



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
DNR209038

PAGE
1

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

RFQ COPY
 TYPE NAME/ADDRESS HERE

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PLAYGROUND SPECIALISTS, INC.
 17352 N. SETON AVE.
 EMMITSBURG, MD 21727

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DIVISION OF NATURAL RESOURCES
 CARNIFEX FERRY BATTLEFIELD
 ATTN: PARK SUPERINTENDENT
 1194 CARNIFEX FERRY ROAD
 SUMMERSVILLE, WV
 26651 304-872-0825

DATE PRINTED 09/10/2008	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **10/09/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
<p>PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)</p> <p>REQUEST FOR QUOTATION</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS TO PROVIDE THE AGENCY WITH LABOR AND MATERIALS TO PROVIDE PLAYGROUND EQUIPMENT FOR CARNIFEX FERRY BATTLEFIELD STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>A WALK THROUGH OF THE SITE WILL BE HELD ON MONDAY, SEPTEMBER 29, 2008 AT 1:00 PM FOR ALL INTERESTED PARTIES. ALL VENDORS ARE RESPONSIBLE FOR BEING FAMILIAR WITH THE SITE.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS PROJECT MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WEST VIRGINIA PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR TECHNICAL QUESTIONS IS WEDNESDAY OCTOBER 1, 2008 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS IF ANY, WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.</p> <p>QUESTIONS CONCERNING THE ACTUAL PROCESS BY WHICH A VENDOR MAY SUBMIT A BID TO THE STATE OF WEST VIRGINIA ARE NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING AND IN ANY FORMAT.</p>						

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08 OCT 14 PM 1:22

PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>St Self</i>	TELEPHONE 800/385-0075	DATE 10/1/08
TITLE SALES MANAGER	FERN 52-2132887	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

INSTRUCTIONS TO BIDDERS

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



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 304-558-2316**

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REVISION

PLAYGROUND SPECIALISTS, INC.
 17352 N. SETON AVE.
 EMMITSBURG, MD 21727

SHIP TO

**DIVISION OF NATURAL RESOURCES
 CARNIFEX FERRY BATTLEFIELD
 ATTN: PARK SUPERINTENDENT
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<p>EXHIBIT 5</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 90 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAG RATES AS ESTABLISHED FOR NICHOLAS COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *St Sep* TELEPHONE *800/385-6075* DATE *10/1/08*

TITLE *Sales Manager* FEIN *52-2132887* ADDRESS CHANGES TO BE NOTED ABOVE

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<p>ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>() BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>() MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION,</p>						

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SIGNATURE <i>St Self</i>	TELEPHONE 800/385-0075	DATE 10/1/08
TITLE SALES MANAGER	FEIN 52-2132887	ADDRESS CHANGES TO BE NOTED ABOVE

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**PLAYGROUND SPECIALISTS, INC.
 17352 N. SETON AVE.
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<p>ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>St Self</i>	TELEPHONE 800/385-0025	DATE 10/1/08
TITLE SALUS MANAGER	FEN 52-2132887	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE & ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>S. S. S.</i>	TELEPHONE 800/385-cc 75	DATE 10/1/08
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TITLE SALKS MANAGER	FEIN 52-2132 887	ADDRESS CHANGES TO BE NOTED ABOVE
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ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NOS.:						
NO. 1		10/6/08		<i>Self</i>		
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I 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 ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.						
<i>Self</i>SIGNATURE						
PLAYGROUND SPECIALISTS, INC. COMPANY						
OCTOBER 1, 2008.....DATE						

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SIGNATURE <i>Self</i>	TELEPHONE 800/585-0075	DATE 10/1/08
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	REV. 11/96					
	CONTRACTORS LICENSE WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890. WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID. BIDDER TO COMPLETE: CONTRACTORS NAME: <i>PLAYGROUND SPECIALISTS INC</i> CONTRACTORS LICENSE NO.: <i>WV04443</i> THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT APPLICABLE LAW THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.					

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SIGNATURE <i>[Signature]</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>10/11/08</i>
TITLE <i>SALES MANAGER</i>	FEIN <i>52-2132887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: FRANK WHITTAKER-FILE 44</p> <p>REQ. NO.: DNR209038</p> <p>BID OPENING DATE: OCTOBER 09, 2008</p>						

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SIGNATURE <i>St. Sel</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>10/11/08</i>
TITLE <i>Sales Manager</i>	FEIN <i>52-2132887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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BID OPENING DATE: **10/09/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <i>301/271-9239</i> ----- PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE: <i>STEVEN SCIFER</i> -----						
***** THIS IS THE END OF RFQ DNR209038 ***** TOTAL:						<i>\$52,477.00</i>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>St Scif</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>10/01/08</i>
TITLE <i>Sales Manager</i>	FEIN <i>52-2132887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

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

CARNIFEX FERRY STATE PARK PLAYGROUND SPECIFICATIONS – CONTD.

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

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

Vendors must submit the following attachments:

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

Warranties:

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

The award may be split if it is in the best interest of the West Virginia Division of Natural Resources.

Vendors must have a familiarity with the proposed areas for which the playground equipment is to be purchased. Owner will conduct a site walk through on September 29, 2008, at 1:00 p.m. for interested parties.

Item No.	Quantity	Description	Unit Price	Amount
		To supply and install playground equipment to offer play activities for children ages five (5) to twelve (12) at Carnifex Ferry, Summersville, West Virginia. The equipment will include the following items:		
1	1	GameTime upright or equal. Upright must be approximately 5", must be plastic coated and must be brown in color.	<i>Prices for 1 truss #1-15</i>	
2	7	GameTime decks or equal. Decks must be approximately 49" and must be brown in color.		
3	2	GameTime slide or equal. Slide must be approximately 6' high, must be a minimum of 270 degree and must be green in color.		
4	1	GameTime slide or equal. Slide must be approximately 3' high, must be straight and must be green in color.		
5	1	GameTime(ADA) transition step or equal. Step must be approximately 3' and must be beige in color.		
6	3	GameTime overhead climbers (various types) or equal. Climbers must be beige in color.		
7	3	GameTime overhead climber access ladders or equal. Ladders must be beige in color.		
8	1	GameTime offset archway or equal. Archway must be beige in color.		
9	1	GameTime ribbon style rock wall climber or equal. Climber handleholds must be beige or grey in color.		
10	1	GameTime enclosure panel or equal. Panel must be beige in color.		
11	1	GameTime curved bridge or equal. Bridge must be 8' long.		

Prices for 1 truss #1-15

To face prices for next sheet

ON

Item No.	Quantity	Description	Unit Price	Amount
12	1	GameTime transfer platform or equal. Platform must be brown in color.		
13	4	GameTime vertical climbers or equal.		
14	1	GameTime ground level net climber or equal.		
15	3	GameTime various ground level items or equal		
16	1	GameTime 3-level chinning bar, Model #P33, or equal. Bar must be beige in color.		\$401.00
17	1	GameTime sky runner, Model #6200, or equal. Runner must be beige in color.	SEE EQUAL	\$1630.00 - TWISTER
18	2	GameTime in-ground expanded metal benches with back, Model #12584, equal. Benches must be brown in color.	291.00	\$582.00
19	1	GameTime, swing set with four (4) belt seats and two (2) child seats, Model #12584, or equal.		\$2610.00
20	1	Installation of items 1 through 20. Prevailing wage rates are to be paid for Nicholas County, West Virginia (http://www.wvsos.com/adlaw/wagerates/heavyhighway/heavyhighway08/allhh.pdf). Installation must be completed within nine (90) days of purchase order award.		\$12450.00
21	4,697 Sq. Ft.	Engineered wood fiber @ 8" compacted depth, or equal (no installation)		\$4195.00
22	1 Roll (1,125 Sq. Ft.)	Geo-textile felt or equal (no installation)		\$567.00
23	2 Rolls 2,250 Sq. Ft.	Geo-textile felt or equal (no installation)		\$1013.00

ITEMS #1-THRU 15

\$29089.00

SEE ATTACHED

DRAWINGS

\$401.00

SEE EQUAL

\$1630.00

- TWISTER

291.00

\$582.00

\$2610.00

\$12450.00

\$4195.00

\$567.00

\$1013.00

Item No.	Quantity	Description	Unit Price	Amount
24	1	F.O.B. Destination. Freight and/or delivery charges are to be included in the price of the goods. Delivery must be made within ninety (90) days of purchase order award.	 	
			TOTAL	\$52,477.00

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:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A 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. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

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

Vendor's Name: PLAYGROUND SPECIALISTS INC

Authorized Signature:  Date: 10/01/08

Purchasing Affidavit (Revised 07/01/08)

Purchasing Affidavit must be submitted with your bid for this project

Agency _____
REQ P.O.# _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Playground Specialists, Inc.
of Emmitsburg, Maryland, as Principal, and Cincinnati Insurance Co.
of Cincinnati, OH, a corporation organized and existing under the laws of the State of OH
with its principal office in the City of Cincinnati, as Surety, are held and firmly bound unto the State
of West Virginia, as Obligee, in the penal sum of 5% of bid (\$ —5%—) for the payment of which,
well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for
Supply & Installation
Playground Equipment located at Carnifex Ferry Battlefield State Park, Nicholas County

NOW THEREFORE,

(a) If said bid shall be rejected, or
(b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached
hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the
agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full
force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event
exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no
way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby
waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations
have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers, this
29th day of September, 2008.

Principal Corporate Seal

Playground Specialists, Inc

(Name of Principal)

By 

(Must be President or
Vice President)

President
(Title)

Surety Corporate Seal

Cincinnati Insurance Companies

(Name of Surety)


Attorney-in-Fact

Michael A. Hayes

**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.**

THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Robert Phelan; Michael Hayes; Mary Beth Pizzi; Marsha Hawbaker and/or Dennis M. Corapi

of Emmitsburg and Hagerstown, Maryland its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:

Any such obligations in the United States, up to Twenty Million and No/100 Dollars (\$20,000,000.00).

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

"RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973

"RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company"

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 1st day of April, 2007

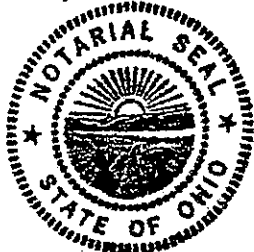


THE CINCINNATI INSURANCE COMPANY

Thomas H. Kelly
Vice President

STATE OF OHIO) ss:
COUNTY OF BUTLER)

On this 1st day of April, 2007, before me came the above-named Senior Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.



MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio

this 29th day of SEPTEMBER, 2008



Secretary



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
DNR209038

PAGE
1

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

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF NATURAL RESOURCES
 CARNIFEX FERRY BATTLEFIELD
 ATTN: PARK SUPERINTENDENT
 1194 CARNIFEX FERRY ROAD
 SUMMERSVILLE, WV
 26651 304-872-0825

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/06/2008				
BID OPENING DATE: 10/16/2008		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. I *****						
THIS ADDENDIM IS ISSUED TO PROVIDE THE ATTACHED VENDOR QUESTIONS AND AGENCY RESPONSE RESULTING FROM THE SITE WALK THROUGH CONDUCTED ON 09/29/08.						
THE BID OPENING DATE HAS BEEN CHANGED TO 10/16/08 AT 1:30 PM.						
0001		LS		650-38		
1 PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)						
***** THIS IS THE END OF RFQ DNR209038 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE		TELEPHONE		DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE		

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

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

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

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications
3. Complete all sections of the quotation form
4. Unit prices shall prevail in case of discrepancy
5. All quotations are considered FOB 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

DATE: October 3, 2008

RE: DNR209038-Carnifax Ferry Battlefield State Park--Response to Vendor Questions

A walkthrough was conducted yesterday afternoon for vendors interested in bidding on the purchase and installation of playground equipment at Carnifax Ferry Battlefield State Park. A total of four questions were asked by the vendors attending the walkthrough. The questions and our agency response are as follows.

The first question was in reference to item # 1, GameTime upright or equal. The upright must be a minimum of 5". It would also be acceptable for a vendor to provide an upright larger than 5".

The second question was in reference to whether there were any specific ground level play items. There are no specific items; however, items should be used to access the main structure levels.

The third question was regarding the submission of plans for an equivalent structure prior to bid closing. If the vendor is bidding an equivalent structure, it must be submitted with the bid. Be reminded that if an equivalent is bid, it must meet or exceed the specifications included in the Request For Quotations.

The fourth question was regarding item #18 and item #19, which had the same model numbers. The correct information is as follows:

18. GameTime, brown-in-ground expanded metal benches with back, Model #28009, or equal.
19. GameTime, swing set with four (4) belt seats and two (2) child seats, Model #12584, or equal.

Additionally, two additional questions were submitted to the West Virginia Purchasing Division for a response. The first question was if item #1 should be specified as plastic coated or powder coated. The item should be powder coated.

The second question is concerning a model number for the equipment specified. The GameTime model number is 85133.

Carnifex Ferry Battlefield

Design No: 085466 - Bill of Materials

Ref. No.	Part Number	Description	Quantity
Posts			
1	ZZPM0006	5in OD X 96in STEEL POST W/ RIVETED CAP	3
2	ZZPM0016	5in OD X 120in STEEL POST W/ RIVETED CAP	5
3	ZZPM0026	5in OD X 132in STEEL POST W/ RIVETED CAP	13
4	ZZPM0046	5in OD X 156in STEEL POST W/ RIVETED CAP	6
Decks & Kick Plates			
5	ZZPM0616	SQUARE COATED DECK ASSEMBLY	3
6	ZZPM0629	LONG COATED DECK ASSEMBLY	2
7	ZZUN2290	COATED DECK TO DECK CONNECTION KIT	1
ADA Items			
8	ZZPM2007	TRANSFER STATION w/TALL GUARDRAIL (36in DECK)	1
9	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Slides			
10	ZZPM2736	ONE PIECE 360 DEGREE PLASTIC SPIRAL SLIDE	2
11	ZZPM3127	GLIDE SLIDE (36in DECK)	1
12	ZZPM8060	SLIDING POLE (36in DECK)	1
Activity Panels			
13	ZZPM4646	STOREFRONT PANEL	1
14	ZZPM4807	OVAL INSERT PANEL (DECK MOUNT)	1
15	ZZUN4300	STEERING WHEEL (PIPE WALL MOUNT)	1
16	ZZUN4797	LOOK DOWN PANEL INSERT	1
Barriers			
17	ZZPM4090	CENTERLINE PIPE WALL BARRIER	1
Climbers			
18	ZZPM6190	24in DECK TO DECK CLIMBER	1
19	ZZPM6989	INCLINED CLIFF HANGER (72in DECK)	1
20	ZZPM7220	CHAIN NET CLIMBER (36in DECK)	1
21	ZZPM7439	ROCK CLIMBER	1
22	ZZPM7950	SILO CLIMBER (48in DECK)	1
23	ZZPM8150	SPIRAL CLIMBER (48in DECK)	1
Overhead Events			
24	ZZPM5716	270 DEGREE HORIZONTAL LOOP LADDER	1
25	ZZPM5970	OVERHEAD EVENT ACCESS LADDER (36in DECK)	2
26	ZZPM6808	SKY SWIVELS	1
27	ZZPM6966	10ft ROUNDABOUT HORIZONTAL LADDER	1
Bridges			
28	ZZPM6635	10ft COATED ARCH BRIDGE	1
Audible Activities			
29	ZZPM4467	GROUND TO GROUND BABBLE-ON	1
30	ZZPM4587	DRUM PANEL (GROUND LEVEL)	1
31	ZZPM4589	BELL PANEL (GROUND LEVEL)	1
Stairs and Ladders			
32	ZZPM9177	36in ACCESSIBLE STEPPED PLATFORM (DECK TO DECK)	1
Additional Tool & Maintenance Kits			
33	ZZPMGUID	GENERAL GUIDELINES FOR PLAYMAKER	1



Carnifex Ferry Battlefield

Design No: 085466 - Bill of Materials

Ref. No.	Part Number	Description	Quantity
34	ZZUN9910	SURFACING WARNING LABEL KIT	1
35	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1
36	ZZUN9990	TOOL AND ADDITIONAL PARTS KIT W/AEROSOL	1



Carnifex Ferry Battlefield

Design No: 085466 - Bill of Materials

Ref. No.	Part Number	Description	Quantity
Posts			
1	ZZPM0006	5in OD X 96in STEEL POST W/ RIVETED CAP	3
2	ZZPM0016	5in OD X 120in STEEL POST W/ RIVETED CAP	5
3	ZZPM0026	5in OD X 132in STEEL POST W/ RIVETED CAP	13
4	ZZPM0046	5in OD X 156in STEEL POST W/ RIVETED CAP	6
Decks & Kick Plates			
5	ZZPM0616	SQUARE COATED DECK ASSEMBLY	3
6	ZZPM0629	LONG COATED DECK ASSEMBLY	2
7	ZZUN2290	COATED DECK TO DECK CONNECTION KIT	1
ADA Items			
8	ZZPM2007	TRANSFER STATION w/TALL GUARDRAIL (36in DECK)	1
9	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Slides			
10	ZZPM2736	ONE PIECE 360 DEGREE PLASTIC SPIRAL SLIDE	2
11	ZZPM3127	GLIDE SLIDE (36in DECK)	1
12	ZZPM8060	SLIDING POLE (36in DECK)	1
Activity Panels			
13	ZZPM4646	STOREFRONT PANEL	1
14	ZZPM4807	OVAL INSERT PANEL (DECK MOUNT)	1
15	ZZUN4300	STEERING WHEEL (PIPE WALL MOUNT)	1
16	ZZUN4797	LOOK DOWN PANEL INSERT	1
Barriers			
17	ZZPM4090	CENTERLINE PIPE WALL BARRIER	1
Climbers			
18	ZZPM6190	24in DECK TO DECK CLIMBER	1
19	ZZPM6989	INCLINED CLIFF HANGER (72in DECK)	1
20	ZZPM7220	CHAIN NET CLIMBER (36in DECK)	1
21	ZZPM7439	ROCK CLIMBER	1
22	ZZPM7950	SILO CLIMBER (48in DECK)	1
23	ZZPM8150	SPIRAL CLIMBER (48in DECK)	1
Overhead Events			
24	ZZPM5716	270 DEGREE HORIZONTAL LOOP LADDER	1
25	ZZPM5970	OVERHEAD EVENT ACCESS LADDER (36in DECK)	2
26	ZZPM6808	SKY SWIVELS	1
27	ZZPM6966	10ft ROUNDABOUT HORIZONTAL LADDER	1
Bridges			
28	ZZPM6635	10ft COATED ARCH BRIDGE	1
Audible Activities			
29	ZZPM4467	GROUND TO GROUND BABBLE-ON	1
30	ZZPM4587	DRUM PANEL (GROUND LEVEL)	1
31	ZZPM4589	BELL PANEL (GROUND LEVEL)	1
Stairs and Ladders			
32	ZZPM9177	36in ACCESSIBLE STEPPED PLATFORM (DECK TO DECK)	1
Additional Tool & Maintenance Kits			
33	ZZPMGUID	GENERAL GUIDELINES FOR PLAYMAKER	1



Carnifex Ferry Battlefield

Design No: 085466 - Bill of Materials

Ref. No.	Part Number	Description	Quantity
34	ZZUN9910	SURFACING WARNING LABEL KIT	1
35	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1
36	ZZUN9990	TOOL AND ADDITIONAL PARTS KIT W/AEROSOL	1





Product Specifications

©Playworld Systems, Inc Thursday, September 25, 2008

5in OD X 96in STEEL POST W/ RIVETED CAP

ZZPM0006

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

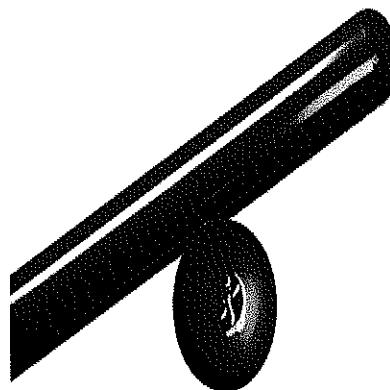
Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0006
Specification Rev:	ECN343
Component Weight:	54.21 Lbs.
Amount of Concrete:	0.13 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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5" O.D. X 120" STEEL POST W/ CAP

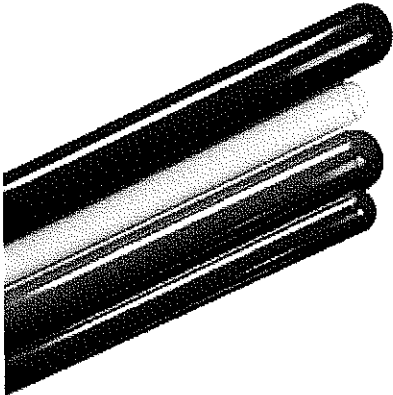
ZZPM0016

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.



* See Note

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Component Number:	ZZPM0016
Specification Rev:	PA644
Component Weight:	69.2 Lbs.
Amount of Concrete:	0.13 Yrds.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application



Product Specifications

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5in OD X 132in STEEL POST W/ RIVETED CAP

ZZPM0026

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

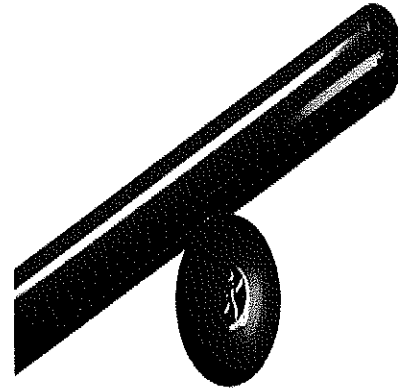
Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0026
Specification Rev:	ECN605
Component Weight:	74.21 Lbs.
Amount of Concrete:	0.12 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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5in OD X 156in STEEL POST W/ RIVETED CAP

ZZPM0046

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

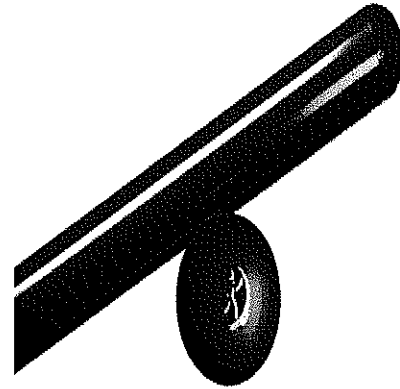
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26 Federal Specifications: QQ-A-601.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy The pin shall be fabricated of 7075 aluminum alloy.



* See Note

Component Number:	ZZPM0046
Specification Rev:	ECN343
Component Weight:	87.71 Lbs.
Amount of Concrete:	0.13 Yrds.

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Product Specifications

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SQUARE COATED DECK ASSEMBLY

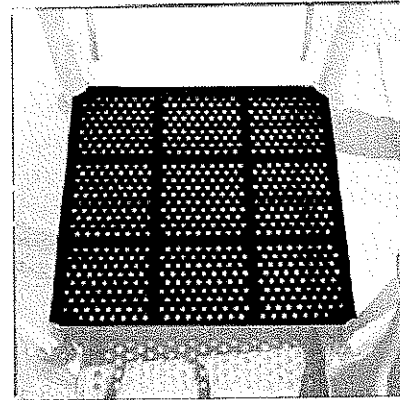
5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

PM Square Coated Platform

Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .34 in. (9 mm) diameter perforated holes. Decks shall have slots along each face to accommodate face mounting of components. The flange formed decks shall also incorporate the use of underdeck support struts to insure structural integrity. Square deck shall have 2226 square inches (1436215 square mm) of surface area. Entire deck weldment shall have a protective coating. (See Coated Finish)

ZZPM0616



* See Note

Component Number:	ZZPM0616
Specification Rev:	PA704
Component Weight:	105.46 Lbs.
Number of Users:	4

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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LONG COATED DECK ASSEMBLY

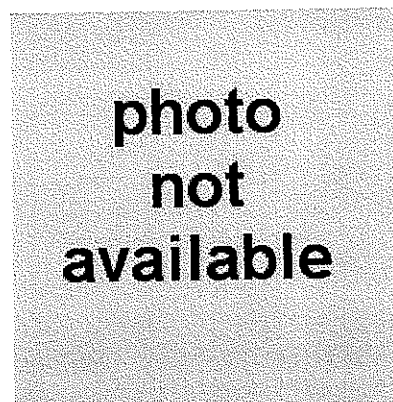
5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Coated Deck / Platform - 12 ga

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .34 in. (9mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

ZZPM0629



* See Note

Component Number:	ZZPM0629
Specification Rev:	PA704
Component Weight:	207.4 Lbs.
Number of Users:	6

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

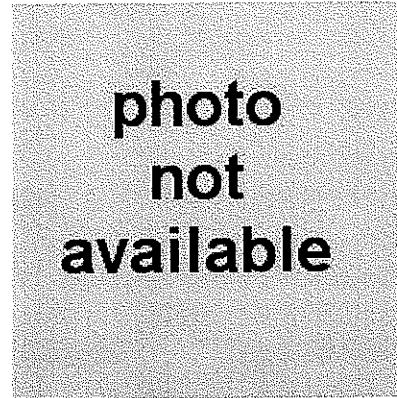
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COATED DECK TO DECK CONNECTION KIT

Hardware Reference

See General Hardware Spec .

ZZUN2290



* See Note

Component Number:	ZZUN2290
Specification Rev:	ECN176
Component Weight:	0.29 Lbs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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TRANSFER STATION w/TALL GUARDRAIL (36in DECK) ZZPM2007

Transfer Deck Support Post

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing; and .188 in. hot rolled flat steel. (See Tubing.) Finished with a baked on polyester powder coating. (See Superdurable Powder Coat Finish)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Accessible Stair Guardrail

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing and 1.315 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing.) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tubing weld connections are not acceptable.

Grabbar

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and .188 in. zinc plated, hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Coated Transfer Deck - sm holes

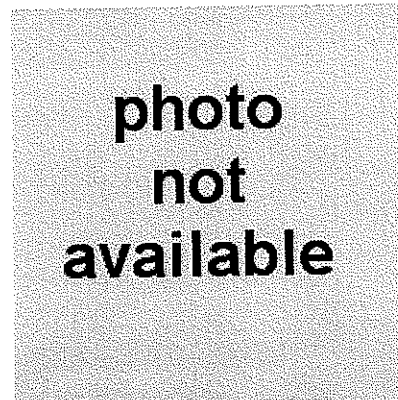
Shall be an all welded assembly die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .344 in. diameter perforated holes. Entire deck weldment shall have a protective coating. (See Coated Finish)

Coated Transfer Stair - sm holes

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled and oiled flat steel for the step treads, and 11 gauge hot rolled, pickled and oiled flat steel for the stringers. Step surfaces shall have .34 in. diameter perforated holes. Entire stair weldment shall have a protective coating. (See Coated Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM2007
Specification Rev:	PA1012
Component Weight:	176.72 Lbs.
Number of Users:	2
Amount of Concrete:	0.09 Yrds.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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APPROACH STEP FOR TRANSFER STATION

Kickplate / Nose Bracket

Shall be fabricated from a single sheet of 14 gauge galvanized sheet steel. Shall have a minimum G60 galvanizing and regular spangle commercial quality. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

2.375 in. Support Post with Plate

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing; and 125 in. zinc plated, hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat (See PrismCoat / Polyester Powder Coat Finish)

Approach Step

Approach step shall be an all-welded assembly fabricated of 11 gauge and 14 gauge hot rolled, pickled and oiled flat steel. Approach step surface and sides shall be die-formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Approach step surface shall have .344 in. (8 mm) diameter perforated holes. Entire deck weldment shall have a protective coating. (See Coated Finish)

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZUN2019



* See Note

Component Number:	ZZUN2019
Specification Rev:	PA769
Component Weight:	40.43 Lbs.
Number of Users:	1
Amount of Concrete:	0.04 Yrds.

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Product Specifications

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ONE PIECE 360 DEGREE PLASTIC SPIRAL SLIDE

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Slide Gate

Shall be an all welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing and 14 gauge hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating (See Superdurable Polyester Powder Coat Finish) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tubing weld connections are not acceptable.

Barrier Gate

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. Outside diameter, 14 gauge galvanized steel tubing; .25 in. Hot rolled, pickled and oiled flat steel and 8 gauge galvanized hot rolled steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Exit Support Post - 3.5 in. w/plate

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing; .25 in. hot rolled flat steel and 11 gauge zinc plated steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

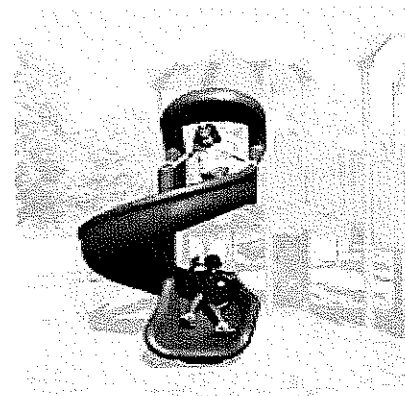
5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spiral Slide & Canopy - plastic

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Cross-sectional design shall be .25 in (6 mm) nominal thickness, double wall construction with molded-in longitudinal ribs and textured outside surfaces. Spiral slide shall have a minimum side rail height of 15.5" (394 mm). Shall have a canopy designed to channel the user into a sitting position for slide entry Entrance platform design that allows full view of users at the slide exit

ZZPM2736



* See Note

Component Number:	ZZPM2736
Specification Rev:	ECN593
Component Weight:	906.34 Lbs.
Number of Users:	3
Amount of Concrete:	0.19 Yrds.

region.

Coated Deck / Platform - 12 ga

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have 3/4 in. (19mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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GLIDE SLIDE (36in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Barrier - PM w/inserts & tabs

Shall be an all welded assembly fabricated of 1.315 in. Outside diameter, 14 gauge galvanized steel tubing and 7 gauge hot rolled, pickled and oiled flat steel. (See Tubing) Shall have factory installed crimped threaded inserts. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Exit Support Post - 3.5 in.

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing and 11 gauge zinc plated hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish) ASTM Specifications: A-36,

Glide Slide

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

Glide Slide Canopy

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Shall have molded in threaded inserts, and 1.315 in. outside diameter, 14 gauge galvanized steel tubing color matched to the plastic. Tubing shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

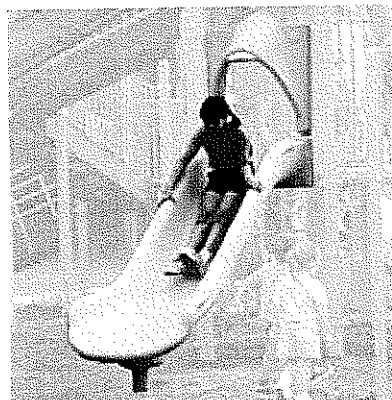
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM3127



* See Note

Component Number:	ZZPM3127
Specification Rev:	ECN1508
Component Weight:	111.54 Lbs.
Number of Users:	2
Amount of Concrete:	0.03 Yrds.

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Product Specifications

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SLIDING POLE (36in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Arch Entry Barrier / Pipe Wall Barrier

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing and .188 in. hot rolled, pickled and oiled flat steel. Shall be finished with a baked-on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

Sliding Pole

Shall be fabricated of 1.9 in. outside diameter, 13 gauge galvanized steel tubing (See Tubing). ASTM Specifications: A-135, E-8 and A-500. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

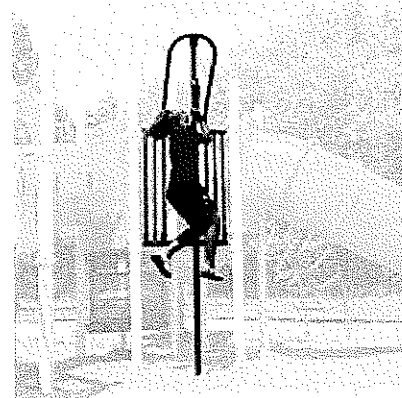
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 1.9 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM8060



* See Note

Component Number:	ZZPM8060
Specification Rev:	ECN1359
Component Weight:	66.27 Lbs.
Number of Users:	1
Amount of Concrete:	0.03 Yrds.

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Product Specifications

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STOREFRONT PANEL

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Oval Panel Connector

Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Rotomolded Plastic Panel - .25 in.

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZPM4646



* See Note

Component Number:	ZZPM4646
Specification Rev:	PA768
Component Weight:	44.8 Lbs.
Number of Users:	2

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Product Specifications

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OVAL INSERT PANEL (DECK MOUNT)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

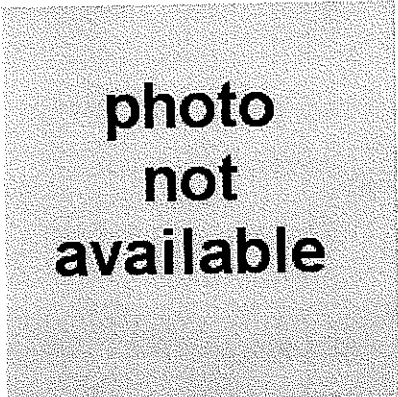
Panel Connector

Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Rotomolded Oval Plastic Panel

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZPM4807



* See Note

Component Number:	ZZPM4807
Specification Rev:	PA1064
Component Weight:	39.82 Lbs.
Number of Users:	1

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Product Specifications

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STEERING WHEEL (PIPE WALL MOUNT)

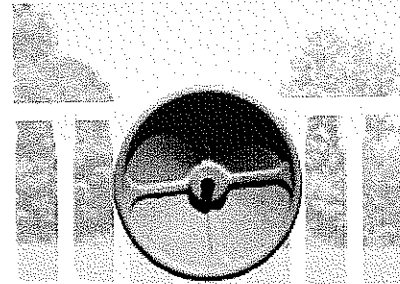
Steering Wheel Clamp

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat (See PrismCoat / Polyester Powder Coat Finish)

Steering Wheel w/ bearings

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. ASTM Specifications: B-26. Federal Specifications: QQ-A-601. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) Shall have factory installed oil light bearings pressed into the casting.

ZZUN4300



* See Note

Component Number:	ZZUN4300
Specification Rev:	ECN1157
Component Weight:	5.39 Lbs.
Number of Users:	1

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Product Specifications

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LOOK DOWN PANEL INSERT

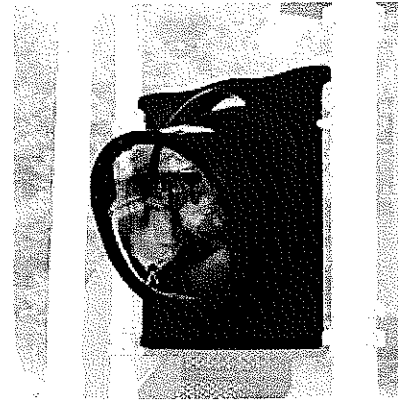
Plastic Bubble/Window

Bubble shall be oval-shaped and shall be vacuum-formed .188 in. (48 cm) XL Lexan, which is a high impact polycarbonate with ultraviolet stabilizers, and withstands wide temperature ranges. Oval bubble surface shall be protected with Ultramask for improved clean up.

Rotomolded Oval Plastic Elbow

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZUN4797



* See Note

Component Number:	ZZUN4797
Specification Rev:	PA1064
Component Weight:	24.21 Lbs.
Number of Users:	1

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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CENTERLINE PIPE WALL BARRIER

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Pipe Wall Barrier - coped

Shall be fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing; 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and .188 in. galvanized hot rolled flat steel (See Tubing). ASTM Specifications: A-135, E-8 and A-500. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tubing weld connections are not acceptable.

ZZPM4090



* See Note

Component Number:	ZZPM4090
Specification Rev:	ECN477
Component Weight:	37.22 Lbs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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24in DECK TO DECK CLIMBER

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Coated Climber Panel

Climber panel shall be die-formed from a single sheet of 11 gauge hot rolled, pickled and oiled flat steel. Climber panel surface shall have 75 in. (1.9 cm) diameter perforated holes. Entire Climber panel weldment shall have a protective coating. (See Coated Finish)

Barrier Gate

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. Outside diameter, 14 gauge galvanized steel tubing; .25 in. Hot rolled, pickled and oiled flat steel and 8 gauge galvanized hot rolled steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6190



* See Note

Component Number:	ZZPM6190
Specification Rev:	ECN496
Component Weight:	72.08 Lbs.
Number of Users:	1

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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INCLINED CLIFF HANGER (72in DECK)

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating (See Superdurable Polyester Powder Coat Finish)

Handhold - Climbing Wall

Hand grips shall be manufactured of polyurethane and are uniquely textured for slip resistance. Hand grips must be also formulated to withstand extreme impacts and be highly resistant to ultraviolet light and chemicals. Hand grip material must be manufactured from materials having a proven record in the climbing industry. Each hand grip shall be recessed into the climbing structure with a shape unique to the individual hand grip. Hand grips not recessed can rotate or turn and are not acceptable. Hand grips shall have a Lifetime Warranty. Anything other than a Lifetime Warranty is not acceptable.

Barrier Gate w/o plate

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and .25 in. hot rolled, pickled and oiled flat steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Frame - Climbing Wall

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing and 7 gauge zinc plated hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Powder Coat Finish)

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, 75 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

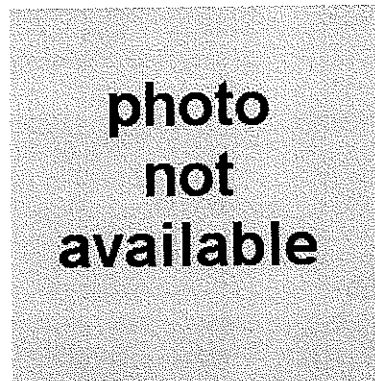
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi

ZZPM6989



* See Note

Component Number:	ZZPM6989
Specification Rev:	PA1114
Component Weight:	169.34 Lbs.
Number of Users:	2
Amount of Concrete:	0.06 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application



Product Specifications

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CHAIN NET CLIMBER (36in DECK)

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Chain Net Climber

Shall be an assembly fabricated of 4/0 zinc chain and .875 in. outside diameter, 16 gauge galvanized steel tubing. (See Tubing) Rungs ends shall be flattened and then crimped around the chain links. Rungs shall be vinyl coated to a thickness of 80-130 mils. Chain shall be vinyl coated to a thickness of 60-100 mils. Durometer: 75

Barrier Gate - Upper (PM w/o tabs)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. Outside diameter, 14 gauge galvanized steel tubing; and .25 in. hot rolled, pickled and oiled flat steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Chain Net Rod Anchor

Shall be an all welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and .313 in. Round cold rolled, zinc plated steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Chain Net Mounting Bracket

Shall be an all welded assembly fabricated of .188 in. hot rolled flat steel and .375 in. round cold rolled, zinc plated steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Steel Tubing - .875 in. OD, 16 ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM7220



* See Note

Component Number:	ZZPM7220
Specification Rev:	ECN0918
Component Weight:	59.24 Lbs.
Number of Users:	2
Amount of Concrete:	0.06 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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ROCK CLIMBER

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem

Panel Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Anchor Post w/ Plate - 12 Ga.

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing; and 12 gauge hot rolled flat steel plate. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

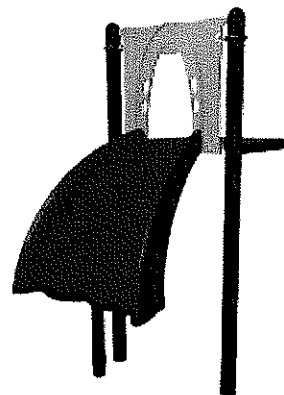
Rotomolded Component

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Threaded inserts may be molded into the plastic to provide attachment points.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM7439



* See Note

Component Number:	ZZPM7439
Specification Rev:	PA1127
Component Weight:	153.48 Lbs.
Number of Users:	3
Amount of Concrete:	0.03 Yrds.

* The photos shown are for product representation only The actual products may vary in size and color depending upon application.



Product Specifications

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SILO CLIMBER (48in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Connector - reg 319 aluminum

Cast of regular 319 (319 0-F) aluminum Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26 Federal Specifications: QQ-A-601.

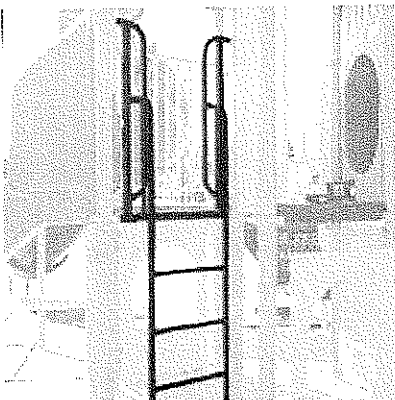
Silo Climber (Using connector)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; 11 gauge hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish) ASTM Specifications: A-135, A-500 and E-8.

Barrier Gate (11 ga)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. Outside diameter, 14 gauge galvanized steel tubing; .25 in. Hot rolled, pickled and oiled flat steel and 11 gauge galvanized hot rolled steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

ZZPM7950



* See Note

Component Number:	ZZPM7950
Specification Rev:	ECN1641
Component Weight:	77.7 Lbs.
Number of Users:	2
Amount of Concrete:	0.07 Yrds.

* The photos shown are for product representation only The actual products may vary in size and color depending upon application



Product Specifications

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SPIRAL CLIMBER (48in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spiral Climber - 14 gauge plate

Shall be an all welded assembly fabricated of 1.9 in. Outside diameter, 13 gauge galvanized steel tubing; and 1.315 in. Outside diameter, 14 gauge galvanized steel tubing (See Tubing), and a 14 gauge galvanized steel plate. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Arch Entry Barrier / Pipe Wall Barrier

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing and .188 in. hot rolled, pickled and oiled flat steel. Shall be finished with a baked-on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

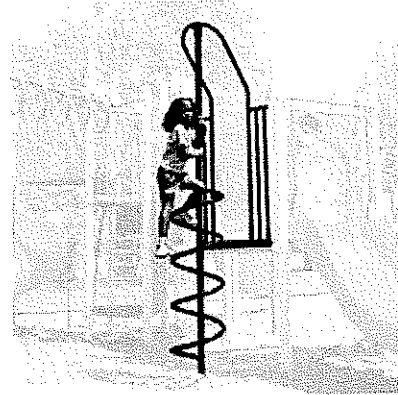
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 1.9 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM8150



* See Note

Component Number:	ZZPM8150
Specification Rev:	ECN1607
Component Weight:	97.67 Lbs.
Number of Users:	2
Amount of Concrete:	0.04 Yrds.

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Product Specifications

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ZZPM5716

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Connector - 7 Ga.

Shall be fabricated from zinc plated 7 guage hot rolled, pickled, and oiled flat steel. Finished with a baked on superdurable polyester powder coating (See Superdurable Polyester Powder Coat Finish)

Ladder w/ Bands

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and 2.375 in. outside diameter, 12 gauge galvanized steel tubing and zinc plated 25 in. hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Ladder

Shall be an all welded assembly of 1.029 in. Outside diameter, 14 gauge galvanized steel tubing and 2.375 in. Outside diameter, 12 gauge steel tubing (See Tubing). Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Post w/ Band

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing and zinc plated 7 guage hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on superdurable polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Urethane Rod

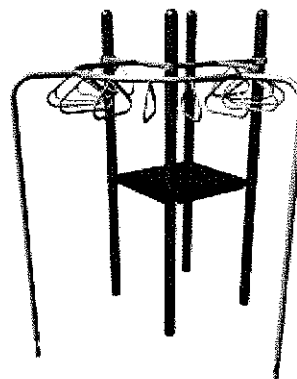
Shall be fabricated of 0.8 in. outside diameter black urethane.

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi



* See Note

Component Number:	ZZPM5716
Specification Rev:	ECN1565
Component Weight:	174.08 Lbs.
Number of Users:	3
Amount of Concrete:	0.06 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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OVERHEAD EVENT ACCESS LADDER (36in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Access Ladder

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and 1.029 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

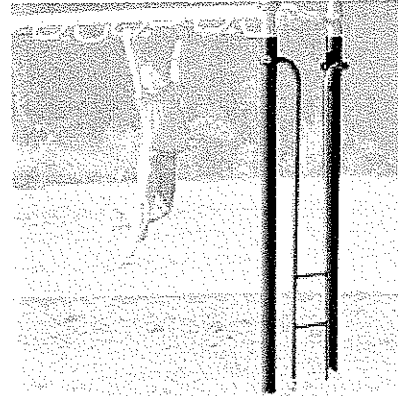
Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM5970



* See Note

Component Number:	ZZPM5970
Specification Rev:	ECN556
Component Weight:	26.16 Lbs.
Number of Users:	1
Amount of Concrete:	0.06 Yrds.

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Product Specifications

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SKY SWIVELS

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Wobble Wheel

shall be an all welded assembly fabricated from 1.315 in. outside diameter, 14 gauge galvanized steel tubing, and 2 in. outside diameter, 1.5 in inside diameter seamless tubing (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) Shall have a factory installed teflon coated oilite bearing. Bearing is self-contained and will not need additional lubrication

Frame - Sky Swivels

Shall be an all welded assembly fabricated from 2.375 in. outside diameter, 10 gauge galvanized steel tubing; 2.375 in. outside diameter, 12 gauge galvanized steel tubing; 1215 steel rod and 25 in. hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Collar Retainer

Shall be fabricated from 1.875 outside diameter 1215 steel tubing. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

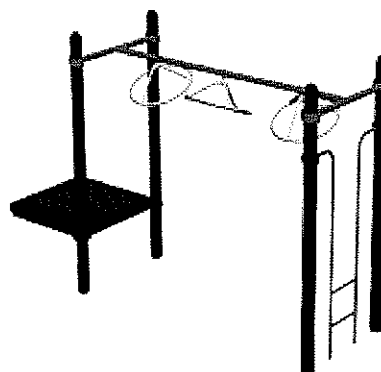
Steel Tubing - 2.375 in. OD, 10 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6808



* See Note

Component Number:	ZZPM6808
Specification Rev:	PA1075
Component Weight:	112.12 Lbs.
Number of Users:	2

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Product Specifications

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10ft ROUNDABOUT HORIZONTAL LADDER

5 in. Cast Alum. Clamp Band - Wide

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

Roundabout Horizontal Ladder

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 10 gauge galvanized steel tubing; 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and 25 in. hot rolled zinc plated flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

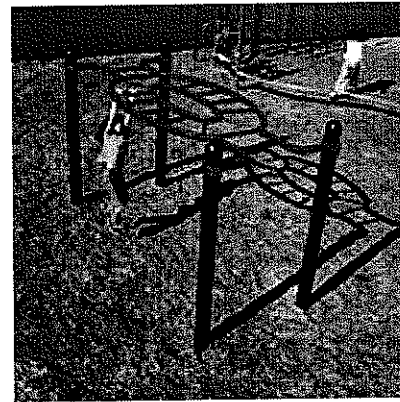
Steel Tubing - 2.375 in. OD, 10 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6966



* See Note

Component Number:	ZZPM6966
Specification Rev:	PA807
Component Weight:	147.86 Lbs.
Number of Users:	3

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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10ft COATED ARCH BRIDGE

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Barrier - Arch Bridge

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and .815 in. Outside diameter, 15 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Coated Perf. Bridge Arch

Plank shall be an all-welded assembly fabricated of 14 gauge hot rolled, pickled and oiled flat steel. Plank surface and sides shall be die-formed from a single sheet of 14 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .75 in. diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

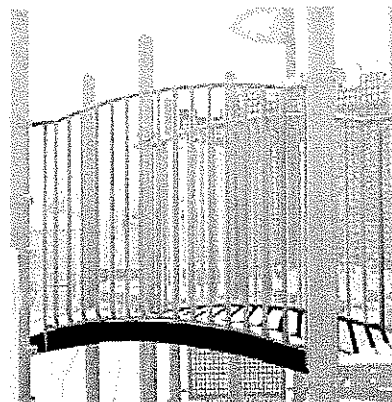
Steel Tubing - .815 in. OD, 15 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6635



* See Note

Component Number:	ZZPM6635
Specification Rev:	ECN1452
Component Weight:	441.49 Lbs.
Number of Users:	5

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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GROUND TO GROUND BABBLE-ON

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

1.5 in. PVC Connector

Shall be fabricated of polyvinyl chloride.

Babble-On Tube

Shall be an all welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing, 0.1875 in. steel plate and a 1 to 1-1/2 in. pipe reducing coupler. (See Tubing) Shall be finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Babble-On Horn with Screen

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

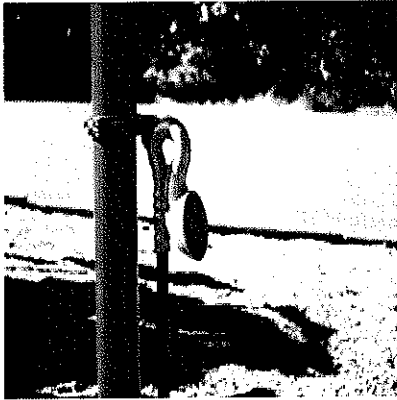
1.5 in. Flexible PVC Tubing

Shall be fabricated of extra flexible, polyvinyl chloride, non-metallic conduit. Shall be liquid tight, one piece construction. Shall be UL recognized and CSA certified.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM4467



* See Note

Component Number:	ZZPM4467
Specification Rev:	PA809
Component Weight:	42.59 Lbs.
Number of Users:	2

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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DRUM PANEL (GROUND LEVEL)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Panel Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

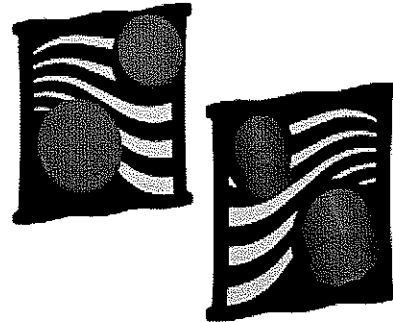
Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

Rotomolded Drum

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Threaded inserts are molded into the plastic to provide attachment points for the drum

ZZPM4587



* See Note

Component Number:	ZZPM4587
Specification Rev:	PA0978
Component Weight:	62.86 Lbs.
Number of Users:	2

* The photos shown are for product representation only The actual products may vary in size and color depending upon application



Product Specifications

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BELL PANEL (GROUND LEVEL)

Bell - Aluminum

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Polyester Powder Coat / PrismCoat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601

Connector - reg 319 aluminum

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

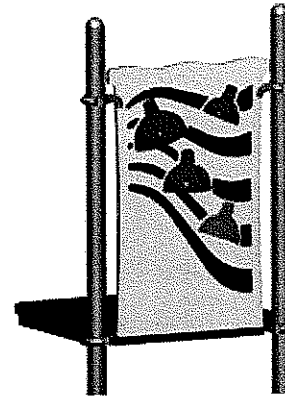
Connector / Adapter - 535 Almag

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

ZZPM4589



* See Note

Component Number:	ZZPM4589
Specification Rev:	PA0979
Component Weight:	61.21 Lbs.
Number of Users:	2

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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36in ACCESSIBLE STEPPED PLATFORM (DECK TO DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Stair / Ladder Handrail

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing and 1.315 in. outside diameter, 14 gauge galvanized steel tubing (See Tubing) Shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Coated Perf. Stair / Accessible Stair

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled, and oiled flat steel and 11 gauge hot rolled, pickled and oiled flat steel. Stair surface shall have .34 in (9 mm) perforated holes. Entire stair assembly shall have a protective coating. (See Coated Finish)

Angle Clip / Plank

Shall be fabricated of 12 gauge hot rolled, pickled, and oiled flat steel. Angle clip / plank shall have a protective coating. (See Coated Finish)

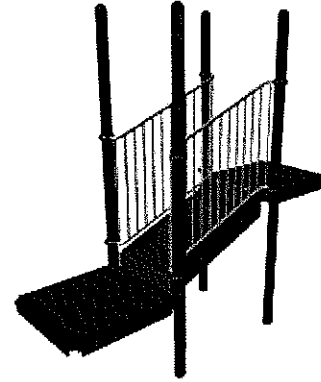
Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM9177



* See Note

Component Number:	ZZPM9177
Specification Rev:	PA759
Component Weight:	326.82 Lbs.
Number of Users:	2

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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TRI- LEVEL BARS

Chinning / Turning Bar

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing. All steel tubing manufactured per ASTM: A-135 and A-500 and tested in accordance with ASTM E-8. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Tri-Level Bars Support Post

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. All steel tubing manufactured per ASTM: A-135 and A-500 and tested in accordance with ASTM E-8. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Pipe Cap

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on powder coating. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

TL-50 Pipe/Tee Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Surfacing Warning Label

Shall be a pressure sensitive adhesive white vinyl label laminated with clear mylar for weather resistance. Shall contain the following text: Warning! Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls. Shall be tamper resistant to deter removal.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZXX1013



* See Note

Component Number:	ZZXX1013
Specification Rev:	ECN667
Component Weight:	104.16 Lbs.
Number of Users:	3
Amount of Concrete:	0.12 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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3-1/2in OD 2-UNIT STEEL ARCH SWING W-8ft TOP RAIL ZZXX0288

Swing Clevis - cast iron/ plated

Shall be manufactured of superior grade cast ductile iron and zinc plated for optimal surface protection. Shall have an integrated bronze bearing pressed in after powdercoating. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Hanger / Band - cast iron

Shall be manufactured of superior grade cast ductile iron and galvanized. The swing hanger and band together shall have an ultimate tensile load of 5000 lbs. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Arch Top Rail

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Post Arch - steel (11 ga / 4in od)

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 11 gauge galvanized steel tubing (arch), 4 in. outside diameter, 8 gauge galvanized steel tubing (sleeve), and 1006 cold rolled steel. (See Tubing) Finished with powder coating. (See Polyester Powder Coat Finish)

Steel Tubing - 3.5 in. OD, 11ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 4 in. OD, 8 ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

**photo
not
available**

* See Note

Component Number:	ZZXX0288
Specification Rev:	ECN1620
Component Weight:	293.51 Lbs.
Number of Users:	2
Amount of Concrete:	0.52 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc Wednesday, September 24, 2008

3-1/2in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY

ZZXX0375

Swing Clevis - cast iron/ plated

Shall be manufactured of superior grade cast ductile iron and zinc plated for optimal surface protection. Shall have an integrated bronze bearing pressed in after powdercoating. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Hanger / Band - cast iron

Shall be manufactured of superior grade cast ductile iron and galvanized. The swing hanger and band together shall have an ultimate tensile load of 5000 lbs. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Arch Top Rail

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Post Arch - steel (11 ga / 4in od)

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 11 gauge galvanized steel tubing (arch), 4 in. outside diameter, 8 gauge galvanized steel tubing (sleeve), and 1006 cold rolled steel. (See Tubing) Finished with powder coating. (See Polyester Powder Coat Finish)

Steel Tubing - 3.5 in. OD, 11ga.

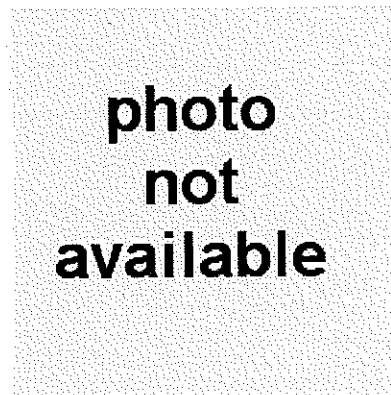
Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 4 in. OD, 8 ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.



* See Note

Component Number:	ZZXX0375
Specification Rev:	ECN1620
Component Weight:	179.11 Lbs.
Number of Users:	2
Amount of Concrete:	0.52 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application



Product Specifications

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BELT SEAT W/COATED CHAIN FOR 8ft TOP RAIL

ZZXX0278

Coated Chain 4/0

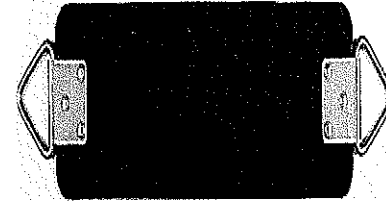
Shall be 4/0 welded link chain with a coating. The chain links are zinc coated low carbon 1008 steel. (See Coated Finish) The Rockwell would be on the B scale @ 90. The working load limit for this chain is 670 lbs.

Swing Seat - belt

Shall be fabricated from .5 in. (13 mm) thick ethylene propylene diene monomer with a T-301 full hard .020 in. (.51 mm) carbon steel insert. A triangular galvanized steel bracket and plate shall be secured to seat with galvanized rivets for chain attachments. Seat shall be slash-proof

Spacer - Aluminum Alloy

Shall be fabricated of T6061-T6 aluminum alloy. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)



* See Note

Component Number:	ZZXX0278
Specification Rev:	ECN1566
Component Weight:	10.69 Lbs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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INFANT SEAT W/COATED CHAIN FOR 8ft TOP RAIL

Coated Chain 4/0

Shall be 4/0 welded link chain with a coating. The chain links are zinc coated low carbon 1008 steel. (See Coated Finish) The Rockwell would be on the B scale @ 90. The working load limit for this chain is 670 lbs.

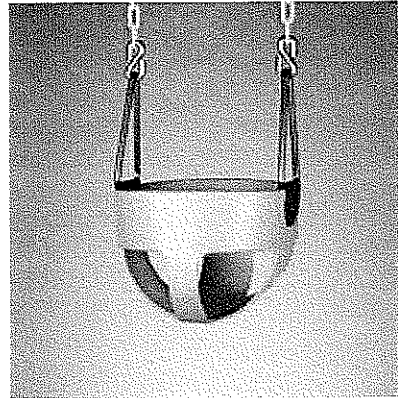
Swing Seat - infant

Shall be fabricated from .5 in. (13 mm) thick ethylene propylene diene monomer with a T-301 full hard .020 in. (.51 mm) carbon steel insert. A triangular galvanized steel bracket and plate shall be secured to seat with galvanized rivets for chain attachments. Seat shall be slash-proof.

Spacer - Aluminum Alloy

Shall be fabricated of T6061-T6 aluminum alloy. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

ZZXX0280



* See Note

Component Number:	ZZXX0280
Specification Rev:	ECN1566
Component Weight:	11.59 Lbs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

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6ft PERMANENT BENCH (COATED PLANKS & FRAME) ZZXX1410

Bench Frame - Coated

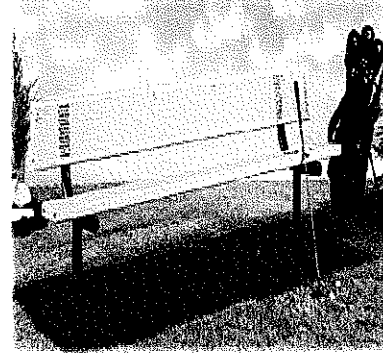
Shall be an all welded assembly consisting of 2.375 in. outside diameter, 12 gauge hot rolled, pickled and oiled steel tubing and 12 gauge hot rolled, pickled and oiled steel plate. Finished with a protective coating. (See Coated Finish)

Coated Perf. Bench Plank - .5" holes

Bench planks shall be an all-welded assembly fabricated of 14 gauge hot rolled, pickled and oiled flat steel. Bench planks surface and sides shall be die-formed from a single sheet of 14 gauge hot rolled, pickled and oiled flat steel. Bench planks surface shall have .5 in. (13 mm) diameter perforated holes. Bench planks shall have a protective coating. (See Coated Finish)

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.



* See Note

Component Number:	ZZXX1410
Specification Rev:	ECN1048
Component Weight:	93.89 Lbs.
Amount of Concrete:	0.16 Yrds.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application



Product Specifications

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TWISTER

3.5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535 0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

Traction Pad

Traction pads shall be manufactured of polyurethane and are uniquely textured for slip resistance. Traction pads must be also formulated to withstand extreme impacts and be highly resistant to ultraviolet light and chemicals. Traction pads material must be manufactured from materials having a proven record in the climbing industry. Each traction pad shall be recessed into the climbing structure with a shape unique to the individual hand grip. Traction pads not recessed can rotate or turn and are not acceptable. Traction pads shall have a Lifetime Warranty. Anything other than a Lifetime Warranty is not acceptable.

Anchor Post with Plate

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing; and .25 in. hot rolled flat steel plate. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Platform - Bottom

Shall be fabricated from 2 in outside diameter x 1.5 inch inside diameter steel tubing, .25 inch zinc plated hot rolled, pickled and oiled flat steel and oilite bearing. Tubing shall comply with ASTM Spec. A513 and shall have a yield strength of 64,670 PSI and the tensile strength of 80,910 PSI. Oilite bearing shall be teflon coated with a self contained lubrication feature. Yield Strength 22,000 psi, Tensile Strength 22,000 psi.

Ratchet - Spin Central

Shall be fabricated from 1.9 inch outside diameter x 13 gauge galvanized steel tubing, 2.375 inch outside diameter x 12 gauge galvanized steel tubing, zinc plated .25 inch hot rolled pickled and oiled flat steel, 7 gauge hot rolled pickled and oiled flat steel, 1018 cold rolled steel, 1215 steel, .5 inch and .75 inch high density sheel polyethylene. (See Steel Tubing and Plastic Panels)

Bearing - Oilite

Shall be teflon coated with a self contained lubrication feature. Yield Strength 22,000 psi, Tensile Strength 22,000 psi.

Plastic Panel - .5 in.

Shall be fabricated of .5 in. (12 mm) high density sheet polyethylene. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact), D-746 (Brittleness), D-1525 (Vicat Softening Point).

ZZCH6809



* See Note

Component Number:	ZZCH6809
Specification Rev:	PA1137
Component Weight:	100.06 Lbs.
Number of Users:	1

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

Steel Tubing - 1.9 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.

Warranty Certificate

Page 1 of 3

CONTROLLING TERMS: An order or acceptance of products by customer constitutes acceptance of these Terms and Conditions in their entirety, without regard to any terms and conditions contained in any document of customer even if they are additional to and not in conflict with these Terms and Conditions

PRICES: Prices are subject to change without notice. Unless otherwise stated in writing, all prices are F O B Lewisburg, PA and shall be exclusive of transportation, insurance, taxes, license fees, customs fees, duties, premiums, fees and other charges. Any such taxes, fees and charges will, at PLAYWORLD SYSTEMS option, be added to the price, paid directly by the customer or reimbursed by customer if paid by PLAYWORLD SYSTEMS.

TERMS OF PAYMENT: Unless credit is specifically granted in writing by PLAYWORLD SYSTEMS, payment in full is due upon delivery. All payments for products released and shipped on approved credit accounts shall be due in full and in legal tender of the United States (unless otherwise indicated by PLAYWORLD SYSTEMS on the invoice) thirty (30) days from the date of invoice thereof.

If Customer fails to perform the terms of payment of any invoice or if the financial condition of Customer shall become impaired or unsatisfactory to PLAYWORLD SYSTEMS, PLAYWORLD SYSTEMS in its sole discretion, reserves the right to change the terms of payment, require payment in advance or security or a guaranty satisfactory to and/or defer or discontinue further shipments without prejudice to any other lawful remedy available to PLAYWORLD SYSTEMS. PLAYWORLD SYSTEMS also reserves the right in the case of any of the foregoing events to cancel all of Customer's orders, in which event Customer shall fully compensate PLAYWORLD SYSTEMS for any commitments, obligations, expenditures, expenses and costs that may have incurred in connection with the orders (e.g., conversion charges, restocking charges).

A delinquency charge of 1-1/2% interest per month overdue will be charged on past due accounts but in no event will the delinquency charge be greater than the maximum rate permitted by law. Customer shall pay all fees and expenses (including attorneys' fees) incurred by PLAYWORLD SYSTEMS in the enforcement of Customer's rights hereunder.

SET OFF: PLAYWORLD SYSTEMS shall have the right at any time and without notice, to set off any liability or obligation of Customer to PLAYWORLD SYSTEMS against any liability or obligation of PLAYWORLD SYSTEMS to Customer.

FREIGHT CHARGES: Determined and collected by carrier.

LOSS or DAMAGE in TRANSIT: PLAYWORLD SYSTEMS is not responsible for loss or damage in transit. Our responsibility ends when the carrier signs the Bill of Lading, which is our receipt that the products were complete and in good condition when shipped. It is the customer's responsibility to check the number of pieces shown on the freight bill and our Bill of Lading. Any shortages or damages should be noted on the freight bill before it is signed.

DELIVERY: Delivery and shipment dates are estimates only, and does not guarantee delivery or shipment on or by such dates.

INSTALLATION: PLAYWORLD SYSTEMS shall deliver the repaired or replacement part or parts to the site free of charge, but will not be responsible for providing labor or the cost of labor for the removal of the defective part or parts and the installation of any replacement part or parts. Replacement parts shall be guaranteed for the balance of the original warranty period. IT IS CUSTOMER'S RESPONSIBILITY TO ASSEMBLE, INSTALL AND USE THE PRODUCTS SAFELY AND IN ACCORDANCE WITH OUR MANUAL.

INSPECTION: All products must be inspected upon receipt and claims must immediately be filed with the transportation company and PLAYWORLD SYSTEMS when there is evidence of shipping damage, either concealed or external.

EXPORT: Customer is responsible for compliance with applicable export laws and obtaining the appropriate export licenses when reselling the products.

LIMITED WARRANTY:

PLAYWORLD SYSTEMS warrants its products to the original customer to be free from structural failure due to defect in materials or workmanship during normal use and installation in accordance with our published specifications.

The warranty shall commence on the date of the PLAYWORLD SYSTEMS invoice and terminate at the end of the period stated below.

The warranty stated is valid ONLY if the products and structures are: erected properly and in conformity with the layout plan and/or installation instructions furnished by PLAYWORLD SYSTEMS using approved parts; maintained and inspected in accordance with PLAYWORLD SYSTEMS instructions; subjected to normal use for the purpose for which the goods were designed; not subject to vandalism, misuse, neglect, or accident; not subjected to unauthorized addition or substitution of parts; and not modified, altered, or repaired by persons other than PLAYWORLD SYSTEMS or its designees in any respect which, in the sole judgment of PLAYWORLD SYSTEMS, affects the condition or operation of the structures.

Warranty Certificate

Page 3 of 3

Warranty Periods end as follows for the different types of products stated below:

Playworld products:

- **Lifetime** on steel and aluminum posts, all stainless steel hardware, clamps, T's, deck hangers, post caps and PlayWeb™ cast aluminum parts.
- **25 Years** on Spring Mates® castings and springs.
- **20 Years** on all Recycled Plastic Lumber
- **15 Years** on all perforated steel decks; PlayArmour panels, roofs, crawl tubes; stainless steel slides, aluminum slides and PlayWeb™ tubular steel parts
- **10 Years** on all rails, loops, rungs, fitness systems, sheet steel, rotomolded and sheet plastic components, Fun Centers, fiberglass signage, RockBlock Handholds, Indoor Climbing Wall Handholds, and accessible swing seats and steel-core cable.
- **5 Years** on all Cushion Play®, swing seats, ground based play moving parts, Climbing Boulders, Diggables and products made from Concrete, Border Timbers and Site Amenities, including all benches, tables, litter receptacles and bike racks
- **1 Year** on Neos™ lenses, light tubes, electronic components, including all wiring harnesses, LED's, computer boards, buttons, speakers, scoreboard, and related hardware,* Talking Bob electronic components, Indoor Climbing Wall Mats and all other moving parts, and any other materials not covered above. (*An extended 3-year Neos™ parts-only warranty is available for purchase. Contact your Playworld Dealer or Playworld Systems for more detail.)

Playworld/PlayDesigns Shade products:

- **20 Years** on steel posts, all hardware, clamps, shackles, wire, post caps and cast aluminum parts
- **10 Years** on steel tensioning devices
- **10 Years** on Shade fabric components against structural failure, mildew, significant fading, deterioration, cracking or discoloration due to ultraviolet exposure outdoor heat or cold, due to defects in materials or workmanship. Playworld Systems may repair or replace the product at its sole discretion. In the event that replacement of a product is warranted, Playworld Systems shall replace the product at no charge for the first 6 years, thereafter pro-rated at 18% per annum over the last 4 years

PlayDesigns products:

- **Lifetime** on steel posts, all stainless steel hardware, clamps, T's, deck hangers, and post caps
- **25 Years** on PlayPals® castings and springs
- **20 Years** on all Recycled Plastic Lumber
- **15 Years** on all perforated steel decks and stairs
- **10 Years** on all rails, loops, rungs, fitness systems, rotomolded and sheet plastic components, Fun Centers, fiberglass signage, and accessible swing seat
- **5 Years** on all Cushion Play®, swing seats, Diggables and products made from Glass Fiber Reinforced Concrete, Border Timbers and Site Amenities, including all benches, tables, litter receptacles and bike racks
- **1 Year** on all other moving parts and any other materials not covered above.

LifeTrail products:

- **Lifetime** on steel posts and stainless steel hardware
- **10 Years** on all weldments, grab bars, seat posts, ancillary steel equipment, rotomolded plastic, and fiberglass signage
- **5 Years** on all moving parts.
- **1 Year** on all other materials not covered above

Woodward Ramps & Rails products:

- **Lifetime** on steel signage posts and all stainless steel hardware
- **15 Years** on all structural components including steel protective edging, steel decking, perforated steel enclosures, polyethylene acoustic deck sheathing, and leveling pads
- **10 Years** on fiberglass signage.
- **5 Years** on Skatelite® Pro riding surface and Recycled Plastic Lumber
- **1 Year** on all other materials not covered above

Climbing Boulders products:

- **Lifetime** on steel signage posts and all stainless steel hardware
- **10 Years** on fiberglass signage.
- **5 Years** on all Climbing Boulders.