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WV DIV OF PURCH

mequest for Park REONUMBER

NO. 8782

P. 1/1



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

DNR210178

ADDRESS CORRESPONDENCE TO ATTENTION OF COMME

KRISTA FERRELL 304-558-2596

\*615113726 800-385-0075 PLAYGROUND SPECIALIST INC 17352 N SETON AVE

EMMITSBURG MD 21727

DIVISION OF NATURAL RESOURCES A CABWAYLINGO STATE FOREST ATTN: PARK SUPERINTENDENT ROUTE 1, BOX 85 DUNLOW, WV

25511 385-4255 DATE PRINTED. TERMS OPSALE: SHIP VIA

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ADDRESS CORRESPONDENCE TO A HENTION OF THE



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

Request for Quotation DNR210178

PAGEO O

KRISTA FERRELL

\*615113726 800-385-0075
PLAYGROUND SPECIALIST INC
17352 N SETON AVE
EMMITSBURG MD 21727

DIVISION OF NATURAL RESOURCES CABWAYLINGO STATE FOREST ATTN: PARK SUPERINTENDENT

ROUTE 1, BOX 85

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385-4255

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

### Request for Quotation

DNR210178

PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL 304-558-2596

\*615113726 800-385-0075 PLAYGROUND SPECIALIST INC 17352 N SETON AVE

EMMITSBURG MD 21727

DIVISION OF NATURAL RESOURCES
CABWAYLINGO STATE FOREST
ATTN: PARK SUPERINTENDENT
ROUTE 1, BOX 85
DUNLOW, WV
25511 385-4255

DATE PRINTED TERMS OF SALE: SHIP VIA F.O.B. FREIGHT TERMS 04/22/2010 BID OPENING DATE: BID OPENING TIME 05/18/2010 01:30PM CAT. LINE QUANTITY. UOP ITEM NUMBER UNIT PRICE AMOUNT 0001 L.S 650-38 PLAYGROUND EQUIPMENT FOR CABWAYLINGO REQUEST FOR QUOTATION (RFQ) THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICTING BIDS TO PROVIDE THE AGENCY WITH PLAYGROUND EQUIPMENT FOR CABWAYLINGO STATE FOREST LOCATED IN DUNLOW, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS. TECHNICAL QUESTIONS CONCERNING THIS SOLICTATION MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT KRISTA.S.FERRELLOWV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 05/05/2010 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED. EXHIBIT 10 REQUISITION NO.: ADDENDUM ACKNOWLEDGEMENT I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED SEE REVERSE SIDE FOR TERMS AND CONDITIONS 385-0075 ADDRESS CHANGES TO BE NOTED ABOVE



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

# Request for

DNR210178

KRISTA FERRELL 304-558-2596

VENDOR

\*615113726 800-385-0075 PLAYGROUND SPECIALIST INC 17352 N SETON AVE

EMMITSBURG MD 21727

DIVISION OF NATURAL RESOURCES CABWAYLINGO STATE FOREST PARK SUPERINTENDENT ATTN: ROUTE 1, BOX 85 DUNLOW, WV 25511 385-4255

ADDRESS CORRESPONDENCE TO ATTENTION OF

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

# Request for

DNR210178

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL 304-558-2596

NOOR

\*615113726 800-385-0075 PLAYGROUND SPECIALIST INC 17352 N SETON AVE

EMMITSBURG MD 21727 DIVISION OF NATURAL RESOURCES CABWAYLINGO STATE FOREST PARK SUPERINTENDENT ATTN: ROUTE 1, BOX 85 DUNLOW, WV 25511 385-4255

DATE PRINTED TERMS OF SALE SHIP VIA F.O.B. FREIGHT TERMS 04/22/2010 BID OPENING DATE: 05/18/2010 BID OPENING TIME 01:30PM LINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID. REV. 09/21/2009 THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS. IN THE EVENT THE VENDOR/CONTRACTOR FILES BANKRUPTCY: FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER. NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE -0025 52-2132887 ADDRESS CHANGES TO BE NOTED ABOVE



VENDOR

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

800-385-0075

### Request for Quotation

DNR210178

PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF

KRISTA FERRELL 304-558-2596

PLAYGROUND SPECIALIST INC 17352 N SETON AVE

EMMITSBURG MD 21727

\*615113726

DIVISION OF NATURAL RESOURCES
CABWAYLINGO STATE FOREST
ATTN: PARK SUPERINTENDENT
ROUTE 1, BOX 85
DUNLOW, WV
25511 385-4255

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## DNR210178

# Cabwaylingo State Forrest

# PLAYGROUND EQUIPMENT SHEET

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

Item No.	Equipment	Manufacturer	Item	
1	Long Branch Picnic Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal.	PLAYWORLD SYSTEMS	CH 2697	
2	Long Branch Picnic Area Playground Game Time the whirl (Merry-Go- Round), Item #919, or equal.	Sports pery	#301-143	
3	Long Branch Picnic Area Playground Game Time tire swing (one bay), Item #10777, or equal.	PLAYWORED SYSTRAS	#0302	
4	Long Branch Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal.		#0270	
5	Long Branch Picnic Area Playground GameTime, 8' classic swing frame add-a bay, Item #P8546, or equal.		#0232	
6	Long Branch Picnic Area Playground Game Time enclosed tot seat with clevis, Item #8695, or equal.		# 6265	
7	Long Branch Picnic Area Playground Game Time belt seat with clevis, or equal.		Horses	
8	Crum/ Morgan Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal.		CH 2697	
9	Crum/ Morgan Area Playground GameTime buck-a-bouts, Item #243, or equal.		#0650	

8

# DNR210178

# Cabwaylingo State Forrest

Gan training -	
<b>PLAYGROUND</b>	EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	item
10	Crum/ Morgan Area Playground GameTime saddle mates for buck-a- bout rider, Item #2313, or equal.	PLAYWORLD SYSTRAS	Meword IN ITEM #9
, 11	Crum/ Morgan Area Playground GameTime cruisin mates desert commando car, Item #6058, or equal.		Hossi
12	Crum/ Morgan Area Playground GameTime adventure mate, dinosaur rider, Item #6051, or equal.		#0563
13	Crum/ Morgan Area Playground GameTime in-ground mount package for the dinosaur spring mate, Item #6065, or equal.		#0496
14	Lower Walnut Picnic Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal.		CH 2697
15	Lower Walnut Picnic Area Playground GameTime, PowerScape single station climber, Challenge Station, single tower Item #8533, or equal.	,	# 101940
16	Lower Walnut Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal.		#0270
17	Lower Walnut Picnic Area Playground GameTime, 8' classic swing frame add- bay, Item #P8546, or equal.	a-	# 0232
18	Lower Walnut Picnic Area GameTime Playground belt seat with clevis, or equal.		#0260
19	Lower Walnut Picnic Area Playground GameTime enclosed tot seat with clevi Item #8695, or equal.	is,	# 0265

# DNR210178 Cabwaylingo State Forrest PLAYGROUND EQUIPMENT SHEET

ltem No.	Equipment	Manufacturer	Item
20	Lower Walnut Picnic Area Playground GameTime, Fire Engine Vehicle Climber, Item No. 7002 or Equal.	PLAYWORLD SYSTRAS	# 0621
21	Spruce Creek Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal.	PLAYWORD SYSTEMS	CH 2697
22	Spruce Creek Area Playground GameTime space module climber, Item #618, or equal.	Sportsplay	# 111-120
23	Spruce Creek Area Playground GameTime buck-a-bouts, Item #243, or equal.	PLAYWORLD	# 0650
24	Spruce Creek Area Playground GameTime saddle mates for buck-a- bout rider, Item #2313, r equal.	PLAYWORLD SYSTRAS PLAYWORLD SYSTRAS	INCLUDED IN ITEM# 23
25	Items For All Four Playgrounds Geo- textile fabric, 2,250 sq. ft. roll, or equal.	ZEAGER Brothers	DL-6
26	Items For All Four Playgrounds Geo- textile fabric, 1,125 sq. ft. roll, or equal.		DL-6
27	Items For All Four Playgrounds Certified engineered wood fiber or equal.	1	WOODCARPET

# Cabwaylingo State Forest Playground Equipment PRICING SHEET

tem No.	Quantity	Description	Unit Price	Amount
1	1	Long Branch Picnic Area	233000	2330 <sup>00</sup>
2	1	Long Branch Picnic Area Playground Game Time the whirl (Merry-Go- Round), Item #919, or equal.	2600 00	2600 00
3	1	Long Branch Picnic Area Playground Game Time tire swing (one bay), Item #10777, or equal.	185000	1850 °
4	1	Long Branch Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal.	720°0	77000
5	1	Long Branch Picnic Area Playground GameTime, 8' classic swing frame add- a-bay, Item #P8546, or equal.	42000	420°0
6	2	Long Branch Picnic Area Playground Game Time enclosed tot seat with clevis, Item #8695, or equal.	11800	23600
7	2	Long Branch Picnic Area Playground GameTime belt seat, or equal.	61.00	122.0
8	1	Crum/ Morgan Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal.	233000	23300
9	1	Crum/ Morgan Area Playground GameTime buck-a-bouts, Item #243, or equal.	790 00	79000
10	2	Crum/ Morgan Area Playground GameTime saddle mates for buck-a- bout rider, Item #2313, r equal.	1484 1484	# 9
11	1	Crum/ Morgan Area Playground GameTime cruisin mates desert commando car, Item #6058, or equal	1/20	750 00

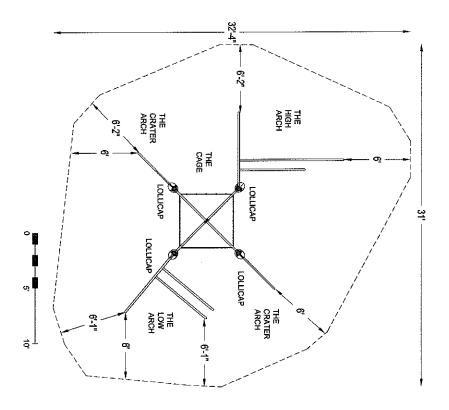
# Cabwaylingo State Forest Playground Equipment PRICING SHEET

item No.	Quantity	Description	Unit Price	Amount
12	1	Crum/ Morgan Area Playground GameTime adventure mate, dinosaur rider, Item #6051, or equal.	57000	57000
13		Crum/ Morgan Area Playground GameTime in-ground mount package for the dinosaur spring mate, Item #6065, or equal.	//0 00	110 æ
14	1	Lower Walnut Picnic Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal.	2330 00	2.330 00
15	1	Lower Walnut Picnic Area Playground GameTime, PowerScape single station climber, Challenge Station, single tower, Item #8533, or equal.	7998°°	1998°
16	1	Lower Walnut Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal.	71000	77000
17	1	Lower Walnut Picnic Area Playground GameTime, 8' classic swing frame add a-bay, Item #P8546, or equal.		420 00
17	2	Lower Walnut Picnic Area Playground GameTime enclosed tot seat with clevis, Item #8695, or equal.	11800	2360
18	2	Lower Walnut Picnic Area Playground GameTime belt seat with clevis, or equal.	61.00	122-20
19	1	Lower Walnut Picnic Area Playground GameTime, Fire Engine Vehicle Climber, Item #7002, or equal.	323500	32350
20	1	Spruce Creek Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal.	233000	23300

# Cabwaylingo State Forest Playground Equipment **PRICING SHEET**

Item No.	Quantity	Description	<b>Unit Price</b>	Amount
21	1	Spruce Creek Area Playground GameTime space module climber, Item #618, or equal.	250000	250000
22	1	Spruce Creek Area Playground GameTime buck-a-bouts, item #243, or equal.	79000	79000
23	2	Spruce Creek Area Playground GameTime saddle mates for buck-a- bout rider, Item #2313, r equal.	1 TRu #	22
24	4	Items For All Four Playgrounds Geo- textile fabric, 2,250 sq. ft. roll, or equal.	21500	8600
25	1	Items For All Four Playgrounds Geo- textile fabric, 1,125 sq. ft. roll, or equal.	135 00	13500
26	9,811 sq. ft.	Items For All Four Playgrounds Certified engineered wood fiber or equal.	868	8437.46 40,94
		TOTAL		40,94

\*Playground Supervision Required



# **PLAYWORLD**

63.2007 Phyworld Systerius, Inc., layworld " is a brand of Phyworld Systerius, I

rapidat- a a cano di rapidat.	Systematic, U.S.		
PROJECT NO: NEV:	DATE: 11-MAY-10		
SYSTEM: CHALLENGERS	scale: 3/16" = 1'-0"		
SITE PLAN	DRAWN SY: PENNY PRATT		

PLAYGROUND SPECIALISTS, INC. 17352 North Seton Ave. Emmitsburg, MD 21727















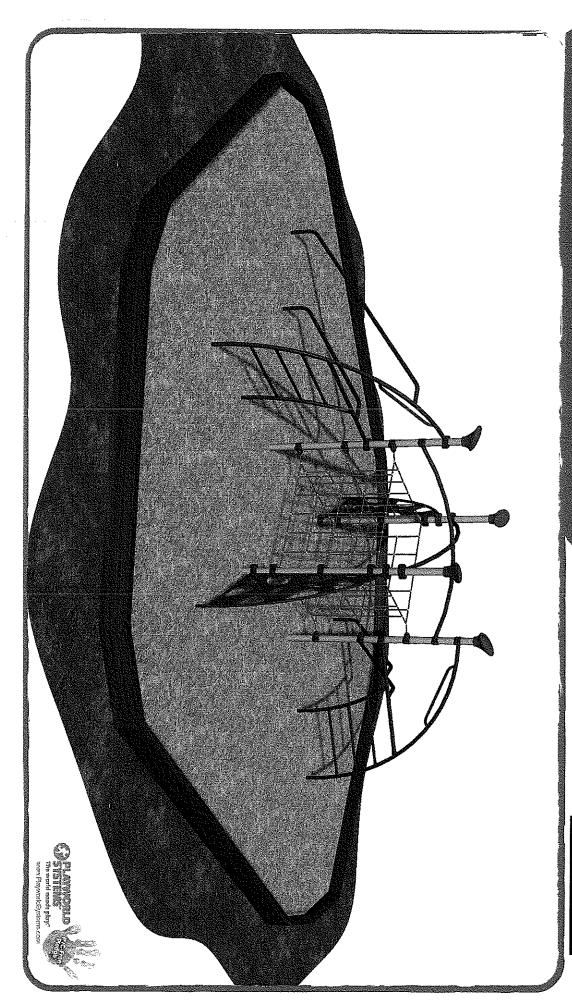


# **CABWAYLINGO STATE FOREST**

DUNLOW, WV

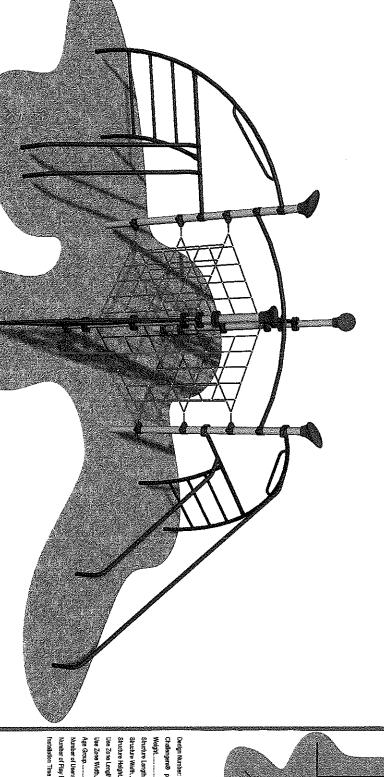
Cabwaylingo State Forest

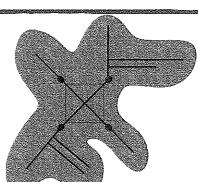




# Cabwaylingo State Forest







Oeelgn Number: 101940.PLS
Challengere@ playerape layout per ASTM F1497-07 / CPSC#925

Structure Length.....

Structure Height...... Use Zone Length...... Use Zone Width...... ......32'4"

Number of Users....





















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### 3.5in x 148in GROUND ZERO POST NO CAP

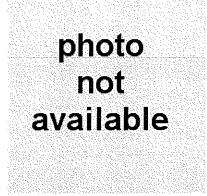
### 3.5 in. Support Post - 13 ga.

Shall be 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)

### Steel Tubing - 3.5 in. OD, 13 ga.

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

### ZZCH0039GZ



\* See Note

Component Number: ZZCH0039GZ
Specification Rev: PA1177
Component Weight: 46.87 Lbs.
Amount of Concrete: 0.18 Yds.
Pre-Consumer Recycle: 0.00 Lbs.
Post-Consumer
Recycle: 14.06 Lbs.

CO2e Footprint:

57.10 Kgs.

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



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### THE CAGE

### 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).

### Casting - 319 Alum.

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.

### Steel Clamp Band

Shall be fabricated from .25 in. zinc plated, hot rolled, pickled and oiled flat steel. Finished with a baked on superduarable polyester powder coating (See Superdurable Polyester Powder Coating).

### Frame w/ band

Shall be an all welded assembly fabricated from 1.90 in . O.D. x 11 gauge galvanized steel tubing and .25 in. zinc plated, hot rolled, pickled and oiled flat steel. Finished with a baked on superduarable polyester powder coating (See Superdurabel Polyester Powder Coating).

### Net/Rope

Shall be made of polyester-coated (polyamid yarns) steel cables. The polyester is abrasion-resistant and color-fast to UV light. The internal steel wires are drawn galvanized. The breaking load of the net is 8.84 ksi (39.34 kN). The rope to rope connecting castings are die-cast from EN-AC-44100 aluminum alloy with a tensile strength of 22 ksi. The ferrules are manufactured of 5051A aluminum alloy with a tensile strength of 26 ksi. The net is completely assembled in a configuration ready for attachment to the frame.

### Steel Tubing - 1.9 in. OD, 11 ga.

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

### **ZZCH8410**



\* See Note

Component Number: ZZCH8410
Specification Rev: ECN1880
Component Weight: 158.91 Lbs.
Number of Users: 8
Pre-Consumer Recycle: 22.10 Lbs.
Post-Consumer Recycle: 42.79 Lbs.

CO2e Footprint: 4,161.30 Kgs.

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



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### THE CRATER ARCH

### 3.5 in. (Wide) Aluminum Clamp Band (w/ Cbl. Con.)

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)

### Frame - Crater Arch

Shall be an all welded assembly fabricated from 1.315 in. outside diameter, 12 gauge galvanized steel tubing; .25 in. hot rolled pickled and oiled flat steel; and 8 gauge galvanized sheet steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

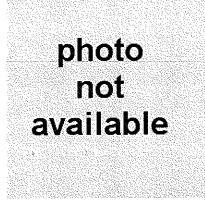
### Plastic Panel - .75 in.

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).

### Steel Tubing - 1.315 in. OD, 12 ga.

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

### **ZZCH8457**



\* See Note

Component Number: ZZCH8457
Specification Rev: PA1177
Component Weight: 79.50 Lbs.
Number of Users: 2
Amount of Concrete: 0.03 Yds.
Pre-Consumer Recycle: 12.53 Lbs.
Post-Consumer Recycle: 12.33 Lbs.
CO2e Footprint: 370.60 Kgs.

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



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### THE LOW ARCH LEFT

### 3.5 in. (Wide) Aluminum Clamp Band (w/ Cbl. Con.)

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)

### Climber - Low Arch

Shall be an all welded assembly of 1.9 in. outside diameter, 13 gauge steel tubing with crimped insert, 1.315 in. outside diameter, 12 gauge steel tubing, 1.029 in. outside diameter; .25 in hot rolled pickled and oiled flat steel; and 1018 cold rolled steel. (See Tubing) Entire assembly shall be finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Banister

Shall be an all-welded assembly fabricated of 1.9 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

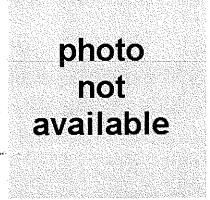
### Steel Tubing - 1.315 in. OD, 12 ga.

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.

### **ZZCH8469**



\* See Note

Component Number: ZZCH8469
Specification Rev: PA1177
Component Weight: 119.43 Lbs.
Number of Users: 3
Amount of Concrete: 0.12 Yds.
Pre-Consumer Recycle: 1.02 Lbs.
Post-Consumer Recycle: 35.92 Lbs.
CO2e Footprint: 342.00 Kgs.

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



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### THE HIGH ARCH RIGHT

3.5 in. (Wide) Aluminum Clamp Band (w/ Cbl. Con.)

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)

### Banister

Shall be an all-welded assembly fabricated of 1.9 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Climber - Low Arch

Shall be an all welded assembly of 1.9 in. outside diameter, 13 gauge steel tubing with crimped insert, 1.315 in. outside diameter, 12 gauge steel tubing, 1.029 in. outside diameter; .25 in hot rolled pickled and oiled flat steel; and 1018 cold rolled steel. (See Tubing) Entire assembly shall be finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

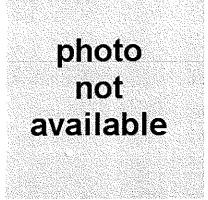
### Steel Tubing - 1.315 in. OD, 12 ga.

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.

### **ZZCH8470**



\* See Note

Component Number: ZZCH8470
Specification Rev: PA1177
Component Weight: 125.55 Lbs.
Number of Users: 3
Amount of Concrete: 0.12 Yds.
Pre-Consumer Recycle: 1.02 Lbs.
Post-Consumer Recycle: 37.76 Lbs.
CO2e Footprint: 353.80 Kgs.

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



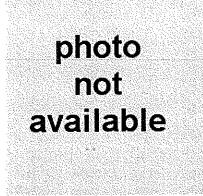
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### THE LOLLICAP

### 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.

### **ZZCH9859**



\* See Note

Component Number: ZZCH9859
Specification Rev: PA1177
Component Weight: 2.53 Lbs.
Pre-Consumer Recycle: 0.00 Lbs.
Post-Consumer Recycle: 0.00 Lbs.
CO2e Footprint: 32.10 Kgs.

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



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# BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL

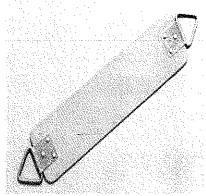
### Chain - 4/0 - galvanized

Shall be 4/0 hot dipped galvanized welded link chain. The chain links are low carbon 1008 steel. 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.

### **ZZXX0260**



\* See Note

Component Number: ZZXX0260
Specification Rev: ECN1836
Component Weight: 8.37 Lbs.
Number of Users: 1
Pre-Consumer Recycle: 2.35 Lbs.
Post-Consumer Recycle: 1.28 Lbs.
CO2e Footprint: 71.30 Kgs.

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



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### FREE-STANDING GLIDE SLIDE (72in DECK)

### Slide Guardrail - freestanding

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)

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)

Barrier Gate - Round Tube -Upper (7 Guage Tab)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing and 7 gauge 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)

Tie Rod - 14 g. w/ inserts

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing (See Tubing). Shall have factory installed crimped threaded inserts at each end. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

### Gasket

Shall be mounted between slide and deck. Shall be made from .375 in. thick neoprene. Shall have an approximate density of 11-13 p.c.f. Shall have a minimum tensile strength of 70 p.s.i. Shall have a maximum water absorption of 5% by weight.

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,

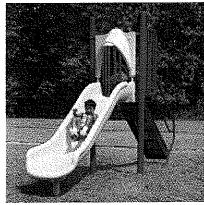
Stair / Ladder Footing Leg

Shall be fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing.) Finished with a polyester powder coating. (See SuperDurable Polyester Powder Coat Finish).

### 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.

### **ZZCH2697**



\* See Note

Component Number:	ZZCH2697
Specification Rev:	ECN1508
Component Weight:	452.63 Lbs.
Number of Users:	4
Amount of Concrete:	0.33 Yds.
Pre-Consumer Recycle:	8.38 Lbs.
Post-Consumer Recycle:	90.58 Lbs.
CO2e Footprint:	1,247.10 Kgs.

3.5 in. Support Post with End Cap

Shall be fabricated of 3.5 in. Outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Shall have a factory installed 319 type aluminum alloy end cap secured with drive rivets. 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.

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



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# 5in OD ALUMINUM ARCH TIRE SWING W/SILVER SHIELD CHAIN

### Tire Mounting Strap

Shall be fabricated of .375 in. outside diameter cold rolled steel. Finished with a zinc coating.

### Swing Tire

Shall be a 205/75 D15 nylon belted tire. Steel belted tires are not acceptable.

### Backup Washer

Shall be a 2.5 in. (64mm) outside diameter, steel flat washer

### 5 in. Arch Post - Alum.

Shall be an all welded assembly fabricated of 5 in. outside diameter, .125 in. wall extruded 6061-T6 aluminum alloy tubing. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Tire Swing Top Rail

Shall be an all welded assembly fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing; and 8 gauge galvanized flat steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Tire Swing Swivel Assembly

Shall be a factory assembly which shall be fabricated of the following materials: a steel universal joint, neoprene bellows, oilite bronze bushings, a grease fitting, hardware (see Hardware), a tire swing swivel pin fabricated of grade 5 forged steel, and a swivel hub weldment. The swivel hub weldment shall be an all welded assembly fabricated of .375 in. round cold rolled steel and 2 in. diameter, 1215 round cold rolled steel. Shall be greased at factory after assembly process.

### 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.

### Steel Tubing - 5 in. OD, 11 ga.

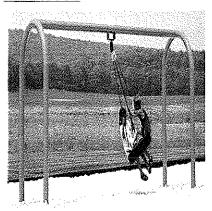
Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

### Aluminum Tubing - 5 in. OD, .125 in. W

Shall be 6061-T6 alloy tubing having a Tensile strength of 38,000 psi. and a Yield strength of 35,000 psi. (See Tubing).

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

### **ZZXX0302**



\* See Note

000 11010	
Component Number:	ZZXX0302
Specification Rev:	ECN1829
Component Weight:	253.57 Lbs.
Number of Users:	3
Amount of Concrete:	0.50 Yds.
Pre-Consumer Recycle:	2.70 Lbs.
Post-Consumer Recycle:	66.35 Lbs.
_	1.365.10



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### 8ft 2-UNIT HEAVY DUTY SWING

### 3.5 in. Swing Top Rail

Shall be 3.5 in. outside diameter, 8 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. Finished with a baked on polyester powder coating<sup>™</sup>. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: A-315, A-500, and A-513. Support posts shall carry a factory-applied marker to indicate the level of protective surfacing material to be maintained.

Swing Top Rail / Leg

Shall be 2.375 in. outside diameter, 10 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: A-315, A-500, and A-513. Support posts shall carry a factory-applied marker to indicate the level of protective surfacing material to be maintained. (See Protective Surfacing Specifications)

End Yoke - heavy duty

An all-welded assembly fabricated of 2.875 in. outside diameter, 8 gauge galvanized steel tubing and 2.375 in. outside diameter, 8 gauge galvanized steel tubing. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

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)

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 - 2.375 in. OD, 12 ga.

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

Steel Tubing - 2.875 in. O.D., 8 ga.

Minimum yield strength shall be 50,000 psi. with a maximum tensile

### **ZZXX0270**



\* See Note

Component Number: ZZXX0270
Specification Rev: ECN1034
Component Weight: 321.52 Lbs.
Amount of Concrete: 0.78 Yds.
Pre-Consumer Recycle: 0.00 Lbs.
Post-Consumer Recycle: 90.69 Lbs.
CO2e Footprint: 552.80 Kgs.

strength at least 13% higher. Material ASTM Designation: A1011/A 1011/M Ola Commerical Steel CS Type B Mn content 0.6% max. Carbon Content (0.07 to 0.11) % vs. (0.02 to 0.15) % per ASTM Specs.

Steel Tubing - 3.5 in. OD, 8 ga.
Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

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



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### 8ft HEAVY DUTY SWING ADD-A-BAY

### 3.5 in. Swing Top Rail

Shall be 3.5 in. outside diameter, 8 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. Finished with a baked on polyester powder coating<sup>™</sup>. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: A-315, A-500, and A-513. Support posts shall carry a factory-applied marker to indicate the level of protective surfacing material to be maintained.

### Center Yoke

An all-welded assembly fabricated of 2.875 in. outside diameter, 8 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### 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)

### Swing Top Rail / Leg

Shall be 2.375 in. outside diameter, 10 gauge galvanized steel tubing. Tubing shall have a zinc-rich paint interior coating. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: A-315, A-500, and A-513. Support posts shall carry a factory-applied marker to indicate the level of protective surfacing material to be maintained. (See Protective Surfacing Specifications)

### Steel Tubing - 2.375 in. OD, 10 ga.

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

### Steel Tubing - 2.875 in. O.D., 8 ga.

Minimum yield strength shall be  $5\overline{0}$ ,000 psi. with a maximum tensile strength at least 13% higher. Material ASTM Designation: A1011/A 1011/M Ola Commerical Steel CS Type B Mn content 0.6% max. Carbon Content (0.07 to 0.11) % vs. (0.02 to 0.15) % per ASTM Specs.

### Steel Tubing - 3.5 in. OD, 8 ga.

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

### **ZZXX0232**



\* See Note

Component Number: ZZXX0232
Specification Rev: ECN1034
Component Weight: 164.42 Lbs.
Amount of Concrete: 0.26 Yds.
Pre-Consumer Recycle: 0.00 Lbs.
Post-Consumer Recycle: 43.59 Lbs.
CO2e Footprint: 333.70 Kgs.

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



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### **WAVE RIDER SEE-SAW**

### Base Plate

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

### Foot Rest - Wave Rider

Shall be an all welded assembly, fabricated of 3/16" hot rolled galvanized steel, .50 in. round cold rolled steel, and .25 in. zinc plated, hot rolled flat steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Support Beam - Wave Rider

Shall be an all welded assembly of 3 in. x 5 in. x .125 in. hot rolled, pickled and oiled rectangular steel tubing, .188 in. x 3 in. hot rolled, pickled and oiled flat steel, and 8 gauge hot rolled pickled and oiled steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Seat - Wave Rider

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

### Spring Retainer

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.

### Spring - 5.625"

Shall be a compression cylinder, CEG, 5160H, round. Wire diameter shall be .8125 in. Coil to have an outside diameter of 5.625 in. with a free length of 13.75 in. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### **ZZXX0650**



\* See Note

**ZZXX0650** Component Number: Specification Rev: **ECN667** 167.37 Lbs. Component Weight: Number of Users: 2 0.07 Yds. Amount of Concrete: 10.86 Lbs. **Pre-Consumer Recycle:** Post-Consumer Recycle: 74.31 Lbs. 394.40 Kgs. CO2e Footprint:

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



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### CAR SPRING RIDER

### Casting - Spring Wedge

Cast of regular 535 (-F) almag aluminum. Ultimate tensile strength shall be 35 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.

### Bracket - Spring Rider

Shall be fabricated from 12 gauge hot rolled pickled and oiled steel. Ultimate tensile strength shall be 30-60 ksi method A370. Must meet ASTM 1011 standard. Shall be fabricated from low carbon steel. Ultimate tensile strength shall be 60,000 psi. Yield strength shall be 30,000 psi. Plating Mil F 140272 D. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Bracket - 8 ga.

Shall be fabricated of 8 gauge hot rolled galvanized steel. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

### Plate - 7 GA

Shall be fabricated from 7 guage galvanized hot rolled pickled and oiled flat steel. 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.

### Spring - 400 mm

Shall be manufactured from stainless steel 20 mm diameter wire. Shall have an outside diameter of 180 mm Coil direction shall be right-handed. Complies to ASTM A-227 / A-227M-90 standard specifications for steel wire, cold drawn for mechanical springs.

### Plastic Panel - .5 in.

Shall be fabricated of .50 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).

### 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

### **ZZXX0555**



\* See Note

Component Number: ZZXX0555
Specification Rev: ECN1867
Component Weight: 84.30 Lbs.
Number of Users: 1
Pre-Consumer Recycle: 9.01 Lbs.
Post-Consumer Recycle: 26.59 Lbs.
CO2e Footprint: 530.20 Kgs.

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 Seat

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

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



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### **HORSE SPRING RIDER**

### Spring - C

Shall be fabricated of .3125 in. x 4 in. hot rolled steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Plate - 7 GA

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

### Plate - 7 Ga. And 14 Ga

Shall be fabricated from 7 guage galvanized hot rolled flat steel and 14 guage galvanized hot rolled flat steel. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### Bracket - 12 Ga./16 Ga.

Shall be fabricated of 12 gauge galvanized steel and 16 gauge galvanized tubing. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### Bracket - Rider Head

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 16 gauge galvanized tubing; and 14 gauge galvanized steel. (See Tubing). Finished with a baked on polyester powder coating. (See Polyester Powder Coat Finish)

### Plate - 12 gauge

Shall be fabricated from 12 guage galvanized steel. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### 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.

### **ZZXX0563**



\* See Note

Component Number: ZZXX0563
Specification Rev: ECN1867
Component Weight: 49.03 Lbs.
Number of Users: 1
Pre-Consumer Recycle: 1.43 Lbs.
Post-Consumer Recycle: 5.70 Lbs.
CO2e Footprint: 275.70 Kgs.

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



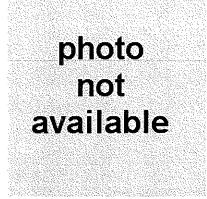
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### **C - SPRING RIDER FOOTER FRAME**

### Footing - C Spring Rider

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 outside diameter, 14 gauge galvanized steel; and 7 gauge hot rolled pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

### **ZZXX0496**



\* See Note

Component Number: ZZXX0496
Specification Rev: ECN1867
Component Weight: 19.82 Lbs.
Amount of Concrete: 0.07 Yds.
Pre-Consumer Recycle: 0.00 Lbs.
Post-Consumer Recycle: 5.86 Lbs.
CO2e Footprint: 26.70 Kgs.

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



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### **INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL**

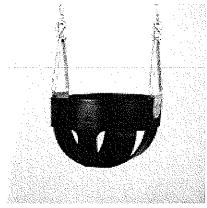
### Chain - 4/0 - galvanized

Shall be 4/0 hot dipped galvanized welded link chain. The chain links are low carbon 1008 steel. 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.

### **ZZXX0265**



\* See Note

Component Number: ZZXX0265
Specification Rev: ECN1836
Component Weight: 11.31 Lbs.
Number of Users: 1
Pre-Consumer Recycle: 1.76 Lbs.
Post-Consumer Recycle: 0.96 Lbs.
CO2e Footprint: 128.90 Kgs.

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



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### FREDDY FIRETRUCK (RIGID MOUNT)

### Arrow Knob Handle / Handle

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.

Bracket - 11 ga. Galv.

Shall be fabricated of 11 gauge galvanized steel. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

### Handle/Handhold

Shall be an fabricated of 1.029 in. Outside diameter, 14 gauge galvanized steel tubing. Shall have crimped in threaded inserts with a thread locking material applied to the threads. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Frame - Action Vehicle (new)

Shall be an all-welded assembly fabricated of 1 in. x 2 in. x 16 gauge galvanized rectangular steel tubing and 11 gauge hot rolled pickled and oiled flat steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### Frame - Arch

Shall be an all-welded assembly fabricated of 1 in. x 2 in. x 16 gauge galvanized rectangular steel tubing and .1875 in. hot rolled pickled and oiled flat steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

### 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)

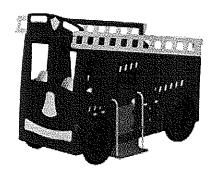
Ball Bearing - .313 in. Dia.

Shall be .313 in. diameter and be manufactured of AISI 440-C stainless steel, hardened to RC 58-65.

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.

### **ZZXX**0621



\* See Note

Component Number:	ZZXX0621
Specification Rev:	PA0932
Component Weight:	674.36 Lbs.
Number of Users:	9
Amount of Concrete:	0.12 Yds.
Pre-Consumer Recycle:	108.42 Lbs.
Post-Consumer Recycle:	81.44 Lbs.
CO2e Footprint:	2,432.10 Kas.

### Label - Vinyl

Design shall be printed on pressure sensitive white vinyl with fade resistant inks. Shall have a P-12 adhesive backing. Printed design shall be laminated with .5 mil clear mylar for weather resistance.

### Plastic Panel - .5 in.

Shall be fabricated of .50 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).

### 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 Wheel

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

### Coated Vehicle Stair

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Stair tread shall have .34 in. (9mm) perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

### 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)

### Steel Tubing - 1 in. x 2 in. Rect., 14 ga.

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

### Steel Tubing - 1.029 in. OD, 14 ga.

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

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





Sports Down We put the value in play!

2010 Playground and Recreation Products

Date:

### State of West Virginia

# **VENDOR PREFERENCE CERTIFICATE**

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

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1.	Application is made for 2.5% resident vendor preference for the reason checked:  Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the data of this postification; or				
	ing the date of this certification; <b>or</b> ,  Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; <b>or</b> ,  Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; <b>or</b> ,				
2.	Application is made for 2.5% resident vendor preference for the reason checked:  Bidder is a resident vendor who certifies that during the life of the contract, on average at least 75% of the employees				
	working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,				
3.	Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,				
4.	Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,				
5.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,				
6.	Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.				
require against or dedu	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency acted from any unpaid balance on the contract or purchase order.				
authori the req deeme	mission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and zes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid uired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information d by the Tax Commissioner to be confidential.				
	penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate es during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.				
Bidder: PLAY GROUND SPECALISTS TOR Signed: SALLS MANAGEL					
Data	5/12/2010 Title: SAUS MANAGEL				

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

RFQ No DNR210178

### STATE OF WEST VIRGINIA Purchasing Division

### **PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: 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

### **DEFINITIONS:**

WITNESS THE FOLLOWING SIGNATURE

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon

'Debtor' means any individual, corporation, partnership, association, limited fiability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

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

Vendor's Name: PLAY GROUND SPEC	INLISTS IN	L		
· C/_ 'C	00	Date:	1/12/20	5/0
Authorized Signature:		Date	1 /-	
State of Mary LAND	U			
County of FREDERIER, to-wit:	<i>16</i> .			
Taken, subscribed, and sworn to before me this /2*	day of MAY		, 20 <u><b>1</b></u> O	
My Commission expires	, 20 <u>13</u> . ′		$\sim$	^
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