



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
 DNR209122

PAGE
 1

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

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

Blue Ridge Outdoor Designs
 PO Box 123
 Blue Ridge VA 24064 USA
 brokenground@verizon.net
 540-797-2215

SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/18/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
<p>PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)</p> <p><i>Playland International</i></p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FROM RESPONSIBLE VENDORS FOR NEW PLAYGROUND EQUIPMENT FOR CEDAR CREEK STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS MAY BE SUBMITTED IN WRITING TO FRANK WHITTAKER VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR TECHNICAL QUESTIONS IS 04/06/2009 AT 4:00 PM</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 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 style="text-align: center;">NOTICE</p>						

2009 APR 21 PM 1:08
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	540 765 7586	4/20/09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President	CA-1732490	

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



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SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
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 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/18/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<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.: DNR209122</p> <p>BID OPENING DATE: 04/22/2009</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p style="text-align: center;">----- 423-839-2142 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p style="text-align: center;">----- SIM JONES -----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
	540 765 7586	4/26/09	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
President	54-1732490		

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



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

SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
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 GLENVILLE, WV
 26351 462-7158

VENDOR

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/18/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DNR209122 ***** TOTAL:						\$105,155

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 540 765 7586	DATE 4/20/09
TITLE President	FEIN 54-1732490	ADDRESS CHANGES TO BE NOTED ABOVE

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

WVDNR209122
Cedar Creek State Park
PLAYGROUND EQUIPMENT SHEET

Please complete the below information concerning the brand(s) of equipment being bid in relation to this project. If bidding "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 Proposal.

Item No.	Equipment	Manufacturer	Model
1	Bathhouse # 1 Area Playground Henderson custom play structure, Model #PF09679RO, or equal.	Playland	PS5-27430
2	Laundry/Bathhouse Area Playgrounds Henderson custom play structure, Model #PF09680RO, or equal.	Playland	PS5-27431
3	Bathhouse #3 Area Playground Henderson custom play structure, Model #PF09681RO, or equal.	Playland	PS5-27432
4	One Room School Area Playground Henderson custom play structure, Model #PF09682RO, or equal.	Playland.	PS5-27433
5	One Room School Area Playground Area Henderson 1- bay arch wing 8' complete with belt seats, Model #SW340, or equal.	Playland	90015201
6	One Room School Area Playground Area Henderson arch swing 8' extend a half bay complete with baby seat, Model #SW342, or equal.	Playland	90915200
7	Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms funtimber with spike, Model #FTB-00002, or	Childforms	FTB-00002

WVDNR209122
Cedar Creek State Park
PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Model
8	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms filter ends, Model #ADJ-00008, or equal.	Childforms ADJ-00008	ADJ-00008
9	Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area geo-textile fabric or	Zenger	Wood Carpet
10	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area engineered wood fiber @ 8" compacted depth.	Zenger	Wood Carpet

Cedar Creek State Park Playground Equipment
PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	1	Bathhouse # 1 Area Playground Henderson custom play structure, Model #PF09679RO, or equal.	\$10,251	\$10,250
2	1	Laundry/Bathhouse Area Playgrounds Henderson custom play structure, Model #PF09680R0, or equal.	\$11,993	\$11,993
3	1	Bathhouse #3 Area Playground Henderson custom play structure, Model #PF09681RO, or equal.	\$27,000	\$27,000
4	1	One Room School Area Playground Henderson custom play structure, Model #PF09682RO, or equal.	\$44,300	\$44,300
5	1	One Room School Area Playground Area Henderson 1-bay arch wing 8' complete with belt seats, Model #SW340, or equal.	3,000	3,000
6	1	One Room School Area Playground Area Henderson arch swing 8' extend a half bay complete with baby seat, Model #SW342, or equal.	included above	
7	168	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms funtimber with spike, Model #FTB-00002, or equal.	\$21.50	3612. ⁰⁰
8	8	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area childforms filter ends, Model #ADJ-00008, or equal.	included above	
9	6,985 square feet	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area geo-textile fabric or equal.	@.10	\$700
10	6,985 square feet	Bathhouse #1 Area Playground, Laundry/Bathhouse Area Playground, Bathhouse #3 Area engineered wood fiber @ 8" compacted depth.	0.6156	\$4,300
			TOTAL	\$105,155



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 304-558-2316

VENDOR

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SHIP TO

DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
03/23/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE MANDATORY PRE-BID INFORMATION WHICH WAS OMITTED FROM THE ORIGINAL RFQ.						
A MANDATORY PRE-BID CONFERENCE WILL BE HELD ON APRIL 1, 2009 AT 1:00 PM AT CEDAR CREEK STATE PARK HEADQUARTERS. FAILURE TO ATTEND THE MANDATORY PRE-BID CONFERENCE WILL RESULT IN BID DISQUALIFICATION. AN INDIVIDUAL MAY NOT REPRESENT MORE THAN ONE FIRM AT THE MANDATORY PRE-BID CONFERENCE.						
BID OPENING DATE AND DEADLINE FOR TECHNICAL QUESTIONS HAVE NOT CHANGED.						
TECHNICAL QUESTIONS DEADLINE: 04/06/09 AT 4:00 PM						
BID OPENING: 04/22/09 AT 1:30 PM						
0001	1	LS		650-38		
PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)						<i>Playland International</i>
***** THIS IS THE END OF RFQ DNR209122 *****						TOTAL: <i>\$105,155</i>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 5407657586 DATE: 4/20/09

TITLE: *Procurement* FEIN: 54-1732490 ADDRESS CHANGES TO BE NOTED ABOVE

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 Department of Administration
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ADDRESS CORRESPONDENCE TO ATTENTION OF:
 FRANK WHITTAKER
 304-558-2316

VENDOR
 *112104709 540-765-7586
 BLUE RIDGE OUTDOOR DESIGNS
 PO BOX 123
 BLUE RIDGE VA 24064-0123

SHIP TO
 DIVISION OF NATURAL RESOURCES
 CEDAR CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 ROUTE 1, BOX 9
 GLENVILLE, WV
 26351 462-7158

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/15/2009				

BID OPENING DATE: 04/22/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO 2 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED VENDOR QUESTIONS & AGENCY RESPONSES AND THE MANDATORY PRE-BID MEETING SIGN IN SHEET.						
0001	1	LS		650-38		
PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)						<i>Playland International</i>
***** THIS IS THE END OF RFQ DNR209122 *****						TOTAL: <u>\$105,155</u>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 540-765-7586 DATE: 4/20/09
 TITLE: *President* FEIN: 54-1732490 ADDRESS CHANGES TO BE NOTED ABOVE

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

State of West Virginia VENDOR PREFERENCE CERTIFICATE

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

1. NA **Application is made for 2.5% resident vendor preference for the reason checked:**
Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
NA Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or** 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
NA Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

2. NA **Application is made for 2.5% resident vendor preference for the reason checked:**
Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

3. NA **Application is made for 2.5% resident vendor preference for the reason checked:**
Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

4. NA **Application is made for 5% resident vendor preference for the reason checked:**
Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

5. NA **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

6. NA **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Blue Ridge Outdoor Designs Signed: [Signature]
Date: 4-20-09 Title: President

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

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

ANTITRUST:

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

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

LICENSING:

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

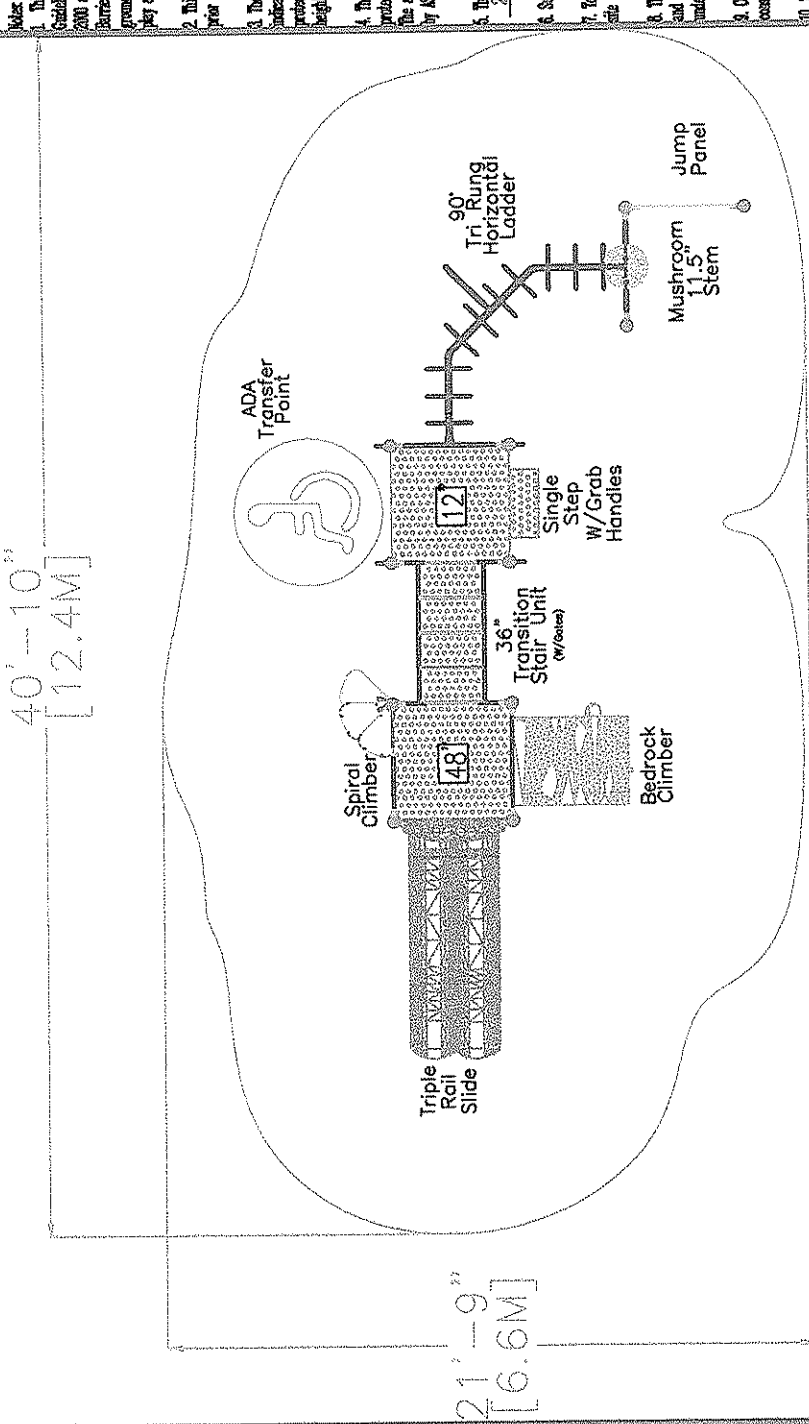
CONFIDENTIALITY:

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

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

Vendor's Name: Blue Ridge Outdoor Designs
Authorized Signature: [Signature] President Date: 4/20/09

PLAYLAND



Notes

- This play structure design will meet ADA Accessibility Guidelines for Buildings and Facilities, effective November 17, 2003 as published by the Architectural and Transportation Barriers Compliance Board with the addition of 0 different types of ground level play components of 0 different types of play and when installed over accessible sidewalk.
- This site plan should be checked against the actual site area prior to the purchase or installation of equipment.
- The unit of measure located in the center of the platform indicates the height above the protective surfacing level. The protective surfacing for this design must accommodate a fall height of at least 5 ft, unless otherwise noted.
- The structure size for this unit is 20 X 10, requiring protective surfacing for an overall use area of 41 X 22. The approximate surface area is 713 sq ft. by ASTM P 1487-07 guidelines.
- The structure is designed to accommodate 23 children from 2-5 years of age.
- Supervise Children as they play.
- To ensure that accurate measurements are obtained from this site plan, print copies on 11 x 17 paper at full scale.
- The customer responsibility is to check local soil conditions and drainage within the site. The site must also be surveyed for underground utilities prior to excavation.
- Completely read your installation manual prior to beginning construction.
- This design configuration is the property of this firm and Playland Inc. and may not be reproduced or used in any manner without the expressed written consent of this firm and Playland.
- Perimeter Requires 27' Land Slope Timbers 4' long

Arcel R-u-nice

PLAYLAND COST ESTIMATE

ESTIMATE DATE: 04/17/09

STRUCTURE #: PS5-27430

NOTES:

- Prices do not include installation or safety surfacing
- Please allow 5-6 weeks for manufacturing
- All equipment quotes are valid for 90 days/freight 45 days

Q#
38707

PART NUMBER	DESCRIPTION	RETAIL	QTY	EXTENDED	WEIGHT
50003009XX	Post w/cap 108" length - 5"	196.75	2	393.50	118
50003010XX	Post w/cap 120" length - 5"	216.43	5	1082.15	320
50003011XX	Post w/cap 132" length - 5"	236.11	3	708.33	207
90021211XX	Mushroom - 11 1/2" KIT	343.44	1	343.44	39
TEX01200XX	Platform - 48" Bolt-On Square	544.34	2	1088.68	188
TEX01330XX	Tri-Rung 90 HLadder 5" CLine	751.59	1	751.59	118
TEX04278XX	Panel - Jump 5" C-Line	470.89	1	470.89	45
TEX07752XX	Single Step w/D-Handles 5"	283.00	1	283.00	
TEX07762XX	D-Grab Double 5"	104.26	1	104.26	8
TEX08694XX	Triple Rail Slide 48" - 5" Bol	968.68	1	968.68	150
TEX10501XX	36" ADA Trans Stair 5"	1690.59	1	1690.59	269
TEX12593XX	48" Spiral Climber w/Gate 5" C	1215.27	1	1215.27	232
TEX14130XX	48" dh Bedrock Climber - 5"	1150.34	1	1150.34	75
2-5 LABEL	LABEL, 2-5 YEAR, PLY 4.25" X 4	.00	3	.00	
PURCHASINGK	PURCHASING KIT	.00	1	.00	
				-----	-----
REPORT TOTAL:				10250.72	1769
				=====	=====

C... R... U...



Note:
 1. This play structure design will meet ADA Accessibility Guidelines for Buildings and Facilities effective November 17, 2010 as published by the Architectural and Transportation Barriers Compliance Board with the addition of 0 ground level play components of 0 different types of play and when installed over accessible surfacing.

2. This site plan should be checked against the actual site area prior to the purchase or installation of equipment.
 3. The unit of measure located in the center of the platform indicates the height above the protective surfacing level. The protective surfacing for this design must accommodate a fall height of at least 0 ft, unless otherwise noted.

4. The structure size for this unit is 28' X 13' requiring protective surfacing for an overall size area of 40' X 26'. The approximate entrance area is 14' X 9' ft. by ASTM F 1487-07 guidelines.

5. The structure is designed to accommodate 25 children from 5-12 years of age.

6. Superior Children as they play.
 7. To ensure that accurate measurements are obtained from this site plan, print copies on 11 x 17 paper at full scale.

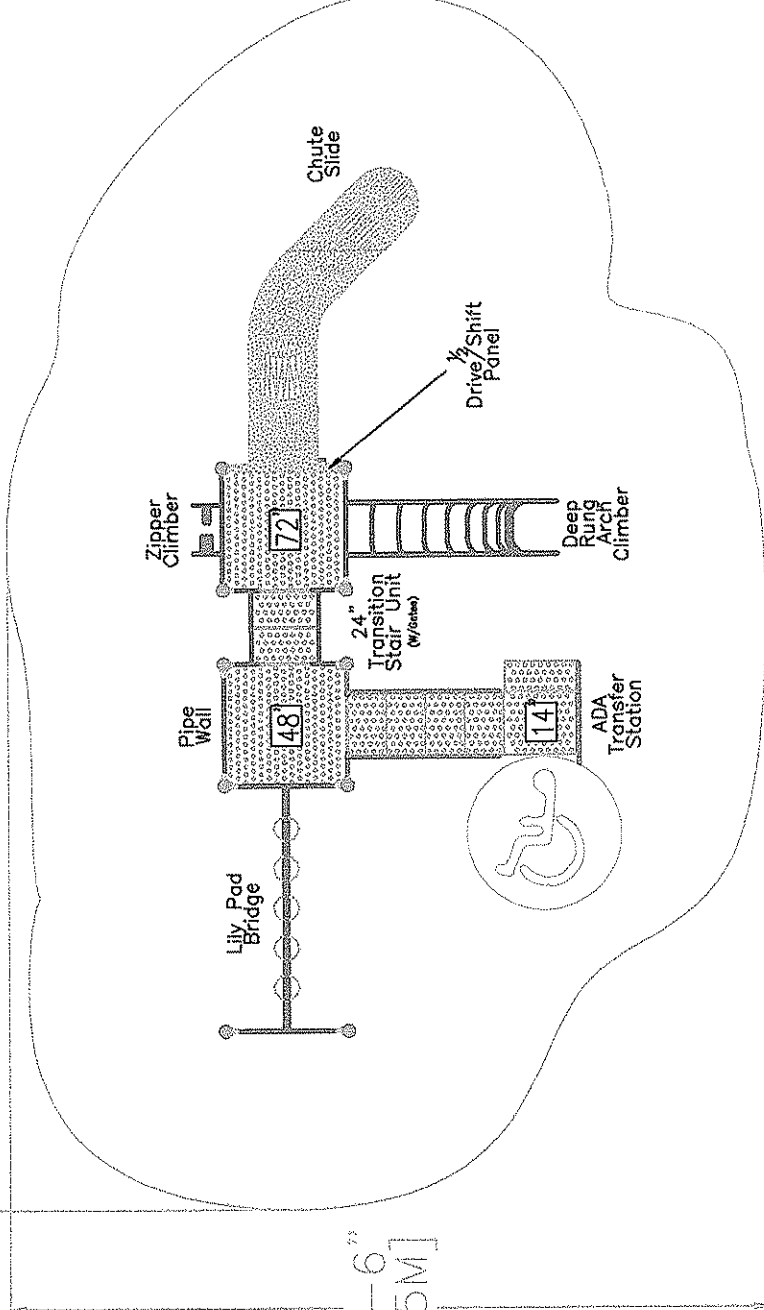
8. The customer's responsibility is to check local soil conditions and drainage within the site. The site must also be surveyed for underground utilities prior to excavation.

9. Completely read your installation manual prior to beginning construction.

10. This design configuration is the property of this firm and Playland Inc. and may not be reproduced or used in any manner without the expressed written consent of this firm and Playland.

11. Permittee Requires 27' Lead Scope Timbers 4' Long.

39' - 8"
 [12.1M]



24' - 6"
 [7.5M]

None

1 of 2

Beverly Smith

4/17/09

PS5-27431

Area 7 (m...)

PLAYLAND COST ESTIMATE

ESTIMATE DATE: 04/17/09

STRUCTURE #: PS5-27431

Q#
38708

NOTES:

- Prices do not include installation or safety surfacing
- Please allow 5-6 weeks for manufacturing
- All equipment quotes are valid for 90 days/freight 45 days

PART NUMBER	DESCRIPTION	RETAIL	QTY	EXTENDED	WEIGHT
50003011XX	Post w/cap 132" length - 5"	236.11	6	1416.66	414
50003013XX	Post w/cap 156" length - 5"	275.45	4	1101.80	316
TEX00730XX	Slide-Right Chute 6 ft. Deck 5	1551.87	1	1551.87	175
TEX00852XX	Pipe Wall 5" C-Line	406.62	1	406.62	50
TEX00975XX	Fab.Wldmt. 72" Deep Rung Arch	956.22	1	956.22	94
TEX01001XX	72" Zipper Climber 5"	633.55	1	633.55	73
TEX01200XX	Platform - 48" Bolt-On Square	544.34	2	1088.68	188
TEX01984XX	Lilly Pad Bridge-96"-5" CLine	1530.73	1	1530.73	160
TEX02269XX	48" ADA Transfer Sta. 5" C-Lin	1383.83	1	1383.83	292
TEX03599XX	Panel - Half Driving 5" CLine	615.18	1	615.18	36
TEX07202XX	24" ADA Trans Stair 5"	1308.20	1	1308.20	154
5-12 LABEL	LABEL, 5-12 YEAR, PLY 4.25" X	.00	3	.00	
PURCHASINGK	PURCHASING KIT	.00	1	.00	
REPORT TOTAL:				11993.34	1952
				=====	=====

Wro... (unclear)



Notes:

1. This play structure design will meet all Accessibility Guidelines for Buildings and Facilities effective November 17, 2000 as published by the Architectural and Transportation Barriers Compliance Board with the addition of _____ 3 _____ ground level play components of _____ 3 _____ different types of play not yet included over accessible entryway.

2. This site plan should be checked against the actual site area prior to the purchase or installation of equipment.

3. The unit of measure located in the center of the platform indicates the height above the protective surfacing level. The protective surfacing for this design must accommodate a fall height of at least _____ 5 _____ ft. unless otherwise noted.

4. The structure size for this unit is 41 x 23 _____ 60 _____ feeting protective surfacing for an overall use size of _____ 60 x 41 _____ feet. The approximate surface area is _____ 1,683 _____ sq. ft. by ASTM F 1487-07 guidelines.

5. The structure is designed to accommodate _____ 62 _____ children from _____ 5-12 _____ years of age.

6. Supervise Children as they play.

7. To ensure that accurate measurements are obtained from this site plan, print copies on 11 x 17 paper at full scale.

8. The customer's responsibility is to check local soil conditions and drainage within the site. The site must also be surveyed for underground utilities prior to excavation.

9. Completely read your installation manual prior to beginning construction.

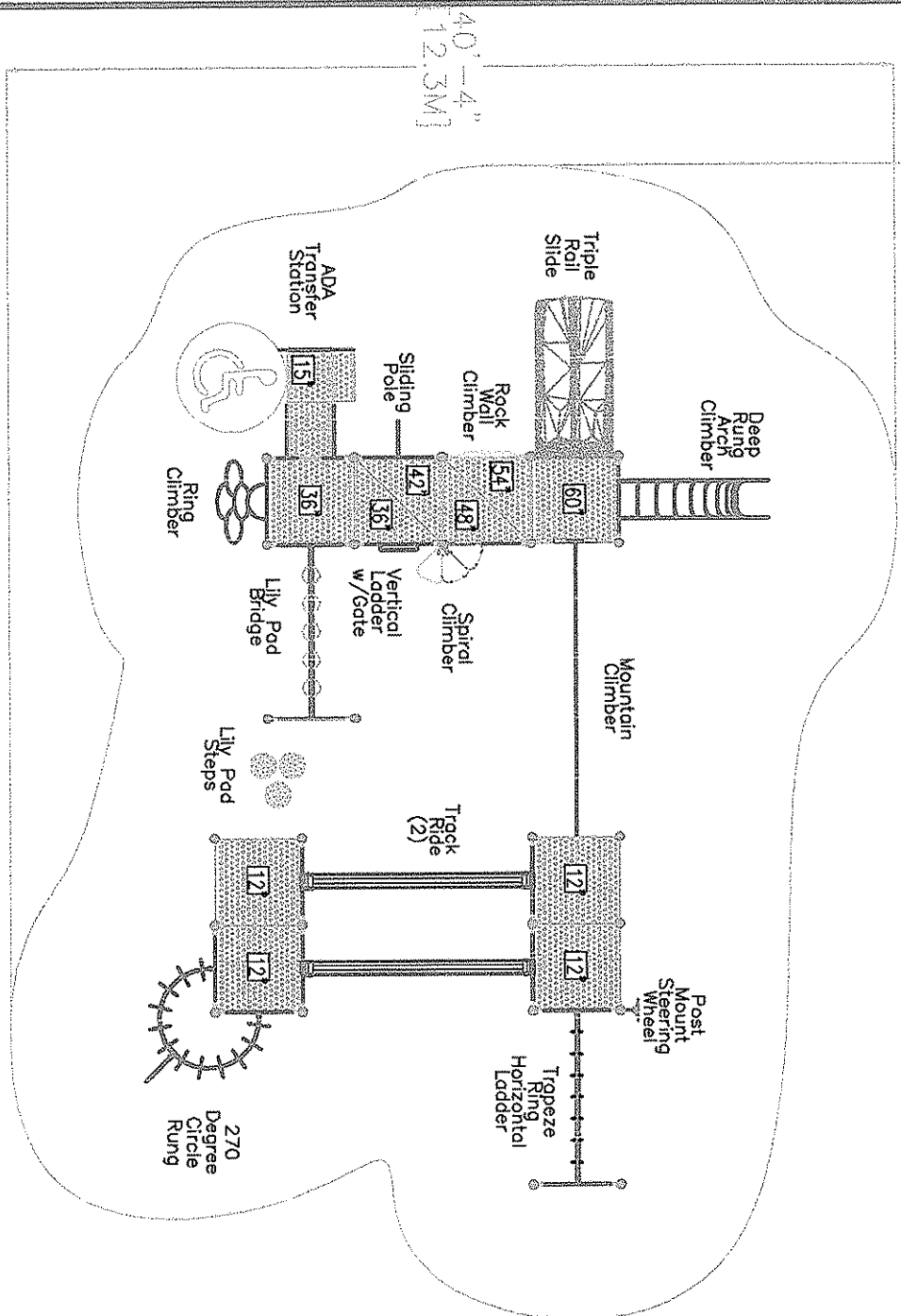
10. This design configuration is the property of this firm and original line and may not be reproduced or used in any manner without the expressed written consent of this firm and Playland.

11. Perimeter requires _____ 40 _____ Land Scope Timbers 4" Long

None

53'
[16.2M]

40'-4"
[12.3M]



PSS-27432

4/20/09

Pat Lee

1 of 2

Appendix 3

PLAYLAND COST ESTIMATE

ESTIMATE DATE: 04/20/09

STRUCTURE #: PS5-27432

NOTES:

- Prices do not include installation or safety surfacing
- Please allow 5-6 weeks for manufacturing
- All equipment quotes are valid for 90 days/freight 45 days

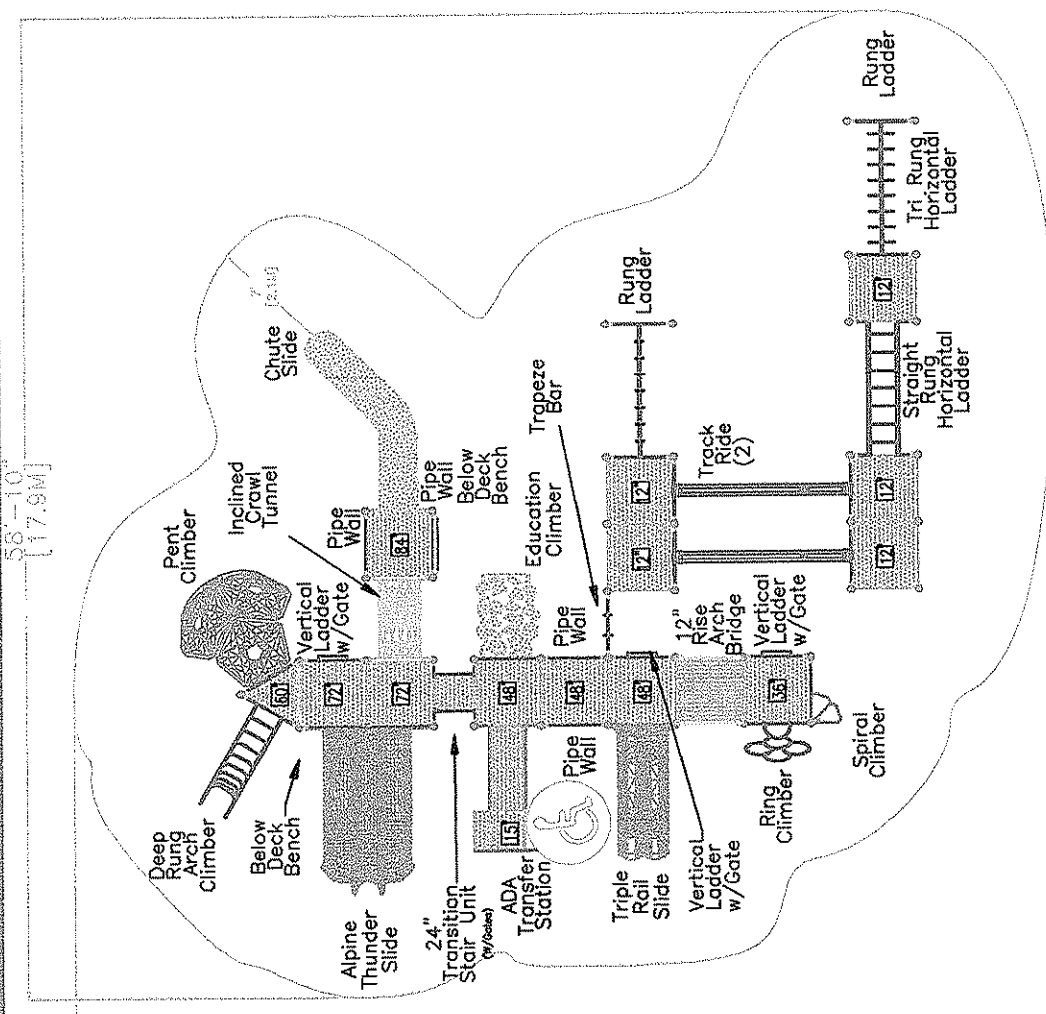
PART NUMBER	DESCRIPTION	RETAIL	QTY	EXTENDED	WEIGHT
50003008XX	Post w/cap 96" length - 5"	175.77	3	527.31	165
50003010XX	Post w/cap 120" length - 5"	216.43	5	1082.15	320
50003011XX	Post w/cap 132" length - 5"	236.11	12	2833.32	828
50003012XX	Post w/cap 144" Length - 5"	255.78	5	1278.90	370
50007009XX	Mountain Climber - 5"	878.83	1	878.83	95
50009008XX	Track Ride 10' Complete Kit fo	1770.77	2	3541.54	320
50009012XX	270° Loop HLadder - 5"	1250.02	1	1250.02	115
90021200XX	Lilly Pad Stepper-3 pads	356.40	1	356.40	48
TAD00752XX	Wheel-Pst Mt Steering 3.5" Cli	168.39	1	168.39	7
TEX00975XX	Fab.Wldmt. 72" Deep Rung Arch	956.22	1	956.22	94
TEX01200XX	Platform - 48" Bolt-On Square	544.34	6	3266.04	564
TEX01984XX	Lilly Pad Bridge-96"-5" CLine	1530.73	1	1530.73	160
TEX02257XX	36" ADA Transfer Station 5" C-	1383.83	1	1383.83	217
TEX02278XX	Platform - 48" Bolt-On Diagona	296.75	4	1187.00	264
TEX02447XX	OVHD Trapeze Ring H-Ldr 5"CL	752.90	1	752.90	95
TEX03681XX	Ring Climber 5" C-Line	734.54	1	734.54	58
TEX03716XX	Rock Wall Climber 5"	1013.93	1	1013.93	117
TEX08696XX	Triple Rail Slide 60" - 5" Bol	2067.83	1	2067.83	250
TEX12593XX	48" Spiral Climber w/Gate 5" C	1215.27	1	1215.27	232
TEX13078XX	48" Vertical Ladder 5" w/gate	649.28	1	649.28	54
TEX13111XX	36" Sliding Pole 5"	518.11	1	518.11	54
5-12 LABEL	LABEL, 5-12 YEAR, PLY 4.25" X	.00	3	.00	
PURCHASINGK	PURCHASING KIT	.00	1	.00	

REPORT TOTAL: 27192.54 4427

Q#38709

PLAYLAND

- Notes:**
- This play structure design will meet ADA Accessibility Guidelines for Buildings and Facilities, effective November 17, 2003 as published by the Architectural and Transportation Barriers Compliance Board with the addition of 2 ground level play components of 2 different types of play and when installed over accessible surfacing.
 - This site plan should be checked against the actual site area prior to the purchase or installation of equipment.
 - The unit of measure located in the center of the platform indicates the height above the protective surfacing level. The protective surfacing for this design must accommodate a fall height of at least 7 ft unless otherwise noted.
 - The structure size for this unit is 47' x 47' requiring protective surfacing for an overall size area of 2209 sq. ft. The approximate surface area is 2288 sq. ft. by ASTM F 1487-07 guidelines.
 - The structure is designed to accommodate 88 children from 5-12 years of age.
 - Supervise children as they play.
 - To insure that accurate measurements are obtained from this site plan, print copies on 11 x 17 paper at full scale.
 - The customer responsibility is to check local soil conditions and drainage within the site. The site must also be surveyed for underground utilities prior to excavation.
 - Completely read your installation manual prior to beginning construction.
 - This design configuration is the property of this firm and Playland Inc. and may not be reproduced or used in any manner without the expressed written consent of this firm and Playland.
 - Perimeter Requires 80' land Slope Timbers 4' long.



58'-10"
[17.9M]

58'-3"
[17.7M]

None

1 of 2

Pat Lee

4/20/09

PS5-27433

School House Area A

PLAYLAND COST ESTIMATE

ESTIMATE DATE: 04/20/09

STRUCTURE #: PS5-27433

NOTES:

- Prices do not include installation or safety surfacing
- Please allow 5-6 weeks for manufacturing
- All equipment quotes are valid for 90 days/freight 45 days

PART NUMBER	DESCRIPTION	RETAIL	QTY	EXTENDED	WEIGHT
50003008XX	Post w/cap 96" length - 5"	175.77	2	351.54	110
50003010XX	Post w/cap 120" length - 5"	216.43	1	216.43	64
50003011XX	Post w/cap 132" length - 5"	236.11	28	6611.08	1932
50003012XX	Post w/cap 144" Length - 5"	255.78	1	255.78	74
50003013XX	Post w/cap 156" length - 5"	275.45	5	1377.25	395
50003014XX	Post w/cap 168" length - 5"	295.13	4	1180.52	336
50007017XX	EDUCATION CLIMBER	1183.14	1	1183.14	90
50009008XX	Track Ride 10' Complete Kit fo	1770.77	2	3541.54	320
50011312XX	Crawl Tunnel-12" Incline-5"	1564.83	1	1564.83	230
50012012XX	Kick Plate 12" - 5"	55.09	1	55.09	11
TEX00731XX	Slide Left Chute 7 ft Deck 5"	1748.93	1	1748.93	250
TEX00852XX	Pipe Wall 5" C-Line	406.62	4	1626.48	200
TEX00975XX	Fab.Wldmt. 72" Deep Rung Arch	956.22	1	956.22	94
TEX01000XX	Below Deck Bench - 5" C-Line	386.95	2	773.90	96
TEX01200XX	Platform - 48" Bolt-On Square	544.34	12	6532.08	1128
TEX01201XX	Platform - 48" Bolt-On Triangu	351.53	1	351.53	50
TEX01331XX	Tri-Rung Straight HL 5" C-Line	590.25	1	590.25	81
TEX01752XX	Straight Rung HLadder 5" C-Lin	667.65	1	667.65	95
TEX01942XX	Trapeze Bar - 5" CLine	196.75	1	196.75	22
TEX02014XX	12" Trans. Arch 5" C-Line	1120.18	1	1120.18	98
TEX02269XX	48" ADA Transfer Sta. 5" C-Lin	1383.83	1	1383.83	292
TEX02447XX	OVHD Trapeze Ring H-Ldr 5"CL	752.90	1	752.90	95
TEX03681XX	Ring Climber 5" C-Line	734.54	1	734.54	58
TEX05535XX	60"deck 4-Pent Climb 5"	1812.61	1	1812.61	320
TEX07202XX	24" ADA Trans Stair 5"	1308.20	1	1308.20	154
TEX08066XX	Alpine Thunder Slide 5" C-Line	2702.06	1	2702.06	434
TEX08694XX	Triple Rail Slide 48" - 5" Bol	968.68	1	968.68	150
TEX12591XX	36" Spiral Climber w/Gate 5" C	1215.27	1	1215.27	181
TEX13077XX	36" Vertical Ladder 5" w/gate	649.28	1	649.28	51
TEX13078XX	48" Vertical Ladder 5" w/gate	649.28	1	649.28	54
TEX13080XX	72" Vertical Ladder 5" w/gate	649.28	1	649.28	61
TEX13093XX	36" Rung Ladder - 5" CLine	289.82	2	579.64	50
5-12 LABEL	LABEL, 5-12 YEAR, PLY 4.25" X	.00	3	.00	
PURCHASINGK	PURCHASING KIT	.00	1	.00	

REPORT TOTAL: 44306.74 7576

Q#38710

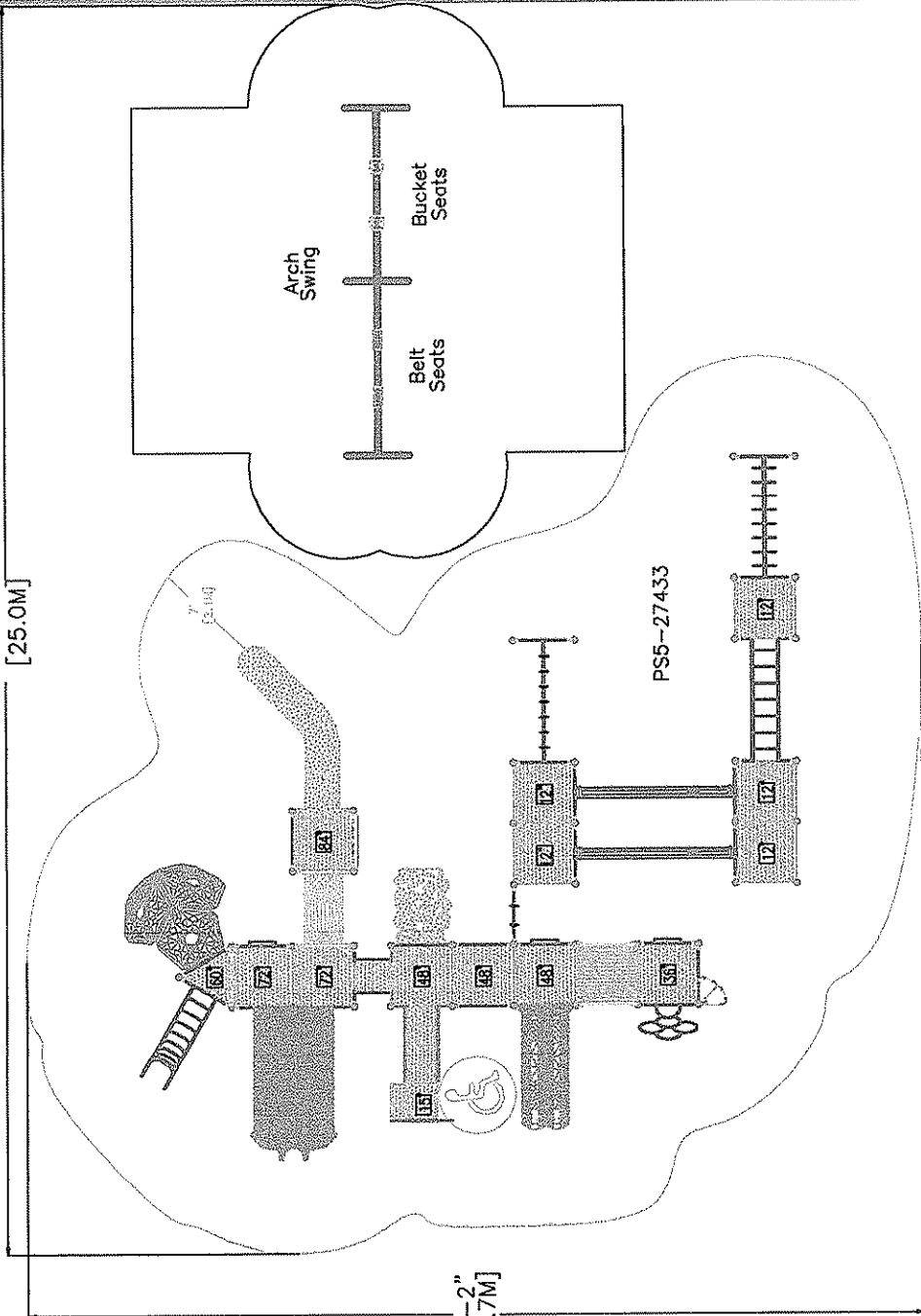
School House Area 4

PLAYLAND

Note:

- This play structure design will meet ADA Accessibility Guidelines for Buildings and Facilities, effective November 17, 2000 as published by the Architectural and Transportation Barriers Compliance Board with the addition of MA ground level play components of MA different types of play and when installed over accessible surfacing.
- This site plan should be checked against the actual site area prior to the purchase or installation of equipment.
- The unit of measure listed in the center of the platform indicates the height above the protective surfacing level. The protective surfacing for this design must accommodate a fall height of at least 7 ft. unless otherwise noted.
- The structure size for this unit is 62' x 30' requiring protective surfacing for an overall size of 62' x 30'. The approximate surface area is 1860 sq. ft. by ASTM F 1487-07 guidelines.
- The structure is designed to accommodate 5-12 children from 5-12 years of age.
- Supervise Children as they play.
- To ensure that accurate measurements are obtained from this site plan, print copies on 11 x 17 paper at full scale.
- The customer responsibility is to check local soil conditions and drainage within the site. The site must also be swept for underground utilities prior to excavation.
- Completely read your installation manual prior to beginning construction.
- This design configuration is the property of this firm and Playland Inc. and may not be reproduced or used in any manner without the expressed written consent of this firm and Playland.
- Perimeter Requires Land Scope Timbers 4' long

82'-1" [25.0M]



58'-2" [17.7M]

None

1 of 1

Pat Lee

4/20/09

SP042009-093

School House Arent

PLAYLAND COST ESTIMATE

ESTIMATE DATE: 04/20/09

STRUCTURE #: SP042009-093

NOTES:

- Prices do not include installation or safety surfacing
- Please allow 5-6 weeks for manufacturing
- All equipment quotes are valid for 90 days/freight 45 days

PART NUMBER	DESCRIPTION	RETAIL	QTY	EXTENDED	WEIGHT
90015108XX	Belt Seat Bay - 8'	113.40	1	113.40	27
90015130XX	Full Bucket Bay	210.60	1	210.60	38
90015502XX	Arched Swing Frame 5"-8'-2 Bay	2836.08	1	2836.08	620
5-12 LABEL	LABEL, 5-12 YEAR, PLY 4.25" X	.00	3	.00	
PURCHASINGK	PURCHASING KIT	.00	1	.00	
REPORT TOTAL:				3160.08	685

Q# 38710

Signal House Area 4



150 Adamson Industrial Blvd.
Carrolton, Georgia 30117
1-800-356-4727
www.playland-inc.com

August 5, 2007

Frank Whittaker
Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

Mr. Whittaker:

This is our letter stating that the playground equipment provided for bid item #DNR209122 meets or exceeds all guidelines and specifications of this bid as they pertain to CPSC Guidelines 1997 and ASTM – F 1487-05, ADA regulations.

Thank you,

A handwritten signature in cursive script, appearing to read "William B. Clapp, Jr.", is written in black ink.

William B. Clapp, Jr.
billc@playland-inc.com
IPEMA Testing and Quality Control

GENERAL PRODUCT SPECIFICATIONS

UPDATED 04/13/2006

ADVENTURE SERIES

- 3.5" O.D. vertical posts
- 36" deck grid / 48" deck grid
- 24" diameter plastic / 30" diameter plastic

EXPEDITION SERIES

- 5" O.D. vertical posts
- 48" deck grid
- 30" diameter plastic

VERTICAL POSTS (STEEL)

- 13 gauge galvanized steel (3.5" Series)
- 11 gauge galvanized steel (5" Series)
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)
- Triple Flo-Coated corrosion protection (interior and exterior)
- Interior and exterior corrosion resistance (ASTM B-117)
- Contains a minimum of 30% recycled steel and is 95%-98% recyclable
- Manufactured per ASTM 500

VERTICAL POSTS (RECYCLED PLASTIC)

- Made of recycled milk jugs
- Polyethylene
- Minimum of 50% recycled material – up to 90% recycled material

PIPE

- Contains a minimum of 30% recycled steel and is 95%-98% recyclable
- Triple Flo-Coated corrosion protection (interior and exterior)
- Interior and exterior corrosion resistance (ASTM B-117)
- Manufactured per ASTM 500

1-1/4" O.D. ROUND

- 14 gauge galvanized steel
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

1.66" O.D. ROUND

- 13 gauge galvanized steel
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

1.90" O.D. ROUND

- 13 gauge galvanized steel
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

2-3/8" O.D. ROUND

- 13 gauge galvanized steel / 9 gauge steel (Bi-pod/Tri-pod top bar)
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

3.5" O.D. ROUND

- 13 gauge galvanized steel (3.5" Series)
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

4" O.D. SQUARE

- 11 gauge galvanized steel
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

5" O.D. ROUND

- 11 gauge galvanized steel (5" Series)
- 50,000 PSI yield strength (ASTM E-8)
- 55,000 PSI tensile strength (ASTM E-8)

POST CAPS

- Aluminum alloy (GM70B) manufactured and tested in accordance with ASTM Standards: ASTM B 179-68, ASTM B 108-68, ASTM E 10-66 and ASTM E 8-66
- Powder coat finish
- Available for 3.5" series or 5" series playgrounds

C-LINE FITTINGS

- Aluminum alloy (GM70B) manufactured and tested in accordance with ASTM Standards: ASTM B 179-68, ASTM B 108-68, ASTM E 10-66 and ASTM E 8-66
- Mounts to vertical posts with adhesive gasket and four ¼"x1" TORX self-tapping screws with patch
- Powder coat finish
- Pre-drilled
- Available for panel or pipe applications

SEALING GASKET

- Neoprene rubber
- 60 +/- 5 durometer hardness
- Used for C-Line fittings
- Double sided adhesive

HARDWARE

- Conforms to ANSI/ASCE-8-90
- Security patch to insure screw locks into vertical pipe
- Tamper resistant

SWINGS

BI-POD / TRI-POD

FRAME

- 2-3/8" O.D. round galvanized pipe
- 9 gauge top bar / 13 gauge legs

SWING YOKE

- 356 aluminum alloy
- Heat treated to T-6 specifications
- 30.0 ksi tensile strength
- 20.0 ksi yield strength
- Powder coat finish

ARCH

3.5" FRAME

- 3.5" O.D. round galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

5" FRAME

- 5" O.D. round galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

TIRE SWING

- 5/0 heavy duty chain
- SH-40 clevis connector
- SH-51 tire swivel

SINGLE 5" POST

- 5" O.D. round galvanized pipe
- Powder coat finish

CLEVIS CONNECTOR (SH-40)

- Galvanized, forged steel
- Tamper resistant
- Galvanized hex pin shoulder bolt
- Special tool required for install

SWING HANGERS (SH-09 & SH-10)

- Grade 32510 hot-dipped, galvanized, malleable iron
- Manufactured per ASTM A339-55
- Rust proof
- Lubrication-free brass bearing
- Plated carriage bolts and machine bolts
- Will not twist on pipe
- SH-09 fits 2-3/8" O.D. pipe
- SH-10 fits 3-1/2" O.D. pipe
- Smooth, noiseless action

SWING HANGERS (SH-46 & SH-48)

- Grade 32510 hot-dipped, galvanized, malleable iron
- Manufactured per ASTM A339-55
- Rust proof
- Lubrication-free brass bearing
- Plated carriage bolts and machine bolts
- Will not twist on pipe
- SH-46 welded to top bar of 3-1/2" arch swings
- SH-48 welded to top bar of 5" arch swings and 5" single post swings
- Smooth, noiseless action

HEAVY DUTY TIRE SWIVEL (SH-51)

- Machined steel
- 90° universal cast steel joint covered by rubber boot
- Enamel coating
- Grease fittings for easy maintenance
- Secured with four plated machine bolts and nylon insert lock nut
- 3-point mounting system
- Sealed needle bearings

SWING HANGERS (SH-33R)

- Grade 32510 hot-dipped, galvanized, malleable iron
- Manufactured per ASTM A339-55
- Rust proof
- Lubrication-free brass bearing
- Plated carriage bolts and machine bolts
- Will not twist on pipe
- Used for trapeze rings
- Smooth, noiseless action

CHAIN (4/0)

- Hot dipped, galvanized for rust prevention (ASTM A-153)
- Zinc plated (ASTM B-633)
- Straight link coil
- Maximum working load limit 670 pounds (4/0 chain)
- Minimum ultimate break 2,680 pounds (4/0 chain)
- 0.85" OD – 0.414" ID (4/0 chain)
- 1.80" OAL (4/0 chain)

SWING SEATS

S-02 BELT SEAT

- 6" Wide
- Compression molded from EPDM co-polymer
- Steel inserts for strength and durability
- Galvanized hardware
- 5 color options

S-14 HALF BUCKET SEAT and S-11 FRONT SAFETY CHAIN

- Steel inserts for strength and durability
- Galvanized hardware
- 4 color options

S-11 FRONT SAFETY CHAIN

- Attaches to seat with S-hooks
- Closes with snap
- Protective plastic cover

S-16 FULL BUCKET SEAT

- One-piece co-polymer construction
- Steel inserts for strength and durability
- 5" wide band surrounds toddlers
- Galvanized hardware
- 5 color options

CHIN-UP BARS

- 1-1/4" O.D. round galvanized steel
- 3.5" O.D. vertical posts
- Powder coat finish

PVC COATED ITEMS

DECKS / PLATFORMS / ARCH BRIDGE / SUSPENSION BRIDGE / ADA PLATFORM / STAIRS / WIGGLE POD TOPS

- 12 Gauge HRPO Steel
- Perforated surface with holes spaced 1.25" apart o.c.
- Approx. 5/8" hole size after coating (5/16" hole diameter for wiggle pod tops)
- Polyvinyl Chloride (PVC) coating

POLY SHEET

ACTIVITY PANELS / ROCK WALL CLIMBER / PANEL GATE / RIDER BODY / LILY PAD STEPS / PANEL LADDER / CHALLENGE BRIDGE STEPS / SIGNS / INCH WORM BRIDGE STEPS

- 3/4" high density polyethylene sheeting (Densetec)
- Tested in accordance with ASTM D1928 Procedure C
- 4,400 psi tensile strength (ASTM D638)
- Textured finish
- UV stabilized
- 9 color options

GRAB HANDLE

- 1-1/4" O.D. round galvanized steel
- Pre-treatment wash primer
- Powder coat finish

KICK PLATES

- 12 gauge galvneal steel sheet metal
- Powder coated finish

OUTRIGGER RAPID ROCKER

FRAME

CENTER PIPE

- 2" O.D. square steel tube
- Pre-treatment wash primer
- Powder coat finish

HAND HOLDS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

SPRING RUBBER

- Black EPDM rubber
- M2AA307 B13 C12 F17 Z1
- Z1 = 26 +/-5 durometer hardness

TALK TUBE

CONE

- Aluminum alloy (ANSI AA319.0 f)
- 27 ksi tensile strength (ultimate)
- 18 ksi tensile strength (yield)
- 19 ksi compressive strength (yield)
- Powder coat finish

POST

- 1-1/4" O.D. round steel tube
- Powder coat finish

THREE WHEEL SWINGER

FRAME

- 2-3/8" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

WHEELS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

RUNG LADDER (FREESTANDING ONLY)

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

OUTRIGGER BOUNCY BOUNCE

SPRING RUBBER

- Black EPDM rubber
- M2CA 610 A25 B35 C32 F17 Z1 Z2
- Z1 = EPDM, Z2 = 65 +/-5 durometer hardness

HANDRAIL

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

PLATFORM

- End tabs 2" O.D. square 11 gauge steel tube
- 12 gauge HRPO steel
- 50,000 psi yield strength (ASTM E-8)
- 55,000 psi tensile strength (ASTM E-8)
- Perforated surface - approx. 5/8" diameter spaced 1.25" apart o.c.
- Polyvinyl Chloride (PVC) coating

HORIZONTAL LADDERS (STANDARD / 180 DEGREE / 360 DEGREE)

TOP RAIL

- 2-3/8" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

END PIPES (where applicable)

- 1.9" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

PLASTICS (TUBES / SLIDES / HEX ROOF / PYRAMID ROOF / HOODS / SPINNERS CRAWL TUNNELS / COLORED LANDSCAPE TIMERS / SPRING ANIMAL BODY/ ADA LANDSCAPE RAMP/ TORTOISE CLIMB/ TIRES)

- 1st quality linear low density Polyethylene (LDPE) – ExxonMobil LL8450
- Rotational molded
- 3/8" wall thickness
- 2,550 psi tensile strength (ASTM D638)
- Mold-in graphics
- UV stabilized
- UV 8 Rating (tested per ASTM G155 cycle 1 guidelines)
- Anti-static inhibitors
- 9 color options

LANDSCAPE TIMBERS - BLACK

- High density polyethylene copolymer resin – DMDA-6147 Natural 7
- Blow molded
- High moldability, toughness and stress-crack resistance
- Uniform wall thickness
- 5,000 psi tensile strength (ASTM D638)
- 3,600 psi yield strength (ASTM D 638)
- Stakes are A36 mild steel, hot dipped galvanized, ASTM A 153C

LANDSCAPE STAKES

- ¾"X30" Dome Spike Bolt
- Stakes are A36 mild steel, hot dipped galvanized
- Manufactured per ASTM A153C HDG

BRIDGES

Arched Bridge

BRIDGE

- 12 gauge HRPO steel
- Perforated surface
- Polyvinyl Chloride (PVC) coating
- Perforated surface - approx. 5/8" diameter spaced 1.25" apart o.c.

HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

Suspension Bridge

BRIDGE

- 12 gauge HRPO steel
- Perforated surface - approx. 5/8" diameter spaced 1.25" apart o.c.
- Polyvinyl Chloride (PVC) coating

HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

Chain Bridge

BRIDGE

- 4/0 (.218") STR Coil H galvanized chain
- Polyvinyl Chloride (PVC) coating
- 7/8" O.D. x 18 gauge wall thickness tubing

HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

Challenge Bridge

BRIDGE

- Poly Sheet
- 1-1/4" O.D. round steel tube
- Powder coat finish

HAND RAILS AND VERTICAL PICKETS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

Lily Pad Bridge

BRIDGE

- Poly Sheet
- 1-1/4" O.D. round steel tube
- Powder coat finish

HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

VERTICAL PICKETS

- 2-3/8" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

Inch Worm Bridge

BRIDGE

- Poly Sheet steps
- Rubber torsion spring
- 2-3/8" O.D. round steel tube
- Powder coat finish

HAND RAILS

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

GATED ENTRY

- 1-1/4" O.D. pipe
- Pre-treatment wash primer
- Powder coat finish

RUBBER TORSION SPRINGS (INCH WORM BRIDGE / SEE SAW)

- 4 specially compounded rubber cords encapsulated between an outer metal tube and a solid inner core
- Self dampening
- Reduced shock transmission
- Absorbs vibration
- No pinch points
- Progressive loading

SPRING ASSEMBLY FOR RIDERS

COIL SPRING:

- 5160H steel alloy
- Carbon Chromium grade of spring steel
- 5-3/4" O.D. spring
- 13/16" O.D. bar
- Pre-treatment wash primer
- Black powder coat finish

C SPRING

- 3/4" thick steel
- Conforms with ASTM A36-77A
- 58,000 psi tensile strength
- 36,000 psi yield strength
- Pre-treatment wash primer
- Powder coat finish

SLIDES (TRIPLE RAIL / 90° CURVE / DOUBLE WALL / DOUBLE WIDE / WAVE / CHUTE / ALPINE THUNDER / SPIRAL / TUBE SLIDES)

- 1st quality linear low density Polyethylene (LDPE) – ExxonMobil LL8450
- Rotational molded
- 3/8" wall thickness
- 2,550 psi tensile strength (ASTM D638)
- UV stabilized
- Anti-static inhibitors
- 9 color options
- Triple Rail / Double Wide slide mount on 48" wide deck (use 3'x4' rectangle deck on Adventure Series)

SLIDE FOOT

- 3.5" O.D. support post
- Pre-treatment wash primer
- Powder coat finish

SLIDE SUPPORT

- 3.5" O.D. galvanized steel support post
- Post manufactured per ASTM 500
- Plate manufactured per ASTM A90, A568, A902, A924, D2092, F517, F646 and ISO3575
- Pre-treatment wash primer
- Powder coat finish

TORTOISE CLIMBER BRACKETS

- 16 gauge mild steel

LOG ROLL

LOG

- Plastic

GRAB HANDLES

- 1-1/4" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

CLIMBER (WIGGLE POD)

WIGGLE POD STEPS

- 12 gauge HR steel
- Perforated surface -
- Polyvinyl Chloride (PVC) coating

GATED ENTRY

- 1-1/4" O.D. pipe
- Pre-treatment wash primer
- Powder coat finish

CLIMBER (EDUCATION)

EDUCATION CLIMBER

- Plastic
- Mounts on 48" wide deck (uses 3'x4' rectangle deck on Adventure Series)

GATED ENTRY

- 1-1/4" O.D. pipe
- Pre-treatment wash primer
- Powder coat finish

WIDE SLIDE FOOT

- 1-1/4" O.D. pipe
- 12 gauge galvanized steel L-bracket
- Pre-treatment wash primer
- Powder coat finish

CLIMBER (BEDROCK)

CLIMBER

- Plastic
- Mounts on 48" wide deck (uses 3'x4' rectangle deck on Adventure Series)

GATED ENTRY

- 1-1/4" O.D. galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

CLIMBER (CLOVER, COIL, SNAKE, TREE, DEEP RUNG ARCH, MOUNTAIN, RUNG LADDER, SLIDING POLE)

CENTER POLE

- 1.60" O.D. galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

HAND/FOOT RUNGS

- 1-1/4" O.D. galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

GATED ENTRY

- 1-1/4" O.D. pipe
- Pre-treatment wash primer
- Powder coat finish

BRACKET

- 9 gauge galvanized flat steel
- Pre-treatment wash primer
- Powder coat finish

CLIMBER (CARGO NET)

CLIMBER

- 4/0 (.218") STR Coil H galvanized chain
- Polyvinyl Chloride (PVC) coating
- 7/8" O.D. x 18 gauge wall thickness tubing

BRACKET

- 9 gauge galvanized flat steel
- Pre-treatment wash primer
- Powder coat finish

CLEVIS CONNECTOR (SH-40)

- Galvanized, forged steel
- Tamper resistant – special tool required for install
- Galvanized hex pin shoulder bolt

GATED ENTRY

- 1-1/4" O.D. galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

CLIMBER (LILY PAD)

LILY PAD

- Poly sheet

GATED ENTRY

- 1-1/4" O.D. galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

SUPPORT POSTS

- 3.5" O.D. galvanized pipe
- Pre-treatment wash primer
- Powder coat finish

PIPE WALL

- 1-1/4" O.D. galvanized steel support post
- Pre-treatment wash primer
- Powder coat finish

STAIRS

TREADS & STRINGERS

- 12 gauge HR steel
- Perforated surface – 1.25" o.c. between perforations
- Polyvinyl Chloride (PVC) coating

ROD

- 1/4" diameter rod

HANDRAILS & GATES

- 1-1/4" O.D. pipe
- Pre-treatment wash primer
- Powder coat finish

BALANCE BEAM (ZIG ZAG & STRAIGHT)

BEAM

- 4" O.D. square steel tube
- Pre-treatment wash primer
- Powder coat finish

SUPPORT POSTS

- 2-3/8" O.D. round steel tube
- Pre-treatment wash primer
- Powder coat finish

TRAPEZE BAR

BAR

- 1.25" o.d. round steel tube
- Pre-treatment wash primer
- Powder coat finish

TRAPEZE RING

- A-09 ring
- Blue Plastisol coating
- Grip diameter: 1-1/4"
- Complies with ASTM and CPSC requirements

DOMES

- GF Plastics I exan XI -10
- 1/8" thick
- Vacuum formed
- UV stabilized
- Crack/Break/Shatter resistant
- Self-extinguishing
- UV-94-HB fire rating

SHADE STRUCTURES

- 100% Virgin Polymer (high density polyethylene, polyester or polypropylene)
- Warp Knitted fabric (Rachel or tricot type)
- Fabric shall be stentered (heat set) during manufacture
- The knit structure shall be a minimum of 16 gauge / maximum of 24 gauge
- Tested in accordance with ASTM D 5035, ASTM D 2261, BS 6906: Part 4
- Minimum initial shade cover levels of 75% - 90% depending on color
- Minimum initial ultraviolet blockout levels of 86% - 92% depending on color
- Minimum lifespan of 10 years against UV degradation and shall have a minimum breaking strength of 50% of its initial breaking strength when tested in accordance with ASTM D5035 after 8 years of exposure to sunlight

PRE-TREATMENT WASH PRIMER

- 4860-420 primer / 1000-44 activator
- Polyvinyl butyral resin based primer
- Used on all mild steel and all weld joints
- Designed to give adhesion along to a wide variety of metal substrates
- Provides added metal protection against rust
- Imparts extra durability to topcoat (powder coat)
- When reduced properly, it meets the definition of a "pre-treatment" primer found in many air quality regulations

COATINGS

Powder Coating

- TGIC polyester
- Electrostatic application
- Baked-on @ 400 degrees
- 5-7 mills thick
- Lead free
- High gloss
- No peel / No flake finish
- Resistant to salt spray (ASTM B-117)
- Resistant to humidity (ASTM D-2247)
- Direct/Indirect impact 120 in. pounds (ASTM D-2794)
- Good to excellent resistance to most solvents, oils, acids and alkalis
- 13 color options

Polyvinyl chloride (PVC) Coating

- MISTAFLEX V4612
- 80-100 mills thick
- Shore A, 65-70 durometer min. hardness (ASTM D2240-66T)
- 1,000 psi minimum tensile strength (ASTM D638, ASTM D412)
- Resistant to abrasion (ASTM D4060)
- UV stabilized
- Self-extinguishing
- Shows less dirt
- Increased traction
- 5 color options

TABLES

TOP AND SEATS

- 14 gauge steel
- ½" diameter on ¾" center perforation pattern
- Tops are 30" wide
- Seats are 10" wide
- PVC coating

FRAMES

- Main supports are 2-3/8" O.D. 12 gauge steel tubing
- Table braces are 12 gauge steel
- PVC coating or painted black

BENCHES

SEAT/BACK

- 14 gauge steel
- ½" diameter on ¾" center perforation pattern
- Seats are 10" or 12" wide (depending on style – inscription benches are wider)
- PVC coating

FRAMES

- Main supports are constructed of 2-3/8" O.D. 12 gauge tubing
- PVC coating or painted black
- Available in surface mount, in-ground mount or portable

TRASH RECEPTACLES

- 14 gauge steel
- ½" diameter on ¾" center perforation pattern
- Octagon comes with lid
- PVC coating
- Dome top, liner and mounts (surface or in-ground) are also available

PVC COATING FOR BENCHES, TABLES AND TRASH RECEPTACLES

- UV stabilized
- .050"-.080" thickness
- UL 94 HB Burn rating (once flame is removed, it will not continue to burn)
- Abrasion resistance testing – ASTM F510
- Exposure conditioning – ASTM D6662
- Salt spray resistance testing – ASTM B117

BASKETBALL BACKSTOPS

3.5" POST

- Made from a single piece of galvanized pipe with a 3' extension
- Backboard is made of aluminum
- Single rim goal
- Nylon net

4.5" POST

- Made from a single piece of galvanized pipe with a 4' extension
- Backboard is made of aluminum
- Double rim goal
- Steel chain net

BIKE RACKS

"M" STYLE

- In-line galvanized 2-3/8" steel tubing

TRADITIONAL

- Rod is .5" diameter HR – hot dipped galvanized steel
- Round tube is HR 1.66"x.118" hot dipped galvanized steel
- Zinc plated hardware



Warranty

Playland International, L.L.C. General Guarantee:

Playland warrants its products to be free from defect in materials or workmanship during normal use and installation.

Playland International, L.L.C. further warrants the following:

- **Limited Lifetime Warranty (100 years)** on Galvanized Steel Posts, all Stainless Steel Hardware, Aluminum Deck and Components Clamps and Aluminum Post Caps.
- **Limited 15-Year Warranty** on all Punched Decks.
- **Limited 15-Year Warranty** on all Rails, Rungs, Loops, Rotomolded and Plastic Sheet Components.
- **Limited 3- Year Warranty** on support structure for spring animals
- **Limited 1-Year Warranty** on all Moving Parts, Swing Seats & Hangers and other materials not covered above.

The warranty stated above is valid only if the structures are installed in conformity with the installation instructions provided by Playland International, L.L.C. using approved parts by Playland International, L.L.C. All parts are to be subjected to normal use for the purpose of which the parts were designed. Prior to installation, these parts are not to be subject to vandalism, misuse, neglect or accident. Parts are not to be altered, modified or repaired by anyone other than Playland International, L.L.C.

This warranty does not cover cosmetic items (such as scratches, dents, fading, discoloring, weathering), paint or decorations, and normal wear and tear.

Playland International, L.L.C shall deliver the repaired or replacement part or parts to the site free of charge, but will not be responsible for labor or the cost of labor on replacing these parts. Replacement parts shall be covered under the original warranty.

This warranty is exclusive and is in lieu of all other warranties, whether express or implied, including but not limited to any warranty of merchantability or fitness for a particular purpose. Further, no representation, oral or written, of any Playland International Sales Representative may be substituted for the aforescribed exclusive limited warranty. To the extent permitted by law, Playland International shall not be liable for any direct, indirect, special, incidental, or consequential damages, which are expressly excluded from this sale.



PA office: 1-800-346-8524

Fax: 1-717-944-7681

KY office: 1-800-296-9227

Fax: 1-270-586-4493

Conditional Limited Warranty

Zeager warrants its products to be free from defect in materials and workmanship and to meet our published specifications when received by Zeager's customer.

Zeager further warrants its WoodCarpet system 1, during normal use, to meet ASTM F1292 at an 8 foot fall height when using an 8 inch layer of WoodCarpet or at a 12 foot fall height when using a 12 inch layer of WoodCarpet, for a period of 15 years from the date of the Zeager invoice, or for a period of 3 years from date of Zeager invoice if the WoodCarpet has been bonded.

Zeager further warrants its WoodCarpet system 11, during normal use, to meet ASTM F1292 at a 12 foot fall height when using a 10 inch layer of WoodCarpet, for a period of 20 years from the date of the Zeager invoice, or for a period of 3 years from date of Zeager invoice if the WoodCarpet has been bonded.

Zeager further warrants its foam and pvc WoodCarpet Mat to be free from defect in materials or workmanship during normal use for a period of 5 years from the date of the Zeager invoice.

Zeager further warrants its RecMat system 71 during normal use to meet ASTM F1292 at a 6 foot fall height when using a 1 inch layer of RecBase underneath, at an 8 foot fall height using a 2 inch layer of RecBase and a 2 inch layer of gravel underneath and at a 10 foot fall height when using two 1 inch layers of RecBase underneath, for a period of 10 years from the date of the Zeager invoice. Zeager further warrants its RecMat, during normal use, that wear due to ordinary abrasion from pedestrian traffic will not penetrate completely through the wear course of the surface of the RecMat and that the locking system, when installed according to manufacturer's specifications, will ensure the surface remains fixed and functional.

Zeager further warrants its RecGrass system 81 during normal use to meet ASTM F1292 at a 4 foot fall height when using a 1 inch layer of RecBase and a 2 inch layer of gravel underneath or at a 6 foot fall height when using a 2 inch layer of RecBase and a 2 inch layer of gravel underneath, for a period of 3 years from the date of the Zeager invoice. Zeager further warrants that its RecGrass color loss will not exceed 15%, based on an acceptable gray scale, and that its tensile strength and pile height will not decrease by more than 50%, for a period of 10 years from the date of the Zeager invoice. This warranty does not cover damage caused by failure to maintain appropriate infill levels where applicable, continued exposure to reflective light from windows and other objects, the use of improper cleaning agents, the exposure to chemicals containing elements from the halogen group (such as chlorine, fluorine, bromine or iodine), herbicides, pesticides or other inappropriate chemicals. Chemical exposure can also result from run-offs from neighboring properties.

This warranty is valid only if the product(s) are installed and maintained in accordance with Zeager's written specifications and government guidelines, using approved materials; has been subjected to normal use for the purpose for which the goods were designed; has not been subject to burns, cuts, vandalism, abuse, misuse, negligence, neglect, acts of God or accident; has not been subjected to addition or substitution of material; and has not been modified, altered, or repaired by persons other than Zeager or its designees in any respect which, in the judgment of Zeager, affects the condition or performance of the product. This warranty does not cover scratches, fading other than on RecGrass, weathering, discoloring other than on RecGrass, biological degradation, or normal wear and tear. RecMat and RecGrass used in high traffic areas only, in combination with other surfacing products not sold by Zeager are excluded from this warranty.

Should any failure to conform to this express warranty occur, Zeager shall, upon written notification of the defect, correct such nonconformity, either by repairing the defective product, supplying replacement product, or by refunding the purchase price by issuing a credit to the customer's account, at Zeager's election and within 60 days of the written notification. This shall be the purchaser's sole remedy and Zeager will not be responsible for any consequential damage attributed to the defective product. If Zeager elects to supply replacement product, Zeager shall deliver the replacement product to the site free of charge, but will not be responsible for providing labor or the cost of the removal of the defective product and the installation of any replacement product. If Zeager elects to supply replacement product for its foam WoodCarpet Mat, pvc WoodCarpet Mat, or RecMat, Zeager shall deliver the replacement product to the site, but the customer will be responsible to pay all shipping and handling charges as well as the prorated price of the replacement product, and Zeager will not be responsible for providing labor or the cost of the removal of the defective product and the installation of any replacement product. If Zeager elects to refund the purchase price of its foam WoodCarpet Mat, pvc WoodCarpet Mat, or RecMat, Zeager will refund the prorated purchase price as a credit to the customer's account. In the event of repair or replacement under this warranty, the warranty applicable to the replacement material, repaired product, or replacement product will extend only for the time remaining under the original warranty.

This warranty is exclusive and is in lieu of all other warranties, whether express or implied, including by not limited to any warranty of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond this warranty. Further, no representation, oral or written, of any Zeager representative may be substituted for the aforescribed exclusive limited warranty. To the extent permitted by law, Zeager shall not be liable for any direct, indirect, special, incidental, or consequential damages, which are expressly excluded from this sale. To make claims under the terms of this warranty, the buyer's written statement of claim, along with a copy of the invoice, and supporting photographs and samples, must be sent to Zeager Bros., Inc. 4000 East Harrisburg Pike, Middletown, PA 17057-4697 USA. Supporting documentation must be provided to Zeager Bros., Inc. within 10 days of receipt of product or within 10 days of failure of product to meet Zeager's specifications or ASTM F1292.

Terms and Conditions

Prices: Subject to change without notice.

Funds: All communications and transactions are in U.S. funds unless otherwise noted.

Split loads: Each truck will unload at only one location. Some trucks can unload at more than one location if this request is made at the time the order is placed with Zeager. Zeager will charge a split drop fee for each additional drop.

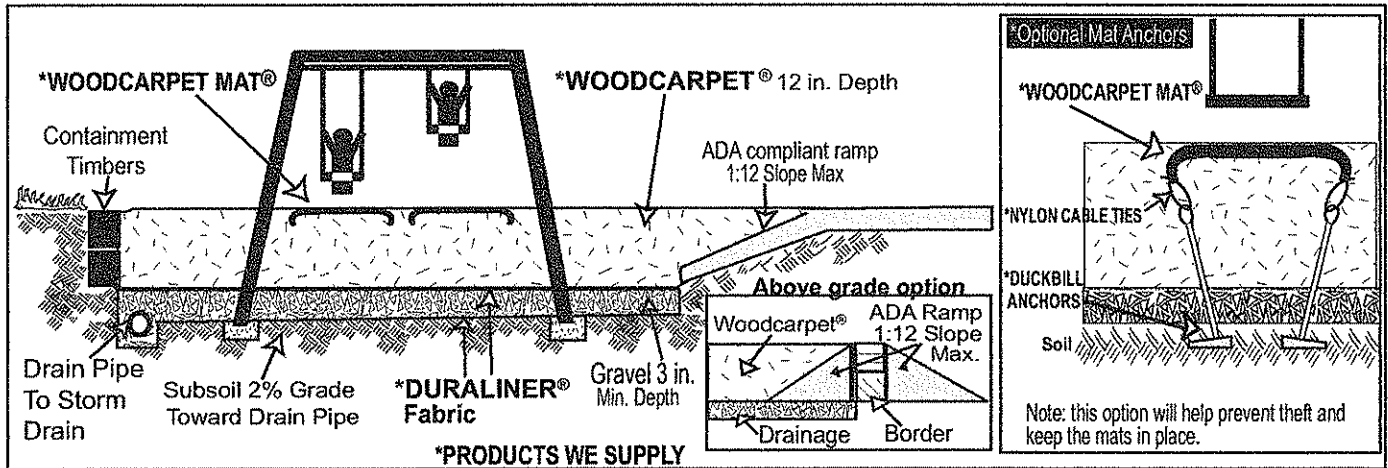
Settling: WoodCarpet volume is measured when the truck is loaded. Settling will occur during shipping.

Shipping: Zeager is not responsible for loss or damage in transit when shipped via a common carrier or when shipped via a trucker that Zeager did not contract. When a Zeager contracted trucker is used, Zeager's responsibility ends when the shipping ticket is signed by the person receiving the shipment. It is the customer's responsibility to check quantity. Any shortages, damages, or defects should be noted on the shipping ticket before it is signed. Zeager and its contracted truckers are not responsible for any damages, losses, etc., that may occur if our trucks leave a hard surface to unload. It is not Zeager's responsibility to provide a suitable location for the truck to unload.

Returns: Returns are subject to outbound and return shipping and handling charges, along with payment for used or damaged goods.

Cancellations: Cancellations less than 24 hours before delivery are subject to shipping and handling charges.

- 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.
- B. Manufacturer Qualifications:**
1. Member of International Play Equipment Manufacturer's Association (IPEMA).
 2. Total Liability Insurance Coverage: \$11,000,000.
 3. Sales Representatives attend National Playground Safety Institute (NPSI) training.
- 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: Meets criteria.
 - d. Hazardous metal, ASTM F2075: Meets criteria.
 - e. Tramp metal, ASTM F2075: 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 F1951-08: 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

2. Fabric: DURALINER®

- a. Composition: Non-woven, needle-punched, UV-treated, polypropylene or polyester spun bound fabric.
- b. Recycled content: 0%.
- c. Size: 5 or 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). Meets CPSIA Federal Act for Lead and Phthalate acceptable levels.
 - 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: 1.13 inches thick= 1.1 pounds per square foot.
 - h. Thickness: 1 inch.
 - i. Impact, ASTM F1292: 1 in. thick mat meets criteria up to 3 feet.
 - j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft. fall protection.

CERTIFICATE

ISSUE DATE: 1/15/2009



In the interest of public playground safety, IPEMA provides a third-party certification service whereby Detroit Testing Laboratory, Inc. validates a manufacturer's conformance to the ASTM F 2075 Standard Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment.

The manufacturer listed below has received written validation from Detroit Testing Laboratory, Inc. that the products listed below conform with the requirements of ASTM F 2075

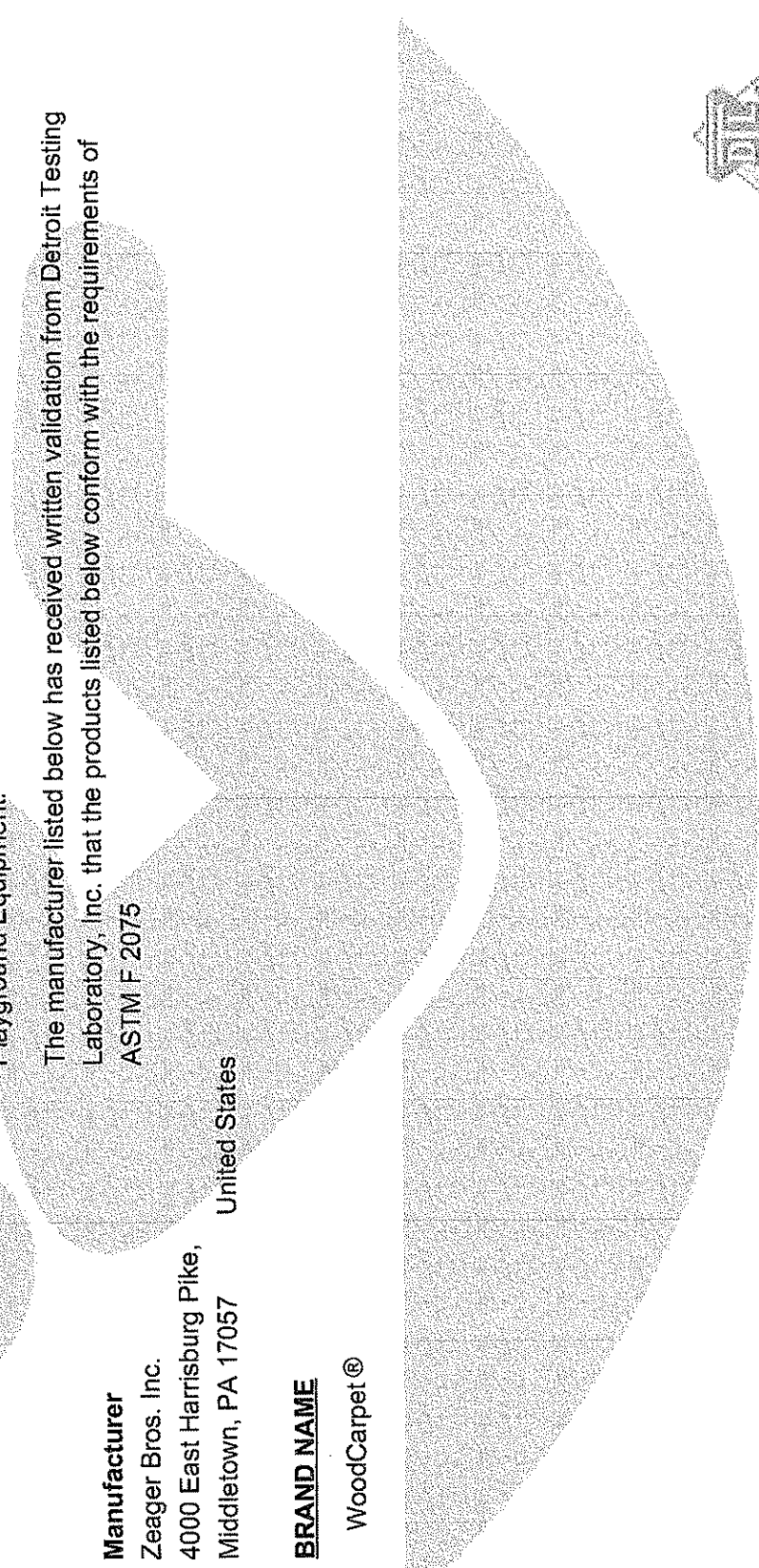
Manufacturer

Zeager Bros. Inc.
4000 East Harrisburg Pike,
Middletown, PA 17057

United States

BRAND NAME

WoodCarpet®



1 of 1 You may verify this certificate by visiting IPEMA's website at <http://www.ipema.org>

CERTIFICATE

ISSUE DATE: 1/15/2009



In the interest of public playground safety, IPEMA provides a third-party certification service whereby Detroit Testing Laboratory, Inc. validates a manufacturer's certification of conformance to the ASTM F1292-04, Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment Standard. The

manufacturer listed below has received written validation from Detroit Testing Laboratory, Inc. that the products listed below conform with the requirements of ASTM F1292-04.

Manufacturer
 Zeager Bros. Inc.
 4000 East Harrisburg Pike,
 Middletown, PA 17057
 United States

<u>PRODUCT #</u>	<u>PRODUCT LINE</u>	<u>DESCRIPTION</u>	<u>THK/HT RATIO</u>
08 WGS	Woodcarpet/gravel system	8" Woodcarpet over 3" Gravel Plus two layers of Duraliner	8"/18"
12 WGS	Woodcarpet/gravel system	12" Woodcarpet over 3" Gravel Plus Two Layers of Duraliner	12"/12"

