook Area Playground. Henderson crooked net link, or equal.	Henderson	CROOKED NET LINK
17	Overlook Area Playground. Henderson drum panel, or equal.	Henderson	DRUM PANEL
18.	Overlook Area Playground. Henderson accessible trapeze beam, or equal.	Henderson	ACCESSIBLE TRAPEZE BEAM
19	Overlook Area Playground. Henderson paddle power, or equal.	Henderson	PADDLE POWER
20	Overlock Area Playground. Henderson log roll, or equal.	Henderson	LOG ROLL
21	Overlook Area Playground. Henderson triple overhead rotator, or equal.	Henderson	TRIPLE OVERHEAD ROTATOR

#### **Cooper's Rock State Forest** PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Mødel
22	Overlook Area Playground. Henderson twin track ride, or equal.	Henderson	TWIN TRACK RIDE
23	Overlook Area Playround.  Henderson 1-bay arch swing 8'  complete with belt seats, Model  #SW340, or equal.	Henderson	SW 340
24	Overlook Area Playground: Henderson arch 8' extend a bay complete with two baby seats, Model #SW341, or equal.	Henderson	SW341
	1 *		

# Davis Athletics - Coopers Rock State Forest Campground

Model No. L02175r0



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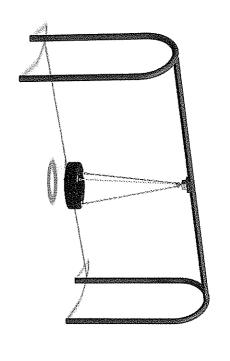
Sports Facilities Solutions

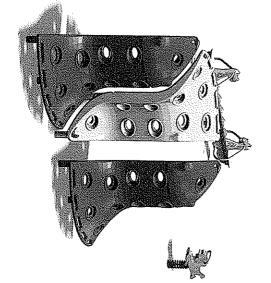


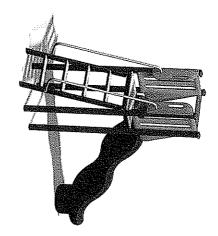


# Davis Athletics - Coopers Rock State Forest Campground

Model No. L02175r0







DAVIS RTILLETICS, LLC

Sports Facilities Solutions



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time or return of the control of the

Roto-Molded Plastic Calaurs

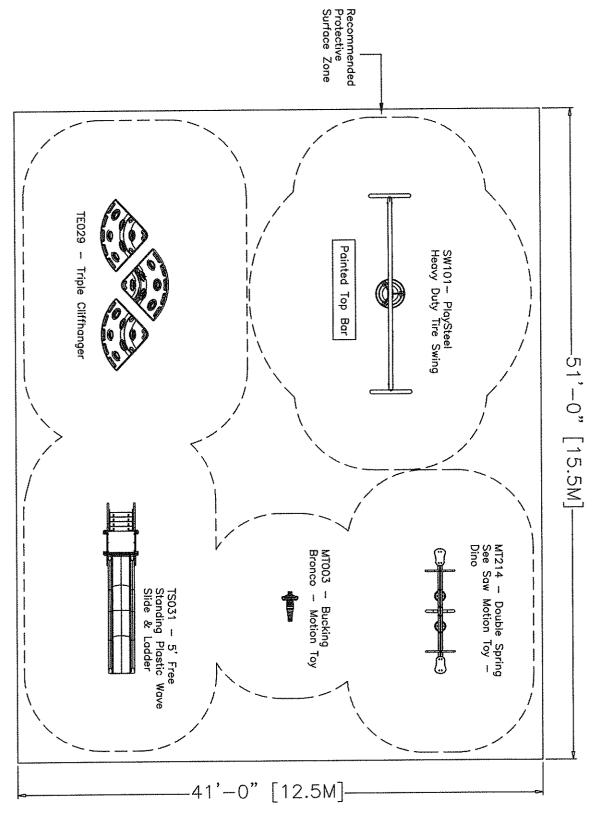
HDPE Colours





## Coopers Rock State Forest Campground **Davis Athletics** Model # L02175R0







Best User Age: 5 to 12

Colour

Accessibility:

Posts: Green
Accent: Tan
Roto Plastic: Green
3/4 Plastic: Tan/Green
Other: See Swing

Surfacing Type: Wood Chips

nstallation Style: Border Perimeter: Border Area: 2091 <del>1</del>84

Footing Quantity: Inground 36"

ASTM F 1487, CPSC Compliance:

Sales Rep. F.D.

All border dimensions are inside border measurements. All play structure dimensions are centre-to-the posts unless otherwise specified.

The locations of all telephone, hydro, cable, water, gos, and droinage 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 (AM) CSA-2814 (CAN) or ASTM F 1487 (USA) releases.

The playground installation site must be properly prepared to tenderson Recreation the preferentimes of the playground installation site must be properly prepared to tenderson Recreation the preferentimes.

fications prior to installation inderson Recreation assumes slayground installation site

in normal sell and digging validions. Please notify us of vanusual sell conditions, thenderson Recrection ignerat Limited has a miniment to continuous abut development and provement and therefore erves the right to improve, arror discontinue products and scifications without notice.

No-encroachment zones that No-encroachment zones that re adjacent to but outside of the safety surface area must be see of any obstacles that would appet ar block safe pedestrian practs or some around the safety arrange area. No-encroachment ones that are within the safety unface area must be free of all

Drawn By: R.H.
Date Drawn: July 1
Revised By:
Revision Date:
Scale: See Key **18**, 2008

THIS DRAWING IS NOT TO BE REPRODUCED IN ANY WAY WITHOUT PRIOR APPROVAL

CHENDERSON RECREATION EQUIPMENT LIMITED. P.O. BOX 68, 11 GILBERTSON DRIVE, SINCOE, ONTARIO, CANADA, NOY 448, TOLL FREE: 1,800,285,5482 FAX: 519,426,1132. ALL RIGHTS RESERVED.



#### Specifications or sandblasting. Parts are free of excess weld Play Structure General including a rust-prohibitive iron phosphate wash consists of either a multiple bath system

#### Designs Playground Equipment

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

เนอเมdınb⊐ •CAN/CSA-Z614 Children's PlaySpaces and

•ASTM F 1487 Standard Consumer Safety

 Americans with Disabilities Act (ADA) (CPSC) Handbook for Public Playground Safety •U.S. Consumer Product Safety Commission Equipment for Public Use Performance Specification for Playground

#### Steel Components

accessibility standards

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

ste powder-cost painted to match posts unless brackets and mechanical fasteners. Post caps 10 gauge (3mm) satin-coated steel sheet thickness. Post caps are secured to posts with side thickness, and 0.34375" (9mm) comer corrosion. All posts are powder-coat painted. plated and inner surfaces are treated to resist galvanized steel tube. Outer surfaces are zincsquare x 11 gauge (3mm) Allied Flo-Coat® PlaySteel vertical uprights are 4" (102mm)

otherwise requested.

with 0.1875" (5mm) top thickness, 0.125" (3mm) PlaySteel post caps are alloy 319 cast aluminum

#### Uprights

to receive components. (4mm) after fabrication. Decks are pre-punched assembly is Plastisol-coated to a depth of 0.15" zinc-plated hot-rolled mild flat steel. Entire (mm85 x mm6) "3.f x "3St.0 are streemeriein gauge (3mm) expanded metal. Structural Expanded metal is style 0.75" (19mm) - #9 x 10 .64mm x 64mm x 5mm) hot-rolled steel angle. reinforcements. Angle is 2.5" x 2.5" x 0.1875" angle, expanded metal, and structural PlaySteel 4 decks are a welded assembly of **Decks** 

#### Coat Paint Finish Metal Preparation for Powder

Metal preparation for powder coat paint finish

(suluboM x9IH) 06Y G MTSA.

 VEM-STD (Low Temperature Impact) -ASTM D 648 (Heat Distortion Temperature) (ritgnents elianeT) 858 C MTSA.

#### Polyethylene Parts 19942 (mmet) "27.0

(suluboM xel3) 06Y G MT&A+ Materials comply with: recycled content and are 100% recyclable. Sheet polyethylene parts contain maximum 67% (U.V.) light stabilizers and anti-static guard. relieved high-density polyethylene with ultraviolet 0.75" (19mm) sheet polyethylene parts are stress-

-ASTM D 648 (Heat Distortion Temperature) •ASTM D 638 (Tensile Strength)

#### Recycled Plastic

leach. Recycled plastic contains no resistant to infestation by borers, and will not (U.V.) light resistant, skid resistant when wet, and 1% other. Recycled plastic is ultraviolet polyolefins (HDPE/LDPE/PP), 2% PET, 1% PS, blended recycled plastic consisting of 96% Recycled plastic is injection moulded 100% solid

variation is 0.3%. Melting point is 374°F (190°C). and contraction with 122°F (50°C) temperature preservatives. Specific gravity is 0.96. Expansion

(8274 to 16548 kPa) depending on profile. No Compression strength is 1200 to 2400 lb/in2

absorption, solubility, or evaporation.

#### Notion Toys

#### Bucking Bronco - Motion Toy

Aluminum animal is a welded assembly of aluminum animal and coil spring base assembly. Bucking Bronco is a mechanical assembly of

,1.25" (6mm x 32mm) hot-rolled mild flat steel, (89mm) schedule 40 black steel pipe, 0.25" x (127mm) schedule 40 black steel pipe, 3.5" x 0.188" (5mm) hollow structural steel tube, 5" .G.O (mme8) "3.5 to yldmessa beblew a si esad 38mm) hot-rolled mild flat steel. Lower spring x mild flat steel, and 0.25" x 3.5" (6mm x square hot-rolled steel bar, 0.375" (10mm) hot-(mm0t) "3.0 ,nsd leets bellor-tori .Q.O (mm0t) (89mm) schedule 40 black steel pipe, 0.375" 0.188" (5mm) hollow structural steel tube, 3.5" x .O.O (mmTSt) "6 to yldmesse beleev is si esset 0.75" (19mm) type 5160 steel wire. Upper spring x .G.O (mmɛhr) "csa.c si gnings .esed gnings assembly of spring, upper spring base, and lower rod. Coil spring base assembly is a mechanical Footrest is 1" (25mm) O.D. 6063-T52 aluminum 1" (S5mm) O.D. 6063-T52 aluminum rod. average wall thickness of 0.25" (6mm). Handle is bronco is alloy 319 cast aluminum with an bucking bronco, handle, and footrest. Bucking

assembly is powder-coat painted. (10mm) O.D. hot-rolled steel bar. Entire (13mm) square hot-rolled steel bar, and 0.375" "3.0, laets tall blim bellor-ton (mm0t) "375.0 Rotationally-Moulded Plastic necessary hardware and fasteners are provided.

#### Rotationally-moulded plastic parts are moulded Parts

corrosion. Hardware and fasteners are tamper

All hardware and fasteners are treated to resist

resistant unless otherwise specified. All

Hardware and Fasteners

comply with the following performance

and shore "A" durometer is 95 +/- 2. Materials

lb/in (74.8 kg/cm), ultimate elongation is 250%,

2300 lb/in2 (15858.5 KPa), tear strength is 419

resistance to fungal growth. Tensile strength is

Coated parts are cured in a liquid salt bath at 395°F (202°C). Coating contains flame-retardant

internal temperature for 3.5 minutes in an 800°F

completely. Parts are heated to 350°F (176°C)

primer at room temperature, and allowed to dry

phosphate coat 4013A, treated with a spray-on

Plastisol coating is Denflex PX-12412 poly-vinyl-

Bureau (CWB) certified under CSA standards

Welded components are Canadian Welding

maintain colour, and fungastat to improve

additive, ultraviolet (U.V.) ray stabilizer to

(427°C) oven and submerged in Plastisol.

coating, parts are chemically washed with

(4mm) unless otherwise specified. Prior to

chloride with an average thickness of 0.15"

Plastisol Coating

W47.1 Div. 2.1 and W47.2 Div. 2.1.

Welded Components

ASTM D 3363 (Pencil Hardness)

ASTM D 522 (Mandrel Bending)

ASTM D 822 (Weatherability)

ASTM D 2794-90 (Impact)

ASTM D 2454 (Overbake Resistance)

•ASTM D 2247-87 (Humidity Resistance)

•ASTM D 3359B (Cross Hatch Adhesion)

ASTM B 117-90 (Salt Spray Resistance)

with the following performance standards:

applied and oven cured at 400°F (200°C).

Powder-Coat Paint Finish

(U.V.) degradation. Finished membrane complies

and includes additives for resistance to ultraviolet

(mm\S1.0-\delta\0.0) lim \arguedress si \text{ ansidmam behaini}

Polyester dry powder-coating is electrostatically

•ASTM D 412 (Tensile Strength)

ASTM D 624 (Tear Strength)

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



#### Swings

#### PlaySteel Heavy Duty Tire Swing

galvanized straight-link coil chain. electrogalvanized. Chain is 4/0 hot-dipped sheet. Quick links are 0.3125" (8mm) zinc-plated Brackets are 10 gauge (3mm) satin-coated steel pipe. Fasteners are 0.5" (13mm) machine bolts. Tube is 1" (25mm) schedule 40 galvanized steel combination of natural and synthetic rubber. Tire is new steel-belted, passive tread tire with a mechanical assembly of tire, tube, and fasteners. brackets, quick links, and chain. Seat is a assembly is a mechanical assembly of seat, End frames are powder-coat painted. Tire swing (2mm) Allied Flo-Coat® galvanized steel tube. steel tube, and 1.029" (X6mm) A. G.O. t bns ,adut leste (76mm) O.D. x 0.120" (3mm) hollow structural Allied Flo-Coat® galvanized steel tube, 3" (mm4) egueg 8 x .G.O (mme8) "č.£ to yldmesse bearing is zinc-plated. End frames are a welded (10mm) O.D. cold-rolled steel bar. Tire swivel O.D. hot-rolled round steel bar, and 0.375" greased Mylatron® ball and socket, 0.5" (13mm) Bearing is a mechanical assembly of lightly and 10 gauge (3mm) hot-rolled steel sheet. (38mm x 38mm x 5mm) hot-rolled steel angle, hollow structural steel tube, 1.5" x 1.5" x 0.1875" hollow structural steel tube, 0.75" (19mm) O.D. x Housing is 4" (102mm) square x 0.188" (5mm) mechanical assembly of housing and bearing. hotrolled mild flat steel. Tire swivel bearing is a (mmS02 x mm6) "8 x "25.0 bns eqiq leets assembly of 3" (76mm) schedule 40 galvanized tire swing assembly. Top bar is a welded of top bar, tire swivel bearing, end frames, and Heavy Duty Tire Swing is a mechanical assembly

#### Double Spring See Saw Motion Toy - Dino

bowder-coat painted. 38mm) hot-rolled mild flat steel. Anchors are x mm3) "2.1 x "3781.0 muminim bns ,1991s 1sft blim bellor-torl (mmS21 x mm3) "8 x "8S.0 (3mm) Allied Flo-Coat® galvanized steel tube, assembly of 4" (102mm) square x 11 gauge hot-rolled steel bar. Anchors are a mechanical .O.O (mm3) "25.0 muminim bns leets stell blim assembly of 0.22" x "2" (6mm t z x mm) hot-rolled powder-coat painted. Clamps are a welded 0.5" (13mm) sheet polyethylene. Springs are wire, 0.25" (6mm) hot-rolled mild flat steet, and (203mm) O.D. x 0.75" (19mm) type 5160 steel steel. Springs are a mechanical assembly of 8" 1sft blim bellor-tort (mme1 x mm6) "27.0 x "2s.0 (6mm x 76mm) hot-rolled mild flat steel, and 152mm) hot-rolled flat steel channel, 0.25" x 3". x mm44 x mm3) "8 x "37.1 x "3781.0 ,adut gauge (3mm) Allied Flo-Coat® galvanized steel a welded assembly of 2.375" (60mm) O.D. x 10 handles are powder-coat painted. Lower base is mild flat steel. Side beams, base plate, and bellon-torl (mm86 x mm8) "3.1 x "32.0 bns edut gauge (3mm) Allied Flo-Coat® galvanized steel x .Q.O (mm££) "21£.1 to yldməssa bəbləw 76mm) hot-rolled mild flat steel. Handles are a x mm3) "E x "3781.0 bns leets telt blim bellor-tori (mme1 x mma) "2.5 x "32.0 to yidmasas bablaw Coat@ galvanized steel tube. Base plate is a -ol7 beilla (mm6) aguag ft x 11 bilied Flopolyethylene. Side beams are 1.5" x 3" (38mm x components are 0.75" (19mm) sheet side beams, base plate, and handles. Plastic a mechanical assembly of plastic components, springs, clamps, and anchors. Upper assembly is sesemply of upper assembly, lower base, Double-Spring See Saw is a mechanical

#### Uessala

Drawing #: Lo217510

Date: 7/18/2008

Quote Parts List

Customer: Davis Athletics

Location: Bruecton Mills, WV

Other

Wy Component Number Component Name

		_
49" Chain	10-004609WS-A2-M1	3
Tire Swivel Bearing Ball and Socket	00-081209W2-A2-M1	ŀ
Tire Swivel Bearing	00-001S09W2-A2-M1	1
Tire Swing Assembly	00-000S09W8-A2-M1	Ļ
Tire Swing - Rubber Gasket	00-006109W2-A2-M1	ļ
SW101 Tire Swing Top Bar	00-008109W2-A2-M1	₽.
Free Standing Plastic Slide Back	00-009909HS-AS-M1	7
Free Standing Plastic Slide Side	00-003909HS-A2-M1	7
Free Standing Plastic Slide Front	1M-SA-SHP06400-00	L
Free Standing Plastic Slide Deck Plastic	1M-SA-SHP06300-00	L
See Saw Anina - Inno	00-008E09H2-A2-M1	2
Double Spring See Saw Spacer	00-008109H2-A2-M1	L
See Saw Spring Covers	00-003109H2-A2-M1	Þ
See Saw Seat	00-002109H2-A2-M1	7
Double Spring See Saw Base	00-007409TM-A2-M1	L
Double Spring See Saw Teeter Bracket	00-009409TM-A2-M1	ŀ
Double Spring See Saw Teeter Frame	00-002409TM-A2-M1	L
See Saw Main Beam	00-00£409TM-A2-M1	7
See Saw Lower Clamp	00-00SE09TM-A2-M1	7
See Saw Upper Clamp	00-001£09TM-A2-M1	2
See Saw Coil Spring	00-000£09TM-A2-M1	7
See Saw Handle	00-005S09TM-A2-M1	<b>7</b>
IsminA munimulA	00-004009TM-A2-M1	ŀ
Coil Spring Base Assembly - Aluminum	10-00£009TM-A2-M1	L
Anchor Leg	00-002009TM-A2-M1	7
2 1/2" Post Cap Assembly Bracket	1M-P2-BRK09700-00	Þ
Senior Stepladder Frame 5' - Assembled	1M-P1-STR02300-00	l
Senior Stepladder Plastic Step	1M-P1-SHP18000-00	Þ
Senior Stepladder Handrail 5'	1M-P1-HDR04900-00	2
CliffHanger Ground Leg	1M-P1-GND08900-00	9
Universal Ground Leg	1M-P1-GND00200-00	7
Universal Ground Leg Mount	1M-P1-GND00100-00	L
Poly Wave Slide Angle	1M-P1-BRK01900-01	ŀ
Double Spring See Saw Assembly - Dino	00-008309TM-A2-A1	L
SPI 5' Poly Wave Slide Assembly	1A-P1-PSL01800-01	L
Single CliffHanger Assembly	1A-P1-CLM14100-00	3

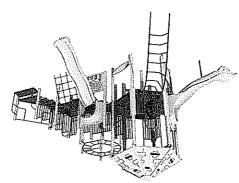
Henderson Recreation Equipment Limited has a commitment to continuous product development and improvement and therefore reserves the right to improve, after or discontinue products without notice.

 	······································		
Component Name	Component Number	140	
7' Tire Swing End Frame	1M-SA-SWP03500-01	7	
5' Free Standing Plastic Slide Ladder Brace	1M-SA-TEP05600-00	7	
Free Standing Plastic Slide Deck	1M-SA-TEP05700-00	l	
2 1/2" Post x 148" Long (drilled & inserted)	1M-SA-TEP07200-00	Þ	
SPI 5' Poly Wave Slide	19-P1-PSL01801-01	L	
PT Post Cap	10-00200T29-29-21	Þ	
See Saw Spring Disc	00-004409TM-A2-21	7	
SPI Single CliffHanger	2S-P1-CLA01900-00	É	

Henderson Recreation Equipment Limited has a commitment to continue product development and improvement and therefore reserves the right to improve, alter or discontinue products without notice.







#### Certificate of CPSIA Compliance

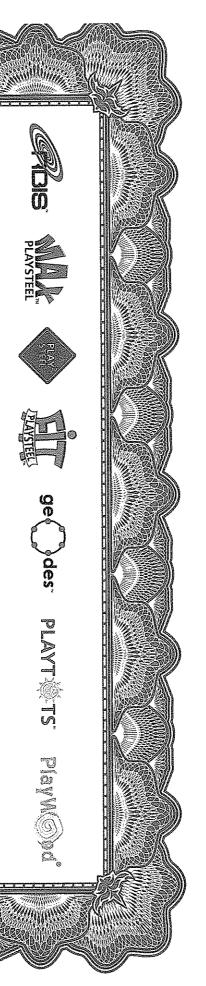
Customer: Cooper's Rock State Forest

Model Number: L02175R0

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

səд	12/1/2008	2810 Clark Avenue, St. Louis, MO	st. Louis Testing Laboratories
Yes	5\53\500	2810 Clark Avenue, St. Louis, MO	St. Louis Testing Laboratories
səX	1\73\7006	16100 S.Lathrop Ave, Henry, IL	Scientific Control Laboratories
Accredited	:916G	Address:	:Гар

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



Organization: Cooper's Rock State Forest

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 Consumer Saf

Regarding Supply and Installation of Playground Equipment Only

mance Specification for Playground Equipment for Public Use.

the equipment is installed by Henderson Recreation Equipment Limited or its designated agent lation of the playground equipment proposed complies with the above mentioned standard if In addition, Henderson Recreation Equipment Limited will undertake to ensure that the instal**Project**:

Model:

# Compliance with Play Equipment Standards

at the time of installation or shipment of the product. Standard Consumer Safety Performance Specification for Playground Equipment for Public Use factured to meet or exceed the requirements of the most current edition of the ASTM F1487. Henderson Recreation Equipment Limited warrants that its products are designed and manu-

for a period of 12 months from the date of installation or shipment, should a non-compliancy

equipment at its cost. cedure, Henderson Recreation Equipment Limited will make the necessary corrections to the be identified that is caused by improper design, manufacturing or original installation pro-

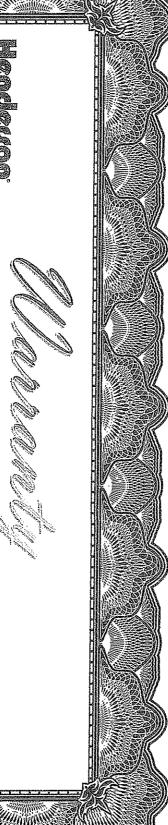
result of the following: This ASTM compliance certificate does not apply when the cause of the non-compliancy is the

- Oversights by owner/operator or its designated inspectors that are not identified within the 12 month warranty period
- Oversights by third party inspectors that are not identified within the 12 month warranty
- the 12 month warranty period Failure of owner/operator to report any non-compliance to Henderson Recreation within

#### facture and installation of the equipment that exceed or are outside of the scope of CAN/CSA-Z614 or ASTM $\digamma$ 1487 Requirements exceeding the scope of CAN/CSA-Z614 or ASTM F1487 that are mandated Amendments or complete revisions to CAN/CSA-Z614 or ASTM F1487 Improper maintenance procedures by owner/operator or designate Damage caused by natural occurrences Comments and observations offered by play space inspectors related to the design, manuby various licensing, regulatory or governmental authorities Equipment alterations that are not performed by Henderson Recreation

Gordon Henderson, President

Henderson Recreation Equipment Limited



### Hendelon racraation equipment limited

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

**20 Year** \* limited warranty on Mighty Shades'\* steel framework against structural failure due to corrosion or deterioration caused by defects in materiais or workmanship

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

faulty workmanship, including seam failure.  $extbf{10 Vear}^{st}$  limited warranty on Mighty Shades'" fabric against deterioration, rot, or

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

due to corrosion or deterioration caused by defects in materials or workmanship.  $ag{15~Vear}^*$  limited warranty on steel rails, loops and rungs against structural failure

materials and workmanship. against structural fallure due to insect infestation and fungal decay caused by defects in  $extbf{70 Year}^*$  limited warranty on Southern Yellow Pine pressure-treated wood products

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

# destroying fungl that disintegrate the wood cell walls, but exclude sur-face mold and mildew fungl associated with the "weathering of wood." "Weathering" of wood is not decay, fungal decay, or not of any type or definition. The above warranties are exclusive and in lieu of all other Identifying the defect(s) in question. accompanied by a copy of the original invoice and photograph(s) clearly

to any warranty of merchantability or fitness for a particular purpose. Further, no representation, oral or written, of any representative of Hen-Henderson Recreation Equipment Limited has a commitment to con-

tinuous product development and improvement and therefore reserves the right to make approved substitutions in design or specifications.

## Loss or Damage In Transit

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 Henderson Recreation cannot be held responsible for the loss or loss, damage, or shortage. the product departs our plant(s), we are no longer responsible for any

#### Maintenance

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 The demand for safety requires regular inspection of playground structures for signs of wear and tear. All necessary repairs should be

## 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 Warrantles

One Year\* General Warranty

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

> 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. dismantling the defective part in order to replace it, and any installation Any freight costs associated with the warranty claim, any costs for

damages which are expressly excluded from the above warranties. not be liable for, direct, indirect, special, incidental, or consequential warranties. To the extent permitted by law, Henderson Recreation shall derson Recreation may be substituted for the afore described limited warranties, whether expressed or implied, including, but not limited

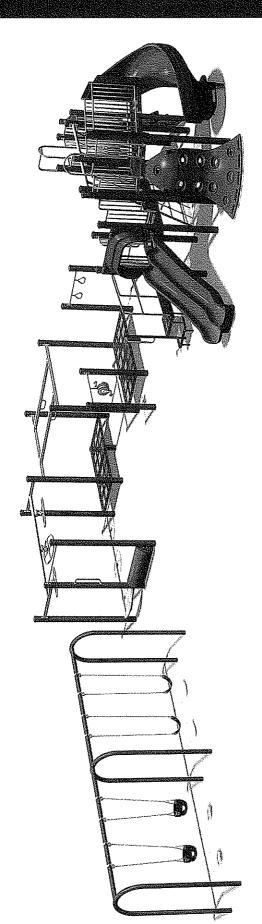
#### **Warranty Claims**

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

#### 1-800-265-5462

# Davis Athletics - Cooper Rock State Forest Overlook Area

Model No. PF09504r0



DRVIS RTELETICS, LLC Sports Facilities Solutions











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Roto-Molded Plastic Colours

#### 1-800-265-5462

# Davis Athletics - Cooper Rock State Forest Overlook Area

Model No. PF09504r0



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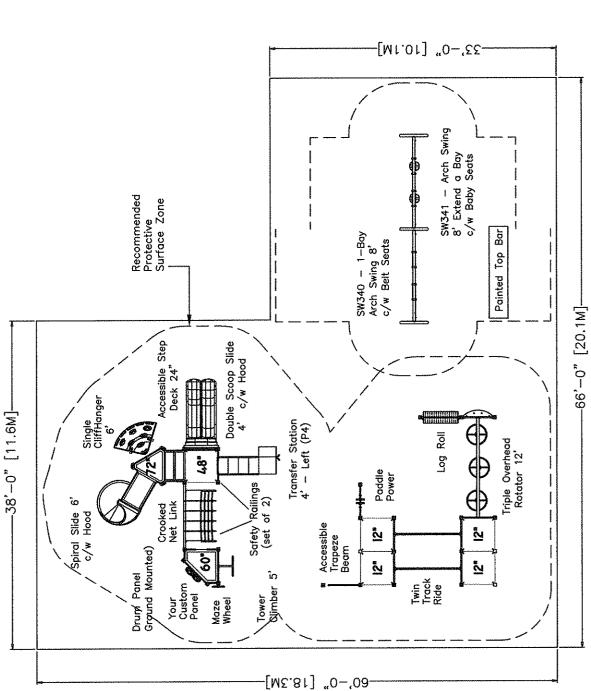
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Roto-Molded Plastic Colours

# Model # PF09504R0 Davis Athletics

Cooper Rock State Forest Overlook Area





nstalistion Over A Hard Surface Such As Concrete, Asphalt, Or Pecked Earth Vay Result in Serious Inputy Or Death **AWARNING** 

Posts: Green Accent: Tan Roto Plastic: Green 3/4 Plastic: Tan/Green Other: See Swings Best User Age: 5 to 12 Accessibility: Yes Colour:

Surfacing Type: Wood Chips Border Perimeter: 252 Border Area: 3204 installation Style:

Footing Quantity: inground 36"

Compliance:

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

unless otherwise specified.

The locations of all telephone, byfor, cable, water, gas, and drainage lines must be clearly marked by the customer prior to pulgaround must be the installed with appropriate resilient surfacing and safety zones to meet the required guidelines of the intest CaA/Ca2-Ze14 (CaA) or ASTM F 1487 (USA) releases.

The playground installation site was be properly prepared to Henderson Recredion prior to installation specifications prior to installation. Henderson Recredion step has normal soil and digging conditions. Places notify us of any unusual soil conditions.

product development and improvement and improvement and therefore reserves the right to improduce or disconfinue product specifications without notice.

No-encroachment zones that are adjocent to but outside of the safety surface area must be free of any obstacles that would imped 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 oll obstacles.

Drawn By: R.H.
Date Drawn: July 18, 2008
Revised By:
Revision Date:
Scale: See Key

O HENDERSON RECREATION EQUIPMENT LUMITED. P.O. BOX 68, 11 GILBERTSON DRIVE, SINCOE, CONTAGIO, CANADA, NST 448, TOLL FREE 1,800.265,5462 FAX: 519.426.1132, ALL RIGHTS RESERVED. THIS DRIVING TO BE REPRODUCED IN ANY WITHOUT PRIOR APPROVAL. HEEL 2/2006



#### Play Structure General **Specifications**

#### **Playground Equipment** Designs

It is the opinion of the manufacturer that playground equipment designs are developed in compliance with the most recent published edition of the following safety standards: CAN/CSA-Z614 Children's PlaySpaces and

•ASTM F 1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use

•U.S. Consumer Product Safety Commission (CPSC) Handbook for Public Playground Safety Americans with Disabilities Act (ADA) accessibility standards

#### **Steel Components**

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

#### Uprights

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

#### **Decks**

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

#### Metal Preparation for Powder Coat Paint Finish

Metal preparation for powder coat paint finish

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

#### Powder-Coat Paint Finish

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

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

#### Welded Components

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

#### Plastisol Coating

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

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

#### Hardware and Fasteners

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

#### **Rotationally-Moulded Plastic Parts**

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

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

#### 0.75" (19mm) Sheet Polyethylene Parts

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

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

#### Recycled Plastic

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

#### **Activity Panels**

#### **Drum Panel (Ground Mounted)**

Drum Panel is a mechanical assembly of panel brackets, panel, and drums. Panel brackets are a welded assembly of 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Panel brackets are powder-coat painted. Panel is 0.75" (19mm) sheet polyethylene. Drums are rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

#### Adapters

#### PF Hex Post Adapter Left 46"

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

#### PF Hex Post Adapter Right 46"

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



#### **Balancing Activities**

#### Log Roll

Log Roll is a mechanical assembly of grab bar, turning bar and log roll. Grab bar is 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Grab bar is powder-coat painted. Turning bar is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Turning bar is powder-coat painted. Log roll is rotationally-moulded medium-density polyethylene with an average wall thickness of 0.25" (6mm).

#### **Climbing Activities**

#### **Tower Climber 5'**

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

#### **Decks**

#### Launch Pad

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

#### P4 Change-of-Direction Deck - Punched

Change-of-Direction Deck is a welded assembly of deck and railing. Deck is a welded assembly of style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, 10 gauge (3mm) hot-rolled steel sheet, 0.1875" x 1.5" (5mm x 38mm) hot-rolled mild flat steel structural reinforcements, and 0.1875" x 3.5" (5mm x 89mm) hot-rolled mild flat steel comer brackets. Deck is Plastisof-coated. Railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14

gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.1875" x 2" (5mm x 51mm) zinc-plated hot-rolled mild flat steel connecting lugs, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel connecting lugs. Railing is powder-coat painted. Surface area is 1695 in2 (1.09m2).

#### P4 Square Deck - Punched

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

#### P4 Triangle Deck - Punched

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

#### Links

#### **Crooked Net Link**

Crooked Net Link is a mechanical assembly of net, support bar and side support bar. Net is 0.625" (16mm) O.D. vandal-resistant polypropylene-covered galvanized steel strand fibre-core cable. Support bar is a welded assembly of 2.875" (73mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 3.5" (6mm x 89mm) zinc-plated hot-rolled mild flat steel, and 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel. Side support bar is 1.66" (42mm) x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube. Support bar and side support bar are powder-coat painted.

#### **Overhead Activities**

#### **Accessible Trapeze Beam**

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

#### Paddle Power

Paddle Power is a mechanical assembly of bar and plastic. Bar is a welded assembly of 1.66" (42mm) O.D. x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Bar is powder-coat painted. Plastic is 0.75" (19mm) sheet polyethylene.

#### Triple Overhead Rotator 12'

Triple Overhead Rotator is a mechanical assembly of beam, wheel, and end bar. Beam is a welded assembly of 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube and 10 gauge (3mm) satin-coated steel sheet. Wheel is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 3" (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, 1.029 (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, and 0.25" (6mm) hot-rolled steel flat. End bar is a welded assembly of 1.5" x 3" (38mm x 76mm) rectangular x 11 gauge (3mm) Allied Flo-Coat® galvanized steel tube, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Entire assembly is powder-coat painted.

#### Twin Track Ride

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

#### Slide Hoods

#### New Style Double Slide Plastic Hood (SPI)

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



#### **Slides**

#### Double Scoop Slide 4' (SPI)

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

#### Spiral Slide 6' (SPI)

Poly Spiral Slide is a mechanical assembly of slide, deck, safety railing, and support post. Slide is one-piece, double-wall, rotationallymoulded medium-density polyethylene with an average wall thickness of 0.3125" (8mm). Slide has no seams, joints, or exposed hardware. Slide bed is minimum 16" (406mm) wide. Deck is a welded assembly of 10 gauge (3mm) hot-rolled steel sheet, style 0.75" (19mm) - #9 x 10 gauge (3mm) expanded metal, and 0.125" x 1.5" (3mm x 38mm) hot-rolled mild flat steel structural reinforcements. Deck is Plastisol-coated after fabrication. Safety railing is a welded assembly of 1.315" (33mm) O.D. x 12 gauge (3mm) Allied Flo-Coat® galvanized steel tube, 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube, 0.25" x 2" (6mm x 51mm) zinc-plated hot-rolled mild flat steel, and 0.1875" x 1.75" (5mm x 44mm) zinc-plated hot-rolled mild flat steel. Support post is 5" (76mm) O.D. x 0.125" (3mm) hollow structural steel tube. Safety railing is powder-coat painted.

#### **Stairs & Access Points**

#### **Accessible Step Deck 24"**

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

#### **Swings**

#### 1-Bay Arch Swing 8'

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

#### Arch Swing 8' Extend a Bay

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

Swing bearings are hot-dipped galvanized. End frames are a welded assembly of 3.5" (89mm) O.D. x 8 gauge (4mm) Allied Flo-Coat® galvanized steel tube, 3" (76mm) O.D. x 0.120" (3mm) hollow structural steel tube, and 1.029" (26mm) O.D. x 14 gauge (2mm) Allied Flo-Coat® galvanized steel tube.

#### **Quote Parts List**

*Drawing #:* PF09504r0

Date:

7/18/2008



Customer: Davis Athletics
Location: Bruecton Mills, WV

	Qty	Component Number	Component Name
Other			
	2	1M-SA-SWP00900-00	Swing Topbar - Heavy Duty
	2	1M-SA-SWP01200-01	8' Arch Swing End Frame
	1	1M-SA-SWP01300-01	8' Arch Swing Centre Frame
	8	1M-SA-SWP01500-00	3" Swing Hanger Bearing Assembly C/W 1 Top,
	4	1M-SA-SWP02600-00	47" Chain
	4	1M-SA-SWP02800-00	68" Chain
	2	1S-SA-SWP00300-00	Slash Proof Baby Swing Seat
	2	1S-SA-SWP00400-01	Slash Proof Belt Swing Seat
overheads			
	1	1A-P1-OHE02800-01	Accessible Trapeze Beam
	1	1A-P1-OHE02900-00	Paddle Power Assembly
	12	1M-P1-BRK05500-01	4" Post Cap Assembly Bracket
	16	1M-P1-BRK10000-00	PlaySteel Deck Bracket
	2	1M-P1-CLM00100-00	Grab Bar
	1	1M-P1-CLM12100-00	Log Roll Assembly
	1	1M-P1-FRM02300-01	Launch Pad Frame
	2	1M-P1-OHA00400-01	Track Ride Trolley
	2	1M-P1-OHA00500-02	Trapeze Ring
	3	1M-P1-OHA01200-02	Large Rotator Wheel c/w Bearing
	1	1M-P1-OHA01900-00	Accessible Trapeze Beam Components (5 parts
	2	1M-P1-OHE00500-02	Track Ride Track (91.5")
	1	1M-P1-OHE02910-00	Paddle Power (7 parts)
	1	1M-P1-OHE03500-00	Log Roll Turning Bar
	2	1M-P1-OHE04300-00	Overhead Support Bar
	1	1M-P1-OHE04400-01	Triple Overhead Rotator 12'
	2	1M-P1-OHE07000-00	Twin Track Ride Support Bar c/w Bumpers
	1	1M-P1-SHP16300-00	Paddle Power Plastic
	1	1M-P1-SHP18300-01	Launch Pad Plastic
	5	1M-P4-PST00900-00	4" Post c/w Flat Cap
	12	1M-P4-PST01000-01	4" Post c/w Alum Cap
	2	1S-P1-BRG01000-00	Log Roll Bearing
	4	1S-P4-DCK00100-03	PF Square Deck - Punched
	12	1S-P4-PST00700-01	PF Aluminum Post Cap
unit			
	2	0S-P1-CLA01100-00	Stepping Stone (SPI)

Henderson Recreation Equipment Limited has a commitment to continuous product development and improvement and therefore reserves the right to improve, alter or discontinue products without notice.

ALL IN THE STATE OF THE STATE O	Qty	Component Number	Component Name
	1	1A-P1-CLM14100-00	Single CliffHanger Assembly
	1	1A-P1-PNA02300-01	Maze Wheel Assembly
	1	1A-P1-PSL00800-01	SPI Poly Spiral Slide 6' Assembly
	1	1A-P1-PSL02300-00	SPI 4' Double Scoop Poly Slide Assembly
	1	1A-P1-SHP21300-00	Drum Panel Assembly
	4	1M-P1-BPN00200-00	Safety Railing
	1	1M-P1-BPN00300-00	Universal Safety Hoop
	1	1M-P1-BPN01110-00	PF Change-of-Direction Railing - Right
	1	1M-P1-BPN01120-00	PF Change-of-Direction Railing - Left
	1	1M-P1-BPN02610-01	Spiral Slide Rail - Right
	1	1M-P1-BPN02620-01	Spiral Slide Rail - Left
	1	1M-P1-BPN03900-00	Slide Pole Universal Hoop
	6	1M-P1-BRK00400-00	Sheet Plastic Bracket
	1	1M-P1-BRK01500-03	Steering Wheel Front Bracket
	1	1M-P1-BRK01800-01	Double Poly Slide Angle
	12	1M-P1-BRK05500-01	4" Post Cap Assembly Bracket
	8	1M-P1-BRK09000-00	Drum Panel Bracket
	2	1M-P1-BRK09200-00	Double Hood String Guard
	9	1M-P1-BRK10000-00	PlaySteel Deck Bracket
	1	1M-P1-CLA01700-02	Crooked Net
	2	1M-P1-CLM00100-00	Grab Bar
	1	1M-P1-CLM01400-02	Tower Climber 5' - Bent
	2	1M-P1-CLM12000-01	Crooked Net Support Bar
	2	1M-P1-CLM12200-01	Crooked Net Side Support Bar
	1	1M-P1-FRM02200-00	SPI Poly Spiral Mounting Frame
	1	1M-P1-GND00100-00	Universal Ground Leg Mount
	2	1M-P1-GND00200-00	Universal Ground Leg
	2	1M-P1-GND08900-00	CliffHanger Ground Leg
	5	1M-P1-GND09600-00	Transfer Station Universal Ground Leg
	2	1M-P1-HDR05200-00	Accessible Step Deck Handrail 24"
	2	1M-P1-HDR06100-00	Transfer Handrail - Upper
	2	1M-P1-HDR06300-00	30" Transfer Step Handrails
	1	1M-P1-HDR06400-00	Transfer Platform Grab Rail
	2	1M-P1-LUG00200-01	Turning Bar Lug
	1	1M-P1-PNA00500-00	Post Steering Wheel Plastic Filler
	1	1M-P1-PNA02400-00	Maze Wheel Lexan
	1	1M-P1-PNA02500-00	Maze Wheel Ball Bearing (1/2" dia.)
	1	1M-P1-PST04000-00	1.5 Square Support Post c/w Flat Cap
	1	1M-P1-SHP03100-01	Steering Wheel Puck
	2	1M-P1-SHP04900-00	SPI Double Slide 4' String Guard
	1	1M-P1-SHP16900-00	Poly Spiral Slide Plastic Rail
	3	1M-P1-SHP19100-00	Plastic Infill 8" x 38"

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Q	)ty	Component Number	Component Name
	2	1M-P1-SHP19600-00	Step Deck Plastic String Guard
	1	1M-P1-SHP21301-00	Drum Panel Plastic
	1	1M-P1-SHP25700-01	Maze Wheel Plastic (2 parts)
	1	1M-P1-SHP29800-00	CUSTOM SINGLE SIDED PLASTIC PANEL
1	12	1M-P4-PST01000-01	4" Post c/w Alum Cap
	3	1M-P4-PST02500-00	PF Hex Post Adapter - Left 46"
	3	1M-P4-PST03200-00	PF Hex Post Adapter - Right 46"
	1	1S-P1-DCK01000-03	Spiral Slide Deck - Punched
***	2	1S-P1-DCK02100-01	Accessible Step Deck - Punched
	1	1S-P1-DCK02500-00	Transfer Platform
	1	1S-P1-PPN00800-02	SPI Double Slide Hood
	1	1S-P1-PSL00801-01	SPI Poly Spiral Slide 6'
	1	1S-P1-PSL02301-00	SPI 4' Double Poly Slide
	1	1S-P1-STR02500-00	9" Transfer Step
	1	1S-P1-STR02700-00	30" Transfer Steps
	1	1S-P4-DCK00100-03	PF Square Deck - Punched
	1	1S-P4-DCK00300-03	Change-of-Direction Deck - Punched
	1	1S-P4-DCK01900-02	Triangle Deck - Punched
•	12	1S-P4-PST00700-01	PF Aluminum Post Cap
	1	2S-P1-CLA01900-00	SPI Single CliffHanger

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#### **Certificate of CPSIA Compliance**

Customer:

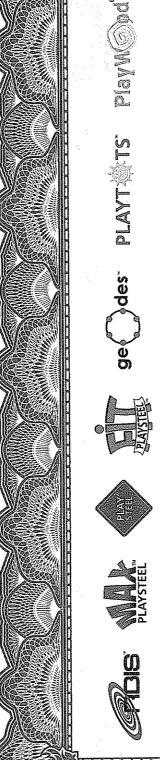
Cooper's Rock State Forest

Model Number: PF09504R0

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

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

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



Organization: Cooper's Rock State Forest

Project:

PF09504R0 Model:

# Compliance with Play Equipment Standards

Standard Consumer Safety Performance Specification for Playground Equipment for Public Use 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,

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-compliancy to the Standard

cedure, Henderson Recreation Equipment Limited will make the necessary corrections to the be identified that is caused by improper design, manufacturing or original installation proequipment at its cost. This ASTM compliance certificate does not apply when the cause of the non-compliancy is the result of the following:

- Oversights by owner/operator or its designated inspectors that are not identified within
- Oversights by third party inspectors that are not identified within the 12 month warranty
- Failure of owner/operator to report any non-compliance to Henderson Recreation within the 12 month warranty period
- √andalism

# 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.

the equipment is installed by Henderson Recreation Equipment Limited or its designated agent. lation of the playground equipment proposed complies with the above mentioned standard if in addition, Henderson Recreation Equipment Limited will undertake to ensure that the instal-

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

Yours truly,

Gordon Henderson, President Henderson Recreation Equípment Limited

# recreation equipment limited

failure due to corrosion or deterioration caused by defects in materials or workmanship.  $m{\it Lifeline}^*$  limited warranty on bolt-through fastening system against structural

failure due to corrosion or deterioration caused by defects in materials or workmanship. **20** Vear" imited warranty on Mighty Shades" steel framework against structural

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

10~Vear  $^{st}$  limited warranty on Mighty Shades $^{st}$  fabric against deterioration, rot, or faulty workmanship, including seam failure.

Lifelime\* imited warranty on steel support posts against structural fallure due to corrosion or deterioration caused by defects in materials or workmanship  $15\, Vear$   $^*$  limited warranty on steel rails, loops and rungs against structural failure due to corrosion or deterioration caused by defects in materials or workmanship. 10 Vear \* 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.

S  $V\!eo\!\!\!II^*$  Limited Warranty on all Site Amenitles, including all benches, tables, litter receptacles and bike racks, against structural fallure due to corrosion or deterioration caused by defects in materials and workmanship.

accompanied by a copy of the original invoice and photograph(s) clearly identifying the defect(s) in question, destroying fungi that disintegrate the wood cell walls, but exclude sur-

### Product Replacement

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

to any warranty of merchantability or fitness for a particular purpose. Further, no representation, oral or written, of any representative of Hen-

warrantles, whether expressed or implied, including, but not limited definition. The above warrantics are exclusive and in lieu of all other

Limited 1-Year Warranty on all other moving parts, swing seats, and any other materials nat covered above. Henderson Recreation will repair on replace all parts of the product or equipment found to be defective free of charge. Warranty porlods start at date of invoice.

One Year\* General Warranty

derson Recreation may be substituted for the afore described limited

face mold and mildew fungi associated with the "weathering of wood. "Weathering" of wood is not decay, fungal decay, or rot of any type or

warranties. To the extent permitted by law, Henderson Recreation shall not be liable for, direct, indirect, special, incidental, or consequential

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 equip-

Product or equipment that is not installed in conformity with the layous

" Items Not Covered in the above Warranties

alteration, repair, or part substitution by persons other than Henderson resulting from vandalism, abnormal use, incorrect instaliation, and lack of routine maintenance are not covered by the above warranties. These

ment that has been subjected to misuse, negligence or accident; product or equipment that has been subjected to addition, modification, Recreation or Henderson Recreation's designees, Labour or damages

damages which are expressly excluded from the above warranties. Any freight costs associated with the warranty claim, any costs for

## Loss or Damage in Transit

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. Henderson Recreation cannot be held responsible for the loss or

#### Maintenance

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 dismantling the defective part in order to replace it, and any installation

not ilmited to any incidental or consequential damages.

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. structures for signs of wear and tear. All necessary repairs should be The demand for safety requires regular inspection of playground

## Warranty Claims scratches, dents, marring, fading of colours, discolouration, normal wear and tear and natural fading, and the weathering of wood, including but warranties do not include any or all of the following cosmetic issues:

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

not limited to raised grain, splitting, checking, twisting, warping, shrink-age, swelling or any other physical property of the wood. The terms, "rot" and "fungal decay," as used in this warranty mean attack by wood-

Rev. 04-03