



SEND TO
 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 |
| DNR209114 |

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| PAGE |
| 1 |

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

VENDOR
 *A09113539 804-798-6842
 VIRGINIA PLAYGROUND SERVICES I
 14276 RIVERSIDE DR

 ASHLAND VA 23005

SHIP TO
 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 |
| 04/21/2009 | | | | |

BID OPENING DATE: **05/26/2009** BID OPENING TIME **01:30PM**

| LINE | QUANTITY | UOP | CAT NO | ITEM NUMBER | UNIT PRICE | AMOUNT |
|--|----------|-----|--------|-------------|------------|-------------------------------|
| 0001 | 1 | LS | | 650-38 | | \$ 37,744⁰⁰ |
| PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED) | | | | | | |
| <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FROM RESPONSIBLE VENDORS TO PROVIDE PLAYGROUND EQUIPMENT FOR CABWAYLINGO STATE FOREST PER THE ATTACHED SPECIFICATIONS.</p> <p>A MANDATORY PRE-BID MEETING WILL BE HELD ON MAY 6, 2009 AT 10:00 AM AT THE PARK HEADQUARTERS. FAILURE TO ATTEND THE MANDATORY MEETING WILL RESULT IN BID DISQUALIFICATION. AN INDIVIDUAL MAY NOT REPRESENT MORE THAN 1 (ONE) FIRM AT THE MANDATORY PRE-BID MEETING.</p> <p>TECHNICAL QUESTIONS MAY BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR TECHNICAL QUESTIONS IS 05/07/09 @ 3:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT</p> | | | | | | |

RECEIVED

2009 JUN -3 P 9:51

PURCHASING DIVISION
STATE OF WV

| | | | |
|---|--------------|-----------------------------------|--|
| SEE REVERSE SIDE FOR TERMS AND CONDITIONS | | | |
| SIGNATURE | TELEPHONE | DATE | |
| <i>M. M. Benedict</i> | 304-249-2158 | 6-01-09 | |
| TITLE | FEIN | ADDRESS CHANGES TO BE NOTED ABOVE | |
| <i>Asst</i> | | | |

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



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VENDOR

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 VIRGINIA PLAYGROUND SERVICES I
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 ASHLAND VA 23005

SHIP TO

DIVISION OF NATURAL RESOURCES
 CABWAYLINGO STATE FOREST
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 85
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| 04/21/2009 | | | | |

BID OPENING DATE: 05/26/2009 BID OPENING TIME 01:30PM

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|---|----------|-----|--------|-------------|------------|--------|
| <p>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.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>RFQ. NO.: DNR209114</p> <p>BID OPENING DATE: 05/26/09</p> <p>BID OPENING TIME: 1:30 PM</p> | | | | | | |

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

VENDOR

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**VIRGINIA PLAYGROUND SERVICES I
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| <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <i>434 296 3289</i></p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): <i>JIM BENEDICT 434 2492158</i></p> <p>***** THIS IS THE END OF RFQ DNR209114 ***** TOTAL: <i>\$ 37,744.00</i></p> <p><i>WE ACKNOWLEDGE ALL AND ANY CORRESPONDENCE</i></p> | | | | | | |

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|-----------|------|-----------------------------------|--|------|
| SIGNATURE | | TELEPHONE | | DATE |
| TITLE | FEIN | ADDRESS CHANGES TO BE NOTED ABOVE | | |

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WVDNR209114**Cabwaylingo State Forest Playground Specifications**

To provide playground equipment at Cabwaylingo State Forest in Dunlow, West Virginia and offer play and physical activity for children ages five (5) to twelve (12). Playground equipment will be purchased for four (4) separate areas in the park. Park personnel will install all playground equipment. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources. All items are to be F.O.B. Destination. Freight or delivery charges must be included in the price of the goods. Delivery must be made within sixty (60) days of purchase order award.

Long Branch Picnic Area Playground

GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. Slide must be a minimum of 6' in height; must have a top platform enclosed with metal bars; and steps to platform must have hand railings.

GameTime the whirl (Merry-Go-Round), Item #919, or equal. Equipment must have four metal u-shaped handrails on a one-piece platform with a hydraulic speed limit; and must have concealed fastener style hardware.

GameTime tire swing (one bay), Item #1077, or equal. Swing top rail must be a minimum height of 6'8"; and swing bay must be composed of galvanized steel uprights and top rail.

GameTime 8' classic swing frame, Item #P8542, or equal. Swing base must have a minimum of 2 3/8" OD top rail and legs; must be constructed of a minimum of 13 gauge galvanized pipe; and must be powder coated.

GameTime 8' classic swing frame add-a-bay, Item #P8546, or equal. Frame must have a minimum of 2 3/8" OD top rail and legs; and must be an "A" frame style.

GameTime enclosed tot seat with clevis, Item #8695, or equal. Seat must include galvanized chain and hardware for a minimum of a 2 3/8" swing frame.

Crum/Morgan Area Playground

GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. Slide must be a minimum of 6' in height; must have a top platform enclosed with metal bars; and must have steps to platform must have hand railings.

WVDNR209114**Cabwaylingo State Forest Playground Specifications**

GameTime buck-a-bouts, Item #243, or equal. Buck-a-bouts must have a minimum of two (2) seats with rubber springs; each seat must metal footings for both feet; and must have a U-shaped handrail (saddle seat).

GameTime saddle mates for buck-a-bout rider, Item #2313, or equal. Seats must be metal with hand holders.

GameTime cruisin mates desert commando car, Item #6058, or equal. Car must have a minimum of two (2) spring mounts; must have handholds constructed of a minimum of 1 1/6" OD galvanized pipe and a minimum of 3/16" thick flat steel; and must have a powder coat finish.

GameTime adventure mate, dinosaur rider, Item #6051, or equal. Rider must be mounted with a minimum of three (3) spring bases; and must have galvanized steel plate mounting.

GameTime in-ground mount package for the dinosaur spring mate, Item #6065, or equal.

Lower Walnut Picnic Area Playground

GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. Slide must be a minimum of 6' in height; must have a top platform enclosed with metal bars; and steps to platform must have hand railings.

GameTime PowerScape single station climber, Challenge Station, single tower, Item #8533, or equal. Station must be a minimum of 6' 4" in height; and must be composed of metal climbing stations, platform, and supports. Unit must include a cosmix climber or equal; climber must have a minimum of two openings for feet and a minimum of six openings for hands.

GameTime 8' classic swing frame, Item #P8542, or equal. Swing base must have a minimum of 2 3/8" OD top rail and legs; must be constructed of a minimum of 13 gauge galvanized pipe; and must be powder coated.

GameTime, 8' classic swing frame add-a-bay, Item #P8546, or equal. Frame must have a minimum of 2 3/8" OD top rail and legs; and must be an "A" frame style.

Game Time enclosed tot seat with clevis, Item #8695, or equal. Seat must include galvanized chain and hardware for a minimum of a 2 3/8" swing frame.

WVDNR209114

Cabwaylingo State Forest Playground Specifications

GameTime fire engine vehicle climber, Item #7002, or equal. Climber must have a deck height a minimum of 2' from ground; must be constructed of polyethylene molding; and must include steel hardware.

Spruce Creek Area Playground

GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. Slide must be a minimum of 6' in height; must have a top platform enclosed with metal bars; and must have steps to platform must have hand railings.

GameTime space module climber, Item #618, or equal. Freestanding climber must have a minimum of two (2) center posts; and must include rails surrounding the inside of the top and bottom platform.

GameTime buck-a-bouts, Item #243, or equal. Buck-a-bouts must have a minimum of two (2) seats with rubber springs; each seat must metal footings for both feet; and a U-shaped handrail (saddle seat).

GameTime saddle mates for buck-a-bout rider, Item #2313, or equal. Seats must be metal with hand holders.

ITEMS FOR ALL FOUR PLAYGROUNDS

Geo-textile fabric, 2,250 sq. ft. roll, or equal. Fabric must provide a water permeable separation between the earth and the wood fiber and at least 150 gallons per square foot per minute.

Game Time, Geo-Textile Fabric, 1,125 sq. ft. roll, or equal. Fabric rolls provide a water permeable separation between the earth and the wood fiber. 150 gallons per square foot per minute.

Certified engineered wood fiber or equal. Material must be recently harvested and debarked; free of chemical treatments and additives; free of soil, twigs, leaves and other contaminates.

WVDNR209114 Cabwaylingo State Forest Playground Specifications

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

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

SEE ENCLOSED LETTER

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

Warranties:

- OK* • 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.

Color scheme of equipment must be coordinated with Cabwaylingo State Forest. Color of items will be selected from manufacturer's standard colors.

A mandatory pre-bid conference will be held on May 6, 2009, at Cabwaylingo State Forest Headquarters at 10:00 a.m. A failure to attend the mandatory pre-bid conference will result in bid disqualification. An individual may not represent more than one firm at the pre-bid conference.

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.

AS EQUAL BID WITH LITTLE TIKES = LTC

| Item No. | Equipment | Manufacturer | Item |
|----------|---|----------------------------------|-----------|
| 1 | Long Branch Picnic Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal. | LITTLE TIKES LTC EQUIPMENT | CATALOGUE |
| 2 | Long Branch Picnic Area Playground Game Time the whirl (Merry-Go-Round), Item #919, or equal. | LTC MIRACLE PLAY POWER LTC | CATALOGUE |
| 3 | Long Branch Picnic Area Playground Game Time tire swing (one bay), Item #10777, or equal. | LTC SWING | CATALOGUE |
| 4 | Long Branch Picnic Area Playground Game Time 8' classic swing frame, Item #P8542, or equal. | LTC SWING | CATALOGUE |
| 5 | Long Branch Picnic Area Playground Game Time, 8' classic swing frame add-a-bay, Item #P8546, or equal. | LTC SWING | CATALOGUE |
| 6 | Long Branch Picnic Area Playground Game Time enclosed tot seat with clevis, Item #8695, or equal. | LTC BUCKET SEATS | CATALOGUE |
| 7 | Crum/ Morgan Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal. | LTC - SLIDE | CATALOGUE |
| 8 | Crum/ Morgan Area Playground Game Time buck-a-bouts, Item #243, or equal. DRAGONFLY | LTC - VPS BUCK A BOUT | CATALOGUE |
| 9 | Crum/ Morgan Area Playground Game Time saddle mates for buck-a-bout rider, Item #2313, or equal. | LTC - VPS SADDLE SEATS | CATALOGUE |

WVDNR209114
 Cabwaylingo State Forrest
PLAYGROUND EQUIPMENT SHEET

| Item No. | Equipment | Manufacturer | Item |
|----------|--|--------------|------|
| 10 | Crum/ Morgan Area Playground GameTime cruisin mates desert commando car, Item #6058, or equal. | LTC | C |
| 11 | Crum/ Morgan Area Playground GameTime adventure mate, dinosaur rider, Item #6051, or equal. | LTC | C |
| 12 | Crum/ Morgan Area Playground GameTime in-ground <u>mount package</u> for the dinosaur spring mate, Item #6065, or equal. | LTC | C |
| 13 | Lower Walnut Picnic Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. | LTC SLIDE | C |
| 14 | Lower Walnut Picnic Area Playground GameTime, PowerScape single station climber, Challenge Station , single tower, Item #8533, or equal. <u>TIKES STEEL</u> | LTC | C |
| 15 | Lower Walnut Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal. | LTC | C |
| 16 | Lower Walnut Picnic Area Playground GameTime, 8' classic swing frame add-a- bay, Item #P8546, or equal. | LTC | C |
| 17 | Lower Walnut Picnic Area Playground GameTime enclosed tot seat with clevis, Item #8695, or equal. | LTC | C |
| 18 | Lower Walnut Picnic Area Playground GameTime, Fire Engine Vehicle Climber, Item No. 7002 or Equal. | LTC | C |
| 19 | Spruce Creek Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. | LTC | C |

WVDNR209114
Cabwaylingo State Forrest
PLAYGROUND EQUIPMENT SHEET

| Item No. | Equipment | Manufacturer | Item |
|----------|---|-----------------------------|----------------------------|
| 20 | Spruce Creek Area Playground GameTime space module climber, Item #618, or equal. <i>TIPES STEEL</i> | <i>LTC</i> | <i>C</i> |
| 21 | Spruce Creek Area Playground GameTime buck-a-bouts, Item #243, or equal. | <i>LTC</i> | <i>C</i> |
| 22 | Spruce Creek Area Playground GameTime saddle mates for buck-a- bout rider, Item #2313, r equal. | <i>LTC</i> | <i>C</i> |
| 23 | Items For All Four Playgrounds Geo- textile fabric, 2,250 sq. ft. roll, or equal. | <i>LTC/PROFEX</i> | <i>GEOTEX FABRIC</i> |
| 24 | Items For All Four Playgrounds Geo- textile fabric, 1,125 sq. ft. roll, or equal. | <i>LTC/PROFEX</i> | <i>GEOTEX FABRIC</i> |
| 25 | Items For All Four Playgrounds Certified engineered wood fiber or equal. | <i>LTC/ZEASER BRAND</i> | <i>WOOD CARPET EWF</i> |

Cabwaylingo State Forest Playground Equipment
PRICING SHEET

| Item No. | Quantity | Description | Unit Price | Amount |
|----------|----------|---|--------------------|-------------------|
| 1 | 1 | Long Branch Picnic Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal. | | 3280- |
| 2 | 1 | Long Branch Picnic Area Playground Game Time the whirl (Merry-Go- Round), Item #919, or equal. | | 3900- |
| 3 | 1 | Long Branch Picnic Area Playground Game Time tire swing (one bay), Item #10777, or equal. | | 1650- |
| 4 | 1 | Long Branch Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal. | | 750- |
| 5 | 1 | Long Branch Picnic Area Playground GameTime, 8' classic swing frame add- a-bay, Item #P8546, or equal. | | 535- |
| 6 | 2 | Long Branch Picnic Area Playground Game Time enclosed tot seat with clevis, Item #8695, or equal. | 95 | 190 ⁰⁰ |
| 7 | 1 | Crum/ Morgan Area Playground Game Time freestanding stainless steel straight chuters slide, Item #8681, or equal. | | 3100- |
| 8 | 2 | Crum/ Morgan Area Playground GameTime buck-a-bouts, Item #243, or equal. DRAGON FLY | 1100 ⁰⁰ | 2200- |
| 9 | 4 | Crum/ Morgan Area Playground GameTime saddle mates for buck-a- bout rider, Item #2313, r equal. | | 4- |
| 10 | 1 | Crum/ Morgan Area Playground GameTime cruisin mates desert commando car, Item #6058, or equal. 2 SEAT BEE | | 540- |
| 11 | 1 | Crum/ Morgan Area Playground GameTime adventure mate, dinosaur rider, Item #6051, or equal. 2 SEAT GRASS HOPPER | | 530- |

**Cabwaylingo State Forest Playground Equipment
PRICING SHEET**

| Item No. | Quantity | Description | Unit Price | Amount |
|----------|----------|--|-----------------|--------------------|
| 12 | | Crum/ Morgan Area Playground GameTime in-ground mount package for the dinosaur spring mate, Item #6065, or equal. | | 505 ⁰⁰ |
| 13 | 1 | Lower Walnut Picnic Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. | | 3280 ⁻ |
| 14 | 1 | Lower Walnut Picnic Area Playground GameTime, PowerScape single station climber, Challenge Station, single tower, Item #8533, or equal. TIRES OF STEEL | | 1750 ⁰⁰ |
| 15 | 1 | Lower Walnut Picnic Area Playground GameTime 8' classic swing frame, Item #P8542, or equal. | | 750 ⁻ |
| 16 | 1 | Lower Walnut Picnic Area Playground GameTime, 8' classic swing frame add- a-bay, Item #P8546, or equal. | | 350 ⁻ |
| 17 | 2 | Lower Walnut Picnic Area Playground GameTime enclosed tot seat with clevis, Item #8695, or equal. | 95 ⁻ | 190 ⁻ |
| 18 | 1 | Lower Walnut Picnic Area Playground GameTime, Fire Engine Vehicle Climber, Item #7002, or equal. | | 1340 ⁻ |
| 19 | 1 | Spruce Creek Area Playground GameTime freestanding stainless steel straight chuters slide, Item #8681, or equal. | | 3100 ⁻ |
| 20 | 1 | Spruce Creek Area Playground GameTime space module climber, Item #618, or equal. TIRES STEEL | | 1750 |
| 21 | 4 | Items For All Four Playgrounds Geo- textile fabric, 2,250 sq. ft. roll, or equal. | | 1300 ⁻ |
| 22 | 1 | Items For All Four Playgrounds Geo- textile fabric, 1,125 sq. ft. roll, or equal. | | 200 ⁻ |

Cabwaylingo State Forest Playground Equipment
PRICING SHEET

| Item No. | Quantity | Description | Unit Price | Amount |
|----------|---------------|--|------------|-----------------|
| 23 | 9,811 sq. ft. | Items For All Four Playgrounds Certified engineered wood fiber or equal. | | 5950- |
| | | TOTAL | | \$ 37744 |

THIRTY SEVEN THOUSAND
SEVEN HUNDRED FORTY FOUR DOLLARS.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: VIRGINIA PLAYGROUND SERVICES - LITTLE TIKES COMMERCIAL
Authorized Signature: [Signature] Date: 6-01-09



Va. Playground Services
 Little Tikes Commercial Equipment
 Jim Benedict P.O. 1494
 1607 East Market Street
 Charlottesville, VA. 22902
jim@vaplaygrounds.com
 434 249 2158 (cell)
 434 296 3289 (fax)



Frank Whittaker
 Purchasing Division
 State of West Virginia.
 Department of Administration
 2019 Washington St.
 Charleston, WV 25305

RE. DNR Playground RFP

To whom it may concern,

This letter and supporting bid documents represent our reply and price quote for the DNR Playground RFP for the referenced park site. We are quoting "as equal and better" to the specifications and item list indicated in this RFP. Our product is manufactured by Little Tikes Commercial factory, hereafter "LTC". This bid is offered by the factory by and thru the local WV agent Va. Playground Services. We state that we comply fully with all requirements for ASTM 1487 and CPSC 325 and ADA and IPEMA third party guidelines. We have attempted to meet the specifications and stated requirements and drawings showing play events. Plan views and 3D renderings are attached. Our actual items list has been notated to indicate our intended "as equal and better" LTC equipment in place of vendor named in specs. Our post system is 3.5 inch OD uprights. Our swing arch posts are 5 inch OD and the support beam is 3.5 inch OD. Our Attachments are direct bolt. Our posts are 3.5 inch steel, prepared and powder coated in the colors requested. Some upright posts are not aluminum, but are heavy duty OD diameter steel, and powder coated steel with extra epoxy coating. Our posts offer 100 year warranty against defects. Recent equipment industry standards recommend this heavy duty steel in order to meet the demand for strength, durability, and low maintenance over time. We ask you to please review all attachments in support of our full compliance for this RFP.

With regards,

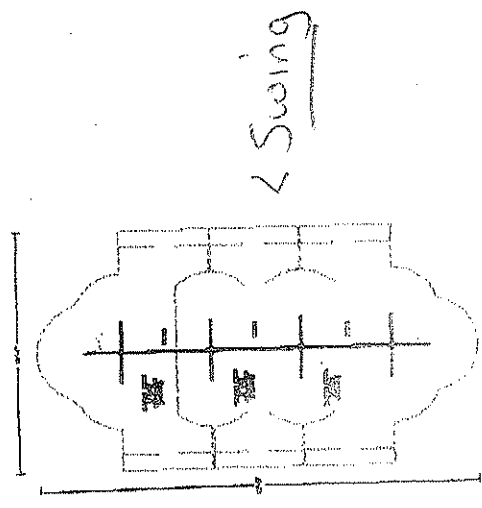
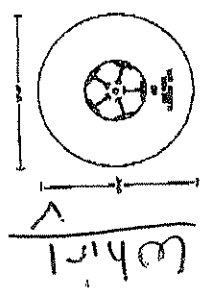
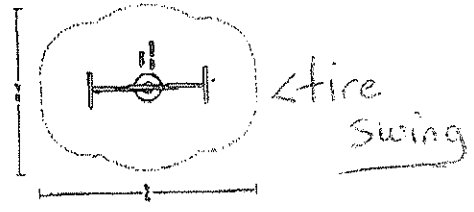
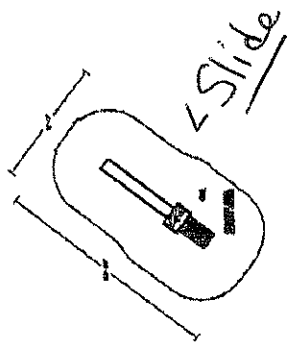
M James Benedict, agent
 Va Playground Services and LTC

* FREE STANDING SLIDES
 ARE STAINLESS SLIDE CHUTES

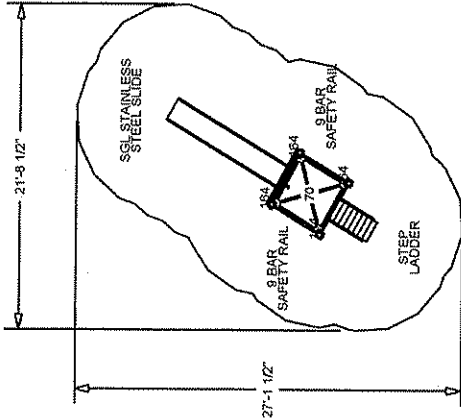
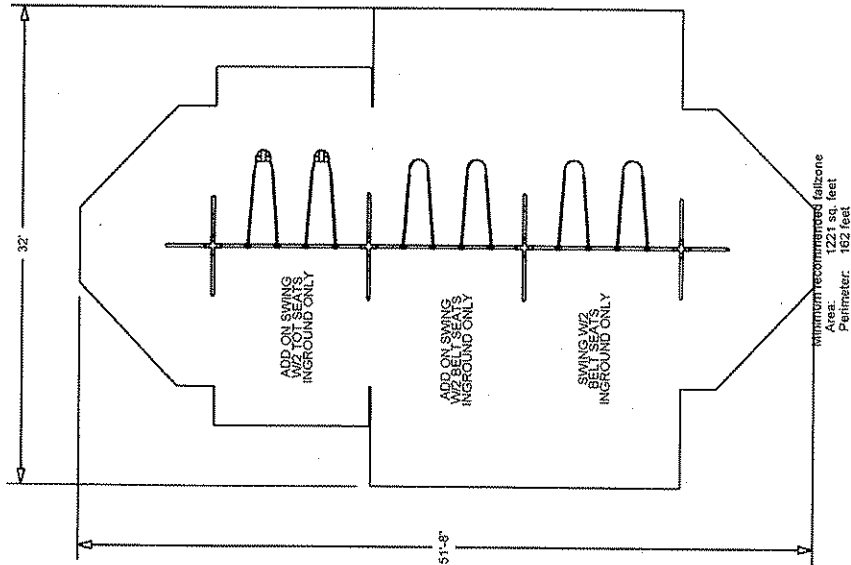
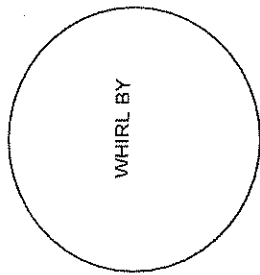
PRICE LIST
 NOTE
 ITEM 8
 ITEM 15-16

YOUR RFP SPECIFICATIONS AND RFD
 THE DRAWINGS DO NOT EXACTLY MATCH UP.
 — LOOK AT 3 BAY SWINGS ON DRAWING
 — LOOK AT BUCKA BOLT ON DRAWING
 — AND SEE PRICE SHEET ITEM LISTING

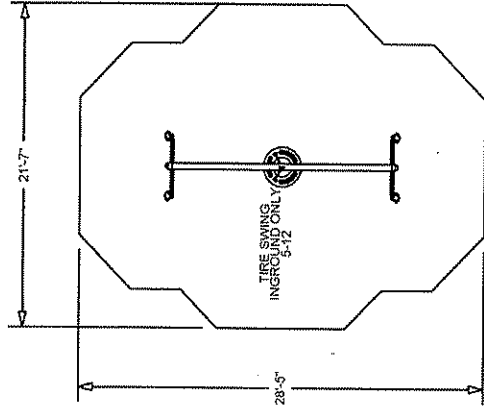
(Long Branch Picnic Area)



DRAFT IMAGE ONLY
MUST BE
VALIDATED TO STANDARDS



Minimum recommended fallzone Area: 95 sq. feet Perimeter: 78 feet



Minimum recommended fallzone Area: 500 sq. feet Perimeter: 85 feet

NOTES

- Scale: 1/8"=1'
- The Americans with Disabilities Act requires that you make your park/playground accessible when viewed in its entirety. Please consult your legal counsel to determine if the ADA applies to you.
- For playground equipment to be accessible, the accessible surfacing must be utilized in applicable areas.
- Although a particular playground design may not meet the proposed Access Board Regulations in regards to the appropriate number of slides, the actual playground may be in compliance when considering existing play components.
- All deck heights are measured from top of ground cover.
- All absorbing ground cover is to be used around all play equipment.
- The minimum recommended fall zone around the entire play structure is shown. This zone is to be free of all tripping or collision hazards (i.e. roots, rocks, etc.).
- All post heights are identified by text showing the post lengths. I.e. 86 represents a 86 inch post.
- Metal slides should either be in shaded areas or face north to minimize the amount of sun on the slide chute.

* Scale for reference only. Use dimensions as shown.



Representative:
Jim Benedict
Virginia Playground Services
434-249-2158

Project:
Long Branch Picnic Area

Project No.
LP847_39965921782
Drawn: 2009.06.01
Drawn By: Jim Benedict

PlayArea:1
Product Line:Kid Builders
Age Group:5-12
Post Type:Galv. 13ga. / Plastic
KB Accent Color:Ten
Kid Builder Post Color:Green
KB PinchW/Tunnel Clr:Forest Green
KB Clr:Clr:Green
KB Soft Clr:Clr:Tan
KB Vinyl Color:Brown
TP Swing Beam/Leg Clr:Green
Mount Option:Bullet

Playground Layout Compliance:

- ✓ CPSC Handbook for Public Safety
- ✓ ASTM F1487

This play equipment complies with the safety performance specifications of ASTM for children 5-12 years old. Not all equipment may be appropriate for all children. Supervision is required.

PlayPower LT Farmington, Inc.
One Iron Mountain Drive
Farmington, Missouri 63640
Phone: 1-800-325-9828
Fax: 573-756-0319
www.flpps.com



Describe It

Configure It

Propose It

Order It



Choose Equipment

Choose Equipment

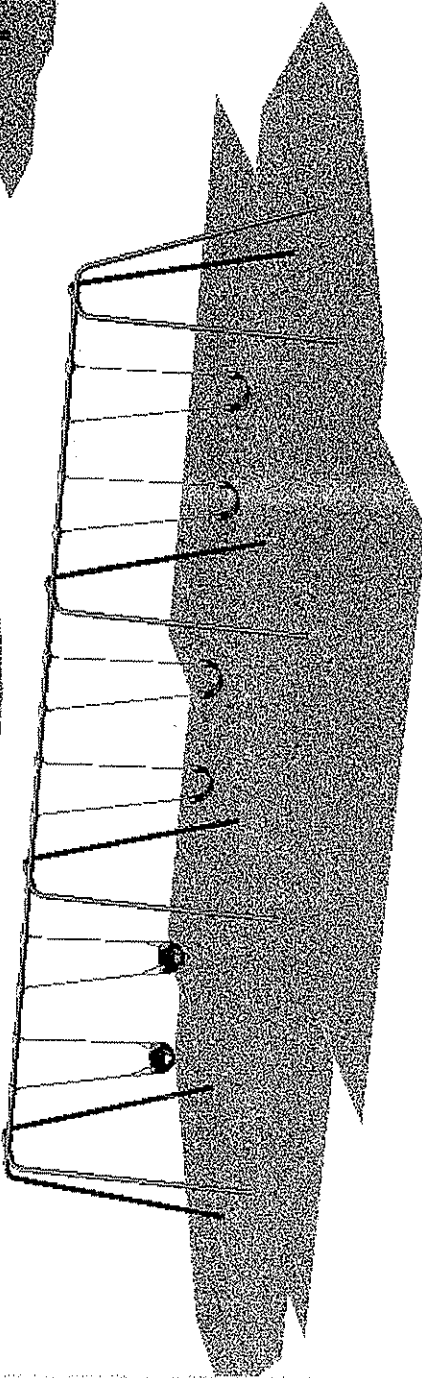
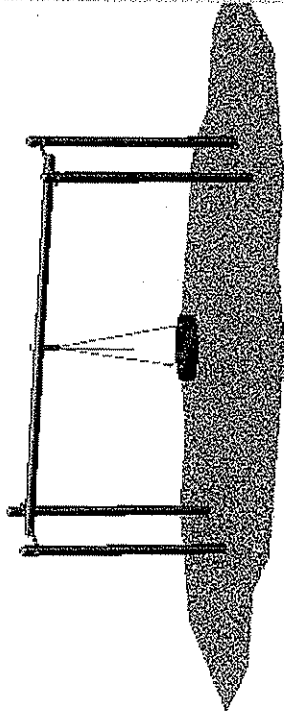
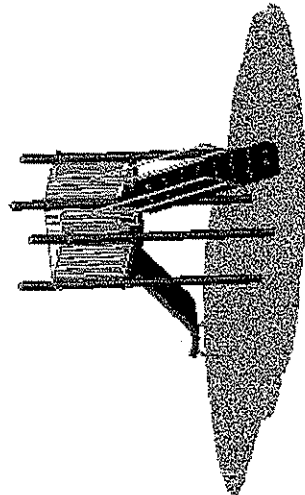
Choose Equipment

Choose Equipment



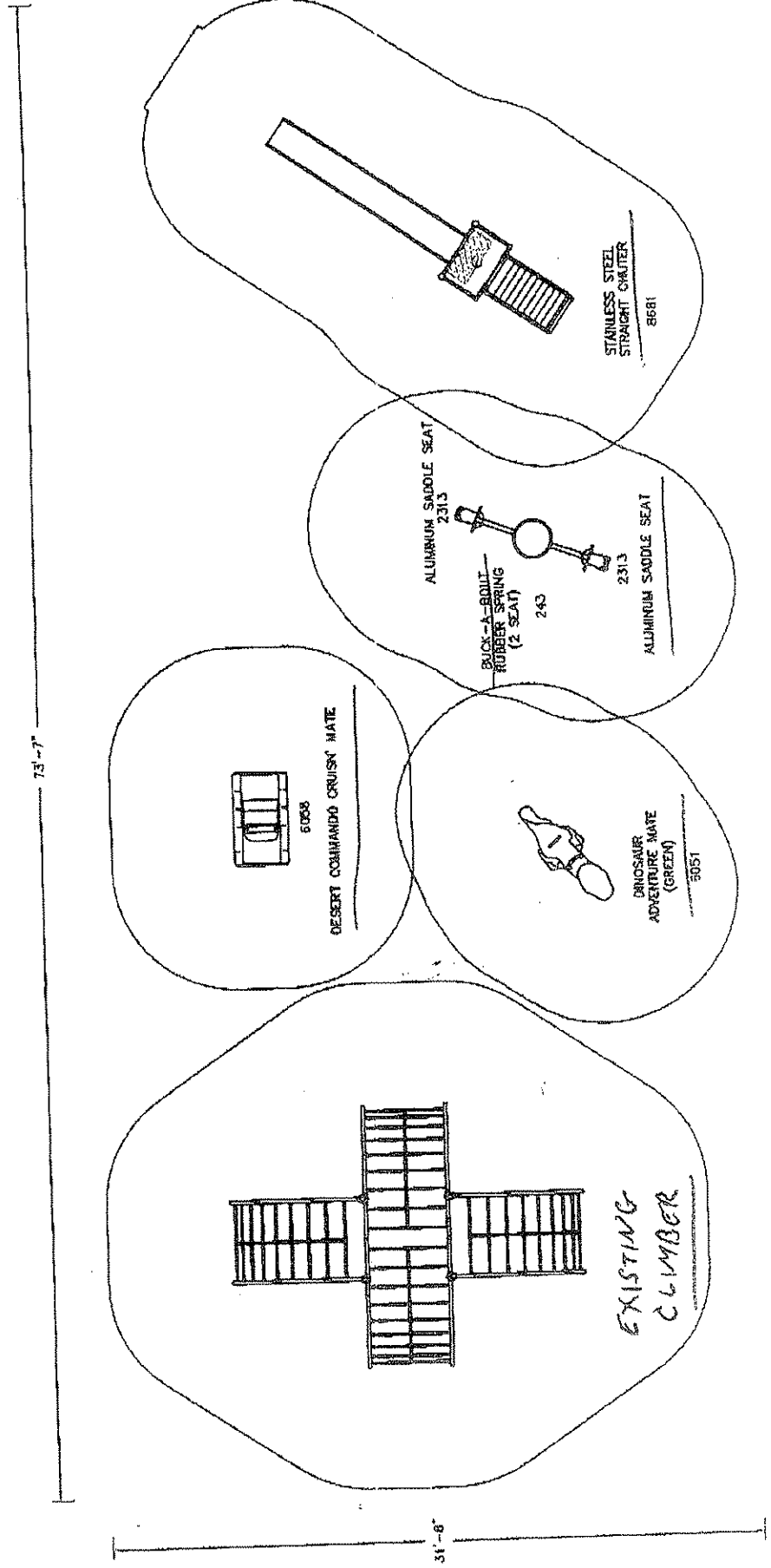
Choose Equipment

DI X H R DB DD 3D % B SZ FC SP DZ VB V T SH



WHLR GO ROOM

(Crum / Morgan Picnic Shelter Area)



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MUST BE
VALIDATED TO STANDARDS



Playgrounds Fun & Easy!

Representative:
Jim Benedict
Virginia Playground Services
434-249-2158

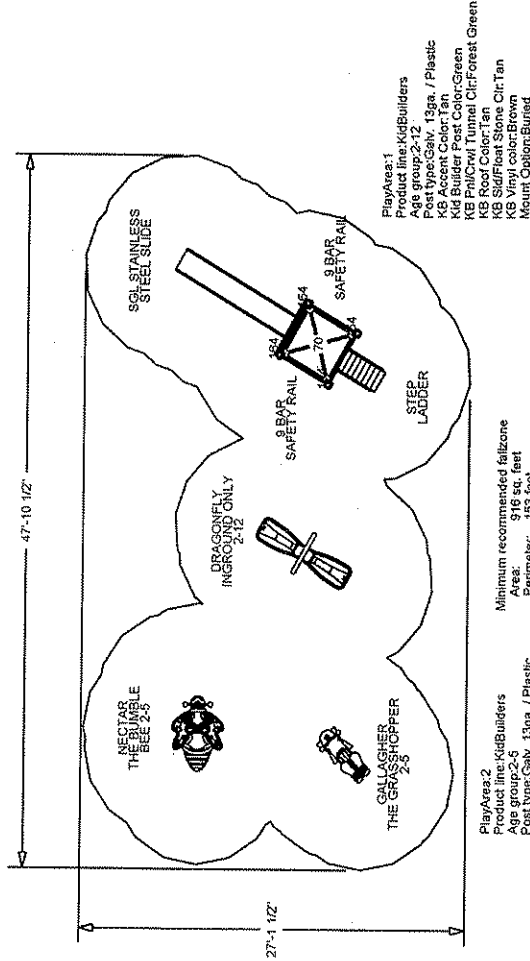
Project:
Crum Morgan Picnic
Area

Project No.
LP847_39865919398
Drawn: 2009-06-01
Drawn By: Jim Benedict

Playground Layout
Compliance:
✓ CPSC Handbook for Public Safety
✓ ASTM F1487

This play equipment complies with the safety performance specifications of ASTM for children 2-12 years old. Not all equipment may be appropriate for all children. Supervision is required.

PlayPower, L.T. Farmington, Inc.
One Iron Mountain Drive
Farmington, Missouri 63640
Phone: 1-800-325-8828
Fax: 573-756-0319
www.ltcps.com



NOTES

1. The Americans with Disabilities Act (ADA) may require that you make your park and/or playground accessible when viewed in its entirety. Please consult your legal counsel to determine if the ADA applies to you.
2. For playground equipment to be considered accessible, accessible surfacing must be utilized in applicable areas.
3. Although a particular playground design may not meet the proposed design, the responsible party in regards to the equipment, the actual playground may be in compliance when considering existing play components.
4. All deck heights are measured from the ground level.
5. Fall absorbent ground cover is required under and around all play equipment.
6. The minimum recommended fall zone around the entire play structure is shown. This zone is to be free of rocks, roots, holes, border material, etc.
7. All post lengths are identified by text showing the post lengths, i.e. 96 represents a 96 inch post.
8. Slides should either be in shaded areas or for parts to prevent burns and glare problems caused by direct sun on the slide chute.

* Scale for reference only. Use dimensions as shown.



Describe It

Configure It

Propose It

Order It

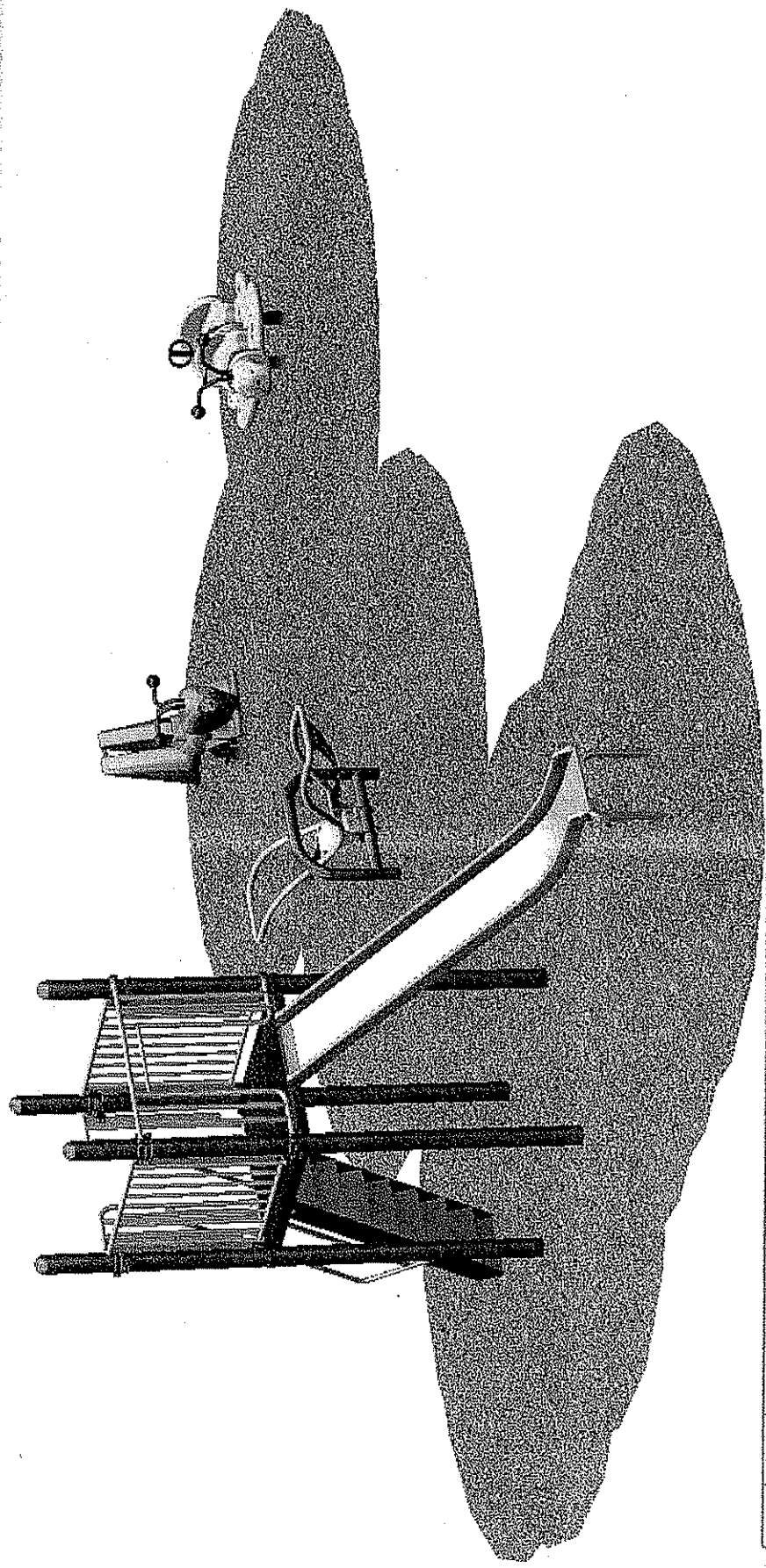
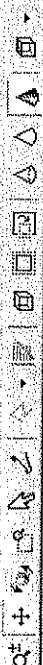
PREVIEWERS

Choose Equipment

PARTS LISTS

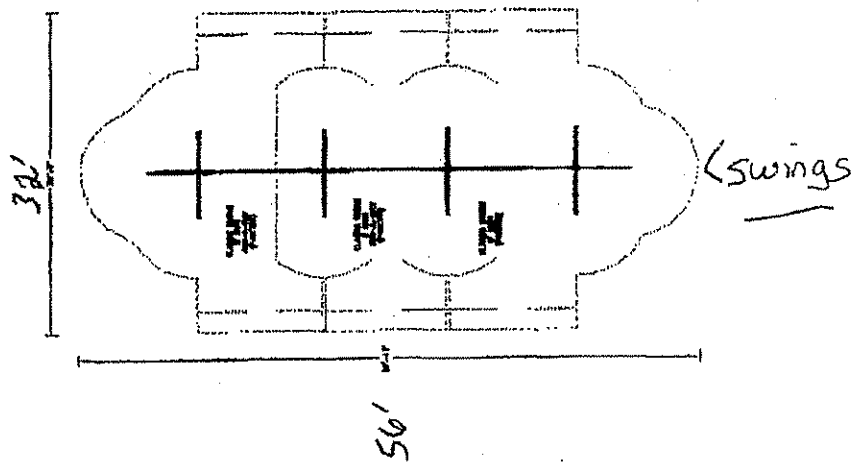
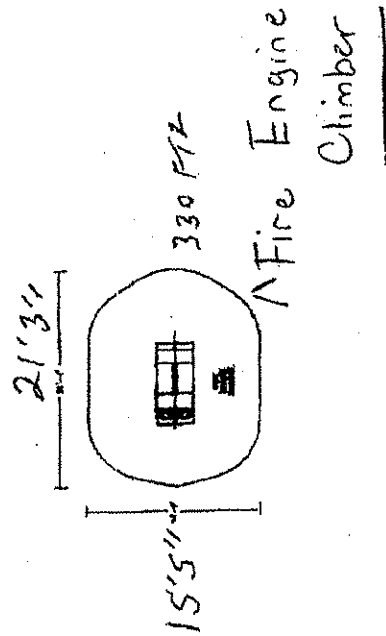
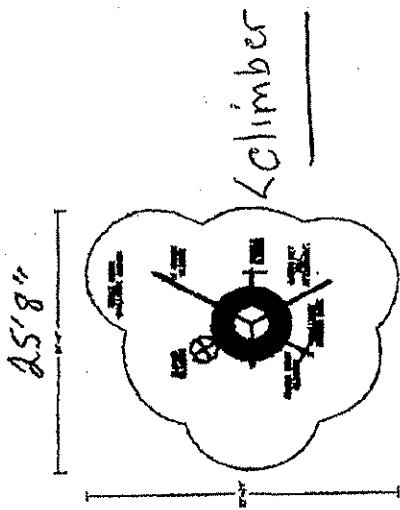
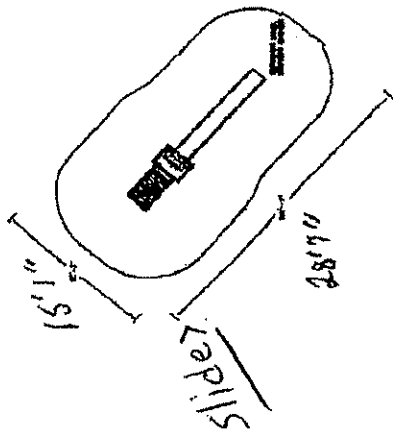


ec Site [P] [R] [X] [M] [R] [DB] [3D] [3D] [B] [SZ] [FC] [SP] [UZ] [V6] [V] [T] [SH]



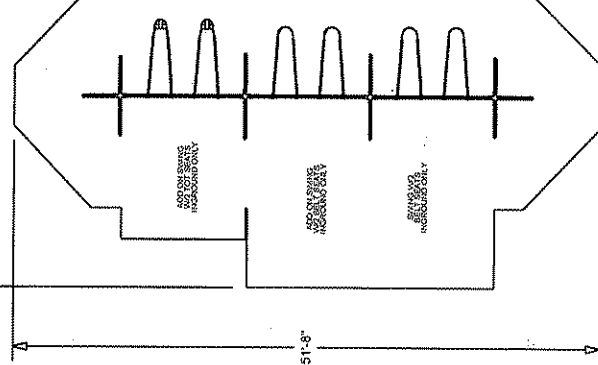
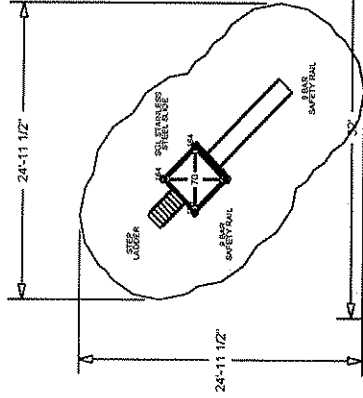
Model | Layout | Footing | Front Elevation | Left Elevation | Rear Elevation | Right Elevation

(LOWER WALNUT PICNIC AREA)

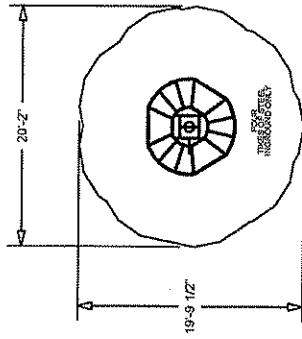


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MUST BE
VALIDATED TO STANDARDS

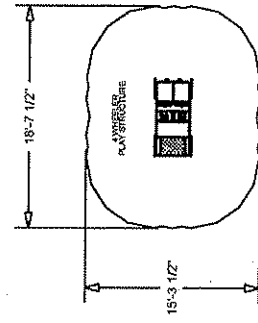
Minimum recommended fallzone
Area: 391 sq. feet
Perimeter: 78 feet



Minimum recommended fallzone
Area: 1221 sq. feet
Perimeter: 162 feet



Minimum recommended fallzone
Area: 306 sq. feet
Perimeter: 65 feet



Minimum recommended fallzone
Area: 247 sq. feet
Perimeter: 57 feet



Representative:
Jim Benedict
Virginia Playground Services
434-249-2158

Project:
Lower Walnut
Picnic Area

Project No.
LP847_39986923924
Drawn: 2009-05-01
Drawn By: Jim Benedict

- PlayArea:1
- Product line: KidBuilders
- Age group: 5-12
- Post type: Galv. 13ga. / Plastic
- KB Accent Color: Tan
- KB Builder Post Color: Green
- KB Fin/C/W/ Tunnel Clr: Forest Green
- KB Fin/C/W/ Tunnel Clr: Forest Green
- KB S/W/Post Color: Clr: Tan
- KB Vinyl color: Brown
- Independent Accent Color: Tan
- Ticks of Steel Clr: Green
- TP Swing Beam/Leg Clr: Green
- TP Yoke Color: Green
- Mount Option: Banded

Playground Layout
Compliance:

- ✓ CPSC Handbook for Public Safety
- ✓ ASTM F1487

This play equipment complies with the safety performance specifications of ASTM for equipment designed for children 5-12 years old. Not all equipment may be appropriate for all children. Supervision is required.

PlayPower LT Farmington, Inc.
One Iron Mountain Drive
Farmington, Missouri 63640
Phone: 1-800-325-4828
Fax: 573-756-0319
www.itgps.com

NOTES

1. The Americans with Disabilities Act (ADA) requires that you make your park equipment accessible when viewed in its entirety. Please consult your legal counsel to determine if the ADA applies to you.
 2. For playground equipment to be considered accessible, accessible surfacing must be utilized in applicable areas.
 3. Although a particular playground design may not meet the proposed Access Board Regulations in regards to the appropriate number of ramps, heights, the actual playground design in compliance when considering existing play components.
 4. All deck heights are measured from top of ground cover.
 5. Fall absorbing ground cover is required around and around all play equipment.
 6. The minimum recommended fall zone around the entire play structure is shown. This zone is to be free of all tripping or collision hazards (i.e. roots, rocks, etc.) and is to be identified by text showing the post lengths, i.e. 96 represents a 96 inch post.
 8. Metal slides should either be in shaded areas or face north to minimize glare problems caused by direct sun on the slide chute.
- * Scale for reference only. Use dimensions as shown.



Describe It

Configure It

Propose It

Order It

REVIEWS

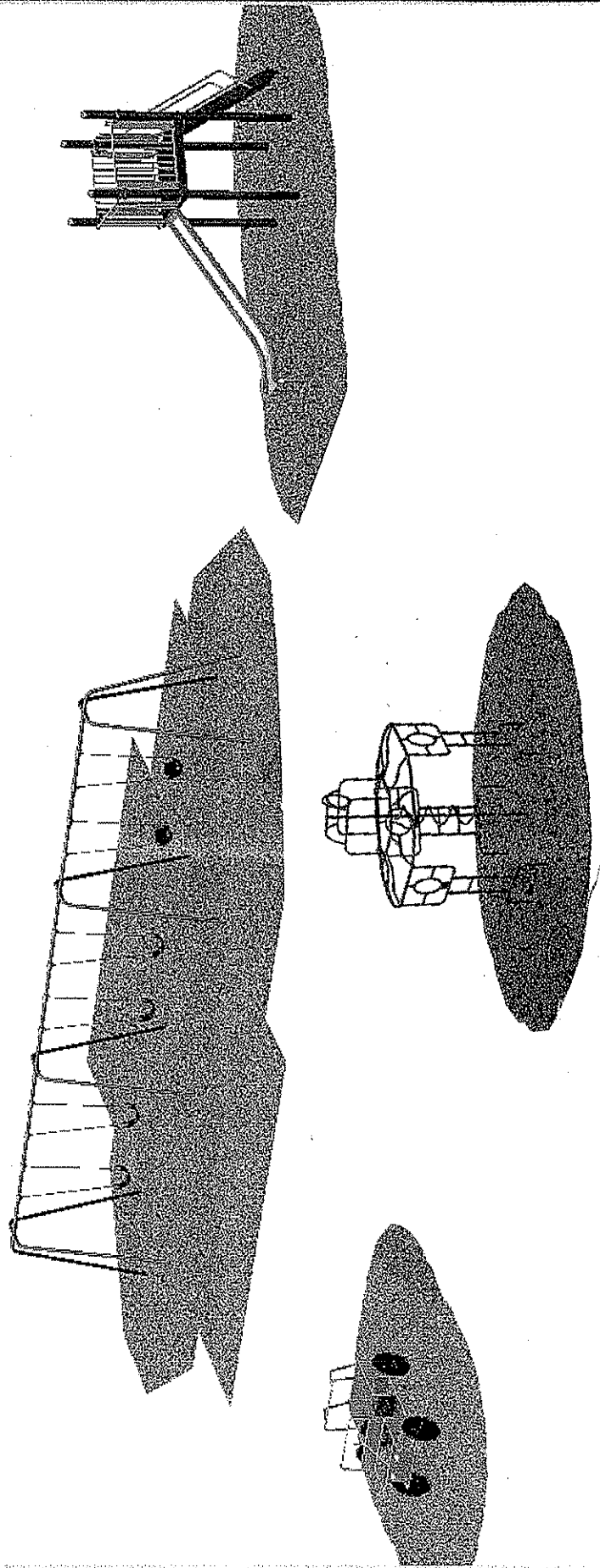
Choose Equipment



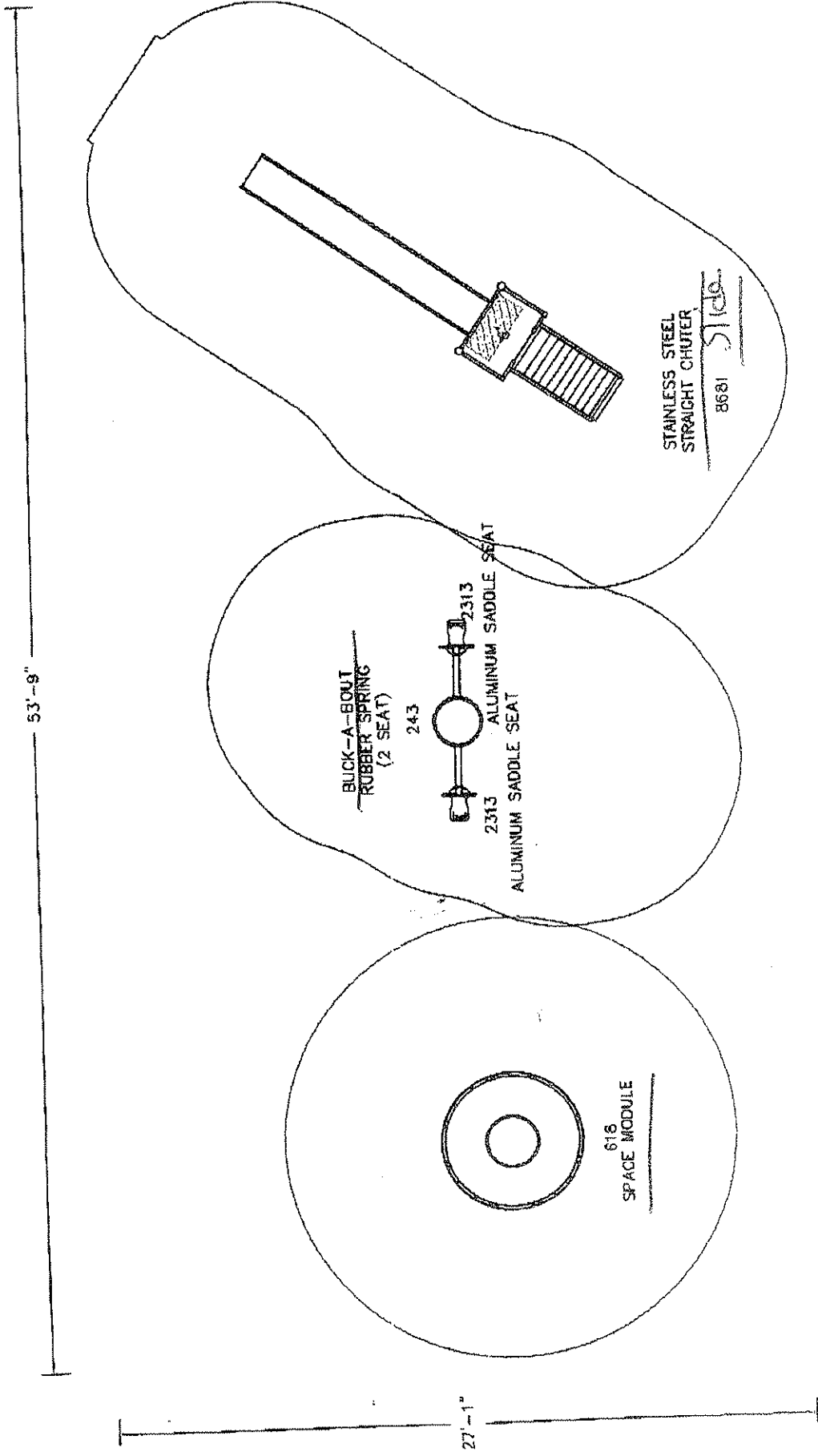
edit

Nothing

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| Pro... | M | F | DB | LD | 3D | B | SZ | FC | SP | UZ | V/B | V | T | SH |
| Ma... | | | | | | | | | | | | | | |
| US... | | | | | | | | | | | | | | |
| GS... | | | | | | | | | | | | | | |
| Um... | | | | | | | | | | | | | | |



(Spruce Creek Camp Ground Area)



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MUST BE
VALIDATED TO STANDARDS



Representative:
Jim Benedict
Virginia Playground Services
434-249-2158

Project
Spruce Creek Camp

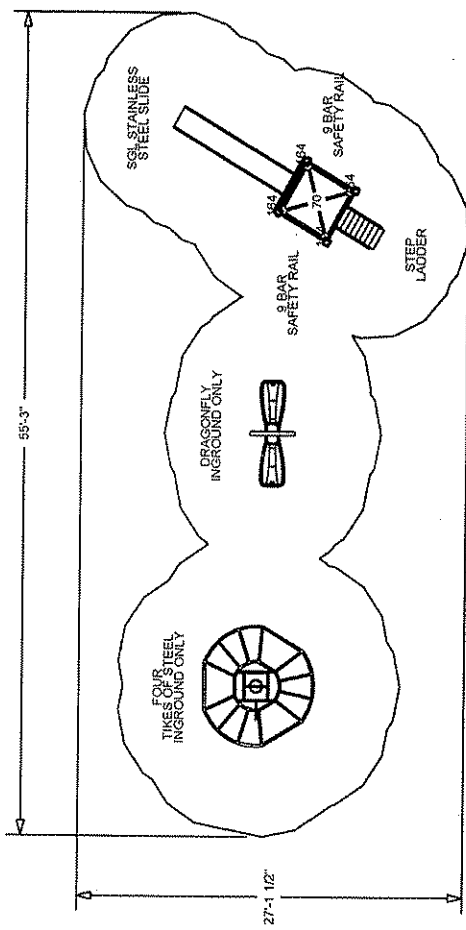
Project No.
LP847_39965915359
Drawn: 2009-08-01
Drawn By: Jim Benedict

PlayArea:1
Product line: KidBuilders
Age group: 5-12
Post type: Galv. 1 3/4" / Plastic
KB Accent Color: Tan
KB Builder Post Color: Green
KB Roof Color: Tan
KB Slid/Fast Stone Clr: Tan
KB Vinyl color: Brown
Tikes of Steel Clr: Green
Mount Option: Buried

Playground Layout
Compliance:
✓ CPSC Handbook for Public Safety
✓ ASTM F1487

This play equipment complies with the safety performance specifications of ASTM for children 5-12 years old. Not all equipment may be appropriate for all children. Supervision is required.

PlayPower LT Farmington, Inc.
One Iron Mountain Drive
Farmington, Missouri 63640
Phone: 1-800-325-9828
Fax: 573-796-0319
www.tops.com



Minimum recommended fallzone
Area: 88 sq. feet
Perimeter: 159 feet

NOTES

- Scale: 1/8"=1'
- The Americans with Disabilities Act (ADA) may require that you make your park and/or playground accessible when viewed in its entirety. Please consult your ADA consultant to determine if the ADA required equipment to be considered accessible, accessible surfacing must be utilized in applicable areas.
- Although a particular playground design may meet the proposed ADA requirements, it is the responsibility of the designer with regard to the appropriate number of ground level events, the actual playground may be in compliance when considering existing play components.
- Post heights are measured from top of ground cover to top of post.
- All absorbing ground cover is required under and around all play equipment.
- The minimum recommended fall zone around the entire playstructure shall be 88 sq. feet. This zone is to be free of all trip hazards (i.e. rocks, hazards (i.e. roots, rocks, border material, etc.).
- All post lengths are identified by text showing the post lengths, i.e. 9' represents a 96 inch post length.
- Slides should either be in shaded areas or face north to prevent burns and glare problems caused by direct sun on the slide chute.

* Scale for reference only. Use dimensions as shown.



Describe It

Configure It

Propose It

Order It



REVIEWS

Choose Equipment

TOOLS LIST



edi

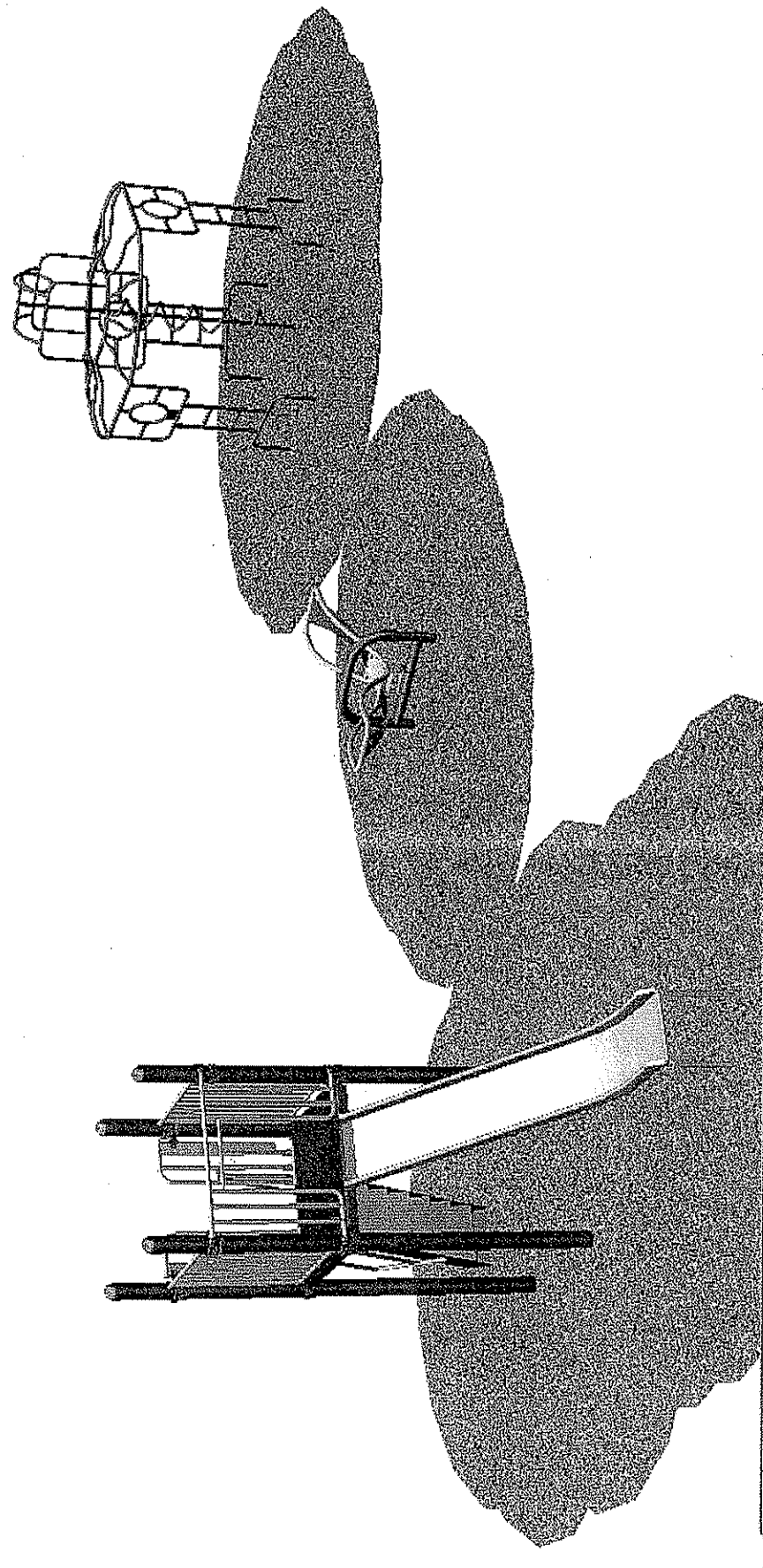
TRIK FOUR

P. TL. S... PL.

X M R DB LD 3D

B SZ FC SP UZ V8

V T SH



Model Layout Footing Front Elevation Left Elevation Rear Elevation Right Elevation

3 1/2"
POST

SPECIFICATIONS

LTC.PLAY BUILDERS™ SPECIFICATIONS for Little Tikes. Va Playgrounds Services .

Plastic Caps shall fit snugly into 89 mm (3.5"), 33 mm (1.315"), and 25 mm (1") diameter pipe ends. Plastic caps for 89 mm (3.5") shall be blow molded low density polyethylene. Plastic caps for 33 mm (1.315") and 25 mm (1") shall be injection molded low density polyethylene. This plastic shall be stabilized against ultraviolet (U.V.) degradation and shall have color molded in. All caps shall be pre-installed at the factory.

Brackets shall be fabricated from punched and formed 4.5 mm pre-galvanized sheet steel.

Gaskets shall be rubber injection molded from ultraviolet (U.V.) protected synthetic rubber. Rubber gaskets shall provide an aesthetic seal around the wonder fastener and bracket.

Polyester Dry Powder Coating shall be electrostatically applied can cured at temperatures between 400° Fahrenheit (204° Celsius) and 500° Fahrenheit (260° Celsius). The polyester powder shall comply with ASTM standards: D-522 (Flexibility Mandrel Test), D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), D-2247 (Humidity Resistance Test), D-822 (Weatherability Test), D-3363 (Pencil Hardness Test), D-2454 (Overbake Resistance Test) and D-3359B (Adhesion Crosshatching Test). Epoxy or Hybrid paints are not acceptable due to poor weatherability characteristics. The components shall be cleaned in a six bath system which shall include a rust-inhibitive iron phosphate wash prior to painting.

Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Distortion Temperature) and ARM-STD (Low Temperature Impact).

Hardware: Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be Stainless Steel and be tamper resistant. All necessary hardware shall be provided.

Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.

Steel Posts shall be 89 mm (3.5") O.D. or (5 ") O.D, 11 gauge pre-galvanized round tubing, or aluminum round tubing when specified. Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). Plastic caps shall be positioned in the top of each post. Posts shall have a baked-on electrostatically applied polyester dry powder coating. Post uprights may be aluminum round tubing when specified.

Square Vinyl Clad Metal Decks shall cover a minimum of 1.03 square meters (1,596 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Vinyl Clad Half Deck shall cover a minimum of .52 square meters (798 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

Vinyl Clad Triangle Deck shall cover a minimum of .45 square meters (680 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

1.2m (48") and 915 mm (36") Transfer Station shall consist of two triangular decks, a three step assembly for the 1.2 m (48") and two step assembly for the 915 mm (36") and handrails. Each triangular deck shall be fabricated from 11 gauge sheet steel, covering .37 square meters (575 square inches) and have three 25 x 152 mm (1" x 6") hand slots incorporated into the deck surface for aid in user transition. The step assemblies provide access from the transfer decks to a 1.2 m (48") deck height or 915 mm (36") deck height. Each step shall have a tread depth of 406 mm (16") and a tread width of 953 mm (37.5"), with each rise 203 mm (8") or less. Each step assembly shall have an all welded construction from 11 gauge sheet steel. Each step assembly and Transfer Deck shall be dipped in a textured poly-vinyl-chloride coating. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall have a baked-on electrostatically applied polyester dry powder coating.

Colored Kick Plates and Deck to Deck Activity Plates shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall have a baked-on electrostatically applied polyester dry powder coating. 8", 12" and 16" plates shall have fun faces laser cut into them. 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet

3.7m (12') Vinyl Clad Metal Ramps shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides. Ramp assembly shall be dipped in textured poly-vinyl-chloride.

Ramp Double Rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating.

Ramp Safety Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

Ramp Guard Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

1.2 m (4') and 2.4m (8') Arch Bridge shall be a minimum of 915 mm (36") wide. Arch Bridge shall be fabricated from precision punched 13 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in a textured poly-vinyl-chloride coating.

Arch Bridge Safety Rails vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure, and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

Arch Bridge Guard Rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

Cat Walk shall be fabricated from 3 mm (11 gauge sheet steel with 3 mm (11 gauge) steel sides and end supports. Cat Walk shall be dipped in a textured poly-vinyl-chloride and oven cured to a durable finish. Cat Walk shall have a dual rail side enclosure. Top and bottom rails shall be fabricated from 33.4 mm (1.315") O.D. pre-galvanized steel tubing with vertical rails welded to the top and bottom rail. Vertical rails shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After assembly side enclosures and end sections shall have a baked-on electrostatically applied polyester dry powder coating.

2.4 m (8') and 3.7 m (12') Vinyl Clad Clatter (Suspension) Bridge (U.S. Patent #5,118,099) planks shall be pre-assembled at factory for ease of installation. Clatter bridge planks shall be fabricated from one piece of 11 gauge punched and formed hot rolled sheet steel. The clatter bridge plank shall be dipped in textured poly-vinyl-chloride and oven-cured. Assembly of planks shall be such that no open gaps occur between planks. Plank to plank joints shall be pinch proof to the user. No cables or chains shall be used in the assembly of the planks. Clatter bridges shall have a dual rail side enclosure fabricated from 33 mm (1.315") pre-galvanized steel tubing, curved to match the curve of the bridge, to provide user stability at a consistent height along the bridge and shall have a baked-on electrostatically applied polyester dry powder coating.

Burmese Bridge shall be designed to work between posts on 3.7 m (12') centers. The chains shall be pre-galvanized and the vertical chains shall be PVC coated and oven cured to a durable finish. Handrails shall be fabricated from 42.2 mm (1.66") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Vinyl Clad Stairs and Step Ladders shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The stair/step assembly shall be fabricated from punched 13 gauge hot rolled sheet steel. The stair/step assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Handrails and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within handrails and deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Handrails and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

Rung Ladder shall be designed to incorporate a one-piece, welded construction to aid installation. Rung ladder side rails shall consist of 33 mm (1.315") O.D. pre-galvanized steel tubing. Rungs shall be fabricated for 25 mm (1") O.D. pre-galvanized steel tubing. Brackets shall be fabricated from 7 gauge pre-galvanized steel. Rung ladder shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand loops or safety loops.

Ladder Panel shall be fabricated from 11 gauge sheet steel. Foot openings shall be 76 mm (3") high x 429 mm (16.875") wide and evenly spaced. Treads shall be 32 mm (1.25") deep. The complete ladder assembly shall be dipped in a textured poly-vinyl-chloride coating. Available with hand hold loops or safety loops.

Cliff Climb shall be rotationally molded from linear low density polyethylene. The Cliff Climb shall have the appearance of a rock face with foot and hand holds molded in for scaling. The rear of the Cliff Climb shall house a mirror fabricated from Type 430, 16 gauge, No 2 bright annealed stainless steel.

Pommel Climber shall be fabricated from 33 mm (1.315") x 14 gauge pre-galvanized steel tubing. Brackets shall be fabricated from 4.554 mm (.179") mild steel. Pommels shall be fabricated from E.P.D.M. 50 duro black rubber with a steel insert molded inside, rendering them slash proof. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

Arched Chain Climbers shall be designed to incorporate a one-piece, all welded frame. The side rails shall be arched and have a center to center spacing of 722 mm (28.437"). The side rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Chain shall be 4/0 steel with a textured poly-vinyl-chloride coating, oven cured to a durable finish.

After fabrication all parts except for the chain shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

Chain Net Climber chain shall be 4/0 steel with a textured poly-vinyl-chloride coating. Available with hand loops or safety loops.

Inverted Arch Climber shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing, be arched and have a center to center spacing of 722 mm (28.437"). The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

Arch Climber shall be designed to incorporate a one-piece, all-welded construction with rungs evenly spaced, center to center and welded to siderails. The siderails shall have a center spacing of 711 mm (28"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

Curly Climbers shall be of a design which will not allow children to climb into the interior of the coil. Curly Climber coils shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Curly Climbers shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

Snake Pole shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The snake pole shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Loop Climber shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support posts shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The loop climber shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Side Step Climber shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Side Step Climber shall be an all welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Climbing Net shall be fabricated from rope consisting of six urethane coated nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Climbing Net shall be secured with a stainless steel eyenut to the deck edge and a stainless steel cleavis at the bottom. Available with hand hold loops or safety loops.

Circle Overhead shall have teardrop shaped hand rungs welded to a single circular monorail. The Circle Overhead shall be designed with a 270 degree arc to return to the take off platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Circular Overhead shall have a baked-on electrostatically applied polyester dry powder coating.

"S" Overheads Right and Left shall have teardrop shaped hand rungs welded to a single arc monorail. The "S" Overhead Right shall be designed with a right arc from the take off platform, midway the arc turns left. The "S" Overhead Left shall be designed with a left arc from the take off platform, midway the arc turn right. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "S" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

"Z" Overheads Right and Left shall have teardrop shaped hand rungs welded to a single arc monorail. The "Z" Overhead Right shall be designed with a 90° right turn from the take off platform, midway the arc turns 90° left to a second platform. The "Z" Overhead Left shall be designed with a 90° left turn from the take off platform, midway the arc turns 90° right to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "Z" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

"C" Overhead shall have teardrop shaped hand rungs welded to a single arc monorail. The "C" Overhead shall be designed with a 90° turn from the take off platform, midway the arc turns an additional 90° to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "C" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

360 Degree Overhead shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a second circular support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall consist of a center support and perimeter support legs, which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. 360 Degree Overheads shall have a baked-on electrostatically applied polyester dry powder coating. Advanced 360 Degree Overhead systems can be used in conjunction with Circle, "S", "C" and "Z" overhead components.

Challenge Ladder shall be designed to incorporate a one-piece, welded construction to ease installation. The challenge ladder shall be designed to work between posts on 3.7 m (12') and 2.44 m (8') centers for the length. The challenge ladder rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Wavy Challenge Ladder shall have rungs welded to siderails. The wavy challenge ladder shall be designed to work between posts on 2.44 m (8') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The wavy challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

Bowed Challenge Ladder shall have rungs welded to siderails. The bowed challenge ladder shall be designed to work between posts on 2.44 m (8') and 3.7 m (12') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The bowed challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

Trapeze Challenge Ladder rungs shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tube and shall be mounted to the main side rails via stainless steel spherical bearings. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The trapeze challenge ladder shall be designed to work between posts on 3.7 m (12') centers for the length. The trapeze challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

Ring Challenge shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have ring coils fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Ring challenge shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

Floating Stones shall have a main support beam fabricated from 73 mm (2.875") O.D. 6 gauge pre-galvanized steel tubing. Hanging Supports for the floating stones shall be 33 mm (1.315") O.D. pre-galvanized steel tubing and shall be tethered to a steel footing rail with 4/0 galvanized chain. Floating stones shall be rotationally molded linear low density polyethylene.

Stepping Stones shall be rotationally molded linear low density polyethylene mounted on 60mm (2.375") O.D. pre-galvanized support posts.

Track Ride shall be designed to incorporate a one-piece aluminum (6061-T6 alloy) extruded beam to ease installation and reduce maintenance. The beam shall be designed to work between 3.7 m (12') post centers. Rubber stops shall be provided at each end of the track. Track ride cross beams shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The roller assembly shall consist of four load supporting wheels with sealed ball bearings and two lateral supporting wheels to insure that the roller assembly does not rub the sides of the beam. Track ride handle shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication, the steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Ring Trek shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have steel ring hangers welded in place to ease installation and reduce maintenance. Oil impregnated bronze bushings shall be **Caps** shall fit snugly into 33 mm (1.315") diameter, and 25 mm (1") square pipe ends and shall be injection molded high density polyethylene. This plastic shall be stabilized against pressed into ring hangers, after they have a baked-on electrostatically applied polyester dry powder coating. Ring trek handles shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e.

Parallel Bars do not need additional posts for installation. Parallel bars shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing and have a finished length of 3.0 m (10'). After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

Stainless Steel Double Wide Slide shall be 755 mm (29.7") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Single rail shall be fabricated from 33 mm (1.315") O.D. galvanized tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

Wave Slides with Hood enclosure shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood shall prohibit string entanglement. Plastic slide side rails shall be a minimum of 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

610 mm (24") Wave Slides with Hood enclosure shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood are shipped pre-assembled and shall prohibit string entanglement. Plastic slide rails shall be a minimum of 203 mm (8") high from the slide surface. Slide bedway shall be designed with a 406 mm (16") minimum width. Slide bed shall be one-piece with no seams or joints.

Double Wide Slides shall be rotationally molded from linear low density polyethylene. Plastic double wide slide sides shall be 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Double wide slide shall be a one-piece design with a center divider having no seams, joints or gaps. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating. A single rail sit down bar shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

360° Spiral Slide (U.S. Patent #D335,517) with Hood shall be two piece with a seamless bedway, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 355 mm (14") high from the slide surface. Center post shall be 89 mm (3.5") pre-galvanized tubing. Slide bed and enclosure shall conform to United States CPSC guidelines for spiral slides. Spiral slide shall provide a full 360° of rotation. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 0.7 square meters (1,080 square inches) of top surface. This assembly shall be dipped in textured poly-vinyl-chloride. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts.

Elbow Slides shall be one-piece, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide enclosure shall be fabricated from 33 mm (1.315") O.D. tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

Half Pipe Sectional Slides with Hoods shall be comprised of section, rotationally molded from linear low density polyethylene. The slide enclosures shall also be rotationally molded from linear low density polyethylene. The end support and mid supports shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized tubing, 2.3 mm (13 gauge) and 3 mm (11 gauge) pre-galvanized sheet steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating.

Tunnel Slides shall be configured to approximately a 762 mm (30") internal diameter cross section. Tunnel panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel slides shall be assembled using an overlap joint on section connection and shall not have any internal hardware. Tunnels, elbows and panels shall be rotationally molded from linear low density polyethylene. Tunnel slide end supports shall be fabricated from 38 mm (1.5") square, pre-galvanized steel tubing and mid supports shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Both supports shall have a baked-on electrostatically applied polyester dry powder coating.

Bannister Rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tube. All components shall have a baked-on electrostatically applied polyester dry powder coating.

Sliding Poles shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel pipe. After fabrication all components shall have a baked-on electrostatically applied polyester dry powder coating. The top support brace shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel pipe.

Straight Crawl Tunnels shall have an approximate internal diameter area of 762 mm (30") and three 76 mm (3") holes to allow for visibility. Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Tunnel and panel shall be rotationally molded from linear low density polyethylene.

90° Elbow, Extended 90° Elbow and "S" Crawl Tunnel shall have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Elbow, extension and panel shall be rotationally molded from linear low density polyethylene.

Aluminum Steering Wheel shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheels shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all components shall have a baked-on electrostatically applied polyester dry powder coating.

Plastic Steering Wheel shall be rotationally molded from linear low density polyethylene. Steering wheels shall mount to a 25 mm (1") O.D. pre-galvanized steel tube.

Kid Village™ Panels, Seat (U.S. Patent D-370959), Counter, Doorway, Window, Activity and Fence (U.S. Patent D-370,268), shall be rotationally molded from linear low density polyethylene. The village panels shall be 1231 mm (48.5") high. The Kid Village™ doorway opening shall be 457 mm (18") wide. The molded in graphics shall not be raised above the surface of the panel. Panel mounting brackets shall be fabricated from 11 gauge sheet steel and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Kid Village™ Table shall be rotationally molded from linear low density polyethylene.

Animal Crawl Tunnel (U.S. Patent D-381056), Counter (U.S. Patent D-391615) and Door Panel shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Steel Store Front shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1.315") steel tubing. Steel Store Front shall consist of two components: a counter and top section, which can be used together to simulate a store or used independently. After fabrication the components shall have a baked on electrostatically applied polyester dry powder coating.

Dinosaur Counting Panel, Alphabet Panel and Finger Maze Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene.

Graphics Panels shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. Graphics panels shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

Bubble Mirror Panel shall consist of two 3 mm (.125") metalized bubbles with a non-removable filler of bubble wrap packaging material inside to prevent compression of bubbles. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The panel shall have the manufacturer's trademark applied to identify the source of the product.

Mirror Panel mirrors shall be fabricated from Type 430, 16 gauge, No. 2 bright annealed stainless steel. The mirror shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Bubble Panels shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The bubble shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Window Panels shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The window shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Gear Panel shall be rotationally molded from linear low density polyethylene. Two Lexan sheets contain a set of gears and a crank that shall be rotationally molded from linear low density polyethylene. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

Seven Station Play Factory shall be rotationally molded from linear low density polyethylene. Textured patterns, hand matching game and finger tracing maze shall be molded in. Two windows contain a set of gears that shall be rotationally molded from linear low density polyethylene. The periscope has polished stainless steel mirrors. Talk tube mouth pieces are stainless steel.

Activity Panels, Tic-Tac-Toe, Spelling, Math and Animal, shall consist of a cylinder assembly and enclosure panel. Cylinders shall have vertical support bars which shall be fabricated from 25 mm (1") O.D., pre-galvanized steel tubing. Panel and cylinders shall be rotationally molded from linear low density polyethylene. The molded-in graphics shall not be raised above the surface of the plastic. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Abacus Panel shall be rotationally molded from linear low density polyethylene. Spheres shall be fabricated from polyethylene with ultraviolet (UV) light stabilizers and color pigment molded in. Each of the polyethylene spheres shall be 70 mm (2.75") in diameter and be molded in red and yellow. Horizontal rails shall be fabricated from 25 mm (1") x 13 gauge pre-galvanized steel tubing.

Double Sided Routed Play Panels shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel

Fire Safety Panel shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

Accessible Sand Box/Water Table shall be rotationally molded from linear low density polyethylene. Sand capacity shall be approximately 150 pounds of play sand. The Sand Box/Water Table shall be fitted in the factory with a water drainage valve. A one piece lid shall be rotationally molded from linear low density polyethylene.

Friendship Globe shall be rotationally molded from linear low density polyethylene with ultraviolet (UV) stabilizers, raised continents and graphics molded in. Globe shall be mounted on 16 gauge 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Sign Panels shall provide a non-climbable enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Safety Panels shall provide a non-climbable enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Safety Rails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing with 7 gauge pre-galvanized steel brackets welded on both ends for attachment to the posts and deck. The Safety Rails provide a non-climbable enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar, and shall be welded continuously around the entire perimeter. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

Talk Tubes shall be fabricated from 48 x 3.4 mm (1.90" x .135") wall steel tubing. The "phone funnel" shall be fabricated from sheet steel capped with tubing and have a perforated steel insert inside. Talk Tubes shall have a baked-on electrostatically applied polyester dry powder coating.

Chinning and Turning Bars and Single Rails will be designed to be mounted to the post for the ease of installation and shall be fabricated from 33 mm (1.315") O.D., pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

Sand Border Panels shall be rotationally molded from linear low density polyethylene. All panels shall have a molded in seat and overlap standard posts with a minimum height of 317 mm (12.5"). Post spacing shall be the standard 1003 mm (39.5") on centers.

Quad Roof shall have over 18.6 square meters (61 square feet) of shaded play area and have the manufacturer's trademark molded in to identify the source of the product. The quad roof shall be 940 mm (37") high and rotationally molded from linear low density polyethylene. The Quad Roof is a multi section roof (nine sections) and requires eight posts for mounting, but can accommodate a ninth, or center post.

Square Roofs shall be 762 mm (30") high and shall have the manufacturer's trademark molded in to identify the source of the product. The roof shall be a double wall construction and rotationally molded from linear low density polyethylene.

Arch Roof and Double Arch Roof shall consist of two parts. The arches shall be rotationally molded from linear low density polyethylene. The roof section shall be fabricated from 16 gauge galvanized sheet steel with 6 x 76 mm (.25" x 3") slots punched over the entire surface. The roof section shall be mechanically attached to the arches with screws to form the assembly. The roof section shall have a baked-on electrostatically applied polyester dry powder coating.

Arches shall be rotationally molded from linear low density polyethylene.

Loops shall be fabricated from 33 mm (1.315") O.D., pre-galvanized steel tubing, with vertical rungs fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating and be designed to bolt directly to the post and deck.

There shall exist **NO GAPS** greater than 76 mm (3") and less than 254 mm (10") in any component design, unless otherwise stated.

Product specifications listed were correct at the time of publication. Little Tikes Commercial factory. However, Little Tikes Commercial Play Systems has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.

Plastic Caps shall fit snugly into 127 mm (5") and 33 mm (1.315") tube ends and shall be injection molded Low Density Polyethylene. This plastic shall be stabilized against ultraviolet (UV) degradation and shall have color molded in. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

Aluminum Caps shall fit snugly into 127 mm (5") tube ends. The Aluminum cap shall be made from SAE 413 aluminum with a minimum wall thickness of 4 mm. Prior to insertion into the post, all caps shall be painted per PPLT PAINT Specification. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

-Paint shall be applied per PPLT PAINT Specification.

-Rotationally Molded Plastic Parts shall be molded per PPLT ROTO Specification.

-Textured Poly-Vinyl-Chloride coating shall be per PPLT PVC Specification.

Hardware: Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be metric stainless steel and tamper resistant. All necessary hardware shall be provided.

Deck Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp attachment bracket shall be formed from 11 gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

Rail Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a minimum 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

-PPLT ROTO Specification: Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard (for Molding purposes) and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Deflection Temperature), ARM-STD (Low Temperature Impact) and rated UL 94.

-PPLT PVC Specification: Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.

13 GAUGE GALVANIZED STEEL POST shall be 127 mm (5") O.D., 13 gauge pre-galvanized round tubing. Minimum tensile strength shall be 330MPa (48,000 psi). Minimum yield point shall be 310MPa (45,000 psi). The bottom portion of all upright posts shall be crimped slightly to enhance retention in concrete footings. Plastic caps shall fit into the uncrimped end of the 127 mm (5") tube. After fabrication, all posts shall be painted per PPLT PAINT Specification.

SAFETY RAIL shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 3/4" X 1" FSO pre-galvanized steel tubing. Side plates shall be fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. Deck mounted safety rails shall have a bottom plate fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. The Safety Rails provide a non-climbable enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. After assembly, panel shall be painted per PPLT PAINT Specification.

STAINLESS STEEL SINGLE WIDE SLIDE bed way shall be 476 mm (18.75") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high 11 gauge "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. and 25.4 mm (1.0") O.D. pre-galvanized steel tubing. All steel tubing shall be painted per PPLT PAINT Specification. A mini transition deck shall be fabricated from 13 gauge sheet steel and coated per PPLT PVC Specification.

VINYL CLAD STEP LADDER shall be a one piece all welded assembly coated per PPLT PVC Specification. The stair/step assembly shall be fabricated from punched 13 gauge hot rolled sheet steel. The stair/step assembly shall attach to the deck edge and shall be supported by 25.4 mm (1") O.D. x 14 gauge pre-galvanized posts at the bottom riser. Handrails shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, 3 mm (11 gauge) pre-galvanized sheet steel and 4.5 mm (7 gauge) sheet steel. Handrails and enclosures shall be painted per PPLT PAINT Specification.

SQUARE VINYL CLAD METAL DECK shall cover a minimum of 1.46 square meters (2,275 square inches) of top surface area, be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips and 7 gauge plates

DRAGONFLY as Buckabout and Teeter and See-Saw wings are to be fabricated from 48.3 mm (1.90") O.D. 11 gauge pre-galvanized tubing with a 33.4 mm (1.3") O.D. cross bar. The seat is to be 16 gauge sheet steel coated per PPLT PVC Specifications. The wings rest on two 3/8" steel plate

supports. The Dragonfly Stand is to be fabricated from 88.9 mm (3.5") O.D. pre-galvanized tubing and a 1/2" steel plate for the spring to attach to. The Dragonfly spring shall be a two way torsion rubber spring. Two 3/8" steel plates provide positive stops for a 38.1 mm (1.5") square axel bar which the dragonfly rotates about. The wing assembly and stand assembly are to be painted per PPLT PAINT Specifications.

SPRING TOY bumble Bee, Grasshopper, Horse, Whale Rider Body: The rider body is a rotationally molded figure or mold positive supported by a body frame. Wall thickness of molded components shall be 3/16" to 1/4". The body frame shall consist of front and/or rear supports constructed of 1-1/2" tube and/or of 2" x 2" x 1/4" angle, a cross member constructed of 1-1/4" pipe, handholds of 1" (1" O.D.) 15 ga. tube and/or Gator Grip, a cross brace of 1-1/2" x 1-1/2" x 3/16" angle and Gator Grip, a mount of 1/4" x 1-1/2" flat or 1/4" plate, and a base and gussets constructed of 7 ga. sheet, all solid welded. Model # 960 is shaped like a ladybug, and Model # 961 is shaped like a bumblebee. The "C" springs shall be constructed of 3/8" or 7/16" spring steel, 4" wide by approximately 41-1/2" long, bent 180 degrees to form a large "C". Security plate and spacers shall be constructed of 1/4" flat sheet. Anchor bolts shall be 1/2" - 13 x 12" mechanically galvanized steel with 2" of threads running from the end and a 90 degree bend at approximately 1-1/4" from the opposite end. All hardware shall be fastener style A. The rider bodies shall have color molded in. The Lady Bug shall have molded in color for the spots and molded in decals for the eyes. The BumbleBee shall have molded in black color for the stripes, and molded in decals for the eyes. Handholds shall have a galvanized finish. The "C" springs, security plates, and spacers shall be finished in powdercoat

KID BUILDERS™ TIRE SWING beam and uprights shall be fabricated from 127 mm (5") O.D. 11 gauge pre-galvanized steel. The molded tire shall contain a steel re-inforcement ring fabricated from 33.4 mm (1.312") 14 gauge pre-galvanized steel tubing. The steel components shall be painted per PPLT PAINT Specification. Tire Swings shall be rotationally molded per PPLT ROTO Specification. Swing chains shall be 4/0 straight link galvanized steel coated per PPLT PVC Specification. The tire swing mounting hardware shall include an automotive-type U-joint assembly protected by a rubber bellows and a turning collar with grease fitting provided.

HEAVY DUTY SWING (All Seats) beam shall be fabricated from 60 mm (2.375") O.D. 5 gauge pre-galvanized steel tube. Swing legs shall be fabricated from 60 mm (2.375") O.D. 10 gauge pre-galvanized steel pipe. Swing yokes shall be fabricated from 73 mm (2.875") O.D. 6 gauge pre-galvanized steel. The beam and uprights shall painted per PPLT PAINT Specification. Anti Wrap-over swing bearings (U.S. Patent 6,123,480) shall be fabricated from 415D sand cast Aluminum Bronze with injection molded nylatron plastic sleeve. Swing chains shall be 4/0 straight link galvanized steel. All seats shall have ultraviolet (UV) light stabilizers, anti-static guard and black color molded in. Swings seats shall be flame retardant and also provide excellent chemical resistance.

Standard Belt Swing Seats shall be heavy duty construction, fabricated from 70 durometer EPDM rubber with a tempered steel insert molded inside, rendering them slash proof.

Tot Swing Seats shall be heavy duty construction, fabricated from black EPDM rubber with a tempered steel insert molded inside, rendering them slash proof. Tot seat shall be fully enclosed to prevent slipping out and provide lower back support. Two sizes of leg cutouts make this seat versatile enough to accommodate larger children with special needs also.

JEEP CLIMBER as CLASSIC 4 WHEELER shall be fabricated from pre-galvanized steel tube, typically 33.4 mm (1.315") in diameter and 16 gauge galvanized sheet steel panel. Steering wheels shall be cast in alloy 319 aluminum of the Aluminum-Zinc-Magnesium type and comply to ASTM SC64d, UNS-A03191, QQA-371e, and QQA-596d standards. Headlights shall be made from SAE 413 aluminum. All steel components shall be painted per PPLT PAINT Specification. Seating for four shall be fabricated from 13 gauge sheet steel which shall be punched, formed and coated per PPLT PVC Specification.

TIKES OF STEEL CLIMBER (4 MAN) shall be fabricated from 33 mm (1.315") O. D. pre-galvanized steel tubing rungs welded to side rails. The side rails shall be fabricated from 48.3 mm (1.90") O.D. pre-galvanized steel tubing. The Climber shall consist of a center support assembly with three Tikes of Steel supporting the perimeter. A center support pole shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing and attach to an arched Tike of Steel (fourth) and center support assembly. After fabrication all components shall be painted per PPLT PAINT Specification..

All Steel Tube Components shall comply with ASTM standards: A-500, or A-513. The steel tube components contain five layers including an inside galvanized coating, high tensile strength cold formed steel, hot dipped pure zinc meeting ASTM B-6 applied at 3.5 tenths of an once per square foot, and a proprietary conversion and advanced polymer coatings. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system which shall include a rust-inhibitive iron phosphate wash prior to painting. Exceptions: 127 mm (5") O.D. aluminum posts.

-PPLT PAINT Specification: Primer shall be electrostatically applied and cured in an infrared oven. Paint shall be an electrostatically applied polyester TGIC (triglycidyl isocyanurate) powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The thickness of the combined primer/paint shall be between 5 mils and 11 mils. The polyester powder shall comply with ASTM standards: D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), G26 (Weatherability Test), and D3359B (Adhesion Crosshatching Test).

WARRANTY

LTC. Little Tikes Commercial.Product Warranty Statement.

Full One-Year Warranty

PlayPower LT Farmington, Inc., (PPLT) warrants that if any product components fail due to defects in materials or workmanship, within one year from date of delivery, PPLT will repair or replace such defective components by providing free of charge replacement part(s) to the site. PPLT will not be responsible for the cost of labor for the removal of nor the cost of labor for the installation of repaired or replacement part(s). In addition, the following limited warranties apply from date of delivery for the following PPLT products and components:

Limited 100-Year Warranty

On all KidBuilders^a aluminum posts and steel clamps, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 100-Year Warranty

On KidBuilders^a, SkyBuilders^a, PlayBuilders^a and MaxPlay^a steel posts and stainless steel hardware, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 50-Year Warranty

On the performance of Landsoft^a Rubber Mulch safety surfacing.

Limited 15-Year Warranty

On KidBuilders^a, SkyBuilders^a, PlayBuilders^a and MaxPlay^a main structures under normal use and proper maintenance against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship. This warranty includes only the vinyl clad decks, rails, loops and rungs that comprise the main structure.

Limited 15-Year Warranty

On all KidBuilders^a, SkyBuilders^a, PlayBuilders^a and MaxPlay^a polyethylene slides, enclosures, and plastic components under normal use and proper maintenance against structural failure caused by defects in materials and workmanship.

Limited 10-Year Warranty

On all ShadeBuilders^a steel frames under normal use and proper maintenance against failure due to corrosion, deterioration or faulty workmanship.

Limited 10-Year Warranty

On Landsoft^a Rubber Mulch color steadfastness.

Limited 8-Year Warranty

On the performance and appearance of Landsoft^a Synthetic Turf safety surfacing. Please contact your local representative for more information.

Limited 5-Year Warranty

On all ShadeBuilders^a fabric due to rot, UV deterioration (shades of red are limited to 3 years) or defective workmanship.

Limited 3-Year Warranty

On all Playground Sculptures and PlayCenter polyethylene slides, enclosures, main structure, decks, and plastic components against failure caused by defects in materials and workmanship.

Limited 3-Year Warranty

On KidTiles^a, KidTimbers^a, Border Panels, RockTimbers^a and all KidRiders^a products (excluding spring assemblies) against structural failure due to defects in materials and workmanship.

PLEASE NOTE. The above mentioned warranties do not include any cosmetic issues, e.g., scratches, dents, marring, fading of colors and discoloration of wood due to weathering, and are valid only if the products are installed in conformity with the layout plan and/or installation instructions furnished by PPLT; have been maintained and inspected in accordance with PPLT's instructions; have not been subjected to misuse, negligence or accident; have not been subjected to addition or substitution of parts; and have not been modified, altered or repaired by persons other than PPLT or PPLT's designees. Labor and damage resulting from vandalism, abnormal use, incorrect installation, or lack of maintenance are not covered by this warranty. Except as specifically stated herein, all warranties, express or implied, including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose are hereby EXCLUDED. This warranty excludes any liability other than expressly stated including but not limited to any incidental or consequential damages.

Additional PPLT Policies

For information on warranty claim procedures, contact the nearest PPLT location (see back cover) or write to: Play Power LT Farmington, Inc., P.O. Box 897, Farmington, Missouri 63640.

Pricing

Prices are subject to change without notice. All orders are subject to approval by Play Power LT Farmington, Inc.'s, general office. Prices are F.O.B. Farmington, Missouri, (excluding Canada - F.O.B. Kitchener, Ontario) and do not include freight.

Specifications

Product specifications in this catalog were correct at the time of publication. However, Play Power LT Farmington, Inc., has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.

Loss or Damage on Transit

A signed bill of lading is our receipt from a carrier that our shipment to you was complete and in good condition. Before you sign, please check this bill of lading carefully when the shipment reaches you to make sure there are no damages or shortages. Once the shipment leaves our plant, we are no longer responsible for any damage, loss or shortage.

Cancellations and Returns

Cancellations will be accepted upon written notification at our offices. Returns will be accepted only when freight charges are prepaid and we have expressly authorized the return. Parts not included are custom parts, as well as used or damaged parts. There will be a restocking fee for all returned orders and on cancelled orders.

Replacement Parts

For park and playground replacement parts, contact the nearest PPLT location (See current catalogue and see back cover).

PRODUCT WARRANTY STATEMENT

Revised January 1, 2008



Full One-Year Warranty

PlayPower LT Farmington, Inc., (PPLT) warrants that if any product components fail due to defects in materials or workmanship, within one year from date of delivery, PPLT will repair or replace such defective components by providing free of charge replacement part(s) to the site. PPLT will not be responsible for the cost of labor for the removal of nor the cost of labor for the installation of repaired or replacement part(s). In addition, the following limited warranties apply from date of delivery for the following PPLT products and components:

Limited 100-Year Warranty

On all KidBuilders® aluminum posts and steel clamps, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 100-Year Warranty

On KidBuilders, SkyBuilders™, PlayBuilders®, N-R-G Builders™ and MaxPlay® steel posts and stainless steel hardware, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 50-Year Warranty

On the performance of LandSoft® Rubber Mulch safety surfacing.

Limited 15-Year Warranty

On KidBuilders, SkyBuilders, PlayBuilders, N-R-G Builders and MaxPlay main structures under normal use and proper maintenance against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship. This warranty includes only the vinyl clad decks, rails, loops and rungs that comprise the main structure.

Limited 15-Year Warranty

On all KidBuilders, SkyBuilders, PlayBuilders, N-R-G Builders, MaxPlay and Versa-Climb® polyethylene slides and enclosures, plastic components and stainless steel slides under normal use and proper maintenance against structural failure caused by defects in materials and workmanship.

Limited 10-Year Warranty

On all ShadeBuilders® steel frames under normal use and proper maintenance against failure due to corrosion, deterioration or faulty workmanship.

Limited 10-Year Warranty

On LandSoft® Rubber Mulch color steadfastness.

Limited 8-Year Warranty

On the performance and appearance of LandSoft Synthetic Turf safety surfacing. Please contact your local representative for more information.

Limited 5-Year Warranty

On all ShadeBuilders fabric due to rot, UV deterioration (shades of red are limited to 3 years) or defective workmanship.

Limited 5-Year Warranty

On all nylon rope steel cables and Matrix® steel cables against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

Limited 5-Year Warranty

On all Clever Climbers™ polyethylene slides, enclosures, main structure, decks, and plastic components against failure caused by defects in materials and workmanship.

Limited 3-Year Warranty

On KidTiles®, KidTimbers® Border Panels, RockTimbers™ Border Panels, Playground Sculptures and all KidRiders® products (excluding spring assemblies) against structural failure due to defects in materials and workmanship.

Limited 1-Year Warranty

On all Learning Lab™ Sensory Tables and Tot Tree plastic components (excluding storage totes) against failure caused by defects in materials and workmanship.

The above mentioned warranties do not include any cosmetic issues, e.g., scratches, rope fraying, dents, marring, fading of colors and discoloration of wood due to weathering, and are valid only if the products are installed in conformity with the layout plan and/or installation instructions furnished by PPLT; have been maintained and inspected in accordance with PPLT's instructions; have not been subjected to misuse, negligence or accident; have not been subjected to addition of substitution of parts; and have not been modified, altered or repaired by persons other than PPLT or PPLT's designees. Labor and damage resulting from vandalism, abnormal use, incorrect installation, or lack of maintenance are not covered by this warranty.

Except as specifically stated herein, all warranties, express or implied, including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose are hereby EXCLUDED. This warranty excludes any liability other than expressly stated including but not limited to any incidental or consequential damages.

Additional PPLT Policies

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Pricing

Prices are subject to change without notice. All orders are subject to approval by PlayPower LT Farmington, Inc.'s, general office. Prices are F.O.B. Farmington, Missouri and do not include freight. Lease purchasing option is available through the Lease Program.

Specifications

Product specifications in this catalog were correct at the time of publication. However, PlayPower LT Farmington, Inc. has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.

Loss or Damage on Transit

A signed bill of lading is our receipt from a carrier that our shipment to you was complete and in good condition. Before you sign, please check this bill of lading carefully when the shipment reaches you to make sure there are no damages or shortages. Once the shipment leaves our plant, we are no longer responsible for any damage, loss or shortage.

Cancellations and Returns

Cancellations will be accepted upon written notification at our offices. Returns will be accepted only when freight charges are prepaid and we have expressly authorized the return. Parts not included are custom parts, as well as used or damaged parts. There will be a restocking fee for all returned orders and on cancelled orders.

Replacement Parts

For park and playground replacement parts, contact the nearest PPLT location (see back cover).



Look for the Boundless Playgrounds® logo that indicates a selected playground model meets *Boundless Playgrounds Performance Criteria* and is an exceptional inclusive play environment that provides developmental advantages for children of all abilities. Boundless Playgrounds is the first national nonprofit organization dedicated to helping communities create extraordinary playgrounds where children, with and without disabilities, can develop essential skills for life as they learn together through play.

Playgrounds that meet Boundless Playgrounds' standards are sensory-rich, rigorous and challenging for everyone, in addition to featuring accommodations for children with physical, developmental, cognitive and sensory disabilities. The use of Boundless Playgrounds' logo signifies that PlayPower LT Farmington, Inc. has received written validation from Boundless Playgrounds that the model specified comply with *Boundless Playgrounds Performance Criteria*. Visit www.boundlessplaygrounds.org to register your project and receive additional tools and services to develop a Boundless™ playground.

Boundless Playgrounds
45 Wintonbury Ave.
Bloomfield, CT 06002
Phone: 860-243-8315
Website: www.boundlessplaygrounds.org

COMMITMENT TO SAFETY

Nothing is more important than a safe, positive play environment for children to play in. Our commitment to providing this positive environment starts with meeting and/or exceeding compliance with the performance safety specifications established by organizations such as ASTM, CPSC, CSA and EN. Beyond compliance, we are an active participant in many of these standard writing bodies providing input into the standard development process. Our associates and representatives have the knowledge and experience to provide positive play designs that provide the challenge and play value for all children.

Commitment to the Environment

Protecting and preserving the environment for our children's future is a priority of everyone at PlayPower LT Farmington, Inc. We are committed to closing the recycling loop by using pre and post-consumer recycled material wherever possible and by ensuring that nearly everything we make can be recycled back into the environment. From steel and aluminum to rubber and plastic, almost everything we make uses some amount of recycled material. By installing a Little Tikes Commercial® play structure we are all doing our part to ensure a better world for our children.

GUIDELINES AND STANDARDS

CPSC

The Consumer Product Safety Commission (CPSC) created playground safety guidelines to help local communities, schools, day care centers, corporations and other groups build safe playgrounds. The Handbook for Public Playground Safety, first published in 1981 includes safety guidelines for designing, constructing, operating and maintaining public playgrounds.
 U.S. Consumer Product Safety Commission
 Washington, D.C. 20207
 E-mail: info@cpsc.gov
 www.cpsc.gov

ASTM

The American Society for Testing and Materials (ASTM) is an independent world renowned developer of technical standards utilized in testing products. Standard Consumer Safety Performance Specifications for Playground Equipment for Public Use, F1487 establishes nationally recognized safety standards for public playground equipment.
 American Society for Testing and Materials
 100 Barr Harbor Drive
 West Conshohocken, PA 19428-2959
 E-Mail: service@astm.org

CSA

Canadian Standard Association (CSA) is an independent organization whose mission is to provide an open and effective forum for activities facilitating the development of standards to meet national needs. The CSA Standard CAN/CSA-Z614, A Guideline on Children's Playspaces and Equipment was approved.
 Canadian Standard Association
 5060 Spectrum Way Suite 100
 Mississauga, Ontario, Canada L4W 5N6
 1-800-463-6727
 www.csa.ca

TÜV Product Service

TÜV Product Service is a world renowned leader in testing and certification activities. European Standard EN1176 is the most up-to-date combined European Standard for Commercial Playground Equipment. Use of the TÜV certification mark is evidence to the customer of product quality and compliance to stringent safety standards.
 TÜV Product Service
 Ridlerstrasse 31
 80339 Munich, Germany
 E-Mail: info@tuvglobal.com

ASTM-F1487 CPSC CAN/CSA-Z614 EN1176

KidBuilders®, SkyBuilders™, PlayBuilders®, MaxPlay® Systems and PlayCenters equipment has been tested to be in conformance with safety requirements and standards set forth by ASTM Standard F1487, excluding sections 10 and 12.6.1.

In the interest of playground safety, IPEMA provides a Third Party Certification Service whereby a designated independent laboratory validates a participant's certification of conformance to ASTM F1487, Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, except sections 10 & 12.6.1; CAN/CSA Z614, Children's Playspaces and Equipment, except clauses 9.6, 10.5 & 11.1.1; or both. The use of the corresponding logo in Little Tikes Commercial® catalog signifies that Little Tikes Commercial has received written validation from the independent laboratory that the product(s) associated with the use of the logo conforms with the requirements of the indicated standard. Check the IPEMA website (www.ipema.org) to confirm product validation.

Validation is an ongoing process as new products are certified and released. Please contact your local representative for an updated listing or visit our web site at <http://www.littletikescommercial.com>

When installed according to our layout drawings and installation instructions, KidBuilders, SkyBuilders, PlayBuilders, MaxPlay Systems and PlayCenters play equipment meet guidelines as defined in the U.S. Consumer Product Safety Commission's Handbook for Public Playground Safety and the Canadian Standard CAN/CSA-Z614.

KidBuilders, PlayBuilders, MaxPlay, PlayCenters and Spring Riders have been certified to the EN 1176 by TÜV Product Service GMBH.



PlayPower LT Farmington, Inc. is a member in good standing of IPEMA, the International Play Equipment Manufacturers Association. IPEMA is a member-driven international trade organization that represents and promotes an open market for manufacturers of play equipment.



American Welding Society Certified D1.1



Canadian Welding Bureau Certified



PlayPower LT Farmington, Inc. Is certified to ISO 9001:2000



GEOTEX
FABRIC

WOVEN SLIT FILM GEOTEXTILES

Featuring high tensile strengths and low elongations, our Geotex® woven geotextiles have a remarkable capacity for filtering soils, distributing loads, reducing rutting and extending the life of paved and unpaved roadways. Made from individual yarns woven together to provide dimensionally stable geotextiles, they are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils. All of our woven geotextiles are backed by decades of in-field performance in everything from separation and filtration to erosion control and waste containment applications.



- 1007741 GEOTEX 135ST/2000 (12.5X432) 600SY/RL
- 1008421 GEOTEX 135ST/2000 (17.5X360) 700SY/RL
- 1007738 GEOTEX 200ST/2002 (12.5X432) 600SY/RL
- 1007742 GEOTEX 200ST/2002 (17.5X309) 600SY/RL
- 1008445 GEOTEX 250ST/2004 (12.5X360) 500SY/RL
- 1008446 GEOTEX 250ST/2004 (17.5X258) 501.67SY/RL
- 1007997 GEOTEX 315ST/2006 (12.5X360) 500SY/RL
- 1008066 GEOTEX 315ST/2006 (17.5X258) 501.67SY/RL

Geosynthetics

NONWOVEN GEOTEXTILES

Made from the highest quality polypropylene fibers, our Geotex® nonwoven geotextiles are needlepunched to form a strong fabric that retains its dimensional stability, adding years to the life of any roadway, railroad, landfill or civil/environmental engineering project. Used in subsurface drainage, separation, stabilization, erosion control and cushioning applications, our geotextiles are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils.

Geotex® Lightweight Nonwovens

The ability of lightweight Geotex® nonwoven needle punched geotextiles to restrict soil particles but allow water to easily pass through makes them perfect for filtration and/or separation applications.

- 1009743 GEOTEX 311/4535 (12.5X360) 500SY/RL
- 1004840 GEOTEX 311/4535 (15X360) 600SY/RL
- 1009744 GEOTEX 351/4545 (12.5X360) 500SY/RL
- 1004779 GEOTEX 351/4545 (15X360) 600SY/RL
- 1008179 GEOTEX 451/4547 (12.5X360) 500SY/RL
- 1008178 GEOTEX 451/4547 (15X360) 600SY/RL

GEOTEX® NONWOVEN

SPECIFICATION- System 1

SECTION 02790

WOODCARPET
PLAYGROUND SURFACING

A. **Product Data:** Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM F1292, F1951, and F2075 test results, IPEMA certificates of compliance, and samples.

ENGINEERED FIBER

B. **Manufacturer Qualifications:**

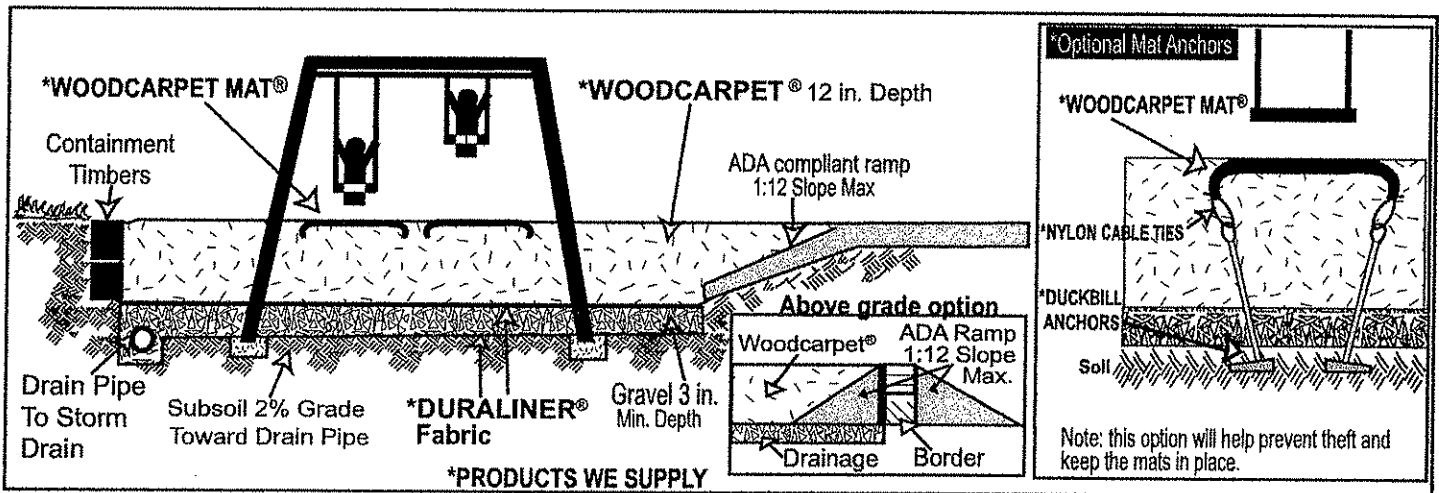
1. Member of International Play Equipment Manufacturer's Association (IPEMA).
2. Total Liability Insurance Coverage: \$11,000,000.
3. Sales Representatives certified by National Playground Safety Institute (NPSI).

C. **Warranty Covers Playground Surfacing for Following Periods:**

1. Engineered Wood Fiber Playground Surfacing: 15 years
2. Playground Surfacing Wear Mat: 5 years

D. **Manufacturer:**

1. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524.
2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227.



E. **Application:** outdoor playground surface using drainage gravel.

F. **Critical Height:** 12" / 12 feet fall protection. 8" / 8 feet fall protection.

G. **Installation Procedure:**

1. Review project plans and verify that playground equipment use zones, clearances, and reach ranges will comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
2. Prepare the site in accordance with the project engineer's directions and project specifications. Ensure that drainage is routed away from or around the playground area to prevent sand, soil, silt, or other foreign material from contaminating the WOODCARPET®. Grade subsoil to a 2% grade toward the drain pipe. Max 7-8% with stable sub-surface.
3. Install playground equipment.
4. Place a layer of DURALINER® on top of the subsoil. Overlap seams 10 in. (25cm), or 5 in. (63cm) if a double bead of exterior grade construction adhesive is applied to the overlap. Place seams parallel to direction of slides and travel of swings when ever possible.
5. Excavate a minimum 8 in.w. x 8 in.d. (20cm x 20cm) trench along the low end of the area to a storm drain. Install drain pipe.
6. Spread drainage gravel (1 in. - 2 in. [3cm-6cm] clean gravel) to a minimum depth of 3 in. (8cm). Fill drainage trench.
7. Install timbers or an alternate containment system above or below grade. Provide for an access ramp up to play surface if above ground (max 7-8%) or down to if play surface is below grade that complies with ASTM F1487 Section 10.
8. As described in Step 4, place an additional layer of DURALINER® on top of the drainage gravel.
9. Spread WOODCARPET® to a minimum depth of 8 in. after compaction for play equipment under 4 ft. high and to a minimum depth of 12 in. after compaction for play equipment over 4 ft. high. Natural compaction (approx. 1/3) will occur in 2 - 6 weeks. WOODCARPET® must be compacted to be accessible. Mechanically compacting WOOD-CARPET® requires approximately 15% more WOODCARPET® than natural compaction. Exercise caution to prevent damaging the DURALINER® and drain materials. Do not operate equipment directly on the DURALINER®.
- *10. Install a WOODCARPET® Mat (PVC or Foam) in each kick-out area. When installing a wear mat on top of WOODCARPET®, dig a channel around the mat edge down to the base of the WOODCARPET® and slope mat edges down into the channel. If anchoring the mat, install anchors and nylon cable ties to attach the mat to the anchors. Refill the channel with WOODCARPET®. Foam mats must use anchor system with system 1. Anchoring is optional for PVC mats.
11. Inspect the playground and verify that playground equipment use zones, clearances, and reach ranges comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
12. Rake WOODCARPET® level a second time two weeks after installation is finished and as needed thereafter.

*Installation of wear mats under all swings and other high-use areas is required in the state of California.

H. Notes:

1. Inadequate drainage voids the WOODCARPET® conditional limited warranty and hastens decomposition.
2. For immediate accessibility, install WOODCARPET® in 6 in. maximum layers. Rake level, wet, and mechanically compact each layer twice with a flat surface compactor. Change direction 90 degrees on second compaction.
3. Periodic maintenance should include removing debris, raking and topping off by performing steps 9 and 11. See also WOODCARPET® maintenance recommendations.

I. Products**1. Engineered Wood Fiber Playground Surfacing: WOODCARPET®****a. Composition:**

(1) Premium Woodcarpet contains 100% pre-consumer recovered wood.

(2) Recycled Woodcarpet may contain up to 100% post-consumer recovered wood.

b. Dimensions: Randomly sized wood fibers.

c. Sieve Analysis, ASTM F2075-04: Meets criteria.

d. Hazardous metal, ASTM F2075-04: Meets criteria.

e. Tramp metal, ASTM F2075-04: Meets criteria.

f. Impact, ASTM F1292-04: 8 inches meets criteria up to 8 ft. fall height and 12 inches meets criteria up to 12 ft. fall height.

g. Accessibility, ASTM F1951: Meets criteria.

h. Resistance to Flammability, 16 FR Part 1630 Standard for Surface. Flammability of Carpets and Rugs (FFI-70), Modified Procedure. Not Oven Dried: Meets Criteria.

i. Flammability, 16 CFR 1500.44, Federal Hazardous Substances Act Title 16, Chapter II, Subchapter C for Rigid and Pliable Solids: Did not ignite.

j. IPEMA Certification: 8"/8ft., 12"/12ft. Fall protection. F1292-04 Tramp metals, Sieve analysis, Heavy Metals. F2075-04

2. Fabric: DURALINER®

a. Composition: Non-woven, needle-punched, UV-treated, polypropylene or polyester fabric.

b. Recycled content: 0%.

c. Size: 5 to 6 feet wide x 250 feet long.

d. Weight, ASTM D3776: Min. 3.69 ounces per square yard.

e. Thickness, ASTM D5199: min. 55 mils.

f. Grab Tensile Strength, ASTM D4632: min. 90 pounds.

g. Mullen Burst Strength, ASTM D3786: min. 132 pounds.

h. Puncture Resistance, ASTM D4833: min. 60 pounds.

i. Trapezoid Tearing Strength, ASTM D4533: min. 40 pounds.

j. Permittivity, ASTM D4491: min. 1.9 sec-1.

k. Flow Rate, ASTM D4491: min. 145 gallons per minute per sq. ft

l. Permeability, ASTM D4491: min. 0.24 centimeters per second.

I. Products-cont.**3. Playground Surfacing Wear Mat: WOODCARPET® PVC MAT**

a. Composition: Polyvinylchloride (PVC).

b. Recycled Content: 60 % Preconsumer recovered pvc.

c. Drain Holes: 3/8 inch diameter holes, one per 10 square inches.

d. Size: 42 in. x 42 in. [slide exit], 42 in. x 78 in. [swing], 78 in. x 78 in. [tire swing, vertical spinner], 78 in. x 90 in. [swing bay], 156 in. OD x 73.5 in. ID [merry go round, supernova], 67.5 in. OD [supernova].

e. Weight: 3.0 pounds per square foot.

f. Thickness: 3/4 inches.

g. Impact, ASTM F1292: Over 11.25 inches of Woodcarpet, meets criteria up to 12 feet.

h. IPEMA Certification: Over 11.25 inches of Woodcarpet, rated to 12 feet.

4. Playground Surfacing Wear Mat: WOODCARPET® FOAM MAT.

a. Composition: Closed-cell, cross-linked, polyethylene foam.

b. Recycled content: 100% pre-consumer recovered foam.

c. Top surface: Covered with layer of heavy duty vinyl.

d. Drain holes: 3/8 diameter holes, one per square foot.

e. Size: 44 in. x 44 in. [slide exit], 44 in. x 74 in. [swing]

f. Finished size: 32in.x32in. [slide exit], 32inx62in. [swing]

g. Weight: 1" thick= 1.5 pounds per square foot.

h. Thickness: 1 & 2 inches. (2" to be discontinued)

i. Impact, ASTM F1292: 1 in. thick mat meets criteria up to 4 feet.

j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft. fall protection.

free standing play events

Stand-Alone Play Events that Always Draw Crowds!

Once you've selected your play structure and the modular play events you want attached, don't forget Free Standing Play Events! Miracle's wide selection of freestanding play events balance traffic throughout your play area, keep kids moving aerobically, develop coordination, spark imagination, cooperative play and help fulfill your ADA ground level requirements! See them all at www.miracle-recreation.com/catalog.

Bug Bites® Spring Riders

Spring Riders Add a Bounce of Fun! These playful spring riders are a smash with the small set. Diversify your playground for younger-kid appeal, or group them for a special play area.



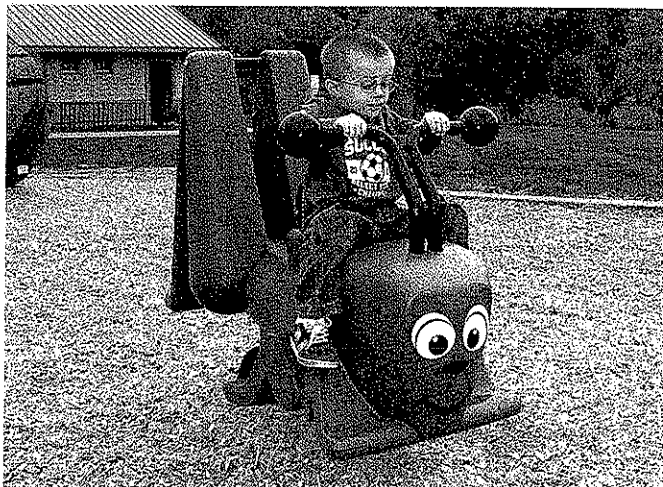
960 LUCKY THE LADY BUG \$1,029

- Friendly ADA Spring Rider
- Protective area: 17' x 16' (5.2m x 4.9m)
- Ages 2-5



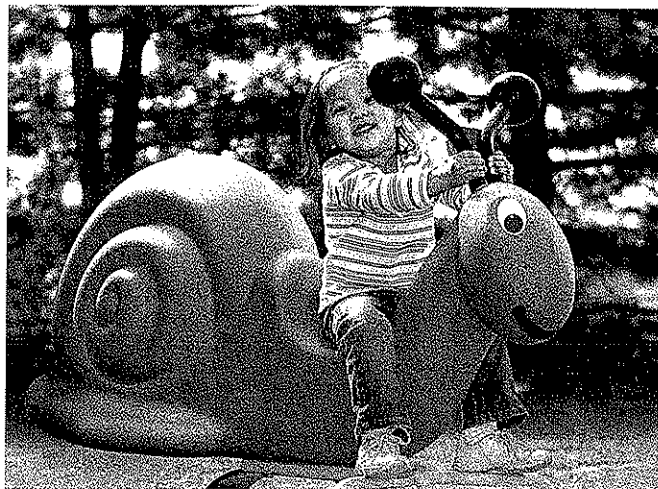
961 BUZZY THE BUMBLEBEE \$862

- Two-seated rider lets kids share the fun
- Large oversized wings encourage transfer use by a child with a disability.
- Protective area: 17' x 15' (5.2m x 4.6m)
- Ages 2-5



962 HOPPY THE GRASSHOPPER \$855

- Keeps single rider hopping
- Protective area: 18' x 17' (5.5m x 5.2m)
- Ages 2-5



963 POKEY THE SNAIL \$579

- Single-seat Rider
- Protective area: 17' x 15' (5.2m x 4.6m)
- Ages 2-5



6m)



939 SPACESHIP ENDEAVOR \$979

- Blast-off for 2 passengers
- Protective area: 16' x 17' (16.3m x 5.2m)
- Ages 2-5

91
- P
- A



952 FLIPPO OFFSPRING™ RIDER \$987

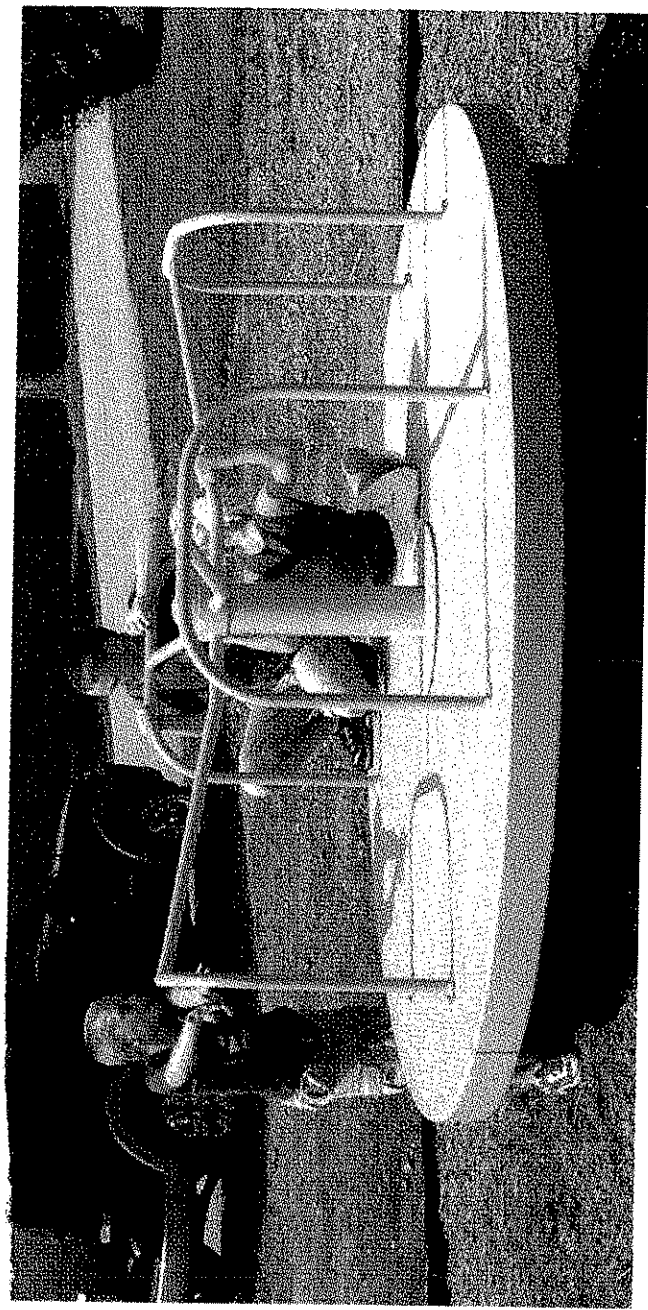
- Kid-friendly critter has room for 2
- Double C-springs
- Ages 2-5

917
- Pro
- Age

ACCESSORIES

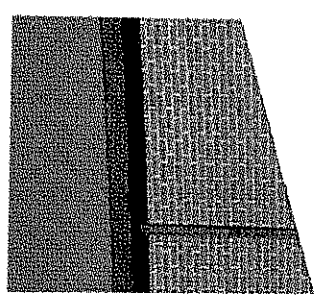
MERRY GO ROUND

WHIRL AROUND



303 THE WHIRL

- classic merry-go-round
- Punched steel disc spins on axis with speed control
- Protective Area: 20' (6.1m) Diameter
- 1,100 lbs. (499kg)
- Ages 5-12



BUCK ABOUT
2 SEAT

407 FOUR WAY SPRING-SAW (W/ 2 SADDLE SEATS & 2 FUN-A-MULS)

1/12/2005

SPECIFICATIONS

| Weight: | Cubic Measure: | Ground Area: | Minimum Use Zone: |
|--------------------------|----------------|-------------------------------|-------------------|
| 404 - 539 lbs. (243 kg.) | 48.4 cu. ft. | 12' x 12' (3658 mm x 3658 mm) | 24' Diameter |
| 406 - 499 lbs. (225 kg.) | 48.4 cu. ft. | 12' x 12' (3658 mm x 3658 mm) | 24' Diameter |
| 407 - 519 lbs. (519 kg.) | 48.4 cu. ft. | 12' x 12' (3658 mm x 3658 mm) | 24' Diameter |

ARM ASSEMBLY: Shall be fabricated of 3-1/2" O.D. galvanized steel pipe or equal. Fun-A-Mul mounting plates shall be 1/4" x 3-1/2" H.R. steel. Spring mounting bracket shall be 1/4" steel plate. Center protection dome shall be 11 gauge steel, 48" diameter "dish" shape with a rolled safety edge with 1/2 x2 steel brackets welded inside. The four arm assemblies shall bolt at center to obtain the 4-way unit. A steel ball assembly shall be welded in center of base plate to obtain a fulcrum. This fulcrum system is designed for safety and allows unit to operate even if half the springs should fail.

BASE PLATE: Shall be fabricated of 1/2" x 24" x 24" H.R. steel or equal. A 3-1/2" O.D. steel pipe with steel ball shall be welded to plate. Base plate shall be punched for spring mounting clamps and anchor bolts.

SPRINGS: Shall be 3/4" diameter steel wire, 5-1/2" O.D. x 13-1/2" long. The coil spring is specially designed for playground use.

SPRING HOLD DOWN CLAMP: Shall be cast of high strength malleable iron.

ALUMINUM FUN-A MULS AND SADDLE SEATS: Shall be cast aluminum. A 3/4" aluminum rod shall be welded to animal to provide a handhold.

GENERAL: The spring unit shall be supported by four coil springs and a safety fulcrum system. If half the springs should fail, the teetering fulcrum can continue to operate.

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| 404 PARTS LIST | | |
|----------------|--|-----|
| PART NO. | DESCRIPTION | QTY |
| 200326 | Coil Spring | 4 |
| 200421 | Spring Clamp | 8 |
| 200514 | Arm Assembly | 4 |
| 200515 | Base Assembly | 1 |
| 200516 | Protection Dome | 1 |
| 200517 | Center Hub Assembly | 1 |
| 600077 | Anchor Bolts | 4 |
| ***** | Choice of Fun-A-Mul (except dinosaurs) | 4 |
| 700404 | Hardware Package | 1 |

| 406 PARTS LIST | | |
|----------------|---------------------|-----|
| PART NO. | DESCRIPTION | QTY |
| 200326 | Coil Spring | 4 |
| 200421 | Spring Clamp | 8 |
| 200514 | Arm Assembly | 4 |
| 200515 | Base Assembly | 1 |
| 200516 | Protection Dome | 1 |
| 200517 | Center Hub Assembly | 1 |
| 600077 | Anchor Bolts | 4 |
| 200939 | Saddle Seat | 4 |
| 700404 | Hardware Package | 1 |

| 407 PARTS LIST | | |
|----------------|--|-----|
| PART NO. | DESCRIPTION | QTY |
| 200326 | Coil Spring | 4 |
| 200421 | Spring Clamp | 8 |
| 200514 | Arm Assembly | 4 |
| 200515 | Base Assembly | 1 |
| 200516 | Protection Dome | 1 |
| 200517 | Center Hub Assembly | 1 |
| 600077 | Anchor Bolts | 4 |
| 200939 | Saddle Seat | 2 |
| ***** | Choice of Fun-A-Mul (except dinosaurs) | 2 |
| 700404 | Hardware Package | 1 |

| 700404 PARTS LIST | | |
|-------------------|-----------------------------|-----|
| PART NO. | DESCRIPTION | QTY |
| 20074 | Large Swing Hanger Top | 2 |
| 302634 | Spring Saw Spacer | 4 |
| 600087 | 1/2" x 1-1/2" Hex Head Bolt | 16 |
| 600102 | 1/2" x 1-1/2" Hex Bolt | 16 |
| 600139 | 3/8" x 4" Hex Bolt | 4 |
| 600311 | 3/8" Hex Nut | 4 |
| 600313 | 1/2" Hex Nut | 16 |
| 600412 | 3/8" Lockwasher | 20 |
| 600413 | 1/2" Lockwasher | 32 |
| 600418 | 3/4" Lockwasher | 4 |
| 600-202 | 3/8" x 1" Button Head Bolt | 16 |
| 600468 | 3/8" Nylon Flatwasher | 16 |
| 600318 | 3/4" Hex Nut | 8 |

Before beginning actual installation refer to General Warnings and Playground Inspection Sheet for important information detailing the responsibilities and requirements for the owners and installers of this playground.