

ATTACHMENT A: REQUIREMENTS & PROPOSAL SPECIFICATIONS SOURCING ALLIANCE/EQUALIS GROUP: PLAYGROUND EQUIPMENT & RELATED SOLUTIONS PROGRAM RFP

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Section 1. General Guidelines

1.1. Instructions for Completing <u>Attachment A</u>

The specific requirements and proposal specifications for this Program are detailed in this <u>Attachment A – Technical Proposal</u> <u>Requirements & Proposal Specifications</u>. <u>Attachment A</u> is provided to Bidders in an editable Microsoft Word form so that it can easily serve as the base document for a **Bidder's** Technical Proposal. Bidders should incorporate their Technical Proposal responses directly into this document and include referenced attachments separately.

Use the following electronic file naming convention for naming your Technical Proposal prior to uploading your completed Technical Proposal to Bonfire: *Technical Proposal* – *Bidder Name.docx*.

For sections of <u>Attachment A</u> structured like the example below, simply click in the green cell on the "Click here to enter response" text and either type in or paste (using the *Paste Special > Merge Formatting* function in Microsoft Word) your response.

1.1.1.	<i>Formation</i> . In what year was the company formed? For how long has your company been operating under its present business name? If your company has changed its business name, include the most recent prior business name and the year of the name change.		
JE Burke Company was incorporated in 1920 as a weather-stripping company that quickly expanded to include the design and			
production of designer radiator furniture. After receiving a request to fabricate a slide for a family friend, JE Burke entered the playground			
industry and soon playground products were the company's main focus. The company remained family-owned and operated under the			
JE Burke company name until it was purchased from Greg Burke in 1997 and was incorporated as BCI Burke Company, LLC. Burke is			
celebrating our 100th appiversary this year			

For sections of <u>Attachment A</u> structured like the example below, click on the "Yes" checkbox if your solution <u>fully provides</u> the defined requirement. Click on the "No" checkbox if your solution does not provide or only provides part of the defined requirement. The green cell is included for Bidders to provide any additional information or capabilities relating to that defined requirement. For example, if your solution i) provides more capabilities around that requirement, ii) meets some, but not all of that requirement, or iii) does not meet the defined requirement, but provides an alternative solution for the Proposal Review Team's consideration, click in the green cell on the "Click here to provide additional commentary, if necessary." text and either type in or paste (using the *Paste Special > Merge Formatting* function in Microsoft Word) clarifying or additional information as appropriate.

1.1.2.	General Liability, Property & Automobile Insurance. If your company is selected as the Winning Supplier, during the term of any agreements between the your company and Sourcing Alliance/Equalis Group, and for two (2) years following expiration or termination of such agreements, your company, at its own expense, will maintain and will require that its agents, subcontractors, or suppliers engaged in your company's performance of its duties under such agreements, maintain general liability insurance, property insurance, and automobile insurance (at a minimum, in the amount of \$1,000,000 per occurrence/\$5,000,000 annual aggregate) applicable to any claims, liabilities, damages, costs, or expenses arising out of its performance under such agreements. Confirm that your company either a) has, or b) will purchase insurance coverage as described herein.	

See attached Technical Proposal – BCI Burke - Section 1.1.2 and 3.7.1 - Insurance Certificate

1.2. Trade Secrets

Bidders are encouraged to review <u>RFP Section 3.4 – Trade Secrets Prohibition; Public Information Disclaimer</u> in conjunction with developing their responses to this RFP. Any information provided by a Bidder in its proposal that is not marked as trade secret information shall be deemed to be public records in accordance with Ohio law.



1.3. Attachments

Bidders may incorporate additional documents by reference as part of their response to <u>Attachment A – Technical Proposal</u> <u>Requirements & Proposal Specifications</u>. For example, you may want to include brochures, charts, or graphs in response to specific questions included in this <u>Attachment A</u>. Bidders should clearly state in their response to questions in <u>Attachment A</u> whether any specific documents are incorporated in their proposal by reference. In the event the attached documents are not references or referenced correctly, the PRT may exclude those attachments from consideration when scoring proposals.

The file names of such referenced documents that are included in **a Bidder's** electronic Technical Proposal submissions and uploaded to Bonfire should include, in the following order: i) Technical Proposal, ii) **Bidder's** name, iii) the Section Number of the question for which the file is included as part of the response, and iv) a brief description of what is included in the electronic file. For example, if a Bidder references an attachment that includes financial statements in response to <u>Section 3.1.4.</u>, the following electronic file name would be appropriate: *Technical Proposal – Bidder Name – Section 3.1.4 – Financial Statements.pdf*.



Section 2. Initial Qualifying Criteria

2.1. Completing & Submitting Initial Qualifying Criteria Documentation

As described in <u>RFP Section 5 – Criteria for Proposal Evaluation & Selection</u>, Bidders must complete and provide executed originals of the following documents as part of the proposal Bidders submit. <u>Sourcing Alliance/Equalis Group will not consider **a Bidder's** Technical and Cost Proposals unless these forms are properly completed and submitted as part of **the Bidder's** proposal.</u>

 2.1.1.
 Attachment C - Required Bidder Information & Certifications. This document includes information about the Bidder, key points of contact for proposal and legal questions that may arise during Sourcing Alliance/Equalis Group's review of the response, minority business enterprise and certifications, required affirmations subject to Ohio Revised Code guidelines, equal employment opportunity questions, questions regarding the subcontracting of certain elements of a Bidder's service delivery to Members, and confirmation that respondent has reviewed and annotated, if applicable, the Sourcing Alliance model Group Purchasing Agreement entered into with Winning Suppliers.

 Attachment C has been included with the response.

 2.1.2.
 Attachment D – W-9. Bidders must complete the W-9 form and include the completed W-9 form in their response.

 See attached Technical Propsal – BCI Burke – Section 2.1.2 - Attachment D – W-9

 2.1.3.
 Does your proposal include the properly completed and executed Attachment C and Attachment D?

 Yes
 No

2.2. Additional Initial Qualifying Criteria

As described in <u>RFP Section 5 – Criteria for Proposal Evaluation & Selection</u>, Bidders must meet the following minimum requirement(s) for **a Bidder's** Technical and Cost Proposals to be considered:

 Compliance. It is essential that all Playground Equipment, Outdoor Fitness Equipment, Site Accessories, Surfacing, and Related Products and Services be in compliance with all current and applicable Consumer Product Safety Commission (CPSC), Americans with Disabilities Act (ADA) and ADA Accessibility Guidelines (ADAAG), and ASTM standards. Please indicate whether the products and services offered in your proposal comply with CPSC, ADA, ADAAG and ASTM standards.

 All Burke equipment and surfacing meets all CPSC, ADA, ADAAG, and ASTM Standards.

 Waterplay designs products to meet ASTM standards and provides many ADA compliant features. We would work with each customer individually to ensure their feature selection meets the requirements for their community.

 All Vitriturf and Flexground surfacing meets all CPSC, ADA, ADAAG, and ASTM Standards



Section 3. Bidder Overview & Qualifications

3.1. Company Information

3.1.1.	Company Nan	ne & Address.		
Company	Name:	BCI Burke Company, LLC		
Headquarters Street Address:		727 Northwest Way		
City, State	& Zip Code:	Fond du Lac, WI 54937		
Main Telep	hone Number:	(920) 921-9220		
Website:		www.bciburke.com		
3.1.2.	<i>Formation.</i> In what year was the company formed? For how long has your company been operating under its present business name? If your company has changed its business name, include the most recent prior business name and the year of the name change.			
production industry ar JE Burke c	JE Burke Company was incorporated in 1920 as a weather-stripping company that quickly expanded to include the design and production of designer radiator furniture. After receiving a request to fabricate a slide for a family friend, JE Burke entered the playground industry and soon playground products were the company's main focus. The company remained family -owned and operated under the JE Burke company name until it was purchased from Greg Burke in 1997 and was incorporated as BCI Burke Company, LLC. Burke is celebrating our 100th anniversary this year.			
3.1.3.	3.1.3. <i>Legal Structure.</i> Check the box next to the option that best describes the company's legal structure. Include requested narrative in the space provided.			
		provide the State of incorporation and wnership structure.	BCI Burke Company, LLC is incorporated in the State of Wisconsin and is owned by BCIB Holdings, a C corporation incorporated in the State of Delaware. BCIB Holdings is the single member owning BCI Burke Company, LLC.	
	Partnership – p names of all pa	rovide the State of registration and the rtners.	Click here to enter response.	
		ship – provide the State of registration and title of the principal.	Click here to enter response.	
		 provide the State of registration and titles of all principals. 	Click here to enter response.	
	Other – provid structure and o	de detailed description of corporate wnership.	Click here to enter response.	
3.1.4.	 <i>Financial Strength.</i> Provide three (3) years of company and any parent company financial statements or other documents that speak to the financial strength of the company, such as the most recent Annual Report to Shareholders and 10K Report (if applicable) or audited financial statements, including income statement and balance sheet. <i>Note: you may mark this information as a "Trade Secret" per the terms of <u>RFP Section 3.4 – Trade Secrets Prohibition; Public Information Disclaimer</u> and provide your response to this question in a separate electronic file that includes a "Trade Secret" watermark. Any financial information provided should be included as part of the Technical Proposal.</i> 			

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Please see attached financial statements which are considered trade secrets and have been watermarked indicating such.			
3.1.5. Bankruptcy & Insolvency. Describe any bankruptcy or insolvency for your organization (or its predecessors, if any) or			
any principal of the firm in the last three (3) years.			
BCI Burke has not been involved in bankruptcy or insolvency.			
3.1.6. <i>Litigation.</i> Describe any litigation in which your company has been involved in the last three (3) years and the status of that litigation.			
BCI Burke has periodically been involved in litigation, primarily what we construe as nuisance suits, over injuries occurred while using playground equipment. Burke in every case has vigorously defended itself. Burke carries over \$10 million in liability insurance for this very reason			
3.1.7. <i>Company Identification.</i> How is your organization best identified? Is it a manufacturer, distributor/dealer/reseller, or service provider? Describe any litigation in which your company has been involved in the last three (3) years and the status of that litigation. Based on your answer, please provide a response to question 3.1.7.1 or 3.1.7.2.			
BCI Burke is a manufacturer of Commercial Playground Equipment, Fitness and Site Amenities. We have periodically been involved in litigation, primarily what we construe as nuisance suits, over injuries occurred while using playground equipment. Burke in every case has vigorously defended itself. Burke carries over \$10 million in liability insurance for this very reason.			
 Authorization. If your company is best described as a distributor/dealer/reseller (or similar entity), please provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? 			
N/A			
3.1.7.2. Network Relationship. If your company is best described as a manufacturer or service provider, please describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?			
Burke has twenty six contracted US Representative Firms that employ outside and inside sales representatives and administrative staff. The Representative Firms are responsible for servicing all markets within their contracted territory. The Representative Firms are independent entities that contract with Burke to sell Burke products within their specific territory.			
Please see the enclosed Representative Territory map and associated spreadsheet to identify coverage of Burke products and services throughout the United States labeled Technical Response – BCI Burke – Section 3.2.2 – Burke Representative Map along with Technical Proposal – BCI Burke – Section 3.2.2 - Burke Representative States and services throughout the United States are labeled Technical Response – BCI Burke – Section 3.2.2 – Burke Representative Map along with Technical Proposal – BCI Burke – Section 3.2.2 – Burke Representative Map along and services throughout the United States are labeled Technical Response – BCI Burke – Section 3.2.2 – Burke Representative Map along with Technical Proposal – BCI Burke – Section 3.2.2 – Burke Representative Map along be also a service of the section			
our Representatives is critical for Burke; in fact it is these very relationships that set Burke apart in the industry from other manufacturers. Bottom line is that the customer needs to be taken care of in a timely manner, and that is what Burke and our Representatives do. It may sound like a simple concept, but it is not common in our industry.			
The relationship with our Representatives is based upon a model that consists of shared goals, objectives and successes, mutual dependence, open lines of communication, commitment to customer satisfaction, and trust. Each of these items overlaps the next and must remain in proportional balance for our collective success. We realize our Representatives are also our customers and to maintain our model of successful Burke/Representative relationships, professional respect, continuous improvement initiatives, and			



investment of effort by top management are a necessity. Burke recognizes this and strives to support our Representative Firms' efforts by timely responses and open lines of communication, and in the end, this allows Burke and our Representatives to offer superior customer service to the end customer.

3.2. General Qualifications

3.2.1.	Industry Experience. For how long has your company been in the playground and/or related products and services industry? What percentage of your company's revenue in each of the last three (3) full calendar years was generated from the provision of playground equipment and/or related products and services?
manufact playgrour integrous years, on	he company's founder, JE Burke, started a weather-stripping company that quickly expanded to include the design and ure of radiator furniture. After a friend sought him out to fabricate a slide, JE was hooked and formally entered the nd industry. Since the company's founding in 1920, we've maintained the values of JE – customer-focused, innovative and , and grown to be one of the leaders in the play, playground, recreation and outdoor fitness industry. During the last three e hundred percent of BCI Burke's revenue was generated from playground equipment or related products. Our focus is play e of all ages and abilities and we spend our resources to create the best products and designs for the communities we
3.2.2.	<i>Geographic Reach</i> . Describe your company's service area in the United States (e.g., nationwide, the continental United States, or specific states or regions). If your company does not currently provide services nationwide, describe your plans/timeframes to achieve nationwide service provision, if applicable.
	d our partners provide our services nationwide, please see attached Technical Proposal – BCI Burke – Section 3.2.2 Burke Itative Map
3.2.3.	<i>Certifications.</i> Describe any relevant certifications held by your company. When did your company initial obtain these certifications? Who was the certifying organization? Has your company maintained these certifications on an ongoing basis? If not, when and why did your company lose any referenced certifications?
	 ISO 9001:2015 Certification ISO 14001:2015 Certification Founding and active member of the International Play Equipment Manufacturer's Association (IPEMA). In fact Burke's Engineering and Product Manager, Scott Liebelt, is a director on the IPEMA Board of Directors. He attends ASTM and IPEMA meetings to participate in writing, revising, and interpreting the IPEMA procedures and ASTM-1487 standard, which is the consumer safety performance specification for playground equipment for public use. Accredited IPEMA Certification facility Alliant Energy's Second Nature™ Program Partner with US Environmental Protection Agency Green Power Program Partner with the National Program for Playground Safety (NPPS) and only playground manufacturer to give a free NPPS Playground Supervision Safety Kit with every modular play structure order! Currently, six Burke employees are certified through the National Recreation and Park Association (NRPA) as Certified Playground Safety Inspectors. y – See Technical Proposal – BCI Burke – Section 3.2.3 - Waterplay WBE Certification is regularily maintained.
3.2.4.	Awards. Describe any relevant awards received by your company for its products, services, innovation, and/or operations. Include information about the issuing organization and the year the award was issued to your company.
See Tech	nical Proposal – BCI Burke – Section 3.2.4 – Burke Awards

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Waterplay Awards:

Outstanding Design Award "Dream Design" Issued by Aquatic magazine for Shrewsbury's Quarry Park – 2017 MVP (Most Valuable Product) Issued by Aquatics International Magazine for our Activity Tower Product Line – 2017 Outstanding Design Award "Dream Design" Issued by Aquatics International Magazine for Garside Pool in Las Vegas, NV – 2016 Canada's Top Female Entrepreneur (52/100) Issued by PROFITguide.com and Canadian Business Magazine - 2016 Outstanding Design Award "Dream Design" Issued by Aquatics International Magazine for Splesj Water Park – 2015 Large Business Employer of the Year, issued by the Kelowna Chamber of Commerce – 2014 2nd Best Manufacturing Company to work for in the Province of BC. Issued by B.C. Business Magazine – 2011

FlexGround was recognized by Inc 500 as one of the fastest growing companies for 2014 and 2015. They were also awarded Product of the Year by Inc 500 in 2015

3.3. Public Sector Qualifications

3.3.1. Public Sector Contract Vehicles. What Public Sector contract vehicles (e.g., state term contracts, General Services Administration schedules, group purchasing organization contracts, etc.) does your company have in place to provide playground equipment and/or related products and services to public sector entities under an exemption from the standard public sector bid/RFP process? For each contract vehicle, when was the contract established, what is the expiration date, and is the award sole source or multi-source (i.e., is your company the only supplier for the spending category or are multiple competing suppliers included in the contract vehicle)?

OMNIA/TCPN - Contract # R170301

Establilshed July 2012 - Expires April 2021 Multiple Competing Suppliers

HGACBuy- Contract # PR11-18 Established - September 2010 - Expires September 2020 (Currently under RFP) Multiple Competing Suppliers

Ohio State Contract – Schedule # 800702 Established - January 2012 – Expires 3/2021 Multiple Competing Suppliers

NJ State Contract – Contract # T0103, 16-FLEET-00134 Established May 2012 – Expires May 2021 Multiple Competing Suppliers

GSA – Contract #'s 47QSMA20D08NL & 47QSMA20D08NM Established November 2019 – Expires November 2024 Multiple Competing Suppliers

CMAS – Contract#'s 4-20-78-0025B & 4-20-78-0025C Established January 2015 – Expires November 2024



Texas BuyBoard – Contract # 592-19 Established March 2015 – Expires September 2020 Multiple Competing Suppliers

3.3.2. Public Sector Strategic Growth Plan. Describe your company's three to five-year local government, K-12, and higher education sales objectives and the key elements of your strategic plan to achieve those objectives. What is the total annual dollar value of your company's revenue that is generated by sales to local governments and educational institutions today? What percentage of your company's total annual revenue is generated by sales to local governments and educational institutions?

BCI Burke sells its products through an extensive network of exclusive Representative partners. Our growth strategy includes aggressive plans to increase market share by working closely with our Representatives and help them grow their businesses in the local government, K-12, and higher education market segments with introductions of the industry's most innovative new products, best-in-class marketing/sales tools, aggressive promotional marketing, and actively promoting the use of cooperative purchasing contracts such as Equalis.

Additionally, if we are awarded this new Contract, we plan to work closely with the Equalis team to conduct joint marketing campaigns to promote Burke's products and the use of the contract. Tactics include cobranded marketing initiatives, including email blasts, postcards and case studies to promote the benefits of the Equalis contract and the successes our joint customers have experienced. Another strategy we plan to employ includes cooperatively developing a list of key target customers in each territory and developing tactics to convert these customers to Burke using the contract.

3.4. Mandatory Contract Performance Disclosure

3.4.1. Pursuant to <u>RFP Section 3.13</u> , disclose whether the your company's performance and/or the performance of any or proposed subcontractor(s) under contracts for the provision of services that are the same or similar to those to be provided for the Program which is the subject of this RFP has resulted in any "formal claims" for breach of those contracts purposes of this disclosure, "formal claims" means any claims for breach that have been filed as a lawsuit in any or submitted for arbitration (whether voluntary or involuntary, binding or not), or assigned to mediation. For any such cl disclosed, fully explain the details of those claims, including the allegations regarding all alleged breaches, any writted legal action resulting from those allegations, and the results of any formal claims will not automatically disqualify a B from consideration, at the sole discretion of Sourcing Alliance/Equalis Group, such claims and a review of the backgred details may result in a rejection of a Bidder's proposal. Sourcing Alliance/Equalis Group will make this decision base the Proposal Review Team's determination of the seriousness of the claims, the potential impact that the behavior that to the claims could have on the Bidder's performance of the work, and the best interests of Members.

3.5. Mandatory Disclosure of Governmental Investigations

	Pursuant to RFP Section 3.14, indicate whether your company and/or any of the proposed subcontractor(s) has been the
3.5.1.	subject of any adverse regulatory or adverse administrative governmental action (federal, state, or local) with respect to
	your company's performance of services similar to those described in this RFP. If any such instances are disclosed, Bidders



must fully explain, in detail, the nature of the governmental action, the allegations that led to the governmental action, and the results of the governmental action including any legal action that was taken against the Bidder by the governmental agency. While disclosure of any governmental action will not automatically disqualify a Bidder from consideration, such governmental action and a review of the background details may result in a rejection of **the Bidder's** proposal at Sourcing Alliance/Equalis Group's sole discretion. Sourcing Alliance/Equalis Group will make this decision based on the Proposal **Review Team's** determination of the seriousness of the claims, the potential impact that the behavior that led to the claims could have on **the Bidder's** performance of the work, and the best interests of Members.

Burke and its partners are not and have not been the subject of any adverse regulatory or adverse administrative governmental action (federal, state, or local) with respect to the performance of services similar to those described in this RFP.

3.6. Customer References

	Provide references of at least five (5) local government or educational institution customers for which your company has provided products and services similar in nature and scope to those defined in this RFP in the last three (3) years. Your references should include a mix of types and sizes of public sector entities like municipalities, K-12 schools or schools districts, and colleges and universities. Each reference should include:	
	Customer name and location;	
3.6.1.	 Customer contact person and his/her title, telephone number, and email address; 	
	 A brief description of the products and services provided by your company; 	
	Customer relationship starting and ending dates; and,	
	 Notes or other pertinent information relating to the customer and/or the products and services your company provided. 	
See attac		
Technical Proposal – BCI Burke – Section 3.6.1 – Burke References Technical Proposal – BCI Burke – Section 3.6.1 – Shade Systems References		
Technical Proposal – BCI Burke – Section 3.6.1 – Waterplay References		
Technical Proposal – BCI Burke – Section 3.6.1 – Flexground References		
Technical Proposal – BCI Burke – Section 3.6.1 – Vitriturf References		
1		

3.7. Insurance Coverage

3.7.1.	<i>General Liability, Property & Automobile Insurance.</i> If your company is selected as the Winning Supplier, during the term of any agreements between the your company and Sourcing Alliance/Equalis Group, and for two (2) years following expiration or termination of such agreements, your company, at its own expense, will maintain and will require that its agents, subcontractors, or suppliers engaged in your company's performance of its duties under such agreements, maintain general liability insurance, property insurance, and automobile insurance (at a minimum, in the amount of \$1,000,000 per occurrence/\$5,000,000 annual aggregate) applicable to any claims, liabilities, damages, costs, or expenses arising out of its performance under such agreements. Confirm that your company either a) has, or b) will purchase insurance coverage as described herein.	🛛 Yes 🗌 No	
See attached Technical Proposal – BCI Burke Section 1.1.2 and 3.7.1 - Insurance Certificate			
3.7.2.	<i>Employee Dishonesty – Members.</i> The Winning Supplier shall be held fully liable for any and all dishonest acts of its employees and/or its subcontractor's employees. Coverage must be provided for Third Party	🛛 Yes 🗌 No	

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	Employee Dishonesty, covering all employees and all officers of your company and any subcontractors, in an amount not less than \$100,000 per occurrence. Confirm that your company either a) has, or b) will purchase insurance coverage as described above covering all employees and all officers of your company, in an amount not less than \$100,000 per occurrence for each Sourcing Alliance Member utilizing the Program.	
Click her	re to provide additional commentary, if necessary.	
3.7.3.	Third Party Employment Practice Liability – Members. The Winning Supplier shall be held fully liable for any and all employment practice acts of its employees and/or its subcontractor's employees, such as, but not limited to, sexual harassment and discrimination. Coverage must be provided for employment practice liability, covering all employees and all officers of your company and any subcontractors, in an amount not less than \$1,000,000 per occurrence. Confirm that your company either a) has, or b) will purchase insurance coverage as described above covering all employees and all officers of your company, in an amount not less than \$1,000,000 per occurrence for each Sourcing Alliance Member utilizing the Program.	🗙 Yes 🗌 No
Click her	e to provide additional commentary, if necessary.	

3.8. Contracting for Services

Once a Member decides to accept your company's proposal for services as described in this RFP, what is the process for the member to become a customer? Does your company have standard customer agreements? If so, please provide copies of any standard customer agreements. What is the process for reviewing, negotiating, and finalizing any customer-specific contract terms or requirements? Approximately how long does the contracting process take to complete (i.e., secure a fully executed contract document)? What is the typical term length of your customer agreements?

Burke does not require Members to sign a customer agreement. A Member would automatically be eligible to do business with Burke. The Member will be provided with a **proposal generated by Burke's Design Team along with a quote for Products/Services** that is in accordance with the terms and conditions of the Equalis Group Cooperative Contract. The Member will review the proposal and quote and determine whether to place an order with Burke for products/services. The Member will sign and date the quote which will indicate their acceptance of the terms and conditions. **The Member's purchase order will reflect the product/services/terms & conditions which** were accepted in the quotation.



Section 4. Industry Qualifications

4.1. Playground Industry Qualifications

4.1.1.	Public Playground Safety Handbook. Do the products your company offers meet the guidelines stated in the Public Playground Safety Handbook published by the Consumer Product Safety Commissions (CPSC)? The Consumer Product Safety Commissions handbook can be found <u>using this link</u> .	🛛 Yes 🗌 No
4.1.2.	<i>IPEMA Membership.</i> Is your organization a members of the International Play Equipment Manufacturers Association (IPEMA)? Provide all IPEMA product certifications as attachments per the instructions provided in <u>Section 1.3</u> of this document.	🛛 Yes 🗌 No
	See Attached: Technical Proposal – BCI Burke – Section 4.1.2 – Vitriturf IPEMA Certificate Technical Proposal – BCI Burke – Section 4.1.2 – Burke Turf and Tile IPEMA Certificate Technical Proposal – BCI Burke – Section 4.1.2 – Flexground IPEMA Certificate Please note all Burke products have been tested. Provided is a sample certificate for one sample structure and is attached under Technical Proposal – BCI Burke- Section 4.1.2 – Burke Sample IPEMA Certificate. All Burke products can be verified on the IPEMA.org website.	
4.1.3.	Consumer Products Safety Commission. Confirm the products included in your proposal meet the Consumer Product Safety Commission's safety standards?	🗙 Yes 🗌 No
	Click here to provide additional commentary, if necessary.	
4.1.4.	ASTM. Confirm the products included in your proposal meet the American Society of Testing and Materials (ASTM) standards?	🗙 Yes 🗌 No
	Click here to provide additional commentary, if necessary.	
	ADA Confirm the preducts included in your prepared where personny meet the Americane with	
4.1.5.	ADA. Confirm the products included in your proposal, where necessary, meet the Americans with Disabilities Act (ADA) and ADA Accessibility Guidelines?	🛛 Yes 🗌 No
	Click here to provide additional commentary, if necessary.	
4.1.6.	Indicate below which of the American Society of Testing and Materials (ASTM) standards your co	ompany meets.
4.1.6.1.	ASTM-F1487-11. Standard Consumer Safety Performance Specification for Playground Equipment for Public use.	🛛 Yes 🗌 No
	All of our play components are compliant with the most current version ASTM F1487-17. They are also IPEMA Certified.	
4.1.6.2.	ASTM-F1292-13. Standard Specification for Impact Attenuation of Surface Systems within the Use Zone of Playground Equipment.	🗙 Yes 🗌 No
	All offered surfacing products are compliant with the performance requirements of the most current version ASTM Standards.	



4.1.6.3.	ASTM 1951-09. Standard Specifications for Determination of Surface Systems Under and Around Playground Equipment.	🛛 Yes 🗌 No
	All offered surfacing products are compliant with the performance requirements of the most current version ASTM standards.	
4.1.6.4.	ASTM F2049-11. Fences/Barriers for Public, Commercial, and Multifamily Residential Use Outdoor Play Areas.	🛛 Yes 🗌 No
	Burke is not including Fencing/Barriers as part of this RFP. If needed for a project we will source these items through our network of Authorized Representatives. Burke will ensure that fencing and/or barriers will meet F2049-11. The F2049 standard is a standard for the fence supplier.	
4.1.6.5.	ASTM F2075. Standard Specifications for Engineered Wood Fiber for Use as a Playground Safety Surface and Around Playground Equipment.	🗙 Yes 🗌 No
	Burke is not including Engineered Wood Fiber as a part of this RFP. If needed for a project we will source EWF through our network of Authorized Representatives who are able to procure the best regional price. Burke will ensure that EWF sourced through outside suppliers will meet F2075.	
4.1.6.6.	Additional ASTM Tests. Are there any other relevant ASTM tests your products are manufactured to meet? Provide a list of the ASTM test number and a short description of the test.	🗙 Yes 🗌 No
	FlexGround is tested to the following additional ASTM Tests:	
	ASTM D624 Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers	
	ASTM D2859 Standard Test Method for Flammability of Finished Textile Floor Covering Materials	
	ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester	
	ASTM C1028 Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull Meteor Method – This standard replaces ASTM D2047.	
	ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers-Tension.	

4.2. Manufacturing

4.2.1.	Would you classify your company as a manufacturer? If yes, continue answering the questions in Section 4.2.
Click here	e to enter response.
	Operations. Describe your manufacturing operations. Your response may include, but is not limited to, the how many
4.2.2.	manufacturing facilities, the location of those facilities, the operations performed, and product, product lines or product categories supported from those facilities.
Durko ma	anufactures all playground, fitness, and site amenity lines at our manufacturing operation in Fond du Lac, Wisconsin. Our
headquar contiguou	rters consists of several manufacturing buildings, office buildings, warehouses, and a distribution center all on one us campus. Burke forms and fabricates all metal components using a variety of metal fabrication processes, including a CNC r, CNC sheet laser, multi axis CNC bending equipment, and a CNC turret and press brake. All of Burke's metal components



are welded at our Fond du Lac facility. The metal components of Burke's playgrounds are painted on an automated powder coat paint line. The process begins with a multi-stage wash system and then parts are primed and a topcoat is applied. Burke's CNC routers produce any flat high-density polyethylene (HDPE) used in playground play panels and barriers. All product is stored, packed and shipped from Burke's distribution center.			
4.2.3.	ISO Certification. Are your manufacturing facilities ISO Certified? If yes, please provide a list of the ISO certifications.	🛛 Yes 🗌 No	
See attach See attach See attach	ed Technical Proposal – BCI Burke – Section 4.2.3 - Burke ISO 9001 Cerficate ed Technical Proposal – BCI Burke – Section 4.2.3 - Burke ISO 14001 Cerficate ed Technical Proposal – BCI Burke – Section 4.2.3 - Waterplay ISO 9001 Cerficate ed Technical Proposal – BCI Burke – Section 4.2.3 - Waterplay 14001 Cerficate to enter response.		

4.3. Dealer / Distributor / Reseller

4.3.1.	Would you classify your company as a dealer, distributor, or reseller of playground equipment and services? If yes, continue answering the questions in <u>Section 4.3</u> .	🗌 Yes 🔀 No
Click here	to enter response.	
4.3.2.	4.3.2. <i>Operations.</i> Describe your dealer/distributor operations. Your response may include, but is not limited to, the brands or product line your company represents, the number of offices in the U.S., and how you determine which brands or product lines you represent.	
Click here to enter response.		
Click here		

4.4. Turnkey Capabilities

Burke offers a unique advantage for Equalis's Members by offering the best solutions in each of the respective product categories identified in the playground RFP. Burke has selected partners that specialize in each product category that work with our distribution partners and are capable of providing a broad range of recreational solutions. Burke, with our distribution partners, are capable of providing site assessments, design services, site preparation, and installation services and are available for on-going service and support post installation.

Burke and its Authorized Representatives coordinate and manage the installation of thousands of playgrounds each year. Our experience varies from small rural schools and parks to large municipalities such as the Chicago Park District, Culver City, CA Unified School District and Wichita, KS Public Schools. Whether a school district has an enrollment of nearly 700,000 or 7,000 students, Burke provides overarching customer service.



Burke's Authorized Representatives offer a full turn-key solution for their customers and manage projects on a daily basis. Projects range from the most basic that include a small piece of playground equipment, to complete park projects, including playground equipment, surfacing, splash pads, pavilions, bleachers and other site amenities. Each firm distributes a wide variety of complementary products and services and has built strong relationships with local installers and contractors. Project changes are managed by effective communication between all contracted parties and is consistently handled effectively and efficiently.

Customers are able to purchase non-Burke contracted products and services through our network of Authorized Representatives. Burke will provide line item quotations for these "open market" items on the Equalis Group quote, and will clearly indicate that these are "open market" goods and/or services. Customers will be required to sign the Burke quotation, which is an indication that they agree to the products and services as quoted.

4.4.2.	Contractors/Subcontractors. Describe your company's approach to working with contractors and subcontractors to complete the full scope of a playground project, if required by the Member. Your response may include, but is not limited to, describing how you address other skilled trade work within the scope of any given project like, site work, electrical, and
	moving of heavy equipment.

The Corporate Sales team at BCI Burke has established expectations of its subcontractors for installation and repairs. Expectations are spelled out in our BCI Burke Company, LLC Subcontractor Agreement which is attached as Technical Proposal – BCI Burke – Section 4.4.2 – Burke Subcontractor Agreement. Current required documents from our subcontractors, supporting our Agreement, are kept in house.

Burke supports the installers based upon the same model established for our Representative relationships. We realize providing equipment that goes together the first time is second only to complete, correct and on-time. We support our installers by evaluating the feedback they offer us and implementing any necessary changes to ensure Burke product is easy and fun to install. Burke conducts a semi-annual Installer Satisfaction Survey to ensure that we are servicing the installers to best of our abilities and meeting their **expectations.** Burke consistently ranks as "exceptional" when compared to other competitors by installers that provide installations for Burke and other manufacturers. Easy to read install prints coupled with industry leading dependability, as measured by providing orders complete, correct and on-time, make Burke playgrounds a favorite among industry installers.

Burke also conducts installer training in coordination with The National Playground Contractors Association (NPCAI) at our factory in Wisconsin. During this training, installers have the opportunity to view the production, shipping and testing areas as well as have round-table discussions with key Burke and NPCAI staff. This event allows Burke and installers to share experiences and successes from the field that helps Burke's continuous improvement initiatives.

Burke expects the same commitment to excellence from its Representatives and installers as it does from itself. Burke has established a set of core values that are considered every day, with every decision and on every project. These core values; Integrity, Respect for People, Teamwork, Innovation, Leadership and Performance are embraced through every branch of the Burke organization and are embraced by our Representatives and installers.

4.4.3.	5.1.1.1 1.4.3. 1.4.4.3. 1.4.3. 1.4.4.4.3. 1.4.4.4.3. 1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	
Several of Burke's Authorized Representatives are certified as SBE or DBE businesses. In sourcing local subcontractors, Burke		

commits to utilizing the number of SBE and/or DBE companies that a public sector client may require.

4.4.4. Project Bonding. Describe your company's bonding capacity.



Burke partners with Shorewest Surety Services, Inc. and North American Specialty Insurance Company to provide bonding for all of **our representatives**. North American Specialty Insurance Company's Best Insurance Guide Rating is A+ XV. Burke has a bonding line established with singe job limits of \$1,500,000, and aggregate limitations of \$4,000,000. Larger projects may be considered at the time of request.



Section 5. Product Offering

5.1. Playground Equipment

5.1.1.	<i>Does your company provide playground equipment?</i> If yes, continue answering the questions in <u>Section 5.1</u> .	Xes 🗌 No		
Clickbara				
Click here	to enter response.			
5.1.2.	1.2. <i>Product Offering.</i> Provide a list of the all the playground equipment products your company offers. You may attach a separate list or brochure to answer this question according to the instructions provided in <u>Section 1.3</u> of this document.			
Design Gui engagemen everyone. See attach See attach	See attached Technical Proposal – BCI Burke – Section 5.1.2 – 2020 Burke Catalog See attached Technical Proposal – BCI Burke – Section 5.1.2 – Burke Color Selection			
	ed Technical Proposal – BCI Burke – Section 5.1.2 – Burke Product Specifications			
5.1.3.	 5.1.3. Product Availability. How does your company make your products available for purchase? Does your company sell direct to the public sector market or make their products available to through a dealer/distributor network? If your company goes to market with an approach not mentioned in this question, please include a description that go-to market strategy below. 			
	our products and services utilizing our network of Authorized Distributors who sell our products across a. Equalis member quotes will be issued directly by Burke Headquarters in conjunction with our local Rep			
5.1.3.1.	Rotationally Molded Components. Does your playground equipment include any rotationally molded plastic components? If yes, please describe how your company ensures the products color consistency, color intensity, opacity, and UV resistance.	🛛 Yes 🗌 No		
	You'll get long wear and bright, vibrant colors that hold up for years thanks to our thick, durable rotomolded plastics with UV-16 protection. Color compounding provides greater structure integrity for the life of rotationally molded products; the UV inhibitor is added during the production process and keeps these plastics from fading like that of products produced via a Dry-Blend process. This is why we can cover them for 15 years under our non-prorated Generations Warranty. Rotationally Molded Plastic Parts, shall be manufactured from color compounded, linear, low-density polyethylene with an average of .250" wall thickness and textured non-sliding surfaces. Plastic parts			
	shall be UV stabilized to UV-16 and shall have a density of 0.935 per ASTM D-1505. Plastic parts shall have a tensile strength at yield no less than 2500 psi with flexural modulus of 87,200 psi.			
5.1.4.	<i>Differentiators</i> . Describe the aspects of your playground equipment offerings and/or capabilities which in the marketplace.	are differentiators		
KoreKo	nnect ™ Direct-Bolt System			



- Nucleus and Voltage feature our Industry-leading KoreKonnect direct-bolt system resulting in the strongest and most accurate connection system ever. Factory located connection points make for easy, precise installation and an error-free fit. Best of all, KoreKonnect is covered for 100 years under our non-pro-rated Generations Warranty
- KoreKonnect clamp castings [Nucleus, Voltage] are cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting is clamped to the post with two connection bolts. Clamp casting encapsulates the component attached to support surge loads, preventing surge loads supported by the hardware. Clamp is finished with a baked on powder coating.
- EZKonnect Deck Mounting System
 - Our exclusive self-leveling deck attachment and factory CNC (Computer Numerical Control) construction allows for faster and more precise location of decks during installation. The 2-bolt per corner deck attachment increases overall structure strength and stability.
- <u>Platforms</u>
 - Burke's oversized non-slip platforms are constructed of heavy-duty punched steel that can support more than two tons. Our vinyl coating is California compliant, free of lead and other hazardous heavy metals.
 - Platforms [Nucleus, Voltage, and Little Buddies] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms connect to posts with EZKonnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners attach to threaded inserts which are CNC precision factory installed into the posts.
- Testing
 - We test well beyond the structural integrity requirements of the ASTM standard, which are just static loading. We take every product that has motion and put it through rigorous dynamic testing to ensure it will withstand the rigors of field use.
- <u>Research</u>
 - Primary and secondary research inform both our product and playground designs. We study how play impacts child development and what types of products and designs foster the best developmental outcomes. Research-based design ensures everyone gets the most out of play.

5.2. Shade Structures

5.2.1.	<i>Does your company provide shade structures</i> ? If yes, continue answering the questions in <u>Section</u> <u>5.2</u> .	Xes 🗌 No	
Burke has partnered with industry leading Shade Systems, Inc. in order to offer Equalis Members complete park shade solutions throughout the United States.			
5.2.2. <i>Product Offering.</i> Provide a list of the all the shade structure products your company offers. You may attach a separate list or brochure to answer this question according to the instructions provided in <u>Section 1.3</u> of this document.			
See attached Technical Proposal - BCI Burke – Section 5.2.2 – Shade Systems Catalog			



See attached Technical Proposal - BCI Burke – Section 5.2.2 – Shade Systems Color Selection See attached Technical Proposal - BCI Burke – Section 5.2.2 – Shade Systems Frame Specifications See attached Technical Proposal - BCI Burke – Section 5.2.2 – Shade Systems Sail Specifications

5.2.3. *Differentiators.* Describe the aspects of your shade structure offerings and/or capabilities which are differentiators in the marketplace.

Shade Systems Turn-N Slide[™] Easy Fastening System makes it easy to remove and re-attach the fabric canopy for the winter season or in case of severe storm such as hurricanes (most other shade companies' products are permanent and require professional installers to remove and re-install the canopy).

Only patented and time-tested system of its kind — in continuous use nationwide since 2003.

One Point 'Sail' Attachment System which means each corner of the Sail fabric canopy features a stainless steel bracket with just one tensioning bolt to easily attach or remove the canopy. Cables are permanently concealed in the hems and terminate in the stainless steel bracket.

Shade Systems Sails provide maximum U.V. protection, up to 99% U.V. screening protects against sun overexposure. They help reduce temperatures up to 14-20 degrees and extends the life of playground equipment and other property underneath.

5.3. Aquatic Fixtures and Features

5.3.1.	<i>Does your company provide aquatic fixtures and features</i> ? If yes, continue answering the questions in <u>Section 5.3</u> .		
Burke has partnered with industry leading Waterplay to offer innovative aquatic play solutions designed for developing minds, thrill seekers, budding explorers and the young at heart.			
5.3.2.	<i>Product Offering.</i> Provide a list of the all the aquatic fixtures, feature, and structures your company offers. You may attach a separate list or brochure to answer this question according to the instructions provided in <u>Section 1.3</u> of this document.		
See attach	ned Technical Proposal – BCI Burke – Section 5.3.2 – Waterplay Product Catalog		
5.3.3.	<i>Differentiators.</i> Describe the aspects of your aquatic fixtures & features offering and/or capabilities which are differentiators in the marketplace.		
Waterplay Solutions Corp is a purpose and values lead organization, focuesed on total cost of ownership rather than on the raw purchase price of the products. With over 30 years in the aquatic industry, and over 4,000 installations globally, Waterplay strives to deliver the highest standards in the industry through the products offered, the people employed, the in-house procedures in place and the partners and suppliers we work with. Using principles of universal design, combined with decades of aquatic design and manufacturing experience, our products invite users of all ages and abilities to have an interactive play experience that goes beyond			
	standard accessibility best practices. As an organization and manufacturer, we're committed to making a difference both in-house and through the products we ship worldwide. Waterplay is ISO certified for environmental management processes (14001:2015).		
	Their corporate office and manufacturing facility are situated in a community serviced by hydroelectricity. They actively reduce waste		
	by sourcing recyclable materials with consideration to the amount that will be left unutilized. The use of non-toxic materials and		
	coatings ensure safety for water players and the environment. They are committed to designing products with low flow rates and		
	ng play spaces that optimize water use through activation sequencing and water management best practices. Their		
playPHAS	E mounting system allows owners to phase their installation to meet time constraints and plan for future expansions along		



with easily retrofitting and introducing new products into their space as their budget permits. As a proud woman owned business, they highlight one of their key cultural principles, that of equity, in all they do in their business, in their markets and with their customers and vendors.

5.4. Adult or Senior Playground & Outdoor Exercise Equipment

5.4.1.	Does your company provide adult or senior playground and out outdoor exercise equipment? If yes, continue answering the questions in <u>Section 5.4</u> .	🗙 Yes 🗌 No
Click her	e to enter response.	
5.4.2.	<i>Product Offering.</i> Provide a list of the all the adult or senior playground products and exercise equipm offers. You may attach a separate list or brochure to answer this question according to the instructions product and the instructions products and exercise equipment.	
Fitness is important at all ages and Burke's fitness offerings reflect the need for a variety of fitness opportunities that fit everyone's abilities. ELEVATE® Fitness Course brings out the ninja warrior in all of us and helps engage the harder-to-reach teenage and adult age groups in obstacle course fitness and is perfect for parks, schools and community gathering spaces. ACTIVATE® Fitness Circuit is perfect for body weight fitness exercises that challenge users at different levels and can be placed in fitness clusters or along a path or trail. INVIGORATE® Dynamic Fitness is great alone or paired with another fitness offering. It is an excellent fit for middle or high schools, community or senior centers, senior living spaces or parks. The attached fitness catalog (Technical Proposal – BCI Burke – Section 5.4.2 – 2020 Burke Fitness Catalog) outlines Burke's wide -range of fitness offerings.		
5.4.3.	<i>Differentiators.</i> Describe the aspects of your adult or senior playground & outdoor exercise equipment capabilities which are differentiators in the marketplace.	nt offerings and/or
Course a	ating with fitness experts and conducting focus groups helped to shape the ELEVATE Fitness Course. Both E Ind ACTIVATE Fitness Circuit have multiple levels of fitness on each piece of equipment and an App to heir fitness journey	

5.5. Surfacing

5.5.1.	<i>Does your company provide surfacing options for playground sites?</i> If yes, continue answering the questions in <u>Section 5.5</u> .	🛛 Yes 🗌 No
	<i>Compliance</i> . Confirm the playground surfacing system(s) included in your proposal meet all guidelines s	tated in the Public
5.5.2.	Playground Safety Handbook, and the most current versions of ASTM-F1292-13, F2075-15, F3012 applicable ASTM standards and guidelines as certified by an independent laboratory conforming to IPEM, as identified for the playground industry.	-14, and all other
	ing systems comply with the guidelines stated in the Public Playground Safety Handbook and the most 1292-13, F2075-15, F3012-14 and all other applicable ASTM standards and guidelines as certified by IPEN	
5.5.3.	Product Offering. Please identify which of the surfacing options are included as a part of your proposa	
5.5.3.1.	Is synthetic turf included in your proposal? If yes, please describe your offering.	🛛 Yes 🗌 No

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	See Attached Technical Proposal – BCI Burke – Section 5.5.3.1 - Burke Turf and Technical Proposal –	
	BCI Burke – Section 5.5.3.1 - Burke Turf Specifications	
5.5.3.2.	Is pour-in-place rubber surfacing included in your proposal? If yes, please describe your offering.	Yes No
J.J.J.Z.	See Attached:	
	Technical Proposal – BCI Burke – Section 5.5.3.2 – Flexground Specifications	
	Technical Proposal – BCI Burke – Section 5.5.3.2 - Flexground Specifications	
	, , , , , , , , , , , , , , , , , , ,	
	Technical Proposal – BCI Burke – Section 5.5.3.2 - Flexground Colors	
	Technical Proposal – BCI Burke – Section 5.5.3.2 – Flexground Height Charts	
	Technical Proposal – BCI Burke – Section 5.5.3.2 – Vitriturf Specifications	
	Technical Proposal – BCI Burke – Section 5.5.3.2 – Vitriturf Products	
	Technical Proposal – BCI Burke – Section 5.5.3.2 - Vitriturf Colors	
5.5.3.3.	Is rubber tile surfacing included in your proposal? If yes, please describe your offering.	🗙 Yes 🗌 No
0.0.0.0.	See Attached Technical Proposal – BCI Burke – Section 5.5.3.1 - Burke Tile and Technical Proposal	
	– BCI Burke – Section 5.5.3.1 - Burke Tile Specifications	
5.5.3.4.	Is engineered wood fiber (EWF) included in your proposal? If yes, please describe your offering.	🗌 Yes 🔀 No
	Although pricing for EWF is not included in our proposal, our network of Authorized Representatives	
	are able to source EWF locally which allows for the best pricing options based on the Equalis Member's	
	location.	
5.5.3.5.	Is shredded/recycled rubber included in your proposal? If yes, please describe your offering.	Yes 🛛 No
	Although pricing for Shredded/Recycled Rubber is not included in our proposal, our network of	
	Authorized Representatives are able to source this product locally, allowing for the best prcing options	
	based on the Equalis Member's location.	
5.5.3.6.	Is sand included in your proposal? If yes, please describe your offering.	🗌 Yes 🔀 No
	Although pricing for sand is not included in our proposal, this can be sourced through our network of	
	Authorized Represenatives if required for a specific project. The ability to source this locally provides Equalis Members with the best pricing options based on their location.	
5.5.3.7.	Is pea gravel included in your proposal? If yes, please describe your offering.	🗌 Yes 🔀 No
	Although pea gravel is not included in our proposal, this can be sourced through our network of	
	Authorized Representatives if required for a specific project. The ability to source this locally provides	
	Equalis Members with the best pricing options based on their location.	
5.5.3.8.	Is non-CCA wood mulch included in your proposal? If yes, please describe your offering.	🗌 Yes 🔀 No
	Although non-CCA wood mulch is not included in our proposal, this can be sourced through our network	
	of Authorized Representatives if required for a specific project. The ability to source this locally provides Equalis Members with the best pricing options based on their location.	
5.5.3.9.	Is wood mulch included in your proposal? If yes, please describe your offering.	🗌 Yes 🔀 No
0.0.0.0.	is weed materine added in your proposals in yes, predse describe your offering.	



	Although wood mulch is not included in our proposal, this can be sourced through our network of Authorized Representatives if required for a specific project. The ability to source this locally provides Equalis Members with the best pricing options based on their location.	
5.5.4.	<i>Differentiators</i> . Describe the aspects of your playground surfacing offerings and/or capabilities which in the marketplace.	are differentiators
	is known for its superior construction. Each tile features an alignment footer for easy orientation during inst actors have an interlocking flange and lip design that has full support underneath the connection.	allation. All Burke
Burke Turf	f is prodiced using heat block coloring which allows our turf to remain cooler than competitor's turf.	

5.6. Site Furnishings

5.6.1.	Does your company provide site furnishings? If yes, continue answering the questions in Section X Yes \square No 5.6.
Click here	to enter response.
5.6.2.	<i>Product Offering.</i> Provide a list of the all the site furnishing products your company offers. You may attach a separate list or brochure to answer this question according to the instructions provided in <u>Section 1.3</u> of this document.
school or c environme	rs a full line of park and commercial playground site amenities that add convenience and comfort to any playground, park, butdoor public area. A variety of PVC-Coated Steel, Wood or Recycled Plastic amenities are available for every nt. Burke Site Amenities clean easily and resist vandalism to provide the ideal combination of long-lasting beauty and ite amenities are on shown in the attached Technical Proposal – BCI Burke – Section 5.1.2 – 2020 Burke Catalog on -198.
5.6.3.	Differentiators. Describe the aspects of your site furnishing offerings and/or capabilities which are differentiators in the marketplace.
playspaces	yful Furniture is a patented collection of seating, tables and other site amenities that changes the way we look at s. Novo brings seating and amenities into the play area and provides opportunities for intergenerational engagement, on and a comfortable place for parents and caregivers to sit. The more comfortable adults are, the longer kids can play.

5.7. Signage

5.7.1.	<i>Does your company provide signage products</i> ? If yes, continue answering the questions in <u>Section</u> <u>5.7</u> .	Yes 🗌 No
Click here	to enter response.	
5.7.2.	<i>Product Offering.</i> Provide a list of the all the standard and custom signage products your company offer a separate list or brochure to answer this question according to the instructions provided in <u>Section 1.3</u>	s. You may attach of this document.



	ovide necessary information and Burke provides a variety of signage to meet any playground design. The attached catalog in al Proposal – BCI Burke – Section 5.1.2 – 2020 Burke Catalog outlines our signage offering on page 199.
5.7.3.	Differentiators. Describe the aspects of your signage offerings and/or capabilities which are differentiators in the marketplace.
	should fit the design lines of the playspace and help children and caregivers understand the necessary information needed enjoy the space. Burke's signage reflects our brand language and provides clear information in an easy-to-read format.



Section 6. Service Offering

6.1. Installation Services

6.1.1.	Does your company provide installation services? If yes, continue answering the questions in Section 6.1.	🗙 Yes 🗌 No
Click here	to enter response.	
6.1.2.	Installation Service Offering. Identify in which of the following ways is installation services provided.	
6.1.2.1.	<i>Company Owned Crews.</i> Does your company utilize company-owned installation crews to provide <i>installation services?</i> If yes, provide a description of your installation crews which should include, but it not limited to, the required qualifications, certifications or licenses; how they are trained, the typical composition of a crew, how their work is inspected and/or approved, how site work is addressed as a part of the installation process, how the project permitting process is handled, and how the work performed by the installation crew is warranted to meet the intended level of use. If there are additional costs associated with these services include any all related pricing in <u>Attachment B</u> .	🗌 Yes 🔀 No
Click here	to enter response.	
6.1.2.2.	<i>Third-Party Provider.</i> Does your company contract with a third-party installation contractor(s) to provide installation services? If yes, provide a description of the installation provider(s) which should include, but it not limited to, the required qualifications, certifications or licenses; how they are trained, the typical composition of a crew, how their work is inspected and/or approved, how site work is addressed as a part of the installation process, how the project permitting process is handled, and how the work performed by the installation crew is warranted to meet the intended level of use. If there are additional costs associated with these services include any all related pricing in <u>Attachment B</u> .	🗙 Yes 🗌 No
Burke cont	racts with third-party installation contractors utilizing either installation crews owned and operated by our i	Authorized
Representative Firms, or installation crews our Representative Firms subcontract with to perform installations on a per project basis. Installation crews are licensed in the states they are performing work, carry the proper insurance to cover them (Auto, Workers Comp., General Liability, etc.), and have experience in the recreation industry with installations for the best possible experience. They also have someone on their install crew that carries a current CPSI (Certified Playground Safety Inspector) Certificate, which allows them to understand and identify the appropriate safety rules and guidelines associated with commercial playground equipment installation. Burke offers a Factory Certified Installer training course and certification, and have certified many different installers to install Burke products properly. We also encourage our installers to attend the RISC (Recreation Installation Specialist Certification) through the National Playground Contractors Association, also known as NPCAI. This group actually assists Burke staff in our in- house training program for installers. These steps allow the customer to have assurances that the installers they select have a strong knowledge of industry best-practices, along with certifications to back that up.		
Crews consist of anywhere from 3-8 people depending on the size of a particular installation. There is no 'exact' or perfect size for a crew. Site work and resilient surfacing work is typically done by the installation crew as well depending on the type of resilient material selected, and also depends on the site and customer and local city/municipality requirements for that site work. A General Contractor (if there is one for a particular job) may also handle site work and handle permits if the customer does not secure those themselves. A playground installation can also be inspected by a third party CPSI as mentioned above, but that is typically upon customer request. The installation manual provided with the play equipment lays out the step by step needs for proper installation for not only meeting the requirements for a Warranty to be valid, but also ensures the equipment is installed per the manufacturers requirements to meet the pertinent and applicable safety standards for the equipment.		



6.2. Other Services

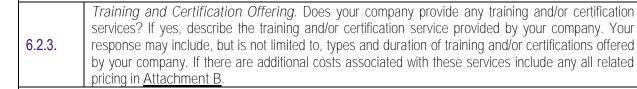
6.2.2.	Maintenance & Repair Service Offering. Does your company provide maintenance and repair services? If yes, describe the maintenance and repair services provided by your company. Your response may include, but is not limited to, maintenance intervals, who provides the maintenance, if there are different service levels available and what is offering at each service level, how a repair request is submitted, and how replacement parts are requested. If there are additional costs associated with these services include any all related pricing in <u>Attachment B</u> .	🛛 Yes 🗌 No
	Components	
	With over 30 years of industry experience, Waterplay has designed thousands of aquatic play spaces throughout the world. Their design theory is strict, our quality is unmatched, and their products tell a story that pushes play outside the bounds of everyday fun and into a world of discovery. Their waterplayers will guide you through the design process and beyond, keeping a close eye on your budget and helping our customers select features that are relevant to their vision/theme, cost effective and also provide the most play value for their space and budget. By utilizing a unique, innovative, user friendly design software package, Waterplay Interactive (WPI), created to assist in designing splash pads collaboratively, customers can realize their vision within a single consultation. Getting 3-D renders and 2-D plan designs instantly allows customers to tweak designs until their full brief has been met. Waterplay also employ resources that assist designers, landscape architects and architects design splash pads and aquatic play areas into master designs during specification.	
	Great playspaces start with great design and great playground designs start with research. Our design philosophy derives from experience, research and a team of creative, passionate people dedicated to play. It drives us to create the best products and playspaces for all people to enjoy, connect and move! We aspire to generate a collective that can touch people in all communities of all abilities and of all ages. We value the past as an inspiration to invent future play environments but we also seek to reinterpret the familiar and to explore the unfamiliar, to take on the risks and rewards of forging a new context and design gathering spaces and focal points within communities. Our philosophy results in beautiful designs that are also functional and foster the kinds of play that drive the developmental outcomes we seek from play. These are showcased in a variety of mediums from beautiful 3D images printed and displayed to engaging fly throughs that provide a unique view of the space design to help stakeholders see what play can bring to their community.	
	Burke's professional Design Team consists of a variety of backgrounds from Computer Art and 3D Animation to Architecture and Design. We work with our customers and listen to their needs to develop play environments of all sizes and budgets that meet their specifications and all applicable standards. Using Burke's proprietary software, EZ Design, we to create spaces that automatically bring in all standards and create proposals that are informative and accurate.	
6.2.1.	Design Service Offering. Does your company provide design services? If yes, describe the design services provided by your company. Your response may include, but is not limited to, who provides design services, your design philosophy, standards, how your company interacts with the community stakeholders, how your company accounts for the budget and requirements of the Member, and the presentation & approval of design concepts. If there are additional costs associated with these services include any all related pricing in <u>Attachment B</u> .	🗙 Yes 🗌 No



See attached Technical Proposal – BCI Burke – Section 6.2.2 - Burke Maintenance Manual.

Labor is not included in Burke's warranty. However, numerous Burke Authorized Representatives include a supplemental warranty for labor related to warrant repairs on Burke equipment.

Waterplay will provide assistance with Maintenance and Repair Services on all Waterplay products. This service is quoted on a per project basis as **"commissioning" or "Field Service Work" and dependent upon the complexity of the request. Often repairs can be** performed on site by a local contractor or City maintenance worker, with the verbal help and guidance of a member of our Post-Sales Support Team. See attached Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Technical Proposal – BCI Burke – Section 6.2.2 Waterplay Field Service SOP and Field Service Service SOP and Field Servic



🛛 Yes	🗌 No
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BCI Burke offers a variety of training opportunities to Installers, Representatives, Park and Recreation professionals, Landscape Architects and Designers, Engineers and employees.

Installer Training is presented in conjunction with NPCAI to offer both NPCAI and Burke certifications. This is a two-day training that helps teach the proper installation of Burke playground equipment. Installer Training is optional; installers do not need to be Burke or NPCAI Certified to install our equipment as long as the installation instructions are followed.

In partnership with AEC Daily, Burke offers three enlightening and engaging courses to the Construction, Architectural, Interior Design and Engineering communities for CEU credit at no cost. In addition, we present at conferences and Lunch & Learns to help teach about the various aspects of play, music, fitness, inclusivity and design while offering CEU credits to attendees.

Burke also offers Lunch & Learns for employees and Representatives to keep all of the teams informed of trends, new products, play benefits and maintenance. Topics include:

- Proper Playground Maintenance
- Play That Moves You Making the Case for Play
- Designing Play That Moves You
- Burke Product Training
- Creating Safer Play NPPS Safety Supervision

Waterplay has a very strong focus on training and coaching throughout all areas of our business, including products, installation, maintenance, play value, design, accessibility, play and all other aspects utilized in delivering a world class splash pad installation. The **"Waterplay Academy" houses a comprehensive suite of resources available to all Waterplay trainees, including dealers, contractors**, designers, landscape architects, other specifiers and Waterplay staff. Waterplay's extensive "Knowledge Base" resource houses a library of information pertaining to further learning material available on a myriad of subjects relevant to our products, industry, education and research within our industry. Waterplay provides on-site training where relevant and for developing installers and contractors. A "Waterplay Resource Center," available on their website, and other software tools (WPI, CRM portals) makes all documentation, collateral, technical data and marketing data available instantly. Waterplay is certified to offer Continuing Education Units (CEU's) through two professional industry associations: Landscape Architecture Continuing Education System (LACES) and the American Institute of Architects (AIA). Waterplay strives to extend education, knowledge and learning on all aspects of aquatic design to these communities while supporting their professional demands to maintain accreditation. All Waterplay employees and affiliates who have been trained in the delivery of these learning sessions, are certified to offer CEU events.

6.2.4. *Inspection Service(s) Offering.* Does your company provide inspection services? If yes, describe the inspections services provided by your company. Your response may include, but is not limited to, types

🗌 Yes 🖾 No



	of inspections offered by your company. If there are additional costs associated with these services include any all related pricing in <u>Attachment B – Cost Proposal</u> .	
	nspection services are not included in our proposal, this can be sourced through our network of Authorize for a specific project. The ability to source this locally provides Equalis Members with the best pricing opti-	
		1
6.2.5.	<i>Expert Witness.</i> Can your company serve as an expert witness? If yes, describe how your company serves as an expert witness and they expectations your customer should have when you fulfill that role. If there are additional costs associated with this service include any all related pricing in <u>Attachment B</u> <u>– Cost Proposal</u> .	🗌 Yes 🛛 No
Click here	to enter response.	
6.2.6.	Other Services. Identify and describe any other services available as a part of your proposal that has no in this section.	ot been addressed
Click here to enter response.		



Section 7. Lead Time & Shipping

7.1. Lead Time

Lead Times. Provide a list of the lead time associated with each of your products or product groups. A range 7.1.1. communicating minimum and maximum typical lead times for each product or product group is acceptable. Burke shipping lead times vary according to the product. If a custom play structure is ordered, the standard shipping time is 4 weeks. Other freestanding and site amenities will ship within 2-3 weeks. When an order has been processed, the customer will receive a copy of the Order Acknowledgement, which will show an Estimated Shipping Date. Shade Systems Shade prodcts will ship 4-6 Weeks ARO. Waterplay Manufacturing Lead Times for standard catalog products (excluding Activity Towers and Water Treatment Systems) is 8 weeks from the time a complete order is submitted for processing. A "complete order" refers to: confirmed feature mix, confirmed color selection, a shipping destination and payment confirmation based on the terms of the order. This 8 week lead time does not include transit time from the manufacturing facility to the destination. The Lead Time for Activity Towers and Water Treatment Systems can take up to 10 weeks for the time a complete order is submitted. FlexGround and Vitriturf surfacing lead times are a minimum of 2 weeks – Maximum of 10 weeks on all their products and is deteremined by the job size and products needed. Time Sensitive Orders. Describe your company's available options for expediting orders. If there are additional costs 7.1.2. associated with your design services include any all related pricing in Attachment B. Burke will try their best to accommodate expedited orders depending on the order. (Expedited Shipping Fees may apply) Waterplay above grade components are installed using a playPHASE Base. These bases can be shipped within 10 days of the order being placed allowing the contractor to begin pouring footings, completing the piping and electrical then pouring the final grade concrete for the Aquatic Play Pad, all while the above grade features are being manufactured. Once the above grade components arrive on site, they are simply installed on the flush to grade playPHASE bases. The cost associated with this would be for an advanced pre-shipment of the bases. FlexGround will hire additional 3rd party installation crews for time sensitive projects.

7.2. Shipping

7.2.1.	Describe how your company estimates the cost of, arranges, performs, and monitors the shipping process? Please indicate in what ways this process would differ if the customer requests to manage the shipping process.
immediat	Burke Representative is the customer's main contact for shipping and delivery. Our local Representatives receive e shipping quotes directly from Burke's partner carriers. When an order is placed, it is assigned a ship date and the local
As the ma time to be	Itative will communicate that information to the customer. anufacturing process progresses, the Shipping Team monitors the parts within our system to ensure they are completed in the included with the proper order. Each order is packed to maximize the use of space and tracking information is provided to provide to be shared with the sustamer.
If the cus	esentative to be shared with the customer. tomer prefers to arrange their own freight, they should contact their local Representative before placing the order to make all y arrangements.
Shade Sy	vstems Shades shipping is FOB Plant, Ocala, FL – pricing will be available upon quote request



Domestic shipments of Waterplay features is done by ground transportation FCA origin or by UPS if applicable (for smaller pre- shipments or parts orders) When a customer requests to manage the shipping via "Ex-Works" a materials and handling fee is charged rather than a freight fee. The order will be scheduled and ready for pick-up by the agreed to date between our logistics department and the person managing the freight on behalf of the customer. All shipments are photographed and tracking numbers are provided to the customer along with the photos. See attached Technical Proposal – BCI Burke – Section 7.2.1 - WaterplayFreight Matrix and Technical Proposal – BCI Burke – Section 7.2.1 – Waterplay Shipping Checklist. Flexground ships from their Phoenix location. They utilize different carriers to different regions of the country averaging about \$0.35 per pound. The customer can arrange for materials to be picked up at their Phoenix location at their expense, but would also have to be responsible for off-loading at destination site. FlexGround ships product from their Phoenix location. They utilize different carriers to different regions of the country averaging about \$.35 per pound. The customer can arrange for materials to be picked up at our Phoenix location at their expense, but would also have to be responsible for off-loading at destination site.
Notification. Describe your company's shipping schedule notification procedures. Your response should include, but is
7.2.2. not limited to, how your company deals with shipping delays and how your customer is notified of delays?
Burke provides a shipping schedule (see attached copy) to the Representatives twice a week and they communicate all shipping information directly to the customer. If an order is delayed in any way, the Representative is contacted immediately and proceeds to make contact with the customer. A new ship date will be provided and the local Representative will communicate the new date to the customer. Waterplay has two scheduling meetings every week with our production staff, and during these meetings our production staff review all new orders and assign a ship date to the order based on our manufacturing schedule. Our Logistics Manager will communicate this date to our Sales Support staff (CSRs), who then will send an email notification to our customers. This happens within one week of a customer placing an order with Waterplay.
If there are any delays on an order, these issues are also raised during our scheduling meetings. Our Operations Manager will take the relevant information about the delay and communicate it to our Customer Service Manager who will then directly contact our customer to discuss their project schedule and ensure they are aware of the pertinent information. During this call we will discuss holding an entire shipment or sending what we can and back ordering the delayed product at Waterplay's expense.
FlexGround's Shipping & Logistics Manager monitors all shipping vendors to insure they are up to date in shipping schedules and
notifies Customer Service of any delays or issues. In turn, Customer Service contacts our customers with any shipping issues7.2.3.Performance. What is your company's percentage of on-time delivery?
BCI Burke has a three year average of 95% for on time delivery.
Waterplay measures the performance of orders shipped on time and in full as requested each week. Year to date for 2020 they are performing at 92.27%, for orders placed and shipped in 2019 they had an 88.5% performance.
FlexGround- On-time delivery is on average 98%. Any delay in shipping is due to carrier issues.



Section 8. Proposal Development & Invoicing Processes

8.1. Proposal Development

	Please describe your proposal development process. Your response should include, but is not limited to, how do you
8.1.1.	ensure the customer is receiving products, pricing, and the terms and conditions of your cooperative contracts, and how
	you formally execute on a accepted proposal?

Our proposal process begins with the design process outlined in Section 6.2.1. Pricing is reviewed for accuracy by our Design and Sales departments to provide a checks and balances system and ensure that all pricing and terms are accurate and reflect the terms in the contract. When a proposal is ready to turn into an order, Burke's local Representative enters the order into a secure Intranet site. It is carefully reviewed and processed by Burke's professional staff and then sent to our Manufacturing team to begin manufacturing of the playground, fitness and recreation products ordered. See attached Technical Proposal – BCI Burke – Section 8.1.1 Burke Sample Cost Proposal

If awarded this contract, it will be a requirement that all Waterplay employees servicing territories within the 50 states have a thorough understanding of the Sourcing Alliance/Equalis Group contract and communicate the values to our dealer network in the following ways:

Ongoing Dealer Training: Waterplay provides regular training support to our dealer network on various topics via web-based meetings. One of the key components within this training will be to discuss the sales process around qualifying the opportunity as a Sourcing Alliance sourced price and what they need to identify when submitting their request for quotation to Waterplay. Attending this training is a requirement of every dealer as written in their contract. Waterplay will build a comprehensive component focusing on the values of the Sourcing Alliance—this component will be mandatory for all members of the sales team servicing the US market.

Dealer Round-tables and Quarterly Territory Reviews: Regional Sales Managers meet with the dealer network regularly to assess territory plans, evaluate KPIs and devise sales strategies in each local market. These planned meetings will provide a structured methodology to continuously assess the Sourcing Alliance Contract and incorporate when we can in each territory and strategize for future success.

Waterplay's advanced CRM allows us to easily identify "state contracts" allowing us the added visibility to ensure all projects purchased through this cooperative are executed properly to ensure the customer is receiving the proper product pricing and terms.

Even though Flexground has cooperative pricing, they estimate each project on an individual basis to insure the proper product and scope are being covered. If the pricing for the individual proposal differs from the cooperative contract pricing then they will lower the price to match the contract pricing. Typically they require a purchase order or contract from the customer.

8.2. Invoicing Process

8.2.1.	<i>Describe your invoicing process.</i> Your response may include, but is not limited to, financing options, incremental or progress payments, acceptable methods of payments, and payment terms.	
Involcing accurs the day after the systemer order abing from Durke's manufacturing facilities. All Equalic systemers will reasive pat		
Invoicing occurs the day after the customer order ships from Burke's manufacturing facilities . All Equalis customers will receive net 30-day terms. Burke accepts credit cards check and ACH payments for invoice payment. To assist with financing, Burke partners with NewLane Finance to offer a payment plan for approved customers.		



Section 9. Warranty

9.1. Warranty

9.1.1.	Warranty. Provide a copy of the manufacturer's warranty. If required, please attach the warranty as instructed in Section 2.3 of this document. Describe notable features and/or characteristics of the warr sector customer would find interesting or appealing. Please indicate, and describe if applicable, if there extended warranty coverage available to Members. Pricing related to the any extended warranty options in Attachment B – Cost Proposal.	ranty that a public e are any optional
and strong needs rep on the par Burke's ha open for p The Burke serve com See attack See attack See attack	nds behind our products like no other playground manufacturer. It starts with Burke Built® quality that is bac gest warranty in the industry – the Burke's Generations Warranty®. We don't pro-rate your warranty and if a lacement during the warranty period due to manufacturing defect, we'll replace it for free and give you a br t. and-crafted quality also means less maintenance is required, which keeps your operating costs low and yo	plastic play event and-new warranty ur playground
See attack See attack	ned Technical Proposal – BCI Burke – Section 9.1.1 - Vaterplay Warranty ned Technical Proposal – BCI Burke – Section 9.1.1 - Flexground Warranty ned Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty <i>Claims.</i> Describe your warranty claims process.	
not a loca Inspector the assista	s will work directly with their local Sales Representative to assist with any service or warranty repair. In th Representative in their territory Burke Customer Service will assist with the repair or contract a Certified F to assist in the repair, if needed. Most repairs can be done by the customer with the help of Burke Install F ance of Burke's Customer Service Department, if needed. Please see attached Technical Proposal – BCI rke Problem Report Form	Playground Prints and with
9.1.2.1.	<i>Full Coverage.</i> Does the warranty cover all products, parts, and labor? If no, provide further explanation.	🗌 Yes 🔀 No
	Labor is not included in Burke's warranty. However, numerous Burke Representatives include a supplemental warranty for labor related to warrant repairs on Burke equipment.	
	Each warranty claim is reviewed on a case by case basis to ensure the full scope of the claim is understood and documented. It is during this review that a decision is made on the cost of labor and if it is to be covered in relation to the claim.	
9.1.2.2.	Technician's Expense. Does the warranty cover the expense of technicians' travel time and mileage to perform the warranty work?	Yes 🗌 No
	Burke offers a Back-charge/Re-imbursement form as needed (which includes mileage re- imbursement) for when products are replaced. Every circumstance is handled individually by Customer Service staff and/or Plant Manager. Please see attached Technical Proposal – BCI Burke – Section 9.1.2 – Burke Charge Back Form	



9.1.2.3.	<i>Prorated Coverage.</i> Is the manufacturer's warranty coverage prorated? If yes, provide further explanation as to how the prorated feature of the warranty may affect current or future Members.	🗌 Yes 🔀 No
	Our warranty is not prorated and replacement parts covered under that warranty will have their own appropriate, full-length warranty instead of being restricted to the balance of the original warranty period which is based on the date it was shipped by the manufacturer. Furthermore, all parts covered under Burke's warranty are shipped free of charge .	
	1	1
9.1.2.4.	<i>Third Party Coverage.</i> Is the manufacturer warranty offered through, administered by, and/or financially backed by a third-party? If yes, provide information and background about the third-party insurer.	🗌 Yes 🔀 No
	Click here to provide additional commentary, if necessary.	
	Warranty Limits. Does manufacturer warranty place any limits that would adversely affect coverage?	
9.1.2.5.	Describe any limits to your warranty coverage.	🗌 Yes 🔀 No
	 No – there are no usage restrictions of our products for the Warranty. We do not cover "cosmetic" defects caused by incorrect installation, vandalism, misuse, accident, wear and tear from normal use, exposure to extreme weather, immersion in salt or chlorine water, unauthorized repair or modification, abnormal use, lack of maintenance, or other causes outside of Burke's control. See attached warranties for exclusions/limitations: See attached Technical Proposal – BCI Burke – Section 9.1.1 - Burke Generations Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Burke Tile Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Burke Turf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Burke Turf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Burke Turf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Shade Systems Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Flexground Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Waterplay Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Flexground Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI Burke – Section 9.1.1 - Vitriturf Warranty See attached Technical Proposal – BCI	
9.1.2.6.	Product Coverage. Does the warranty cover products made by other manufacturers that are part of your proposal, or are these warranties typically passed on to the original manufacturer? Describe any limits to your warranty's coverage as it relates to products manufacturer by other companies.	🗌 Yes 🛛 No
	Burke does not cover warranty service for parts made by other manufacturers. Burke also takes great care in making sure we do not mix and match our parts with other manufacturers on the same piece of play equipment. Installers will, in most cases, work with whatever equipment is on site, even if it is multiple suppliers, however warranty service should be directed to the original manufacturer if at all possible.	



Section 10. Customer Service

10.1. Customer Service Department

10.1.1.	<i>Overview.</i> Describe your company 's customer service department. Your response should include, but is not limited to, the number of customer service representatives, hours of operations, accessibility to customer service staff and if any of your partners (distributors, dealers, or resellers) play any role in providing customer service.
PM CST. It to meet cu	service is a cornerstone of Burke and we employ three full-time Customer Service Representatives that work 7:30 AM-4:30 f needed, other company resources such as the Quality and Engineering and Product Development Managers can assist stomer needs and answer questions. Our Representative network is also equipped to answer questions and assist our customers with a variety of questions and needs.
10.1.2.	Complaint Resolution. Describe your company's complaint resolution process. Your response should include details related to warranty claims, if not already addressed in Section 9.1, and unrelated to warranty claims.
title as a P generated Reports ar the electro equipment addressed	mer issues/complaints go through Burke Customer Service, who documents the issue and provides resolution on what we roblem Report. If new parts are required, these Problem Reports are entered as they occur, with a new 'order' being for the new parts. These parts come to the shop floor in a special colored order folder so that we can see they are Problem and ensures they get attention as quickly as feasible. Even if parts are not needed, notes are made by Customer Service in nic order folder for future reference so that we can track all activity and any replacement parts for an order for the life of the . Warranty Claims are also sent to the shop floor in the same special colored folders to get special attention to be quickly for customers. These types of Problem Reports and Warranty item costs are covered by Burke for not only the ut the shipping cost per our Warranty document.
10.1.3.	Returns & Restocking. Describe your company's return and restocking requirements, policies, and procedures. If there are any fees associated with the return or restocking of products, include those fees in <u>Attachment B – Cost Proposal</u> .
directly into additional	are returned to Burke due to an error in ordering or the customer has changed their mind on something, parts that can go o stock with no additional work are simply put into stock and the customer is credited for those parts. Parts that need processing or re-powder coating are assessed a 25% re-stocking charge. If parts are not able to be used (as determined ality Manager) and have to be scrapped, the customer will not receive credit for those items.
10.1.4.	Freight Costs. Are your customer's responsible for paying return freight on any returned products?
	If parts are returned to Burke due to a customer error, the customer is responsible for return freight charges. If Burke specifically requests to have something sent back due to a product issue in the field or to review a product due to a specific complaint that may not be able to be reviewed simply by pictures, Burke will cover the cost of the return freight.



Section 11. Additional Features & Other Offerings

11.1. Additional Features

11.1.1 Value Add. Describe any other features or capabilities relating to the playground industry that would improve or enhance the Program. Your response may include, but is not limited to, ecommerce capabilities, marketing capabilities, green initiatives, and technological advancements.

BCI Burke is a long-standing company with 100 years in business. We continue to evolve our products, designs and processes to bring the best in play to the communities we serve.

Our designs and products are influenced by both primary and secondary research. We partner with leading institutions to research how play helps children develop and what types of play influence different ages and abilities. Most importantly, how to put it all together in both product and space design. This helps us be the best partner for you – someone you can count on to be a resource.

Play That Moves You[®] is the driving force behind all that we do. It's getting and keeping kids, families and communities moving and providing a place to gather and engage. This infiltrates everything our everyday – the products we bring to market, the people and Representatives we partner with and the recreation spaces we design. It means we bring quality to the game because spaces can't move people if they aren't functioning. Burke's playgrounds are handcrafted by artisans in Fond du Lac, WI using high quality materials, including compounded plastics with UV-16 and aluminum connectors to protect your investment. Burke's exclusive KoreKonnect[®] direct-bolt clamp system is the very best in the industry and our EZKonnect[®] system features a self-leveling platform design that eases installation.

We all share one earth, and at Burke we want to preserve our planet for future generations of children. We've implemented a variety of practices to help us help keep our shared world a better, greener place. We get 100% of our energy from wind and other renewable resources. This helped us earn the Green Power Partner designation from the US Environmental Protection Agency – the only playground manufacturer to achieve this!

Being part of the play community helps us stay abreast of industry needs and shape trends. We are part of IPEMA and Voice of Play, an IPEMA initiative, in a variety of ways, including board and committee positions and product certifications. We hold a Steering Committee position with the US Play Coalition, an international organization dedicated to promoting play throughout life. Numerous local organizations, including the Boys & Girls Club of Fond du Lac and the Fond du Lac Family YMCA, are also part of our network and we work with them to create community close to home.

Playground safety is of the utmost importance for us and we demonstrate that in a variety of ways. We offer a free Safety Kit with every modular play structure order. Written and developed by the National Program for Playground Safety, this kit teaches playground supervision to teachers, caregivers, parents and volunteers. Maintaining your play area is a must for playground safety. Your new Burke modular play structure comes complete with a free Maintenance Kit to help keep your playground providing community fun for years to come.

The Waterplay Marketing Team utilizes various technologies to support and enhance our marketing effectiveness. Their marketing strategy for promoting this contract opportunity includes:

Campaigning:

Social Media - projects awarded through the Sourcing Alliance contract will be promoted in our social media efforts

Email:

Targeted marketing campaign sent to our dealer network and key accounts showcasing the value of Sourcing Alliance and Waterplay's association with this service. If approved, we would proactively send a campaign to the Sourcing Alliance members introducing ourselves and our offer.

Documentation:



Waterplay will reference the Sourcing Alliance in quotes and relevant external documentation within the US market.

Website:

The Marketing Team will create a section on the website showcasing the Sourcing Alliance service and values.

Technology Advancements:

- 1. Waterplay utilize a fully integrated CRM system within our business to increase the productivity and effectiveness of our lead generation process, sales process, customer integration and contact process, custom and territory management process and process and order delivery and management process. These efficiencies allow us to have a targeted approach to our business, making use and integration of the Sourcing Alliance service very effective.
- 2. Waterplay Interactive is an innovative project design application exclusive to Waterplay, complete with rendering capabilities and product documentation, giving you the ability to create your aquatic play space any time!
- 3. Waterplay utilize Digideck, a cloud-based presentation platform that transforms sales into an experience to drive business growth. Digideck has full CRM integration, powerful analytics, and immersive, media-rich experiences. The utilization of this tool allows deeper, targeted and relevant communication of the Sourcing Alliance service through a powerful digital media unmatched in our industry.

Green Initiatives:

Waterplay is ISO certified for environmental management processes (14001:2015). Their corporate office and manufacturing facility are situated in a community serviced by hydroelectricity. They actively reduce waste by sourcing recyclable materials with consideration to the amount that will be left unutilized. The use of non-toxic materials and coatings ensure safety for water players and the environment. They are committed to designing products with low flow rates and encouraging play spaces that optimize water use through activation sequencing and water management best practices

Industry Standards body participation:

Waterplay participate in the standards and direction of the aquatics industry by having representation on various relevant committees of the American Society for Testing and Materials (ASTM)

FlexGround is one of the only playground surfacing companies that maintains a research and development division. FlexGround has multiple proprietary products which are listed in their product categories.

11.2. Additional Offerings

11.2.1.	Other Capabilities. Identify and describe any other products and/or services your company offers outside the primary scope of this RFP that can be made available to Members. Any products or services offered in this section will only be considered if pricing in offered in <u>Attachment B – Cost Proposal</u> in accordance with the directions provide in <u>RFP Section</u> 2.3 Cost Proposal & Pricing Template.
Click here to enter response.	



Section 12. Partnering with Sourcing Alliance

12.1. Bidder Organizational Structure & Staffing of Relationship

12.1.1.	<i>Primary Point of Contact for Sourcing Alliance/Equalis Group.</i> Who is the individual that will serve as Sourcing Alliance/Equalis Group's primary point of contact for developing and implementing a go-to-market strategy to increase Program participation by local governments and educational institutions across the country? Include the individual's name, title, a description of their role, and a resume or biography.
developm participati in and out and, as a Managem Managem	nson, Chief Marketing Officer and Burke Shareholder, is Source Alliance/Equalis Group's primary point of contact for the ent and implementation of our go-to-market strategy as well as being the person responsible for increasing Program on across the country. Brian joined Burke in 2007 after holding several senior sales and marketing leadership positions both side of the playground industry. In his current role, Brian oversees Marketing and Education, Product Development, Design member of the leadership team, provides strategic and operational leadership to the company. Brian holds a B.S. in Business ent and Accounting from the University of Wisconsin-Parkside and a M.B.A. in Marketing from the Keller Graduate School of ent. He is also a Certified Playground Safety Inspector (CPSI) and serves as the Chair of the Marketing & PR Committee for important industry trade association.
specific m developm	our current sales strategy, we work with our four Regional Sales Managers and Representative partners to develop territory- arketing plans and sales strategies. Our marketing team supports their efforts with everything from public relations and content ent to graphic design and website optimization. We have a robust Marketing and Education Department that has breadth and industry knowledge and is able to work with our talented Regional Sales Team to ensure the success of initiatives.
12.1.2.	<i>Key Staff.</i> Provide the names, roles, and tenure with the company of other key staff members who will be working with Sourcing Alliance/Equalis Group in such areas as sales management, field sales, marketing, collateral development and approval, accounting, and reporting.
Please se	e attached Technical Proposal – BCI Burke - Section 12.1.2 – Key Staff.pdf
12.1.3.	Organizational Chart. Provide an organizational chart describing the roles and reporting relationships of senior management and departments or divisions within your company.
Please se	e attached Technical Proposal – BCI Burke – Section 12.1.3 – Organizational Chart
12.1.4.	Sales Organization. Provide a description of your sales organization, including key staff members, the size of the organization, in-house vs. third-party sales resources, geographic territories, vertical market segmentation, segmentation by account size, inside sales, field sales, and how sales representatives are compensated (e.g., on gross revenue, profitability, or some other formula).
party distr 100 sellin	e playground and recreation industry sells through 3 rd party distributors. The majority of Burke's sales are generated by 3 rd ibutors that have exclusivity in specific geographies. Burke has 30 primary distributor firms that consist of approximately grepresentatives. We have distributor coverage in almost every state in the contiguous United States and are constantly add additional distribution in unrepresented or underpenetrated areas.
Fond du L well altho	ports our distributors with 4 Regional Sales Managers located throughout the U.S. and with Sales Support based out of ac, Wisconsin. In geographies where Burke does not have 3 rd party distribution, we have added direct sales resources as ugh it makes up a small percentage of our business. In total (Burke direct sales, 3 rd party distribution, and sales support) we oximately 120 people dedicated to growing our sales.



Whether Burke's direct resources or our 3 rd party partners, the selling representatives generally service all markets within a geography, so schools, municipalities, childcare centers, churches, etc. Burke's distributors usually compensate their sales representatives based on the profitability of their projects. Burke's sales resources are incentivized on sales and market share growth in their territories.		
12.1.5. Five (5) Year Sales Vision & Strategy. A piggybackable Group Purchasing Agreement with Sourcing Alliance/Equalis Group provides your company with an opportunity to win new and renew existing local government and educational institution business through an exemption to the traditional bid/RFP process. In other words, public sector entities that want to purchase your company's products and services can do so without having to conduct a bid or RFP. Describe your company's vision and strategy to leverage a piggybackable Group Purchasing Agreement with Sourcing Alliance/Equalis Group to win and retain local government and educational institution business over the next five (5) years.		
Burke sells its products through an extensive network of exclusive distributor partners. Our growth strategy includes aggressive plans to increase market share by working closely with our distributors and help them grow their businesses in the local government, K-12, and higher education market segments with introductions of the industry's most innovative new products, best-in-class marketing/sales tools, aggressive promotional marketing, and actively promoting the use of cooperative purchasing contracts such as Equalis.		
We would first recommend working with the Equalis team to understand where they have a concentration of resources (business development, etc.), strong program utilization, and targeted areas for geographic expansion. We would align areas where Equalis already has strength with the territories that have the highest revenue generating potential for recreational products including playgrounds, shade and aquatics. We would then work closely with the Equalis team to conduct joint marketing campaigns to promote Burke's products and the use of the contract. Concurrently we would jointly develop a list of key target customers in each territory and develop tactics to convert these customers to Burke using the contract.		
12.1.6. Driving Program Participation & Revenue. What geographies and vertical markets will be targeted and in what timeframe?		
Burke has an extensive distribution network in the United States and is capable of targeting numerous geographies simultaneously. Our first step will be working with the Equalis team to understand your expansion plans and where you may have a concentration of resources as well as strong program utilization. From there we would align areas where Equalis already has strength with the territories that have the highest revenue generating potential for recreational products, including playgrounds and aquatics. Working with our Representative partners is those areas will help us build success stories and case studies to bring to other Representative territories and our collective customers.		
12.1.7.Group Purchasing Agreement Deployment with Sales Team. How will the piggybackable Group Purchasing Agreement be deployed with your public sector sales team?		
Burke will work with our Equalis team to educate Burke's key resources as well as key resources of our partners about the benefits of the program. We would then recommend a general webinar with our distributors so we can provide a general overview about the program to the broad network and how it can be used to help them grow their businesses. After this we would recommend a more focused training with our sales and distribution team in the geographies Equalis and Burke identify as outlined in 12.1.6.		
12.1.8.Sales Team Incentives. How will your sales team be incentivized to leverage the Sourcing Alliance/Equalis Group piggybackable Group Purchasing Agreement when pursuing public sector business?		
Burke's sales resources are incentivized on sales and market share growth in their territories. Generally, the sales resources at Burke's distributors are compensated on the growth and profitability of their projects. Utilizing Equalis Group's Group Purchasing Agreement can directly help Burke's direct sales resources and our distributors win projects which aligns well with their goals and compensation.		



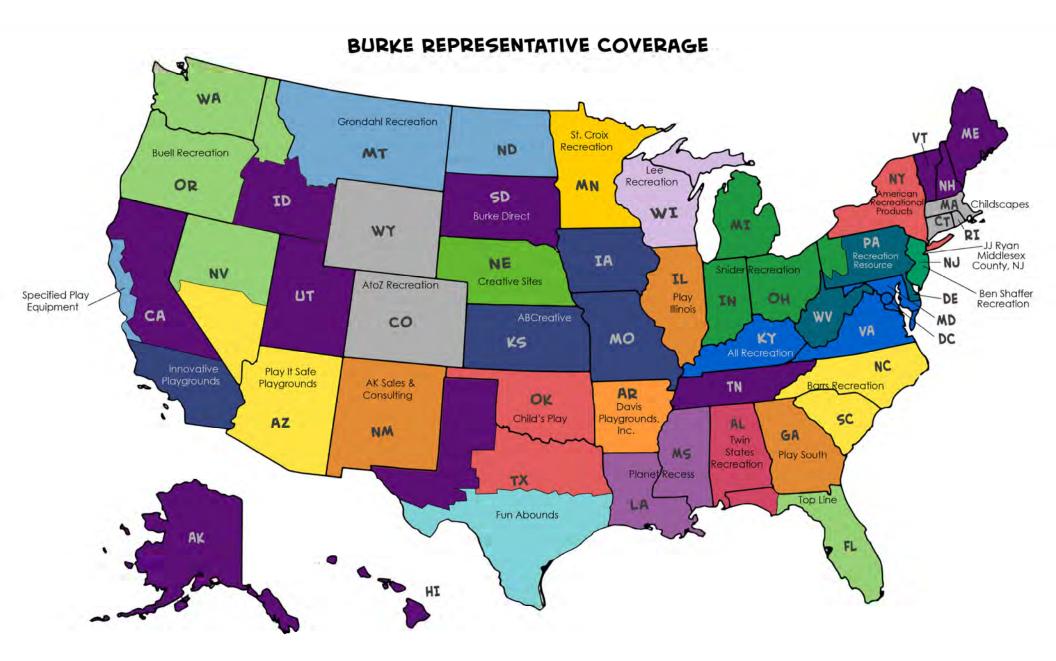
12.1.9.	<i>Revenue Objectives.</i> What are your revenue objectives in each of the five (5) years of the piggybackable master agreement?	
Year 1 – \$2	2.0M	
Year 2 – \$3	3.5M	
Year 3 – \$	5.5M	
Year 4 – \$	7.5M	
Year 5 – \$*	10.0M	
12.1.10.	<i>New Business Acquisition.</i> What is your strategy for winning new business under the Sourcing Alliance/Equalis Group exemption from traditional bid/RFP processes?	
Burke finds that entities who are familiar with cooperative purchasing contracts or have used them before are more likely to use them again. By targeting entities that already utilize cooperative purchasing contracts and are familiar with their innerworkings but have not used one for purchasing playground or recreational products, we can tap into the potential of this segment of already comfortable contract users. Burke will work with Equalis to understand and segment schools or other entities that adopted an Equalist purchasing program for other products and then target those entities for playground and recreational products.		
Concurrently, our sales and distribution team will focus on customers that utilize alternative cooperative contracts for purchasing and educate them on the benefits of an Equalis program. We will also target entities that utilize traditional bid/RFP processes and educate them about the benefits of cooperative purchasing and specifically about the Equalis program.		
12.1.11.	Existing Business Retention. What is your strategy for retaining existing business under the Sourcing Alliance/Equalis Group exemption from traditional bid/RFP processes?	
The playground and recreational markets generally do not have on-going business but rather purchases made on a project by project basis. We have found that once an entity has purchased utilizing a cooperative contract that they are significantly more likely to do so again in the future. As part of the sales process, our sales team and distributors would educate these customers that have purchased from Burke through another contract in the past and educate them about the benefits of the Equalis program for any future purchase.		

12.2. Sourcing Alliance/Equalis Group Administrative Fee & Reporting

12.2.1.	Administrative Fee. Sourcing Alliance/Equalis Group generates revenue as a percentage of the Winning Supplier's revenue from local government and educational institutions purchasing products and services from Winning Supplier through the piggybackable master agreement between the Winning Supplier and Sourcing Alliance/Equalis Group. The Administrative Fee is designed to align the interests of the Winning Supplier and Sourcing Alliance/Equalis Group – Sourcing Alliance/Equalis Group only generates revenue when the Winning Supplier generates revenue based on Program utilization by current and future Members. The Administrative Fee for this Program is two percent (2%) of the Winning Supplier's Program revenue, payable upon invoice issued by the Winning Supplier to participating Members. Confirm that, if selected as the Winning Supplier of this RFP process, respondent agrees to this Administrative Fee structure.	X Yes 🗌 No
Click here	to provide additional commentary, if necessary.	
12.2.2.	Shared Marketing Costs. Sourcing Alliance/Equalis Group will work closely with the Winning Supplier to drive participation in the Program and will design Program marketing campaigns to current and	🛛 Yes 🗌 No



	potential Members across the country. These campaigns may include the development, production, and distribution of marketing collateral, acquiring prospect contact information, attending trade shows, and other typical marketing expenses. All out-of-pocket marketing expenses will be identified as part of the design of each marketing campaign, and each marketing campaign must be approved by both the Winning Supplier and Sourcing Alliance/Equalis Group prior to implementation. The out-of-pocket costs for each marketing campaign are split equally between the Winning Supplier and Sourcing Alliance/Equalis Group prior to implementation. The out-of-pocket costs for each marketing campaign are split equally between the Winning Supplier and Sourcing Alliance/Equalis Group and paid to the party incurring the out-of-pocket expenses upon invoice. Confirm that, if selected as the Winning Supplier of this RFP process, your company agrees to share equally in the cost of any agreed upon out-of-pocket expenses as described herein	
12.2.3.	Sales & Administrative Fee Reporting. Sourcing Alliance/Equalis Group requires monthly reports detailing sales invoiced the prior month and associated Administrative Fees earned by the 15 th of each month and reports detailing the prior calendar year's sales invoiced and Administrative Fees earned within thirty (30) days following the end of the calendar year. Confirm that your company will meet or	X Yes 🗌 No
	exceed this reporting requirement. If your company cannot meet this reporting requirements schedule, explain why and propose an alternative time schedule for providing these reports to Sourcing Alliance/Equalis Group.	
12.2.4. Sales Pipeline Reporting. Describe the types of reports and information that are available to track ongoing prospect and sales pipeline activity by your company's sales team in support of joint marketing and sales campaigns implemented by your company and Sourcing Alliance/Equalis Group. What types of information and reporting can be accessed by Sourcing Alliance/Equalis Group in real time and/or on a monthly basis? What types of information and reporting can be provided to Sourcing Alliance/Equalis Group electronically on a monthly basis at minimum? Provide samples of prospecting and sales pipeline reports available to Sourcing Alliance/Equalis Group.		
Click here	e to enter response.	



WEConnect INTERNATIONAL hereby awards the credential of Certified Women's Business Enterprise WATERPLAY SOLUTIONS CORP. has met the criteria for certification as a women's business enterprise by WEConnect International. 1000001103 Certification Number Elizabeth Vazquez, CEO & Co-Founder WEConnect International Canada Country of Certification May 15, 2021 Expiration Date Liz Cullen, Director of Compliance & Education WEConnect International

Burke Awards

2020 ULI Urban Open Space Awards Finalist – Trojan Park

Trojan Park in St Louis, Missouri is a finalist for the 2020 Urban Land Institutes Urban Open Space Awards. BCI Burke donated playground equipment to a portion of Trojan Park as part of the National Recreation Park Association Parks Build Community Program.

Issuing Organization – Urban Land Institutes: The mission of the Urban Land Institute is to provide leadership in the responsible use of land and in creating and sustaining thriving communities worldwide. Finalist Listing: Trojan Park is a 1-acre community park in Wellston, Missouri that gets an estimated 20,000 visitors per year. It is a key destination as part of the St. Vincent Greenway, which stretches across four towns in the St. Louis region, connecting major parks, schools and universities, public transit, job centers and neighborhoods. Built as part of the National Recreation and Park Association (NRPA)'s "Parks Build Communities" initiative, it is a partnership project between Great Rivers Greenway (regional public agency connecting three counties with greenway trails), City of Wellston, St. Louis County Parks, NRPA and more than 30 partners who contributed funding or in-kind services or materials to the park. The City, County, and NRPA continue to collaborate with vendors and volunteers for operations and maintenance. The park, designed and named by neighbors to honor the former high school mascot, is packed with amenities they chose, from a splashpad and playgrounds to a full basketball court. It is a go-to spot for public and private gatherings. Beyond basic functions, it also features ADA-accessible exercise equipment, musical instruments and rain gardens full of native plants. Elected County Councilwoman Hazel Erby describes the relationship to the community: "When I walked up this morning I could hardly keep from tearing up, it's so wonderful. Wellston deserves it. Our children deserve it. Our families deserve it. There are good things happening here. We always hear the negative, today this is just ... a vision of hope."

NRPA Parks Build Community Project Page (2016) In 2016, NRPA partnered with Great Rivers Greenway, the regional parks and trails district in the St. Louis region, and the city of Wellston, Missouri to transform a vacant lot in to Trojan Park - a vibrant community park through NRPA's 2016 Parks Build Community initiative. NRPA's vision for the park was simple: Expand opportunities for residents of all ages to be active and enjoy each other's company. The ultimate goal was a dynamic gathering space to experience new ways to play. Family reunions, live music, pickup basketball or summer days on the splash pad are just some of the reasons this park will be a place where people come together.

This Parks Build Community project took place in conjunction with the 2016 NRPA Annual Conference in St. Louis, Missouri.

NRPA's Parks Build Community is a national program demonstrating the transformative value of parks on the health and vitality of communities throughout our country. The vision to build and revitalize parks as thriving gathering places for youth, families and adults is one shared by NRPA, its industry and nonprofit partners, as well as the thousands of park and recreation professionals who develop and maintain these treasured public places.

2019 Facilities Showcase – Florida Park & Recreation Association (FRPA) – City of Coral Springs Park & Recreation

Award: Each year, FRPA receives nominations for recently built or renovated spaces from around the state of Florida. This showcase annually features parks, community centers, dog parks, aquatic facilities, fishing piers, trails, skate parks, gymnasiums and so much more. This feature is not only a chance to show a glimpse of the hard work that went into the project, it also serves as a sort of yearbook of the achievements made throughout the state.

Winning Project: At 62 acres, Mullins Park is the largest park in Coral Springs and a second home to many local families involved in sports activities. But the park's playground was showing its age, so the Parks and

Recreation Department built a new one as part of its 15-year playground replacement program. Top Line Recreation, exclusive Burke representative in the State of Florida, designed and installed the equipment. City of Coral Springs Park & Recreation

C1-C2 https://www.frpaiournal-

digital.com/frpg/0419 winter 2019/MobilePagedArticle.action?articleId=1540987#articleId1540987

Issuing Organization – FRPA: The Florida Recreation and Park Association is a non-profit organization dedicated to the promotion, preservation, and advocacy of the Parks, Recreation, and Leisure Services profession. Originally organized in 1942 and incorporated in 1983, the Association is directed by a volunteer Board of Directors, and an Executive Office based in Tallahassee.

Members are professionals working for federal, state and local parks, recreation and leisure service agencies; local recreation and park advisory board members serving in local communities; faculty and students at colleges and universities; therapeutic recreation specialists and activity coordinators working in recreation settings; and suppliers of recreation and park products and services.

By providing education, professional certification, networking, legislative representation, and leadership opportunities to Parks and Recreation professionals, FRPA has become a leading association recognized by Florida Trend Magazine as a Top-Ranked Association.

2018 Diamond Award Recipient – American Council of Engineering Companies (ACEC) of New York - Rocketship Park

Award: The Diamond Award is the highest level handed out by ACEC. More than 60 firms submit projects to be judged on a rigorous set of criteria, including complexity, innovation and value to society. A panel of industry experts, including military and government officials, leadership from ACEC, educators from college and university engineering departments and others, judges the projects. Winners are selected based on the highest average scores in the various categories.

Winning Project: The park was an existing 4,000 SF playground built in the mid-1970s located about 750 feet from the Port Jefferson Harbor, in the Village of Port Jefferson (Port Jeff). Port Jeff is a historic shipbuilding village on the north shore of Long Island in the Town of Brookhaven, Suffolk County, New York.

Years of neglect and vandalism left the park in need of a full makeover. The new design was focused on increased accessibility for all kids, using an Inclusive Play Design while encouraging children of all ages to engage in meaningful play. LKMA was the sole engineering consultant, site survey and proposed schematic site plans were developed for this project. American Recreational Products, exclusive Burke representative in the State of Florida, designed and installed the equipment.

Issuing Organization: ACEC New York is a proactive coalition representing nearly 300 member firms who engage in every discipline of engineering related to the built environment including civil, structural, mechanical, electrical, environmental, and geotechnical. We are a diverse group of consulting engineering firms from across New York State, ranging from sole proprietors to multinational corporations that collectively employ over 30,000 New Yorkers and nearly ten times that number worldwide. Our shared goals are to further the business interests of our membership, enhance the quality and safety of the environment we live and work in, and help ensure the vitality of our communities.



BCI BURKE REFERENCES

CHARLOTTE COUNTY

Charlotte County Community Services – 1120 Centennial Blvd., Port Charlotte, FL 33953 Lacey Solomon, Project Coordinator, (941) 833-3840, lacey.solomon@charlottecountyfl.gov

Burke has provided seven Burke playgrounds for Charlotte County over the last three years. The most recent project was North Charlotte Regional Park, which was a \$320,000. Burke and our representative in Florida, Top Line Recreation continue to work with Charlotte County purchasing through cooperative contracts.

CITY OF SPARKS

City of Sparks – 98 Richards Way, Sparks, NV 89431 Brian Carson, Capital Projects Manager, (775) 353-4083, bcason@cityofsparks.us

Burke has provided eight playgrounds in the last ten years for the City of Sparks. The purchases included equipment, rubber tiles and site furnishings for all eight sites and continues to work with them purchasing currently under OMNIA.

DOWNERS GROVE SCHOOL DISTRICT #58

Downers Grove School District #58 – 1435 Prairie Ave., Downers Grove, IL, 60515 Kevin Barto, Director of Buildings and Grounds, (630) 719-5858, kbarto@dg58.org

Downers Grove School District has worked with Burke since 2016. They have purchased four new playground structures for four different schools and new swings and swing bays for another school. This is an ongoing relationship that will continue as they are updating their playgrounds for their 14 schools.

ROCHESTER COMMUNITY SCHOOLS

Rochester Community Schools – 501 W University Drive, Rochester, MI 48307 Pete Muscio, Director Capital Programs & Facilities, (248) 726-3150, PMuscio@rochester.k12.mi.us

Snider Recreation, Burke's exclusive representative for Michigan, has been working with Rochester Community Schools since 1982, and has recently been utilizing the OMINA contract since 2016 for all materials, labor, surfacing and playground upgrades and replacements for 11 of their 13 Elementary Schools.

Mecklenburg County Parks & Recreation

Mecklenburg County Parks & Recreation – 5841 Brookshire Blvd, Charlotte, NC 28216 James Rainey, Park Operations, (980) 314-1043, james.rainey@mecklenburgcountync.gov

Burke and Barrs Recreation have been working with Mecklenburg County since 2014. The county has over 200 parks and they are renovating 7-10 playgrounds each year, in which 22 of them have Burke Equipment in them, and 3 more Parks will soon be equipped with Burke Play Equipment. Mecklenburg County has been purchasing through OMNIA for the last three years.





CUSTOMER REFERENCES Pour In Place Rubber Surfacing

- City of Chandler PO Box 4008, Chandler AZ 85244 Tyrone Allen, Parks Maintenance Superintendent Phone: 480-782-2667 Email: <u>Tyrone.Allen@chandleraz.gov</u>
- 2) Deer Valley Unified School District 20402 N 15th Ave, Phoenix AZ 85027 Ryan Benson, Supervisor Phone: 602-763-8534 Email: <u>ryan.benson@dvusd.org</u>
- 3) City of Tempe 55 South Priest Drive, Building L, Tempe AZ 85281 David McClure, Landscape Architect Phone: 480-350-5221 Email: <u>David McClure@tempe.gov</u>
- 4) Paradise Valley Unified School District 15002 N 32nd St, Phoenix AZ 85032 John Glenny, Playground Maintenance Phone: 602-449-2260 Email: jglenny@pvschools.net
- Scottsdale Unified School District 7575 E Main St, Scottsdale AZ 85251 Greg Skelton, Facilities Services Phone: 602-206-5392 Email: <u>gskelton@susd.org</u>

AZ Lic #288687 & 283192 CA Lic #1003439 | DIR #1000021294 | OR Lic #212632 NV Lic #0076764 & 0077757 | UT Lic #8407048-5501 ID Public Works Lic #021851-C-4 - WA Lic #UBI: 603-389-277 CC01



4150 S.W. 19 Street · Ocala, FL 34474 Tel.: 352/237-0135 · TOLL-FREE: 1-800-609-6066 · FAX: 352/237-2256 E-mail: info@shadesystemsinc.com

CUSTOMER REFERENCES

The following is a partial selection of local customers who may be contacted and interviewed about their experiences with Shade Systems products and service:

City of Plano Parks & Recreation ATTN: Kevin Murray, Park Superintendent 1409 Ave K Plano, TX 75074 Tel.: 972-41-7265 Email: <u>kevinmurray@plano.gov</u> Projects & Duration: Bleacher covers at Plano Youth Soccer, installed 2013

City of Grapevine Parks & Recreation ATTN: Kevin Mitchell PO Box 95104 Grapevine, TX 76099 Tel.: 817-410-3122 Email: <u>kmitchell@grapevinetexas.gov</u> Projects & Duration: Numerous shade structures at Dove Pool, installed 2013

Miami-Dade County Park Planning Department ATTN: Mr. Michael Bedell, Landscape Architect 275 NW 2nd Street Miami, Florida 33128. Ph. 305-755-7891 Email: <u>mbedell@miamidade.gov</u> Projects & Duration: Numerous shade structures at multiple locations since 2004

City of North Myrtle Beach Parks & Recreation ATTN: Matt Gibbons 1030 Possum Trot Road North Myrtle Beach SC 29582 Tel: 843-280-5574 Email: <u>imgibbons@nmb.us</u> Projects & Duration: Numerous shade structures at multiple locations since 2013

City of Miami Beach ATTN: Carlos DaCruz 1701 Meridian Avenue, Suite 401 Miami Beach, FL 33139 Ph. 305-673-7000 x-6287 Email: <u>CarlosDaCruz@miamibeachfl.gov</u> Projects & Duration: Numerous Shade Structures at multiple locations since 2004

Vitriturf References

David Jones, CPSI Mid-South Recreation, Inc. 7341 Crowther Cove, Memphis, TN 38119 Phone: (901) 754-090 CONTACT: David Jones

Penchura 889 S. Old US 23 Brighton, MI 48114 Phone: 614-206-4288 <u>www.Penchura.com</u> CONTACT: Eric Sheffer

All Recreation of Virginia, Inc. 20609 Gordon Park Square, Suite 190 Ashburn, VA 20147 Phone: 888-419-0001 CONTACT: John Lombardi



REFERENCES FOR: Waterplay Solutions Corp.

REFERENCE:	PRINCETON PARK SPLASH PAD
ADDRESS:	1685 West Higgins Road, Hoffman Estates, IL 60169
PHONE:	847-285-5465
MAIN CONTACT:	DUSTIN HUGEN
EMAIL:	dhugen@heparks.org
ORDER:	PLACED: March 31, 2020 SHIPPED: May 29, 2020 PRODUCT: Features/ECO Activator

REFERENCE:	PATTON MILL PARK SPLASH PAD
ADDRESS:	10 North Water Street, South Elgin, IL 60177
PHONE:	847-622-0003
MAIN CONTACT:	KIM WASHER
EMAIL:	kwasher@southelgin.com
ORDER:	PLACED: March 10, 2020 SHIPPED: May 29, 2020 PRODUCT: Features/Luminaries/Mechanical Cabinet



REFERENCE:	LIVONIA RECREATION CENTER	
ADDRESS:	15100 Hubbard, Livonia, MI 48154	
PHONE:	734-466-2925	
MAIN CONTACT:	STEPHANIE MANOOGIAN	
EMAIL:	smanoogian@ci.livonia.mi.us	
ORDER:	PLACED: May 1, 2019 SHIPPED: July 9, 2019 PRODUCT: Features and Activity Tower	

REFERENCE:	THE RIDGE		
ADDRESS:	6613 S Ward St, Littleton, CO 80127		
PHONE:	303-409-2100		
MAIN CONTACT:	DEREK EBERHARDT		
EMAIL:	dereke@fhprd.org		
ORDER:	PLACED: May 22, 2019 SHIPPED: August 7, 2019 PRODUCT: Features and Activity Tower		



REFERENCE:	MT. WASHINGTON COMMUNITY PARK
ADDRESS:	275 Snap Street, Mt. Washington, KY 40047
PHONE:	502-538-4216
MAIN CONTACT:	SHERYL PAXTON
EMAIL:	spaxton@mtwky.org
ORDER:	PLACED: February 2, 2018 SHIPPED: March 19, 2018 PRODUCT: Features/ Controller/Manifold







IPEMA ASTM F1487-17 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

In the interest of public playground safety, IPEMA provides a third-party certification service whereby TÜV SÜD America validates a manufacturer's certification of conformance to the ASTM F1487-17 (excluding sections 7.1.1, 10, 13.1.1, 13.1.2, 13.2, and 13.3) Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.

The manufacturer listed below has received written validation from TÜV SÜD America that the product(s) listed conform with the requirements of ASTM F1487-17 (excluding sections 7.1.1, 10, 13.1.1, 13.1.2, 13.2, and 13.3).

This certificate is invalid if any component or part is replaced, unless purchased from the original manufacturer and assembled in accordance with the original equipment manufacturer's instructions. Check with the manufacturer to determine the validity of the certification of the product(s) listed prior to using this certificate for proof of certification.

MODEL #	COMMERCIAL NAME OF PRODUCT	PRODUCT LINE	MANUFACTURER
570-0798	Waver Panel	Nucleus	BCI Burke Co., LLC
570-0826	Wasp for Tri-Rider	Burke Basics	BCI Burke Co., LLC
560-2579	Volta Inclusive Spinner	Burke Basics	BCI Burke Co., LLC
470-0540	Viper S, 48″- 56″	Nucleus	BCI Burke Co., LLC
470-0739	Viper S 64″- 72″, w/o hood	Nucleus	BCI Burke Co., LLC
470-0542	Viper R, 48"- 56"	Nucleus	BCI Burke Co., LLC
570-0563	Up/Down Tunnel, 1 <mark>6"-</mark> G/L	Nucleus	BCI Burke Co., LLC
270-0129	Triangle Platform	Nucleus	BCI Burke Co., LLC
570-0771	Tri-Rider	Burke Basics	BCI Burke Co., LLC
390-0150	Transfer Station w/barriers, 32"	Synergy	BCI Burke Co., LLC
590-0400	Synergy Counter	Synergy	BCI Burke Co., LLC
560-0457	Swift Twist	Burke Basics	BCI Burke Co., LLC
670-0163	Swaged Roof Post, 5" x 220"	Nucleus	BCI Burke Co., LLC
670-0 <mark>16</mark> 1	Swaged Roof Post, 5" x 171"	Nucleus	BCI Burke Co., LLC
560-0 <mark>45</mark> 3	Step Spot Pod 16"	Burke Basics	BCI Burke Co., LLC
290-0102	Square Platform	Synergy	BCI Burke Co., LLC
270-0130	Square Platform	Nucleus	BCI Burke Co., LLC
590-0092	Sprocket Panel	Synergy	BCI Burke Co., LLC
570-1679	Sprocket Panel	Nucleus	BCI Burke Co., LLC
570-0827	Snail for Tri-Rider	Burke Basics	BCI Burke Co., LLC
490-0134	Slide Sit Down Panel, Imagination	Synergy	BCI Burke Co., LLC
470-0804	Slide Hood, Low Side Wall	Nucleus	BCI Burke Co., LLC
470-0805	Slide Hood, High S <mark>ide</mark> Wall	Nucleus	BCI Burke Co., LLC
560-0526	Single Pod Walk, 8"- 16"	Burke Basics	BCI Burke Co., LLC
560-2601	Roller Table	Burke Basics	BCI Burke Co., LLC
470-0756	Roller Slide, 48"- 56"	Nucleus	BCI Burke Co., LLC
560-0544	Rockit Tunnel	Burke Basics	BCI Burke Co., LLC
470-0507	Rock 'n Roll Slide, 40"- 48"	Nucleus	BCI Burke Co., LLC
670-0001	Post Assembly, 5" x 91"	Nucleus	BCI Burke Co., LLC
670-0 <mark>15</mark> 0	Post Assembly, 5" x 80"	Nucleus	BCI Burke Co., LLC
670-0 <mark>14</mark> 9	Post Assembly, 5" x 197"	Nucleus	BCI Burke Co., LLC







IPEMA ASTM F1487-17 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

MODEL #	COMMERCIAL NAME OF PRODUCT
670-0 <mark>15</mark> 8	Post Assembly, 5" x 184"
670-0 <mark>16</mark> 9	Post Assembly, 5" x 171"
670-0166	Post Assembly, 5″ x 139″ 📏
670-0165	Post Assembly, 5" x 123"
670-0002	Post Assembly, 5" x 107"
560-2575	Playhouse w/bench & counter
590-0407	Pipe Wall w/steering wheel, 2-5
490-0145	Petal Post Topper
570-2676	Orb Rocker
270-0131	Nucleus Hexagonal Platform
670-0146	NP Upper Post 5" x 85"
270-0203	NP Platform Center
470-0381	NP Hexagon Platform/Tree Trunk
580-1319	NOVO Teardrop Counter Climber
580-1314	NOVO Bench w/back
580-1318	NOVO Arc Stool
580-1 <mark>31</mark> 2	NOVO Arc Bench
560-0553	Nature Play Stump, Small
560-0555	Nature Play Rock, Small
570-0578	Name the States Panel, Above Platform
470-0802	Monaco Slide, 32"- 40"
490-0186	Monaco Slide, 32"- 40"
570-2680	Meta Rocker
570-0861	Memory Ring Panel
570-1859	Memory Panel
370-1645	Manitou Climber, 48"
470-0755	Luge Slide 48"- 56"
270-0184	Long Straight Bridge W/Barriers
580-1356	Lil Novo Bean Table
580-1364	Lil Novo Bean Step
580-1355	Lil Novo Bean Bench
570-0828	Ladybug for Tri-Rider
550-0194	Konnection Swing, Pair
560-2573	Kidforce Spinner
370-0805	Jungle Vine Climber, 48"
560-0042	Inclusive Orbit
290-0105	Imagination Offset Enclosure
270-0290	Half Platform

PRODUCT LINE Nucleus Nucleus Nucleus Nucleus Nucleus **Burke Basics** Synergy Synergy **Burke Basics** Nucleus Nucleus Nature Play Nucleus Nature Play Nucleus Nature Play **Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics** Nucleus Nucleus Synergy **Burke Basics** Intensity Nucleus **Nucleus** Nucleus Nucleus **Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics** Nucleus Nature Play **Burke Basics** Synergy Nucleus

MANUFACTURER

BCI Burke Co., LLC BCI Burke Co., LLC







IPEMA ASTM F1487-17 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

MODEL #	COMMERCIAL NAME OF PRODUCT
270-0132	Half Hex Platform
550-0175	Freedom Swing Seat Pair, 8' beam w/standard chain
560-2606	F/S EZ Tension 15' x 15' Shadeplay Canopy, 10'
470-0775	EZ Tension Hex Shadeplay Canopy
370-0567	Expedition Climber, 48"
390-0128	Crux Climber, 16"
560-0563	Cruiser w/adapter
590-0106	Collision Ring Panel
370-0150	Coil Climber 32"-48"
570-1862	Cog Wheel Panel
470-0 <mark>10</mark> 5	Cobra Slide Curved, 72"
270-0 <mark>19</mark> 2	Clubhouse Unitary Enclosure
270-0193	Clubhouse Offset Enclosure, Right
370-0777	Clubhouse Leaf Climber, 40"- 48"
470-0632	Clubhouse Hex Roof for Tree Trunk
570-2625	Clubhouse Half Board Panel
570-0782	Clubhouse Full Board Panel
370-0785	Clubhouse Fan Climber, 40"- 48"
370-0038	Clubhouse Ascend Rock Climber, 32"- 40"
290-0111	Climber Enclosure, 2-5
570-0687	Charade Ring Panel
370-0229	Cargo Net, 32"- 40"
570-0729	Butterfly Post Topper
590-0137	Bubble Window Panel
570-0811	Braille Panel
570-2664	Bee Panel
370-0 <mark>14</mark> 6	Atom Climber 32"-48"
390-0228	Ascend Rock Climber, 32"- 40" Imagination
270-0219	Arched Catwalk Bridge, 96"
550-0135	Arch Swing, 5″
550-0136	Arch Swing Add-on, 5"
370-0841	Apex Net Climber, 2-5
370-0842	Apex Hole Climber, 2-5
390-0212	Apex Arch Climber, 2-5
590-0156	Acorn Panel, 2 sided 2-5
270-0220	8" Rise Ramp w/barriers
270-0222	8" Rise Entrance Ramp w/barriers
270-0050	8" Closure Plate

PRODUCT LINE
Nucleus
Burke Basics
Burke Basics
Nucleus
Nucleus
Synergy
Burke Basics
Synergy
Nucleus
Nucleus
Nucleus
Nucleus Nature Play
Synergy
Intensity
Nucleus
Nucleus
Synergy
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Nucleus
Nucleus
Synergy
Nucleus
Burke Basics
Burke Basics
Intensity
Intensity
Synergy
Synergy

Nucleus

Nucleus

Nucleus

MANUFACTURER

BCI Burke Co., LLC BCI Burke Co., LLC







IPEMA ASTM F1487-17 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal

Project: Burke SAMPLE IPEMA Ce	rtificate Proposal #135-126825-1		PERAA
MODEL #	COMMERCIAL NAME OF PRODUCT	PRODUCT LINE	MANUFACTURER
290-0101	8" Closure Plate	Synergy	BCI Burke Co., LLC
550-0112	8' Belt Seat, Pair w/Standard Cahin	Burke Basics	BCI Burke Co., LLC
550-0100	7' & 8" Tot Seat, Pair w/Standard Chain	Burke Basics	BCI Burke Co., LLC
570-1858	3-in-a-row Panel	Nucleus	BCI Burke Co., LLC
570-0860	3 in-a-row Ring Panel	Intensity	BCI Burke Co., LLC
072-0301-XXR (85"- 217" Every 4")	3 1/2" OD Roof Post	Synergy	BCI Burke Co., LLC
072-0300-XXC (35"- 219" every 4")	3 1/2" OD Capped Post	Synergy	BCI Burke Co., LLC
370-0467	24" Transition Stair W/Barriers	Nucleus	BCI Burke Co., LLC
270-0109	24" Platform Ladder	Nucleus	BCI Burke Co., LLC
570-2679	2 Seat Rocker, 2-5	Burke Basics	BCI Burke Co., LLC
290-0120	16" Platfrom Barrier	Synergy	BCI Burke Co., LLC
270-0185	16" Platform Ladder	Nucleus	BCI Burke Co., LLC
IPEM		MĄ	
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IPEM		MĄ	







IPEMA CAN/CSA Z-614-14 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

In the interest of public playground safety, IPEMA provides a third-party certification service whereby TÜV SÜD America validates a manufacturer's certification of conformance to CAN/CSA-Z614-14 (excluding clauses 10 and 11) Children's Playspaces and Equipment.

The manufacturer listed below has received written validation from TÜV SÜD America that the product(s) listed conform with the requirements of CAN/CSA-Z614-14 (excluding clauses 10 and 11).

This certificate is invalid if any component or part is replaced, unless purchased from the original manufacturer and assembled in accordance with the original equipment manufacturer's instructions. Check with the manufacturer to determine the validity of the certification of the product(s) listed prior to using this certificate for proof of certification.

MODEL #	COMMERCIAL NAME OF PRODUCT	PRODUCT LINE	MANUFACTURER
570-0798	Waver Panel	Nucleus	BCI Burke Co., LLC
570-0826	Wasp for Tri-Rider	Burke Basics	BCI Burke Co., LLC
570-0563	Up/Down Tunnel, 16"- G/L	Nucleus	BCI Burke Co., LLC
270-0129	Triangle Platform	Nucleus	BCI Burke Co., LLC
570-0771	Tri-Rider	Burke Basics	BCI Burke Co., LLC
390-0150	Transfer Station w/barriers, 32"	Synergy	BCI Burke Co., LLC
590-0400	Synergy Counter	Synergy	BCI Burke Co., LLC
560-0 <mark>45</mark> 7	Swift Twist	Burke Basics	BCI Burke Co., LLC
670-0 <mark>16</mark> 3	Swaged Roof Post, 5" x 220"	Nucleus	BCI Burke Co., LLC
670-0 <mark>16</mark> 1	Swaged Roof Post, 5" x 171"	Nucleus	BCI Burke Co., LLC
560-0453	Step Spot Pod 16"	Burke Basics	BCI Burke Co., LLC
290-0102	Square Platform	Synergy	BCI Burke Co., LLC
270-0130	Square Platform	Nucleus	BCI Burke Co., LLC
590-0092	Sprocket Panel	Synergy	BCI Burke Co., LLC
570-1679	Sprocket Panel	Nucleus	BCI Burke Co., LLC
570-0827	Snail for Tri-Rider	Burke Basics	BCI Burke Co., LLC
470-0804	Slide Hood, Low Si <mark>de Wall</mark>	Nucleus	BCI Burke Co., LLC
470-0805	Slide Hood, High Side Wall	Nucleus	BCI Burke Co., LLC
560-0526	Single Pod Walk, 8"- 16"	Burke Basics	BCI Burke Co., LLC
560-2601	Roller Table	Burke Basics	BCI Burke Co., LLC
470-0756	Roller Slide, 48"- 56"	Nucleus	BCI Burke Co., LLC
560-0544	Rockit Tunnel	Burke Basics	BCI Burke Co., LLC
470-0507	Rock 'n Roll Slide, 40"- 48"	Nucleus	BCI Burke Co., LLC
670-0 <mark>00</mark> 1	Post Assembly, 5" x 91"	Nucleus	BCI Burke Co., LLC
670-0 <mark>15</mark> 0	Post Assembly, 5" x 80"	Nucleus	BCI Burke Co., LLC
670-0149	Post Assembly, 5" x 197"	Nucleus	BCI Burke Co., LLC
670-0158	Post Assembly, 5" x 184"	Nucleus	BCI Burke Co., LLC
670-0169	Post Assembly, 5" x 171"	Nucleus	BCI Burke Co., LLC
670-0166	Post Assembly, 5" x 139"	Nucleus	BCI Burke Co., LLC
670-0165	Post Assembly, 5" x 123"	Nucleus	BCI Burke Co., LLC
670-0002	Post Assembly, 5" x 107"	Nucleus	BCI Burke Co., LLC







IPEMA CAN/CSA Z-614-14 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal

Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

MODEL #	COMMERCIAL NAME OF PRODUCT
560-2575	Playhouse w/bench & counter
590-0407	Pipe Wall w/steering wheel, 2-5
490-0145	Petal Post Topper
570-2676	Orb Rocker
270-0131	Nucleus Hexagonal Platform
670-0146	NP Upper Post 5" x 85"
270-0203	NP Platform Center
470-0381	NP Hexagon Platform/Tree Trunk
580-1319	NOVO Teardrop Counter Climber
580-1314	NOVO Bench w/back
580-1 <mark>31</mark> 8	NOVO Arc Stool
580-1 <mark>31</mark> 2	NOVO Arc Bench
560-0553	Nature Play Stump, Small
560-0555	Nature Play Rock, Small
570-0578	Name the States Panel, Above Platform
470-0802	Monaco Slide, 32"- 40"
490-0186	Monaco Slide, 32"- 40"
570-2680	Meta Rocker
570-0861	Memory Ring Panel
570-1859	Memory Panel
370-1645	Manitou Climber, 48"
470-0755	Luge Slide 48"- 56"
270-0184	Long Straight Bridge W/Barriers
580-1356	Lil Novo Bean Table
580-1364	Lil Novo Bean Step
580-1 <mark>35</mark> 5	Lil Novo Bean Bench
570-0 <mark>82</mark> 8	Ladybug for Tri-Rider
550-0194	Konnection Swing, Pair
560-2573	Kidforce Spinner
370-0805	Jungle Vine Climber, 48"
560-0042	Inclusive Orbit
290-0105	Imagination Offset Enclosure
270-0290	Half Platform
270-0132	Half Hex Platform
550-0175	Freedom Swing Seat Pair, 8' beam w/standard chain
560-2606	F/S EZ Tension 15' x 15' Shadeplay Canopy, 10'
470-0775	EZ Tension Hex Shadeplay Canopy
370-0567	Expedition Climber, 48"

PRODUCT LINE Burke Basics Synergy Synergy **Burke Basics** Nucleus Nucleus Nature Play **Nucleus Nature Play Nucleus Nature Play Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics** Nucleus Nucleus Synergy **Burke Basics** Intensity Nucleus Nucleus Nucleus Nucleus **Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics Burke Basics** Nucleus Nature Play **Burke Basics** Synergy Nucleus Nucleus **Burke Basics Burke Basics** Nucleus Nucleus

MANUFACTURER

BCI Burke Co., LLC BCI Burke Co., LLC





IPEMA CAN/CSA Z-614-14 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

MODEL #	COMMERCIAL NAME OF PRODUCT
390-0128	Crux Climber, 16"
560-0563	Cruiser w/adapter
590-0106	Collision Ring Panel
370-0150	Coil Climber 32"-48"
570-1 <mark>86</mark> 2	Cog Wheel Panel
470-0 <mark>10</mark> 5	Cobra Slide Curved, 72"
270-0192	Clubhouse Unitary Enclosure
270-0193	Clubhouse Offset Enclosure, Right
370-0777	Clubhouse Leaf Climber, 40"- 48"
470-0632	Clubhouse Hex Roof for Tree Trunk
570-2625	Clubhouse Half Board Panel
570-0782	Clubhouse Full Board Panel
370-0785	Clubhouse Fan Climber, 40"- 48"
370-0038	Clubhouse Ascend Rock Climber, 32"- 40"
290-0111	Climber Enclosure, 2-5
570-0687	Charade Ring Panel
370-0229	Cargo Net, 32"- 40"
370-0725	Can Transfer Station w/barrier, 48"
370-0723	Can Transfer Station w/barrier, 32"
570-0729	Butterfly Post Topper
590-0 <mark>13</mark> 7	Bubble Window Panel
570-0 <mark>81</mark> 1	Braille Panel
570-2664	Bee Panel
370-0146	Atom Climber 32"-48"
390-0228	Ascend Rock Climber, 32"- 40" Imagination
270-0219	Arched Catwalk Bridge, 96"
550-0135	Arch Swing, 5"
550-0136	Arch Swing Add-on, 5"
370-0841	Apex Net Climber, 2-5
370-0842	Apex Hole Climber, 2-5
390-0212	Apex Arch Climber, 2-5
590-0156	Acorn Panel, 2 sided 2-5
270-0220	8" Rise Ramp w/barriers
270-0222	8" Rise Entrance Ramp w/barriers
270-0050	8" Closure Plate
290-0101	8" Closure Plate
550-0 <mark>11</mark> 2	8' Belt Seat, Pair w/Standard Cahin
550-0 <mark>10</mark> 0	7' & 8" Tot Seat, Pair w/Standard Chain

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PRODUCT LINE	MA
Synergy	BC
Burke Basics	BC
Synergy	BC
Nucleus	BC
Nucleus	BC
Nucleus	BC
Nucleus Nature Play	BC
Synergy	BC
Intensity	BC
Nucleus	BC
Synergy	BC
Nucleus	BC
Nucleus	BC
Nucleus	BC
Synergy	BC
Nucleus	BC
Burke Basics	BC
Burke Basics	BC
Intensity	BC
Intensity	BC
Synergy	BC
Synergy	BC
Nucleus	BC
Nucleus	BC
Nucleus	BC
Synergy	BC
Burke Basics	BC
Burke Basics	BC

MANUFACTURER

CI Burke Co., LLC CI Burke Co., LLC



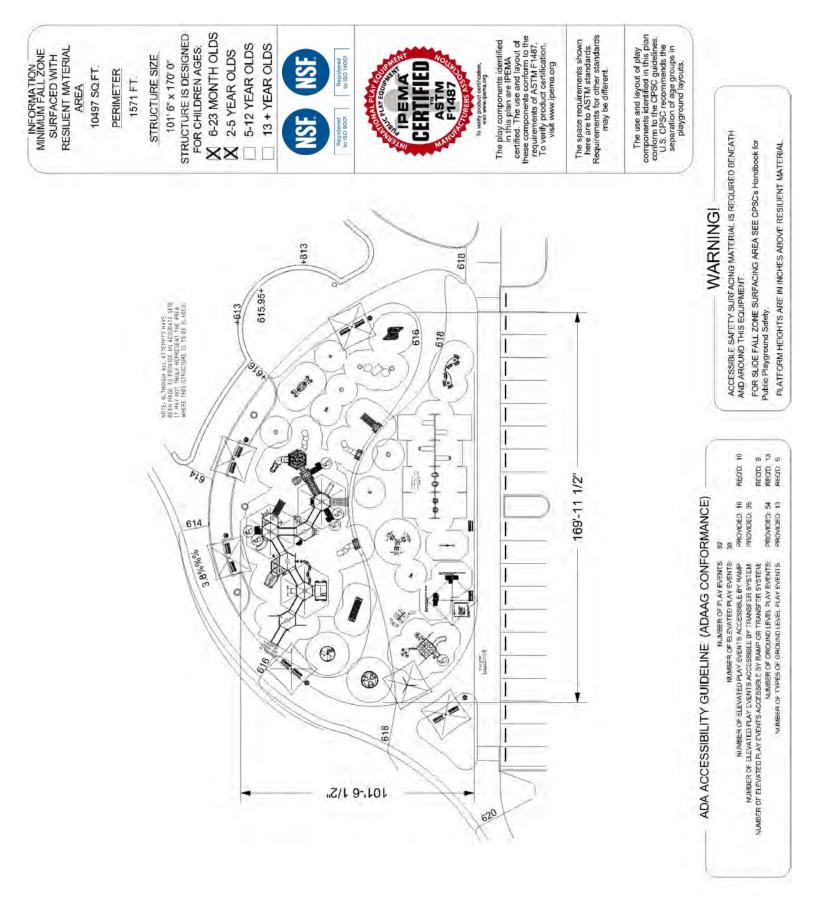


IPEMA CAN/CSA Z-614-14 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke SAMPLE IPEMA Certificate Proposal #135-126825-1

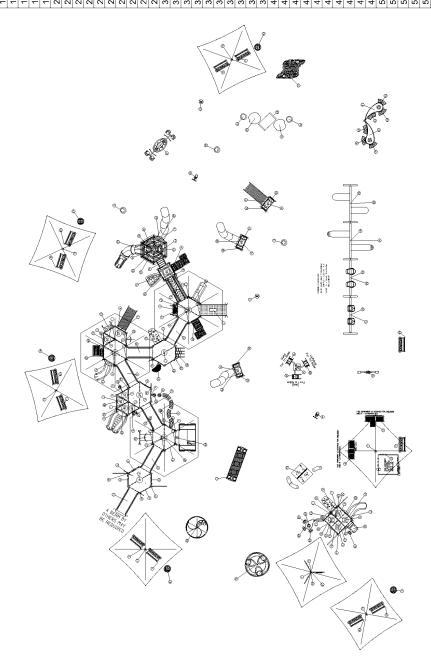
MODEL #	COMMERCIAL NAME OF PRODUCT	PRODUCT LINE	MANUFACTURER
570-1858	3-in-a-row Panel	Nucleus	BCI Burke Co., LLC
570-0860	3 in-a-row Ring Panel	Intensity	BCI Burke Co., LLC
072-0301-XXR (85"- 217" Every 4")	3 1/2" OD Roof Post	Synergy	BCI Burke Co., LLC
072-0300-XXC (35"- 219" every 4")	3 1/2" OD Capped Post	Synergy	BCI Burke Co., LLC
370-0467	24" Transition Stair W/Barriers	Nucleus	BCI Burke Co., LLC
270-0109	24" Platform Ladder	Nucleus	BCI Burke Co., LLC
570-2679	2 Seat Rocker, 2-5	Burke Basics	BCI Burke Co., LLC
290-0120	16" Platfrom Barrier	Synergy	BCI Burke Co., LLC
270-0185	16" Platform Ladder	Nucleus	BCI Burke Co., LLC



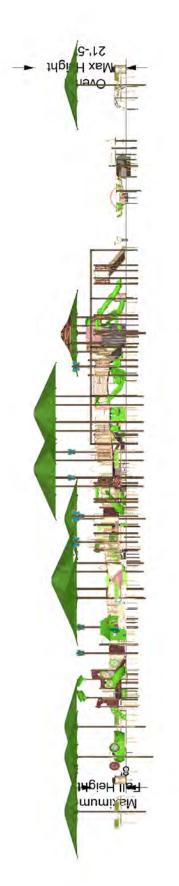


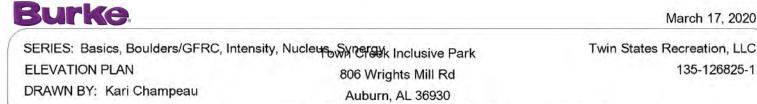


DESCRIPTION		GININ LAUULIN	PLATFORM	AGO	HEXAGON PLATFOR	IGHT BRI	PLA FORM LAUDER 16"			CATWALK BRI	SF RAMP W/ BARF	RISE ENTRANCE RA		LOSI	QUARE PLATE	E	ER ENCLOSURE 2-5	ORM BARRIER	HOUSE ASCEI	ER 3	LIMBER 3	RGO NET 32"-40"	4" TRANSITION STAIR	TENTION CLIMBER 48"	TRANSFER STAT			CLUBRUUSE FAN CLIMBER 40 -	ET CLIMBER 2-5	15	I IMBER 48	MBER 16"	NSFER STA	APEX ARCH CLIMBER 2-5	ASCEND ROCK CLIMBER 32"-40"	A SLIDE CURVED /2"	NP HEXAGON PLATEORIM/TREE POCK'N POLT STIDE 40" 48"	AR-56 48-56	R 48-	SNOF	PER S 64-72 W/O HOOD	IDE, 46	OLLER SLIDE 48"-5	TENSION HEX SH	CO SLIDE, 32"-40"		MAGINATION DISCOVED SUDE	NST TOPPER		5 B	L SEAT & PAIR STD CH	OD ARCH SWING	SCH SWING ADD-OI	DM SWING SEAT	NONNEO FION SWING, FAIR	EP SPOT P	TWIST SPINNER	POD WA	TUNNEL	TURE PLAY STUMP		CRUISER WITH ADAPTER	
COMP.				270-0131	9	5	C/1-U185	5 6	5 6	i è	270-0220	270-0222	1.1	12	9	290-0105	5	5	8	5	2			CO-0/	/0-0/	şβ		370.0805					390-0150	390-0212	ģ		470.0507	칠			470-0739	470-0755	- 11		ģ		400-0124	5 5		s s		ò			560-0042	560-0453		560-0526		88		560-0563	
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BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220







135-126825-1 March 17, 2020 2020 Pricing

Proposal Prepared for:

Alison Hall & Kevin Kelly City of Auburn 425 Perry Street Auburn, AL 36930 Phone: 334.501.2940 **Project Location:** Town Creek Inclusive Park 806 Wrights Mill Rd Auburn, AL 36930 Proposal Prepared by:

Twin States Recreation, LLC PO Box 732 Magnolia Springs, AL 36555 Phone: 205-453-4321 Fax: info@twinstatesrec.com

Max Maxwell Phone: 205-453-4321 Fax: max@twinstatesrec.com

Component No.	Description	Qty	Weight	Ext. Weight	Price	Ext. Price
Burke Basics					AO 10	#0 40
550-0100	TOT SEAT, 7' & 8' PAIR, STD	1	23	23	\$342	\$342
550-0112	BELT SEAT, 8' PAIR, STD CHAIN	1	20	20	\$187	\$187
550-0135	5" OD ARCH SWING	1	366	366	\$2,435	\$2,435
550-0136	5" OD ARCH SWING ADD-ON	3	223	669	\$1,636	\$4,908
550-0175	FREEDOM SWING SEAT, PAIR, 8'	1	76	76	\$1,843	\$1,843
550-0194	KONNECTION SWING, PAIR	1	128	128	\$2,577	\$2,577
560-0042	INCLUSIVE ORBIT	1	666	666	\$11,303	\$11,303
560-0453	STEP SPOT POD 8-16"	2	19	38	\$288	\$576
560-0457	SWIFT TWIST SPINNER	2	52	104	\$1,168	\$2,336
560-0526	SINGLE POD WALK 8"-16"	2	27	54	\$266	\$532
560-0553	NATURE PLAY STUMP - SMALL	2	66	132	\$731	\$1,462
560-0555	NATURE PLAY ROCK - SMALL	2	116	232	\$731	\$1,462
560-0563	CRUISER WITH ADAPTER	1	1,222	1,222	\$13,788	\$13,788
560-2573	KIDFORCE SPINNER	3	43	129	\$730	\$2,190
560-2575	PLAY HOUSE WITH BENCH AND COU.	1	453	453	\$5,312	\$5,312
560-2579	VOLTA INCLUSIVE SPINNER	1	475	475	\$6,021	\$6,021
560-2601	ROLLER TABLE	1	813	813	\$11,816	\$11,816
560-2606	FS EZ TENSION 15' X 15' SHADE	7	409	2,863	\$5,393	\$37,751
570-0771	TRI-RIDER	1	179	179	\$3,911	\$3,911
570-0826	WASP FOR TRI-RIDER	1	42	42	\$0	\$0
570-0827	SNAIL FOR TRI-RIDER	1	45	45	\$0	\$0
570-0828	LADYBUG FOR TRI-RIDER	1	47	47	\$0	\$0
570-2676	ORB ROCKER	1	483	483	\$6,950	\$6,950
570-2679	2 SEAT ROCKER 2-5	1	132	132	\$1,650	\$1,650
570-2680	META ROCKER	2	58	116	\$1,017	\$2,034
580-0279	CLIMB 'N' CRAWL	1	214	214	\$3,171	\$3,171
580-0286	STEP 'N' SCOOT PLUS	1	165	165	\$2,564	\$2,564
580-0288	KIDDY KORRAL PLUS	1	262	262	\$4,319	\$4,319
580-1312	NOVO ARC BENCH	7	43	301	\$483	\$3,381
580-1314	NOVO BENCH WITH BACK	12	130	1,560	\$1,826	\$21,912
580-1318	NOVO ARC STOOL	3	52	156	\$730	\$2,190
580-1319	NOVO TEARDROP COUNTER CLIMBE		124	248	\$1,245	\$2,490
580-1345	NOVO LITTER CONTAINER, POLY C	5	90	450	\$850	\$4,250

Discount: 25% Discount Price: \$124,247 List Price: \$165,663 135-126825-1



March 17, 2020 2020 Pricing

560-0559	NATURE PLAY LOG TUNNEL	1	1,081	1,081	\$6,710	\$6,710
			scount: 20% Dis t Price: \$6,710	count Pri	ice: \$5,368	
			τη που. φυ,7 το			
Intensity						
370-0841	APEX NET CLIMBER 2-5	1	44	44	\$1,444	\$1,444
370-0842	APEX HOLE CLIMBER 2-5	1	55	55	\$842	\$842
570-0687	CHARADE RING PANEL	1	60	60	\$1,885	\$1,885
570-0860	3-IN-A-ROW RING PANEL	1	54	54	\$1,497	\$1,497
570-0861	MEMORY RING PANEL	1	77	77	\$4,524	\$4,524
		Di	scount: 30% Dis	count Pri	ice: \$7,134	
		Lis	t Price: \$10,192			
Nucleus						
270-0050	8" CLOSURE PLATE	5	10	50	\$122	\$610
270-0109	PLATFORM LADDER 24"	1	65	65	\$819	\$819
270-0129	TRIANGLE PLATFORM	5	48	240	\$591	\$2,955
270-0130	SQUARE PLATFORM	1	106	106	\$1,058	\$1,058
270-0131	HEXAGONAL PLATFORM S5P	6	287	1,722	\$2,645	\$15,870
270-0132	HALF HEXAGON PLATFORM	1	144	144	\$1,668	\$1,668
270-0184	LONG STRAIGHT BRIDGE W/BARRIE	1	365	365	\$3,451	\$3,451
270-0185	PLATFORM LADDER 16"	1	10	10	\$403	\$403
270-0192	CLUBHOUSE UNITARY ENCLOSURE	4	34	136	\$472	\$1,888
270-0193	CLUBHOUSE OFFSET ENCLOSURE, R	2	36	72	\$598	\$1,196
270-0203	NATURE PLAY PLATFORM CENTER	1	33	33	\$430	\$430
270-0219	ARCHED CATWALK BRIDGE 96"	1	368	368	\$3,510	\$3,510
270-0220	8" RISE RAMP W/ BARRIERS	5	459	2,295	\$3,494	\$17,470
270-0222	8" RISE ENTRANCE RAMP W/ BARR	1	482	482	\$3,494	\$3,494
270-0290	HALF PLATFORM	3	57	171	\$672	\$2,016
370-0038	CLUBHOUSE ASCEND ROCK CLIMBER.	1	117	117	\$1,544	\$1,544
370-0146	ATOM CLIMBER 32"-48"	1	72	72	\$1,010	\$1,010
370-0150	COIL CLIMBER 32"-48"	1	94	94	\$1,342	\$1,342
370-0229	CARGO NET 32"-40"	1	60	60	\$1,183	\$1,183
370-0467	24" TRANSITION STAIR W/BARRIE	1	164	164	\$2,092	\$2,092
370-0567	EXPEDITION CLIMBER 48"	1	89	89	\$1,485	\$1,485
370-0723	CAN TRANSFER STATION, BARRIER	1	191	191	\$1,753	\$1,753
370-0725	CAN TRANSFER STATION, BARRIER	2	298	596	\$2,762	\$5,524
370-0777	CLUBHOUSE LEAF CLIMBER 40"	1	73	73	\$1,626	\$1,626
370-0785	CLUBHOUSE FAN CLIMBER 40" - 4	1	89	89	\$1,876	\$1,876
370-0805	JUNGLE VINE CLIMBER 48"	1	85	85	\$1,313	\$1,313
370-1645	MANITOU CLIMBER 48"	1	87	87	\$1,300	\$1,300
470-0105	COBRA SLIDE CURVED 72"	1	203	203	\$3,396	\$3,396
470-0381	NP HEXAGON PLATFORM/TREE TRUNK	[1	704	704	\$6,876	\$6,876
470-0507	ROCK'N ROLL SLIDE, 40" - 48"	1	107	107	\$1,444	\$1,444
470-0540	VIPER S 48-56	1	158	158	\$2,525	\$2,525
470-0542	VIPER R 48-56	1	154	154	\$2,525	\$2,525
470-0632	CLUBHOUSE HEX ROOF FOR TREE T	1	368	368	\$6,260	\$6,260
470-0739	VIPER S 64-72 W/O HOOD	1	152	152	\$2,415	\$2,415
470-0755	LUGE SLIDE, 48"-56"	1	198	198	\$2,328	\$2,328
470-0756	ROLLER SLIDE 48"-56"	2	721	1,442	\$8,629	\$17,258
470-0775	EZ TENSION HEX SHADEPLAY CANO	3	531	1,593	\$8,421	\$25,263
470-0802	MONACO SLIDE, 32"-40"	1	71	71	\$1,030	\$1,030
470-0804	SLIDE HOOD, LOW SIDE WALL	1	32	32	\$500	\$500

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470-0805	SLIDE HOOD, HIGH SIDE WALL	1	32	32	\$500	\$500
570-0563	UP-DOWN TUNNEL, 16" - GROUND	1	122	122	\$2,061	\$2,061
570-0578	NAME THE STATES PANEL	1	46	46	\$884	\$884
570-0729	BUTTERFLY POST TOPPER	9	16	144	\$647	\$5,823
570-0782	CLUBHOUSE FULL BOARD PANEL	2	35	70	\$749	\$1,498
570-0798	WAVER PANEL, ABOVE PLATFORM	1	61	61	\$1,762	\$1,762
570-0811	BRAILLE PANEL	1	55	55	\$1,156	\$1,156
570-1679	SPROCKET PANEL, ABOVE PLATFORM	1	64	64	\$1,820	\$1,820
570-1858	3-IN-A-ROW PANEL, ABOVE PLATF	1	45	45	\$1,174	\$1,174
570-1859	MEMORY REACTIONS PANEL, ABOVE	. 1	66	66	\$4,308	\$4,308
570-1862	COG WHEEL PANEL	1	63	63	\$1,943	\$1,943
570-2625	CLUBHOUSE HALF BOARD PANEL	6	19	114	\$365	\$2,190
570-2664	BEE PANEL	1	45	45	\$1,091	\$1,091
600-0104	NPPS SUPERVISION SAFETY KIT	1	3	3	\$0	\$0
660-0103	MAINTENANCE KIT, STRUCTURE	1	7	7	\$0	\$0
660-0104	INSTALLATION KIT, STRUCTURE	1	5	5	\$0	\$0
670-0001	POST ASSEMBLY 5" OD X 91"	3	49	147	\$276	\$828
670-0002	POST ASSEMBLY 5" OD X 107"	3	58	174	\$306	\$918
670-0146	NATURE PLAY UPPER POST 5" OD	6	17	102	\$250	\$1,500
670-0149	POST ASSEMBLY 5" OD X 197"	3	104	312	\$532	\$1,596
670-0150	POST ASSEMBLY 5" OD X 80"	5	44	220	\$255	\$1,275
670-0158	POST ASSEMBLY 5" OD X 184"	3	97	291	\$510	\$1,530
670-0161	POST, SWAGED ROOF 5" OD X 171"	6	90	540	\$446	\$2,676
670-0163	POST, SWAGED ROOF 5" OD X 220"	12	115	1,380	\$575	\$6,900
670-0165	POST ASSEMBLY 5" OD X 123"	22	66	1,452	\$353	\$7,766
670-0166	POST ASSEMBLY 5" OD X 139"	5	74	370	\$375	\$1,875
670-0169	POST ASSEMBLY 5" OD X 171"	3	91	273	\$492	\$1,476

Discount: 30% Discount Price: \$143,679 List Price: \$205,256

Rocklt	ROCKIT TUNNEL	1	247	247	\$3,612	¢2 612
560-0544	ROCKITTONNEL	I	247	247	\$3,01Z	\$3,612
			Discount: 30% .ist Price: \$3,61		ice: \$2,528	
Synergy						
072-0300-107C	3 1/2" OD X 107" CAPPED POST	1	40	40	\$254	\$254
072-0300-119C	3 1/2" OD X 119" CAPPED POST	1	44	44	\$278	\$278
072-0300-131C	3 1/2" OD X 131" CAPPED POST	1	48	48	\$302	\$302
072-0300-95C	3 1/2" OD X 95" CAPPED POST	1	35	35	\$230	\$230
072-0300-99C	3 1/2" OD X 99" CAPPED POST	2	37	74	\$238	\$476
072-0301-137R	3 1/2" OD X 137" ROOF POST	1	50	50	\$291	\$291
072-0301-145R	3 1/2" OD X 145" ROOF POST	3	53	159	\$306	\$918
290-0101	8" CLOSURE PLATE	2	5	10	\$93	\$186
290-0102	SQUARE PLATFORM	4	59	236	\$621	\$2,484
290-0105	IMAGINATION DISCOVER OFFSET E	1	38	38	\$776	\$776
290-0111	CLIMBER ENCLOSURE 2-5	1	17	17	\$300	\$300
290-0120	16" PLATFORM BARRIER	1	14	14	\$176	\$176
390-0128	CRUX CLIMBER 16"	1	21	21	\$258	\$258
390-0150	TRANSFER STATION, BARRIER 32"	1	156	156	\$1,730	\$1,730
390-0212	APEX ARCH CLIMBER 2-5	1	104	104	\$1,083	\$1,083
390-0228	ASCEND ROCK CLIMBER 32"-40" I	1	136	136	\$1,751	\$1,751
490-0134	IMAGINATION DISCOVER SLIDE SI	1	11	11	\$196	\$196

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490-0145	PETAL POST TOPPER	4	19	76	\$328	\$1,312
490-0186	MONACO SLIDE, 32"-40"	1	76	76	\$1,185	\$1,185
580-1355	LIL NOVO BEAN BENCH	3	28	84	\$245	\$735
580-1356	LIL NOVO BEAN TABLE	1	60	60	\$800	\$800
580-1364	LIL NOVO BEAN STEP	1	28	28	\$245	\$245
590-0092	SPROCKET PANEL, ABOVE PLATFORM	1	59	59	\$1,500	\$1,500
590-0106	COLLISION RING PANEL	1	48	48	\$1,550	\$1,550
590-0137	BUBBLE WINDOW PANEL, ABOVE PL	1	30	30	\$800	\$800
590-0156	ACORN PANEL, 2-SIDED 2-5 ABOV	1	26	26	\$750	\$750
590-0400	SYNERGY COUNTER	1	52	52	\$800	\$800
590-0407	PIPE WALL W/STEERING WHEEL 2-5	1	36	36	\$800	\$800
			Discount: 30%	Discount F	Price: \$15,51	6
		L	ist Price: \$22,1	66		
	Total User Capacity: 539					
		Total Weight: 35,609 lbs.		lbs.		
		V	With Packaging	(+18%):	42,019	lbs.
		٦	Total Price:		\$413,599	

Information is relative to the Mar 17 2020 4:35AM database.

Total Discount Price:

\$298,473

This net price does not include your desired mark up or freight charges. These must be added to arrive at your selling price. Be aware that any additional discounts offered have to be re-authorized after a re-design of the initial structure.

NOTE: IT IS THE DEALER'S RESPONSIBILITY TO REVIEW ALL PROPOSALS FOR ACCURACY UPON RECEIPT.

Pricing is valid for 45 days from the date of this proposal. Burke reserves the right to make drawing and pricing adjustments based on latest safety requirements imposed by ADA, CPSC and ASTM.

If you have any questions, please call us. Thank you.



Selected Color List

Color Group	Color	
Phase 1 Accessory 1 Color Extruded/Flat 2 Color Extruded/Flat (outer) 2 Color Extruded/Flat (inner) Post Platform Sprocket Main Panel & Cruiser S Sprocket Overlay & Cruiser Side Rotomolded Rotomolded Roofs		Lime
Phase 3 Platform Accessory Rotomolded Post Kore Konnect Sprocket Main Panel & Cruiser S Sprocket Overlay & Cruiser Side 2 Color Extruded/Flat (outer) 2 Color Extruded/Flat (inner) 1 Color Extruded/Flat Canopy		Lime
Phase 5 Canopy Post Accessory 1 Color Extruded/Flat 2 Color Extruded/Flat (outer) 2 Color Extruded/Flat (inner) Rotomolded Cozy Corner Counter Cozy Corner Flower Cozy Corner Flower Cozy Corner Netal Frame Cozy Corner Netal Frame Cozy Corner 1 Color Wall Rocklt Contemporary Swing Fittings Platform	Lime Brown Tan Lime Brown Tan Lime Blue Tan Lime Lime Lime Brown Brown	

The colors listed may not reflect color options chosen for any high-quality, rendered 3Ds.



Konnection Swing[™] Safety Standards & Guidelines - Reference Information

The Konnection Swing was designed to provide an intergenerational play opportunity and offer everyone the childhood joy of swinging! While researching the use of swings, two trends stood out to us - caregivers pushing infants in bucket seat swings and adults swinging with children on their lap. Both situations could be improved with the design of a swing designed to foster connection and increase safety. The Konnection Swing was developed as a direct result of this. The overall design is focused on fostering true connection in both eye contact and proximity leading to increased engagement for all users. Hands-free swinging allows the caregiver to hold, interact and play with the child as they both experience the thrill of swinging together.

The Konnection Swing is IPEMA Certified and meets or exceeds the requirements of ASTM F1487-17, which is recognized as the standard of care in the playground industry. This ASTM public playground safety standard is revised every two to three years to remain current with innovation and market trends.

The CPSC Public Playground Safety Handbook hasn't been revised since 2008 and doesn't include new product categories that have been innovated in recent years. There are a couple of points to note when deciding to purchase a multi-user swing:

- Multi-user swings are innovative and CPSC Public Playground Safety Handbook doesn't have a standard that specifically covers them.
- CPSC 5.3.8.3.1 CPSC recommends that belt swing seats should be designed to accommodate no more than one user at any time. While the Konnection Swing is a single axis swing, it is clearly not a belt seat.
- CPSC 2.3.1 CPSC says that swings intended for more than one user are not recommended because their greater mass, as compared to single occupancy swings, presents a risk of impact injury.
 - The ASTM safety standard, F1487, was revised in 2011 to add maximum impact requirements for swings and the Konnection Swing has been tested and is compliant with ASTM impact requirements.
 - CPSC has written a letter stating that "the swing impact test in F1487-11 is a reasonable approach to address the concerns posed by unoccupied, heavy, multiple occupancy swings."
- CPSC has always included an exemption to both recommendations listed above for tire swings, which are multiple occupancy swings that are suspended from a single pivot and permit swinging in any direction.
- CPSC also emphasizes that their Handbook provides recommendations, not requirements. If a jurisdiction adopts the Handbook's recommendations as mandatory requirements, that jurisdiction would need to determine how the requirements should be applied in any particular instance.



IPEMA ASTM F1292-18 (SECTION 4.2) AND/OR ASTM F3351-19 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Flexground IPEMA Certificate

In the interest of public playground safety, IPEMA provides a third party certification service whereby TÜV SÜD America validates a manufacturer's certification of conformance to ASTM F1292-18 Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment Standard, Section 4.2, Performance Criterion and/or ASTM F3351-19 Standard Test Method for Playground Surface Impact Testing in Laboratory at Specified Test Height.

The manufacturers listed below have received written validation from TÜV SÜD America that the products listed conform with the requirements of ASTM F1292-18, Section 4.2 and/or ASTM F3351-19.

The validation is made by testing at the specified fall height rating requested by the manufacturer, based upon its experience and knowledge of its products, instead of the "critical fall height" used in ASTM F1292-18. TÜV SÜD America validates that the impact attenuating performance criterion specified by ASTM F1292-18 (Section 4.2) and/or ASTM F3351-19 has been met or exceeded.

MODEL # COMMERCIAL NAME OF PRODUCT **PRODUCT LINE THK/HT MANUFACTURER** XT4 **Xtreme Surfacing Xtreme Surfacing** 2" / 4' FlexGround, LLC XT6 **Xtreme Surfacing** Xtreme Surfacing 2.5" / 6' FlexGround, LLC XT7 3" / 7' **Xtreme Surfacing** Xtreme Surfacing FlexGround, LLC 4" / 10' **XT10** FlexGround, LLC Xtreme Surfacing Xtreme Surfacing FT7 Synthetic Grass and Rubber Poured In Place Playground FlexGrass Safety 3" / 7' FlexGround, LLC Safety Surfacing up to 7' Surfacing Synthetic Grass & Rubber Poured in Place Playground **FT11** FlexGrass Safety 4.5" / FlexGround, LLC Safety Surfacing up to 11' Surfacing 11' FG9 Rubber Poured In Place Playground Safety Surfacing up FlexGround Poured 4" / 9' FlexGround, LLC to 9' In Place FG6 FlexGround Poured 3" / 6' Rubber Poured In Place Playground Safety Surfacing up FlexGround, LLC to 6' In Place FG5 Rubber Poured In Place Playground Safety Surfacing up FlexGround Poured 2.5" / 5' FlexGround, LLC to 5' In Place FG4 Rubber Poured In Place Playground Safety Surfacing up FlexGround Poured 2" / 4' FlexGround, LLC to 4' In Place FG8 Rubber Poured in Place Playground Safety Surfacing FlexGround Poured 3.5" / 8' FlexGround, LLC In Place UFTPV8 Rubber Poured In Place Playground Safety Surfacing UltraFlex Poured In 3.5" / 8' FlexGround, LLC Place EFTPV4_Rubber Poured in Place Playground Safety Surfacing EnduraFlex Poured 2" / 4' FlexGround, LLC In Place EnduraFlex Poured 2.5" / 5' FlexGround, LLC EFTPV5 Rubber Poured in Place Playground Safety Surfacing In Place EFTPV6 Rubber Poured in Place Playground Safety Surfacing EnduraFlex Poured 3" / 6' FlexGround, LLC In Place EFTPV8 Rubber Poured in Place Playground Safety Surfacing EnduraFlex Poured 3.5" / 8' FlexGround, LLC In Place UltraFlex Poured In 2" / 4' UFTPV4 Rubber Poured in Place Playground Safety Surfacing FlexGround, LLC Place



UltraFlex Poured In Place 2.5" / 5' FlexGround, LLC

4.5" /



THK/HT MANUFACTURER

FlexGround, LLC

FlexGround, LLC

FlexGround, LLC

IPEMA ASTM F1292-18 (SECTION 4.2) AND/OR ASTM F3351-19 CERTIFICATE OF COMPLIANCE

PRODUCT LINE

FlexGround Poured In

UltraFlex Poured In Place 3" / 6'

UltraFlex Poured In Place 4" / 10'

PERAA

ISSUE DATE: July 8, 2020 **Requested By: Jessica Westphal Project: Flexground IPEMA Certificate**

MODEL # COMMERCIAL NAME OF PRODUCT

- UFTPV5 Rubber Poured in Place Playground Safety Surfacing
- UFTPV6 Rubber Poured in Place Playground Safety Surfacing
- UFTPV10 Rubber Poured in Place Playground Safety Surfacing

PEAA

- FG10 FlexGround Poured In Place
- FG12 Flexground
- FT8 FlexGrass
- FT4 FlexGrass
- FT5
- FlexGrass
- **EFTPV10** EnduraFlex

Flexground	Place FlexGround Poured In Place	10' 5" / 12'	FlexGround, LLC
FlexGrass	FlexGrass Safety Surfacing	3.5" / 8'	FlexGround, LLC
FlexGrass	FlexGrass Safety Surfacing	g 2" / 4'	FlexGround, LLC
FlexGrass	FlexGrass Safety Surfacing	g 2.5" / 5'	FlexGround, LLC
EnduraFlex	EnduraFlex Poured In Place	4.5" / 10'	FlexGround, LLC
PEMA	IPEM	A	



America



IPEMA ASTM F1292-18 (SECTION 4.2) AND/OR ASTM F3351-19 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Vitriturf IPEMA Certificate

In the interest of public playground safety, IPEMA provides a third party certification service whereby TÜV SÜD America validates a manufacturer's certification of conformance to ASTM F1292-18 Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment Standard, Section 4.2, Performance Criterion and/or ASTM F3351-19 Standard Test Method for Playground Surface Impact Testing in Laboratory at Specified Test Height.

The manufacturers listed below have received written validation from TÜV SÜD America that the products listed conform with the requirements of ASTM F1292-18, Section 4.2 and/or ASTM F3351-19.

The validation is made by testing at the specified fall height rating requested by the manufacturer, based upon its experience and knowledge of its products, instead of the "critical fall height" used in ASTM F1292-18. TÜV SÜD America validates that the impact attenuating performance criterion specified by ASTM F1292-18 (Section 4.2) and/or ASTM F3351-19 has been met or exceeded.

MODEL #		COMMERCIAL NAME OF PRODUCT
	Vitriturf NT 3;0	Vitriturf NT 3.0
	Vitriturf NT 2.5	Vitriturf NT 2.5
	Vitriturf NT 2.0	Vitriturf NT 2.0
	V-10-7ft	V-10
	Vitriturf 2	Poured In Place
	Vitriturf 3.5	Poured in Place
	Vitriturf 4	Poured in Place
	Vitriturf 4.5	Poured in Place
	Bondflex5.5	Bondflex 5.5"
	Bondflex3.5	Bondflex 3.5"

PRODUCT LINE	THK/HT	MANUFACTURER
Vitriturf	3" / 6'	Hanover Specialties, Inc.
Vitriturf	2.5" / 5'	Hanover Specialties, Inc.
Vitriturf	2" / 3'	Hanover Specialties, Inc.
Vitriturf	3.5" / 7'	Hanover Specialties, Inc.
Vitriturf	2" / 5'	Hanover Specialties, Inc.
Vitriturf	3.5" / 8'	Hanover Specialties, Inc.
Vitriturf	4" / 9'	Hanover Specialties, Inc.
Vitriturf	4.5" / 10'	Hanover Specialties, Inc.
5.5" / 11'		Hanover Specialties, Inc.
	3.5" / 8'	Hanover Specialties, Inc.

IPEMA



Certificate of Registration

This certifies that the Quality Management System of

BCI Burke Company, LLC

660 Van Dyne Road Fond du Lac, Wisconsin, 54936, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 9001:2015

Scope of Registration:

Design and Manufacture of Playground, Park and Recreation Equipment with the Design, Manufacture and Distribution of Specialized Parts.



Certificate Number:
Certificate Issue Date
Registration Date:
Expiration Date *:

C0130541-IS6 27-AUG-2018 18-MAY-2018 17-MAY-2021

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Carl Blazik, Director, Technical Operations & Business Units, NSF-ISR, Ltd.

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NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request. *Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.nsf-isr.org



ANNEX PAGE FOR CERTIFICATE REGISTRATION NUMBER C0130541-IS6 CERTIFICATE ISSUE DATE: 27-AUG-2018 CERTIFICATE EXPIRATION DATE: 17-MAY-2021

BCI Burke Company, LLC 660 Van Dyne Road Fond du Lac, Wisconsin, 54936, United States

Remote Location:	Scope:
BCI Burke Company, LLC- C0402824 665 N. Peters Ave.	Receiving and Warehousing.
Fond du Lac, Wisconsin, 54936, United States	

NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

This Annex is only Valid in connection with the above-mentioned certificate issued by NSF-ISR

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request. *Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.nsf-isr.org Page 2 of 2



Certificate of Registration

This certifies that the Environmental Management System of

BCI Burke Company, LLC

660 Van Dyne Road Fond du Lac, Wisconsin, 54936, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 14001:2015

Scope of Registration:

Design and Manufacture of Playground, Park and Recreation Equipment with the Design, Manufacture and Distribution of Specialized Parts.



Certificate Number:
Certificate Issue Date:
Registration Date:
Expiration Date *:

C0130541-EM4 01-NOV-2017 28-NOV-2017 27-NOV-2020

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Carl Blazik, Director, Technical Operations & Business Units, NSF-ISR, Ltd.

Page 1 of 2

NSF International Strategic Registrations

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Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request. *Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.nsf-isr.org



ANNEX PAGE FOR CERTIFICATE REGISTRATION NUMBER C0130541-EM4 CERTIFICATE ISSUE DATE: 01-NOV-2017 CERTIFICATE EXPIRATION DATE: 27-NOV-2020

BCI Burke Company, LLC 660 Van Dyne Road Fond du Lac, Wisconsin, 54936, United States

Remote Location:	Scope:
BCI Burke Company, LLC- C0130544 225 W. McWilliams Street	Warehouse
Fond du Lac, Wisconsin, 54936, United States	

NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

This Annex is only Valid in connection with the above-mentioned certificate issued by NSF-ISR

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request. *Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at www.nsf-isr.org Page 2 of 2



International Certification Management GmbH

Waterplay Solutions Corp.

805 Crowley Ave Kelowna, BC, V1Y 7G6 Canada

Standard:

ISO 9001:2015

Scope:

Sales and Marketing of recreational aquatic products and accessories

This certificate confirms that Waterplay Solutions Corp. applies a quality management system which meets the requirements of ISO 9001:2015

August 06, 2019

Date

Certification Body

ZERTIFIKAT CERTIFICATE CERTIFICAT CERTIFICATO CERTIFICADO

.S. C.14

Certificate No. 52432-01

Issue date August 17, 2019

Valid until August 16, 2022

Page 1 of 2



International Certification Management GmbH Ohmstrasse 2-4 94342 Strasskirchen Germany

Tel.: +49 9424 9481 400 Fax: +49 9424 9481 420

info@ic-management.com www.ic-management.com



International Certification Management GmbH

Waterplay Solutions Corp.

805 Crowley Ave Kelowna, BC, V1Y 7G6 Canada

Standard:

ISO 14001:2015

Scope:

Sales and Marketing of recreational aquatic products and accessories

This certificate confirms that Waterplay Solutions Corp. applies a environmental management system which meets the requirements of ISO 14001:2015

August 06, 2019

Date

Certification Body

ZERTIFIKAT CERTIFICATE CERTIFICAT CERTIFICATO CERTIFICADO

Certificate No. 52432-02

Issue date August 17, 2019

Valid until August 16, 2022

Page 1 of 2



International Certification Management GmbH Ohmstrasse 2-4 94342 Strasskirchen Germany

Tel.: +49 9424 9481 400 Fax: +49 9424 9481 420

info@ic-management.com www.ic-management.com

STATEMENT OF WORK

(Enter date . . .)

Project Description:			
Contractor:	BCI Burke Company, LLC		
Billing Address:			
Subcontractor:	Name of Company Contact Name, Phone Number Company Address		
Customer:	Name of Entity Contact Name, Title, Phone Number		
Project Location:	Address		

Statement of Work:

Subcontractor, as an independent contractor, agrees to furnish all of the labor and materials, equipment, tools, scaffolds, appliances, transportation, storage, insurance, taxes, supervision, and any and all items necessary for the complete installation of the equipment and/or recreational items and materials purchased by the Customer, as described in Schedule A, attached ("Work"). Time is of the essence and Subcontractor shall perform the work in a workmanlike manner according to standard industry practices. Subcontractor shall submit periodic reports to Contractor on the progress of the Work.

This Statement of Work is subject to the terms and conditions on the reverse side of this document. The parties acknowledge and agree to be bound by the terms and conditions.

Payment Terms:

Contractor agrees to pay Subcontractor as full payment the amount set forth on Schedule B, attached. Payment will be made to Subcontractor upon satisfactory completion and acceptance by Contractor and the Owner. If progress payments are required, Subcontractor shall provide a release of claims and liens if requested by Contractor.

BCI BURKE COMPANY, LLC

Authorized Representative

SUBCONTRACTOR

By: _

Authorized Representative

Date: _____

By: ___

Date: _____

Special Note: in addition to signing and dating this agreement, subcontractor must also initial & date each page of the attachment(s) and return them with the agreement..

TERMS AND CONDITIONS OF STATEMENT OF WORK

- 1. <u>Acceptance / Entire Agreement</u>. This Statement of Work can be accepted by Subcontractor only upon the exact terms and conditions herein. This Statement of Work may not be changed or modified in any manner without the written consent of the Contractor or Subcontractor. This document constitutes the entire agreement between the parties. These terms and conditions shall be interpreted as a unified contractual document with the Statement of Work, except that in the event of any inconsistency between the Statement of Work and these terms and conditions, the Statement of Work shall control. The formation, construction and enforcement of this Statement of Work shall be governed by the laws of the State of Wisconsin, excluding its conflict of laws principles. If any provision of this Statement of Work is determined to be invalid or unenforceable, such provision shall be reconstituted, to the extent possible, as a valid and enforceable provision which shall put the parties in the same position as if the same provisions of this Statement of Work shall remain in effect and enforceable. Either party's waiver of or failure to insist on the performance of any term or condition or to exercise any right shall not thereafter waive enforcement of any other provision.
- 2. <u>Warranty</u>. Subcontractor warrants and guarantees its work, materials, parts and labor in connection with its performance under this Statement of Work. Without limiting the foregoing or any other obligation regarding Subcontractor's work, Subcontractor shall, at its expense, make good any faulty, defective work it performed on the project within one (1) year of the date of acceptance of the completed project by Contractor or Owner of the subject real estate where the work is to be performed.
- 3. <u>Licenses / Permits</u>. Subcontractor shall, at its own expense, obtain all necessary licenses and permits pertaining to the Statement of Work and shall comply with all relevant statutes, ordinances, rules, regulations and orders relating to the Statement of Work. Compliance includes, without limitation, matters relating to safety, wages, discrimination and equal employment opportunity. Subcontractor shall promptly correct any such violations.
- 4. <u>Indemnity</u>. To the fullest extent authorized by law, Subcontractor will indemnify, defend and save harmless Contractor and the relevant property owner from and against any and all loss, damage, injury both to persons and property, liability and all claims or suits by or on behalf of any person, concern, entity or other party when such loss, damage, injury or liability is alleged to have arisen in any way from the Subcontractor's performance of the services required by this Statement of Work. Subcontractor's indemnification obligations under this paragraph shall include all costs and reasonable attorneys' fees incurred by Contractor or the relevant property owner.
- 5. <u>No Liens</u>. Subcontractor shall keep the project free from liens of workers, sub-subcontractors, materialmen or others claiming under or through Subcontractor for labor, services, material or equipment (including rental thereon) claimed to have been furnished for or used in Subcontractor's performance of the Statement of Work. If any such lien is made or filed, Subcontractor shall immediately remove the lien. Upon Subcontractor's failure to remove the lien within five (5) days of receipt of written demand from Contractor, Contractor is authorized to take any action it deems appropriate to remove the lien on Subcontractor's behalf and at Subcontractor's expense.
- 6. <u>No Assignment</u>. This Statement of Work cannot be assigned or delegated by Subcontractor without the written consent of the Contractor.
- 7. <u>Insurance</u>. Prior to the start of the Work, Subcontractor shall procure and maintain in force Workers' Compensation insurance, Employers' Liability insurance, Business Automobile Liability insurance and Commercial General Liability insurance ("CGL"). The CGL policy shall include coverage for liability arising from premises, operations, independent contractors, products-completed operations, personal injury and broad form property damage. The primary CGL coverage shall also name BCI Burke Company, LLC as an additional insured for liability arising out of the Work. If requested, the Subcontractor shall provide the Contractor with certificates of insurance coverage required. The required insurance shall be written with at least the following limits of liability: Workers' Compensation at statutory limits; employers' liability at Five Hundred Thousand Dollars (\$500,000) for each occurrence; Business Automobile Liability insurance at Five Hundred Thousand Dollars (\$500,000) for each occurrence; and CGL at One Million Dollars (\$1,000,000) for each occurrence.
- 8. <u>Dispute Resolution</u>. All disputes, claims, controversies and other matters in question between the parties or arising out of or relating to this Statement of Work shall be decided through binding arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association then in effect.

BCI BURKE COMPANY, LLC STATEMENT OF WORK

SCHEDULE A

CUSTOMER NAME AND PROJECT DESCRIPTION

BCI BURKE COMPANY, LLC STATEMENT OF WORK

SCHEDULE B

CONTRACTOR AMOUNT OF PAYMENT TO SUBCONTRACTOR

I:\Sub Contractor Agreements\SubContractor Agreement Master12-8-08.doc

		BCI Burke Subcontractors wit	h Territories		
Subcontractor Name	Principal/Owner	Street Address City, State, Zip	Territory	Phone #	E-mail
ABCreative Inc.	Karen Herren	34102 Commerce, Ste, C De Soto, KS 66018	Iowa, Kansas & Missourie	(913) 583-3332	karen@abcreative.net
AK Sales & Consulting, Inc.	Art & Karen Moyle	1202 E 19th Street Roswell, NM 88201	New Mexico	(575) 623-1488	akmoyle@yahoo.com
All Recreation of Virginia, Inc.	John Lombardi	20609 Gordon Park Square Suite 190 Ashburn, VA 20147	Virginia, Kentucky, Washington D.C. & Maryland	(888) 429-0001	jpl@allrec.com
American Recreational Products	Bob Brown & Kevin Brown	1535 Locust Ave Bohemia NY 11716	New York	(631) 244-0011	bob@americanrecreational.com kevin@americanrecreational.com
AtoZ Recreation	Brandon Smith	PO Box 626 Littleton, CO 80160	Colorado & Wyoming	(303) 670-3789	brandon@atozrecreation.com
Barrs Recreation	John & Carolynne Barrs	9521-A Lumley Rd Morrisville NC 27560	North & South Carolina	(919) 781-4870	johnb@barrsrec.com carolynneb@barrsrec.com
Ben Shaffer Recreation, Inc.	Scott & Patty Tumminello	PO Box 844 Lake Hopatcong NJ 07849-0844	New Jersey	(973) 663-2021	scott@benshaffer.com patty@benshaffer.com
Buell Recreation	Rachel Gora	7327 SW Barnes Rd #601 Portland OR 97225	Washington, Oregon, Idaho, and Northern Nevada	(503) 922-1650	rachel@buellrecreation.com
Child's Play, Inc.	Jay & Kathy Robertson	10661 Shady Trail Dallas TX 75220	Oklahoma & Northeast Texas (See bciburke.com for specific counties)	(972) 484-0600	jay@childsplayinc.net Kathy@childsplayinc.net
Childscapes	Tim Pesko	1775 Ocean St Marshfield MA 02050	Massachusetts, Connecticut & Rhode Island	(781) 837-6412	tpesko@childscapes.net
Creative Sites, LLC	Julie Kutilek	11506 Pierce St Omaha NE 68144	Nebraska	(402) 614-4606	julie@creative.omhcoxmail.com
Davis Playgrounds, Inc.	Wayne Davis	104 Orchid Dr Maumelle AR 72113	Arkansas	(501) 851-0756	wayne@davisplaygrounds.com
fun abounds	Leigh Walden	114 Venice St Sugar Land TX 77478	Southern Texas (See bciburke.com for specific counties)	(855) 226-8637	lwalden@fabplaygrounds.com
Grondahl Recreation	Larry Grondahl	1202 W. 18th Street Williston, ND 58801	Montana & North Dakota	(701) 572-7897	grondahl@dia.net
Innovative Playgrounds	Alvino Larios	12407 E Slauson Ave #D Whittier CA 90606	Southern California (See bciburke.com for specific counties)	(562) 693-5200	alarios@innovplay.com
J.J. Ryan	Rich Fustos	242 Amboy Ave PO Box 252 Woodbridge NJ 07095	Portion of New Jersey (See bciburke.com for specific counties)	(732) 634-1082	jjryaninc@aol.com
Lee Recreation	Vern & Lana Lee	260 W. Main Street Cambridge, WI 53523	Wisconsin & Upper Michigan (See bciburke.com for specific counties)	(800) 775-8937	vern@leerecreation.com lana@leerecreation.com
Planet Recess	Treynor McAdams	PO Box 78160 Baton Rouge, LA 70837	Mississippi & Lousiana	(225) 778-4700	treynor@planetrecess.com

Play Illinois	Mike Maloney	4716 Roslyn Road Downers Grove, IL 60515	Illinois	(844) 222-9990	mike@playil.com
Play It Safe Playgrounds and Park Equipment	Jordan Lynde	7931 E Pecos Road #160 Mesa, AZ 85212	Arizona & Southern Nevada (See bciburke for specific counties)	(480) 347-8486	jordan@playitsafeplaygrounds.com
PlaySouth, LLC	Andy Bryant	212 Clearview Estates Drive Newnan, GA 30265	Georgia	(678) 488-6572	andy@playsouth.net
Recreation Resource USA	Tim & Sylvia Umbreit & Kevin Umbreit	425 McFarlan Road Suite 100 Kennett Square, PA 19348	Delaware, West Virginia & Eastern Pennsylvania (See bciburke.com for specific counties)	(610) 444-4402	info@recreation-resource.com
Snider Recreation	Jeff Snider & James Snider	10139 Royalton Rd Ste K North Royalton OH 44133	Michigan, Indiana, Ohio and Western Pennsylvania (See bciburke.com for specific counties)	(440) 877-9151	jeffsnider@cvsnider.com jcsnider@cvsinder.com
Specified Play Equipment Company	David Yosso	121 Industrial Rd #1 Belmont, CA 94002	Northwestern California (See bciburke.com for specific counties)	(650) 394-4484	david@specplay.com
St. Croix Recreation	Christopher Johnsen	225 N Second St Stillwater MN 55082	Minnesota	(651) 430-1247	cj@stcroixrec.com
Top Line Recreation	Terry & Sonia Perkins	2922 Howland Blvd Suite 3 Deltona, FL 32725	Florida (Excluding Panhandle) (See bciburke.com for specific counties)	(800) 921-4509	terryp@toplinerec.com soniap@toplinerec.com
Twin States Recreation	Max Maxwell	PO Box 732 Magnolia Springs, AL 36555	Alabama & Florida Panhandle (See bciburke.com for specific counties)	(205) 453-4321	max@twinstatesrec.com



PLAY THAT MOVES YOU.

At Burke, movement is our mantra. It drives our purpose and ignites our passion to bring the best in playground design and the most innovative, developmentally rich play, outdoor fitness and recreation products. Our research and testing push us to create new and unique ways to challenge children, families, schools, communities, teams and individuals to move, to grow and to play. Play fosters opportunities for connection between generations and with our peers, provides growth and togetherness and moves us in so many ways. Join Our Movement® and experience the many ways play can move you.

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Burke Swing Set - circa 1951

100 YEARS OF PLAY

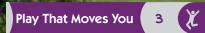
We are celebrating 100 years and to us that means making the very best and most innovative playground,



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fitness and recreation equipment in our history. We're guided by our legacy of innovation, customer service and creativity while continuing to challenge ourselves through research, analysis and continuous improvement. But being better means more - it means investing in the communities we live and work and continuing our story by giving back with acts of kindness and supporting organizations that help kids and families. Our goal is simple - to harness the power of play to make the world a happier, kinder, more playful place. Join Our Movement and share in the story by giving back in your community, posting a picture and using #play20. We're excited to share in this year together.

WATCH THE VIDEO ONLINE AT BCIBURKE.COM/HISTORY



Intensity Fitness Complex - 2007

Innovative, New Nucleus Evolution Play System



PLAY FOR DEVELOPMENT



Play is the work of childhood and helps children express themselves, monitor their emotions and develop a sense of identity that fuels their self-esteem and shapes their world view. Creating environments that foster this growth is at the heart of what we do at Burke and helps to teach resiliency, perseverance and tenacity – all skills that transcend the playground and help children to develop into successful and healthy adults.



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PLAY FOR YOUR MIND

Playful experiences are learning experiences and children at play are developing a wide-variety of skills that range from problem solving and cognitive planning to memory and self-regulation. Each and every time a child plays they are contributing positively to their cognitive development and setting themselves up for future success.

PLAY FOR HEALTH

Movement is life and is one of the most important aspects in overall health and wellness for people of all ages and abilities. Burke has playground and fitness offerings that engage everyone in all stages of life to move. Our Nucleus® and Intensity® playgrounds feature a fusion of play that helps children engage in active play throughout the day for enhanced growth and developmental opportunities. ELEVATE® Fitness Course brings obstacle course fitness to a whole new level and is poised to engage children 5-12, teenagers and adults. ACTIVATE® Fitness Circuit and INVIGORATE™ Dynamic Fitness are a great way to add events to a fitness trail or create a space for outdoor exercise. However you move, exercise helps build and maintain strong bones, enhances cardiovascular health and reduces the risk of depression. Our variety of fitness equipment will meet you where you are in your fitness journey and challenge you to be more.

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Motion play creates a childhood experience like no other by creating movement for children of all abilities and providing developmental benefits, including increased spatial awareness, inner ear stimulation and balance. Motion can be a source of calm for children with sensory processing differences while providing delight and excitement for children of all ages. play.



PLAY FOR CONNECTION

Play provides us with common experiences, shared laughter and true connection. It brings communities together and helps us return to the simplicity of basic human connection and kindness. Parks and recreation spaces are critical because they lay the groundwork for the intergenerational engagement, interaction and development we all seek. Products such as Novo Playful Furniture, with interesting pieces that can be used in a variety of ways, foster those opportunities by creating a space where everyone can interact and play together in their own way. The Konnection® Swing revolutionizes connection by promoting face-to-face connections and playing together. Every person of every age and ability brings their own unique experiences that enhance the collective and moves us all through



PLAY FOR EVERYONE

Communities thrive when they play and parks and play environments provide multi-generational spaces that encourage development, socialization and a sense of belonging. Everyone can be part of the Play Movement and benefit their community by bringing more of these fun, active places to their neighborhoods, schools and centers and help everyone to find the best of themselves through play. Join Our Movement and follow us on social media, visit our website and be part of something better – something that can make everyone happier, healthier and more engaged.



WORK THAT MOVES US

Our mission is simple – to bring Play That Moves You to communities around the world. This mission drives us each and every day to innovate the best in play, playgrounds, recreation and outdoor fitness equipment that help everyone find the best of themselves through play. We are passionate about our legacy of customer service and craftsmanship while looking to the future and always striving to be better.



At Burke, play inspires us to create a community of people that are invested in growth, aren't afraid to commit to positive change and seek to enrich and enhance the lives of the people in communities where we serve and live. Researching, innovating and creating products that help communities and people grow and thrive is the core of our purpose. In our own community, we partner with organizations such as the YMCA and Boys and Girls Club of Fond du Lac and we support, on a larger scale, organizations, municipalities, schools, churches and associations to Join Our Movement and help let play lead the way for change. This is work that moves us and we hope the results move you.



NUCLEUS® & INTENSITY®



Fusing traditional and fitness-based play, Nucleus and Intensity bring exciting, engaging and adventurous play to children ages 2-5 and 5-12. Both feature Burke Built Quality with 5" O.D. posts, premium powder coatings, UV-16 compound rotomolded plastics and durable climbing cables. Nucleus features our Industry-leading KoreKonnect® direct-bolt clamp system resulting in the strongest and most accurate connection system ever. Intensity uses a direct-bolt system to ensure a trouble-free installation and provide the necessary strength to accommodate the demands of playing children.

SYNERGY" & SYNERGY IMAGINATION OF

Synergy brings play to smaller spaces with 3.5" posts and simple design lines. Perfect for children 2-5 and 5-12, Synergy helps children develop skills that transcend the playground. Synergy Imagination offers a whimsical space designed especially for children ages 2-5. Fostering imaginative play, creativity and socialization, Synergy Imagination brings an important part of childhood development to the playspace and helps children expand their sense of self, see the world differently and interact with their peers and caregivers.

BURKE FITNESS

Burke fitness lines are a great way to spend time outdoors and gain the benefits of increased physical fitness. The options for creativity are limitless and exercises can be frequently changed to alter your exercise routine and keep improving your fitness. Take on ELEVATE Fitness Course that brings together a series of challenging physical obstacles, work out in a circuit format with ACTIVATE Fitness Circuit or INVIGORATE Dynamic Fitness. Designed for ages 5-12 or 13+, Burke Fitness helps get everyone moving, fosters intergenerational relationships and helps communities thrive. See page 184

FREESTANDING PLAY



Freestanding play is a great way to add play for all ages and abilities to the playspace. Adding swings, spinning events, panels, climbers and music help to stimulate more growth, development and fun for children. See page 158

SITE FURNISHINGS



Burke offers a full line of park and site amenities that will add value and comfort to any playground, park, school or outdoor public area. A variety of Playful Furniture, PVC-Coated Steel, Wood or Recycled Plastic amenities are available for every environment. See page 190

SAFETY SURFACING



At Burke, we offer great surfacing solutions to help keep your kids safer while providing an attractive, accessible playground site. Burke Turf® and Burke Tiles are eco-friendly, extremelydurable and look great! See page 200

INTRODUCING SYNERGY IMAGINATION

Imagination is not only fun but an important part of how children develop a sense of self, see the world and interact with their peers and caregivers. Designing a space that fosters a child's imagination and encourages imaginative play is important at the critical ages of 2-5 while they are beginning to learn how to interact, negotiate and express themselves all through self-directed play.

SEE PAGE 94 FOR MORE INFORMATION.



WATCH THE VIDEO ONLINE AT BCIBURKE.COM/IMAGINATION





SYNERGY IMAGINATION

Synergy Imagination brings children a whimsical space that is designed with them in mind for extra comfort and confidence. With smaller hand grips, steps and decks, the sizing and spacing is exactly what they need to help them develop, learn, engage and grow. Children will love the opportunity to play in a space with soft, approachable lines and products that are designed and sized especially for them to learn so many important skills that transcend the playground.



SEE PAGE 98 FOR MORE INFORMATION.

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LIL' NOVO PLAYFUL FURNITURE

When something is sized perfectly for us it makes us feel special, safe and in our element. Lil' Novo does just that for smaller spaces and smaller people. Kids will love the benches and tables that fit them perfectly and help them find a space to rest, climb, learn and socialize. Pair it with Synergy Imagination, Novo Playful Furniture or place it in an outdoor classroom for optimal learning and engagement.

SEE PAGES 138 & 190 FOR MORE INFORMATION.









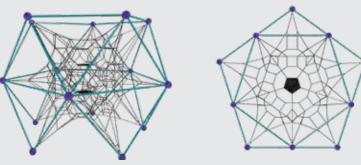


ROPEVENTURE® EPIC

RopeVenture Epic brings epic, exciting and memorable adventures to the playground for children ages 5-12. Here they can stretch their boundaries, define their own climbing experiences and develop their confidence on an awe-inspiring rope system! RopeVenture can be used as a standalone climbing event or it can be connected to a Burke play structure, either way it will be a centerpiece in the play environment that inspires kids to move and dream big adventures!

NEW

SEE PAGE 14G FOR MORE INFORMATION.





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NEW!

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SPINETIC[™]

Spinning helps children develop in so many ways! From proprioception, the awareness of the body in space, to balance, strength, cooperation and socialization, spinning is not only fun but necessary for children as they grow into themselves. Spinetic is a multi-user spinner that offers children the opportunity to play together and work toward a common goal – an exciting spinning adventure on the playground. With room for up to 8 kids, this is certain to be a favorite in any playspace!

SEE PAGE 158 FOR MORE INFORMATION.



NEW SLIDES

Sliding helps children develop important skills from cooperation and socialization to balance and core strength. And sliding is so much fun kids will want to do it over and over again. Fast, curvy and exciting like its namesake race course, the Monaco™ Slide is a must for children everywhere. The Contour™ Slide offers the ability for kids to slide together and get a sensory experience all in one place. As they slide, kids can put their hands in the middle to feel how the contours change on the way down! Cobra Slides® generates twisting, turning excitement in the play environment and new options for this popular collection mean there are even more ways to bring the all the benefits of sliding to the playspace.

SEE PAGES 125 & 129 FOR MORE INFORMATION.

MONACO SLIDE





CONTOUR SLIDE



S FUSION





COBRA SLIDE CORKSCREW FUSION





NEW CLIMBERS

So you think you can climb? These new climbers from Burke will challenge children at all levels and help develop necessary skills from cognitive planning to resilience. The Manitou™ Climber name hails from the Manitou Incline – a difficult hike with 2,000 feet of vertical gain in a single mile. Hand and foot holds are arranged so children of differing climbing abilities can climb at their own pace and be challenged to move to the next level. The Trango and Verve® Climbers provide random paths for children to climb while making their way to the top. With so many options for different approaches, children will stay engaged and excited to find new ways to conquer the incline.





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PLAYENSEMBLE®

PlayEnsemble brings a higher level of musical expression to communities. As a universal creative experience, music brings a sense of wonder to the play environment. Musical experiences aren't just play; they accelerate child development intellectually, socially and emotionally as well as enhance overall motor skills, language and literacy. It helps the body and the mind work together to create a synergy that transcends the playground.

SEE PAGE 154 FOR MORE INFORMATION.



PLAYENSEMBLE SUPINE CHIMES HUE



PLAYENSEMBLE TERRA METALLOPHONE



PLAYENSEMBLE CIRQUE DRUMS



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INVIGORATE DYNAMIC FITNESS

INVIGORATE Dynamic Fitness brings exercise outdoors and makes it more fun, more social and more invigorating! Add one or all four of these new Burke Fitness pieces to your outdoor fitness space and see how the option to exercise outside changes your community. INVIGORATE Dynamic Fitness can stand alone or be paired with ACTIVATE Fitness Circuit along a trail or in an outdoor gym. Add in ELEVATE Fitness Course to round out the fitness offerings and create a multigenerational space where everyone can get and stay moving together!

SEE PAGE 188 FOR MORE INFORMATION.









INVIGORATE CHEST PRESS





INVIGORATE ELLIPTICAL

INVIGORATE RECUMBENT BIKE



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WATCH THE VIDEO ONLINE AT BCIBURKE.COM/PLAYMOVES

THE GUILD FOR HUMAN SERVICES - CONCORD, MA

When a space is designed especially for you, it creates a sense of comfort, adds confidence and makes everyone feel like they can grow and play at their own pace. The Guild for Human Services is a unique schoolcommunity that serves 85 students from ages 6 to 22 who are diagnosed with intellectual disabilities, including autism, concurrent mental health diagnoses and challenging behaviors. For some, this was their first exposure to a playground.

When designing this inclusive playspace, factors such as the yellow visual cues in the surface around play areas were very important for users with visual challenges. Students with autism or other sensory processing differences have a variety of options to swing or rock as well as areas to step away from the group and recharge if they become overstimulated. Thoughtful design is key to creating an environment where everyone can find the best of themselves through play.

The play environment produces positive social, emotional and physical developmental benefits. It shapes how the participants learn and engage with each other allowing for natural progression of social skills, relationship building and emotional bonding. Plus, after time spent playing outside, they are more able and ready to learn inside the classroom.

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Everyone needs and deserves a place where they can grow, develop and be challenged. The people at the Guild for Human Services now have this space and it will serve them for years to come.



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THE GUILD FOR HUMAN SERVICES - CONCORD, MA

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NU-2884	Entire Playspace	5-12	\$209,300	51 events	331 kids	81' x 80' (24.7m x 24.4m)
1	NU-2885	Ramped Structure	5-12	\$141,100	28 events	220 kids	51' x 54' (15.6m x 16.5m)
2	BB-2767	Sound Garden	2-12	\$8,700	3 events	12 kids	N/A
3	BB-2336	Sound Garden	2-12	\$4,000	3 events	12 kids	N/A
4	550-0186	Volito Multi-User-Swing	2-12	\$6,061	1 event	4 kids	30' x 27' (9.2m x 8.3m)
5	550-0187	Volito Add-On	2-12	\$6,910	1 event	4 kids	30' x 27' (9.2m x 8.3m)
6	560-2579	Volta [®] Inclusive Spinner	2-12	\$6,021	1 event	9 kids	20' (6.1m) diameter
7	560-2573	KidForce Spinner	2-12	\$730	1 event	1 kid	14' (4.3m) diameter
8	560-0457	Swift Twist Spinner	2-12	\$1,168	1 event	1 kid	14' (4.3m) diameter
9	580-1314	Novo Benches	N/A	\$1,826 each	N/A	3 people	N/A
10	580-1320	Novo Tables	N/A	\$1,130 each	N/A	N/A	N/A
11	580-1312	Novo Arc Benches	N/A	\$483 each	N/A	2 people	N/A
12	See page 167	Arch Swings	2-12	See page	e 165-169 for comp	olete swing selec	tion.

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.







MINDOWASKIN PARK WESTFIELD, NJ

Contact your local Burke Representative for details on this custom design.



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KIWANIS FAMILY PARK - SANFORD, NC

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NU-2886	Entire Playspace	2-5 & 5-12	\$153,700	36 events	172 kids	77' x 92' (23.5m x 28.1m)
1	NU-2887	Ramped Structure	5-12	\$86,300	21 events	131 kids	51' x 45' (15.6m x 13.8m)
2	NU-2888	PlayEnsemble	2-12	\$17,500	6 events	9 kids	N/A
3	560-2601	Roller Table	2-12	\$11,816	1 event	4 kids	23' x 15' (7.1m x 4.6m)
4	560-2579	Volta Inclusive Spinner	2-12	\$6,021	1 event	9 kids	20' (6.1m) diameter
5	560-0042	Inclusive Orbit	5-12	\$11,303	1 event	6 kids	19' (5.8m) diameter
6	550-0195	AirVenture® Glider	5-12	\$5,343	1 event	2 kids	33' x 27' (10.1m x 8.3m)
7	550-0187	Volito Add-On Bay	2-12	\$6,910	1 event	4 kids	30' x 27' (9.2m x 8.3m)
8	See page 167	5" Arch Swings	2-12	See pa	ges 165-169 for co	omplete swing s	election.
9	580-1294	Full Color Welcome Sign	5-12	\$555	N/A	N/A	N/A

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



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Contact your local Burke Representative for details on this custom design.



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Inclusive Playgrounds

3 Large Sail Shades in back by others.

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PIONEER PARK - STILLWATER, MN

Number	Product ID	Description	Ages	Price*	Play Events
1	NUNP-2890	Ramped Structure	5-12	\$163,400	36 events
2	560-2579	Volta Inclusive Spinner	2-12	\$6,021	1 event
3	560-2575	PlayHouse, Benches and Counter	2-5	\$5,312	14 play features
4	See page 167	Single Post Swings	2-12	See p	ages 165-169 for co

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



ASTM Use Zone

71' x 58' (21.7m x 17.7m)

20' (6.1m) diameter

Capacity

293 kids

9 kids

12 kids







MUCKLO PARK - BEREA, OH

Number	Product	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone	
	NUIN-2796	Entire Play Space	5-12	\$300,200	68 events	507 kids	97' x 160' (29.6m x 48.8m)	
1	NUIN-2797	Ramped Structure	5-12	\$149,800	37 events	267 kids	65' x 72' (19.8m x 21.9m)	
2	NUIN-2798	Nucleus-Intensity Structure	5-12	\$109,700	26 events	203 kids	55' x 93' (16.8m x 28.4m)	
3	550-0180	100' (30.5m) ZipVenture®	5-12	\$14,298	1 event	1 kid	26' x 126' (7.9m x 38.4m)	
4	550-0186	Volito Multi-User Swing	2-12	\$6,061	1 event	4 kids	30' x 27' (9.2m x 8.3m)	
5	560-0576	REV8 Rotating Climber	5-12	\$17,858	1 event	25 kids	25' (7.6m) diameter	6
6	560-2573	KidForce Spinner	2-12	\$730	1 event	1 kid	14' (4.3m) diameter	
7	560-2586	Comet I	5-12	\$1,808	1 event	6 kids	16' (4.9m) diameter	

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



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MOT ROTARY CAN-DO PLAYGROUND AT CHARLES E. PRICE MEMORIAL PARK - MIDDLETOWN, DE

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NU-2929	Entire Playspace	2-5 & 5-12	\$176,900	54 events	297 kids	118' x 81' (36m x 24.7m)
1	NU-2931	Ramped Structure**	2-12	\$105,000	21 events	171 kids	63' x 55' (19.2m x 16.8m)
2	NU-2930	Ramped Structure	5-12	\$49,500	19 events	100 kids	55' x 46' (16.8m x 14.1m)
3	BB-2336	Sound Garden	2-12	\$4,000	3 events	12 kids	N/A
4	580-0245	Cottage Cozy Corner	2-12	\$2,304	4 play features	7 kids	N/A
5	560-2573	KidForce Spinner	2-12	\$730	1 event	1 kid	14' (4.3m) diameter
6	see page 167	Arch Swings	2-12	See pag	es 165-169 for comple	ete swing selecti	on.
7	580-1295	Full Color Welcome Sign	2-12	\$555	N/A	N/A	N/A
8	560-0580	15' x 15' Single Post Shade	N/A	\$4,982	N/A	N/A	N/A
9	580-0174	Traditional Series Bench	N/A	\$621	N/A	N/A	N/A
10	580-0180	Traditional Series Litter Container	N/A	\$458	N/A	N/A	N/A

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **This playground, as designed, can be used by the 2-5 or 5-12 age groups and complies with the ASTM and CPSC standards as written. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.









DRY CREEK PARK - HAYDEN, CO

Communities thrive when they have a place to move, gather, develop and grow together. The community of Hayden, CO believes in the power of playspaces that offer all of these benefits, while providing a destination park that appeals to people of all ages and abilities.

Dry Creek Park is a beautiful open space located within walking distance from many Hayden neighborhoods and schools. Designing a space that provided equal access to the play areas with an intergenerational aspect was critical to the success of this park.

In addition to two age appropriate playgrounds that provide many opportunities for all types of development, Dry Creek Park incorporated an ELEVATE Fitness Course into their design. Here adults and children ages 5 and up can challenge themselves and each other while having fun and staying active.

Dry Creek Park helped to establish Hayden as a destination spot keeping residents in their community and attracting visitors from neighboring communities. They built it and now people are coming. It's the power of play.





DRY CREEK PARK - HAYDEN, CO

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NU-2889	Entire Playspace	2-5 & 5-12	\$160,000	41 events	210 kids	102' x 88' (31.1m x 26.9m)
1	NU-2891	Nucleus Structure	5-12	\$90,300	19 events	116 kids	60' x 46' (18.3m x 14.1m)
2	NUNP-2345	ClubHouse® Structure	2-5	\$46,900	12 events	64 kids	43' x 31' (13.1m x 9.5m)
3	550-0186	Volito Multi-User Swing	2-12	\$6,061	1 event	4 kids	30' x 27' (9.2m x 8.3m)
4	570-0053	4 Seat Rocker	2-12	\$2,196	1 event	4 kids	13' x 22' (4m x 6.7m)
5	560-2586	Comet I	5-12	\$1,808	1 event	6 kids	16' (4.9m) diameter
6	560-2579	Volta Inclusive Spinner	2-12	\$6,021	1 event	9 kids	20' (6.1m) diameter
7	580-1296	Full Color Welcome Sign	2-5	\$555	N/A	N/A	N/A
8	580-1294	Full Color Welcome Sign	5-12	\$555	N/A	N/A	N/A
9	See page 167	Single Post Swings	2-12	See page	s 165-169 for compl	ete swing selecti	ion.
10	FIT-2628	ELEVATE Fitness Course	5-12 & 13+	\$87,700	11 obstacles	33 people	51' x 80' (15.6m x 24.4m)

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

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ROBERT M. BEREN ACADEMY - HOUSTON, TX

Ages 2-5, 5-12 & 13+

5-12 & 13+

2-5

2-5

2-12

5-12

5-12

2-12

5

Number	Product ID	
	NUIN-2901	
1	FIT-2754	
2	NU-2903	
3	NUIN-2902	
4	560-2579	
5	560-0597	
6	560-0560	
7	BB-2767	

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Description
Entire Playspace
ELEVATE Fitness Course
Nucleus Structure
Nucleus-Intensity Structure
Volta Inclusive Spinner
RopeVenture Vertex
NaturePlay [®] RockVenture [®]
Sound Garden

 Price*
 Play

 \$138,500
 31

 \$29,800
 4 of

 \$16,300
 8

 \$48,900
 13

 \$6,021
 1

 \$16,700
 1

 \$13,336
 1

 \$8,700
 3

Play Events 31 events 4 obstacles 8 events 13 events 1 event 1 event 1 event 3 events

ASTM Use Zone

82' x 158' (25m x 48.2m) 51' x 74' (15.6m x 22.6m) 18' x 17' (5.5m x 5.2m) 33' x 64' (10.1m x 19.5m) 20' (6.1m) diameter 28' x 28' (8.6m x 8.6m) 19' x 18' (5.8m x 5.5m) N/A

Large Shade by others.

⁴Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



Capacity

155 kids

8 kids

26 kids

69 kids

9 kids

25 kids

6 kids

12 kids



RALSTON VALLEY PARK - ARVADA, CO

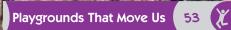
NU-2933 Ages 5-12 Approximately \$122,300 21 Play Events | 143 Kid Capacity 46' x 59' (14.1m x 18m) ASTM Use Zone



SPREN CHARMEN

Volta Inclusive Spinner and Custom Vehicle structure sold separately. Contact your local Burke Representative for more information.

Rock Climbers by others. *Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



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SCOTTSDALE RANCH PARK - SCOTTSDALE, AZ

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NUIN-2785	Entire Playspace	2-5 & 5-12	\$207,700	43 events	312 kids	49' x 164' (15m x 50m)
1	560-2588	Level X [®] Play System	5-12	\$50,000	1 event	110 kids	37' x 49' (11.3m x 15m)
2	NUIN-2787	Nucleus-Intensity Structure	5-12	\$118,000	27 events	153 kids	49' x 46' (15m x 14.1m)
3	NU-2786	Nucleus Structure	2-5	\$25,000	8 events	36 kids	23' x 31' (7.1m x 9.5m)
4	see page 167	5" Arch Swings	2-12	See page	s 165-169 for compl	ete swing selectic	n.
5	see page 132	Freestanding Panels	2-12	See page	s 132-137 for compl	ete panel selectio	n.

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.











NORTHSHORE PARK - HOUSTON, TX

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NUIN-2892	Entire Playspace	2-5 & 5-12	\$187,200	57 events	260 kids	111' x 73' (33.9m x 22.3m)
1	NUIN-2893	Nucleus-Intensity Structure	2-5	\$62,500	18 events	89 kids	43' x 49' (13.1m x 15m)
2	NUIN-2894	Nucleus-Intensity Structure	5-12	\$104,400	27 events	152 kids	51' x 68' (15.6m x 20.8m)
3	560-2589	Comet II	5-12	\$1,808	1 event	6 kids	16' (4.9m) diameter
4	560-2573	KidForce Spinner	2-12	\$730	1 event	1 kid	14' (4.3m) diameter
5	See page 167	Arch Swings	2-12	See page	s 165-169 for comple	ete swing selectio	n.
6	580-1317	Novo Age Sign	2-5	\$305	N/A	N/A	N/A

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



ZACHARY PLAYFIELD - PLYMOUTH, MN

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	AST
	NUIN-2898	Entire Playspace	2-5 & 5-12	\$197,100	65 events	321 kids	85' x 112
1	NUIN-2900	Nucleus-Intensity Structure	5-12	\$133,100	41 events	212 kids	81' x 66'
2	NUIN-2899	Nucleus-Intensity Structure	2-5	\$34,100	12 events	53 kids	33' x 40'
3	560-2589	Comet II	5-12	\$1,808	1 event	6 kids	16' (4
4	560-2573	KidForce Spinner	2-12	\$730	1 event	1 kid	14' (4
5	560-0576	REV8 Rotating Climber	5-12	\$17,858	1 event	25 kids	25' (7
6	590-0064	Little Digger	2-12	\$732	1 feature	1 kid	18' x 18
7	590-0063	Little Digger ADAAG	2-12	\$704	1 feature	1 kid	18' x 18
8	580-0280	Single Sand Table	2-12	\$1,410	1 feature	8 kids	
9	580-1019	Rotating Sand Table	2-12	\$1,195	3 features	6 kids	3' x
10	See page 167	Single Post Swings	2-12	See pa	ges 165-169 for a	complete swing s	selection.

STM Use Zone

12' (25.9m x 34.2m) 6' (24.7m x 20.2m) 0' (10.1m x 12.2m) (4.9m) diameter (4.3m) diameter (7.6m) diameter 18' (5.5m x 5.5m) 18' (5.5m x 5.5m) N/A

x 3' (1m x 1m)

Freestanding shade and table by others.

Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.







MABRY PARK - MARIETTA, GA

Creating a place for kids, families and neighbors to gather helps communities thrive and creates a destination for everyone to meet. This playspace in Cobb County, GA does that while celebrating the history of the land where the park sits through a farm-themed play environment that fosters imagination, fun and development.

One of the keys to keeping people coming back to the park is keeping them engaged and offering opportunities for continued growth and challenge. From the Volta Inclusive Spinner to the timeless and always loved swings, children and families in the community, and from around the area, return to this thoughtfully designed space over and over again.

Contact your local Burke Representative for details on this custom design. Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



WESTFIELD, NJ

COLLINS PARK

62

Themed Playgrounds

THE WALLEY

Contact your local Burke Representative for details on this custom design.











MAYFAIR PURCELLVILLE, VA

NUNP-2814 Ages 5-12 Approximately \$133,300* 20 Play Events | 92 Kid Capacity 29' x 70' (8.8m x 21.4m) ASTM Use Zone



ClubHouse Litter Container 580-0298 - \$790 Log benches by others.

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from fall.



COOPER ACADEMY - CLAYTON, NC

NU-2812 Ages 5-12 Approximately \$119,500* 22 Play Events | 123 Kid Capacity 50' x 74' (15.3m x 22.6m) ASTM Use Zone

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Themed Playgrounds

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*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice Pricing does not include swings, sign or panel play area. Contact your local Representative for more information. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



CUSTOM VEHICLES

Burke's Custom Vehicle Panels make it easy to create your dream playground! Imagine chasing bad guys in a police cruiser, exploring space in a moon rover or picking up children for school at the bus stop. Combine the imaginative play of your Custom Vehicle with our variety of play events to create an outstanding themed play environment. Contact your local Burke Representative to get started!



Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

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DIAL 911





Custom Routed Panels Available in over a dozen standard sizes BCIBURKE.COM



Full Color Custom Panels Available in 3 standard sizes



Custom Full Color Flag Post Topper



Custom Full Color Pennant Post Topper









Custom Arch Sign

(3) Custom Counter Available in 2 standard sizes (a) Full Color Custom Photo Opportunity Panel Available in 2 standard sizes



FORTUNE ROAD ATHLETIC COMPLEX - KISSIMMEE, FL

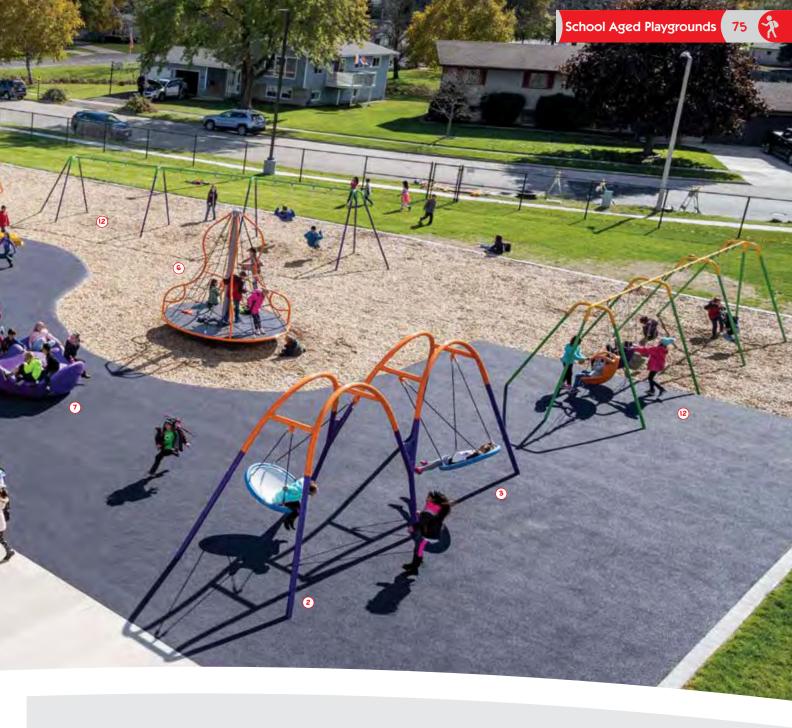
Engaging children ages 5-12 requires bringing even more excitement, adventure and fun to the play environment! Enter Nucleus® Evolution®, a collection of products that combines intricate climbers and fast slides with coordinating roofs and barriers into a tower that beckons children to explore a unique playscape. This collection will move children to create new experiences while taking your playground to new heights and bringing everyone together.

NUIN-2834 Ages 5-12 Approximately \$132,000* 22 Play Events | 145 Kid Capacity 41' x 62' (12.5m x 18.9m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





FRIENDSHIP LEARNING CENTER - NORTH FOND DU LAC, WI

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NUIN-2823	Entire Playspace	5-12	\$332,900	92 events	548 kids	119' x 170' (36.3m x 51.8m)
1	NUIN-2824	Nucleus-Intensity Structure	5-12	\$227,900	57 events	389 kids	78' x 105' (23.8m x 32.1m)
2	550-0186	Volito Multi-User Swing	2-12	\$6,061	1 event	4 kids	30' x 27' (9.2m x 8.3m)
3	550-0187	Volito Add-On	2-12	\$6,910	1 event	4 kids	30' x 27' (9.2m x 8.3m)
4	BB-2321	Sound Garden	2-12	\$7,700	3 events	12 kids	N/A
5	BB-2339	Sound Garden	2-12	\$4,100	2 events	8 kids	N/A
6	560-0576	REV8 Rotating Climber	5-12	\$17,858	1 event	25 kids	25' diameter (7.6m)
7	560-2579	Volta Inclusive Spinner	2-12	\$6,021	1 event	9 kids	20' diameter (6.1m)
not pictured	560-2586	Comet I	5-12	\$1,808	1 event	6 kids	16' diameter (4.9m)
8	560-0444	Satellite Walk	5-12	\$8,227	1 event	30 kids	23' x 27' (7.1m x 8.3m)
9	560-0597	RopeVenture Vertex	5-12	\$16,700	1 event	25 kids	28' x 28' (8.6m x 8.6m)
10	560-2581	Verve VI Climber	5-12	\$4,653	1 event	14 kids	22' x 23' (6.7m x 7.1m)
11	550-0190	75' (22.9m) ZipVenture	5-12	\$13,964	1 event	1 kid	101' x 26' (30.8m x 8m)
12	See page 168	Contemporary Three-Way Swings	2-12	See pages 165-169 for complete swing selection.			

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.











NU-2904 Ages 5-12 Approximately \$69,100 16 Play Events | 70 Kid Capacity 41' x 44' (12.5m x 13.5m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

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NEWLAND SQUARE PARK LAKEWOOD, CO

JUNEAR REP

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NU-2932 Ages 5-12 Approximately \$55,500* 9 Play Events | 66 Kid Capacity 28' x 40' (8.6m x 12.2m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



LEVEL X® PLAY SYSTEM

560-2588 Approximately \$50,000* Ages 5-12 | 110 Kid Capacity 37' x 49' (11.3m x 15m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

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CHARLES A. BERNAZZANI ELEMENTARY QUINCY, MA (SHOWN ABOVE)

SY-2895 Ages 5-12 (shown left) Approximately \$26,800* 10 Play Events | 26 Kid Capacity 36' x 43' (11m x 13.1m) ASTM Use Zone



NU-2883 Ages 5-12 (shown above) Approximately \$105,600* 27 Play Events | 124 Kid Capacity 38' x 62' (11.6m x 18.9m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice Pricing does not include swings, sign or panel play warea. Contact your local Representative for more information. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

WAUNAKEE COMMUNITY CENTER WAUNAKEE, WI (SHOWN BELOW)

NU-2926 Ages 5-12 Approximately \$30,300* 8 Play Events | 37 Kid Capacity 32' x 37' (9.8m x 11.3m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

2018 GREAT PLAY GIVEAWAY WINNER! LEARN MORE AT BCIBURKE.COM/PLAYGIVEAWAY



ACADEMIA ANTONIA ALONSO CHARTER SCHOOL WILMINGTON, DE (SHOWN ABOVE)

IN-2829 Ages 5-12 Approximately \$38,100* 8 Play Events | 64 Kid Capacity 39' x 51' (11.9m x 15.6m) ASTM Use Zone



Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls

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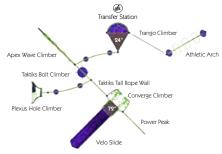


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Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.







IN-2912 Ages 5-12 Approximately \$26,200* 9 Play Events | 53 Kid Capacity 35' x 44' (10.7m x 13.5m) ASTM Use Zone



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NUIN-2805 Ages 5-12 Approximately \$33,500* 12 Play Events | 81 Kid Capacity 41' x 43' (12.5m x 13.1m) ASTM Use Zone





*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **This playground, as designed, can be used by the 2-5 or 5-12 age groups and complies with the ASTM and CPSC standards as written.







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Approximately \$53,300* 13 Play Events | 100 Kid Capacity 48' x 42' (14.7m x 12.8m) ASTM Use Zone

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NEW!

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SYNERGY IMAGINATION

Synergy Imagination offers a whimsical space designed and sized especially for children ages 2-5 fostering imaginative play, creativity and socialization. Synergy Imagination brings an important part of childhood development to the playspace and helps children expand their sense of self, see the world differently and interact with their peers.

> **SY-2897** Ages 2-5 Approximately \$25,400* 13 Play Events | 22 Kid Capacity 31' x 35' (9.5m x 10.7m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

FORTUNE ROAD ATHLETIC COMPLEX - KISSIMMEE, FL

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone		
1	NUIN-2906	Nucleus-Intensity Structure	2-5	\$29,600	12 events	44 kids	31' x 34' (9.5m x 10.4m)		
2	560-2590	Verve VI XS	2-5 or 5-12	\$3,391	1 event	11 kids	24' x 24' (7.3m x 7.3m)		
3	Contact us	Solis™ Hue Topper	N/A	Contact your local Burke Representative for more information.					
4	570-2681	Turtle Rocker	2-12	\$1,079	1 event	1 kid	16' x 13' (4.9m x 4m)		
5	570-2692	Raccoon Rocker	2-12	\$1,079	1 event	1 kid	16' x 13' (4.9m x 4m)		
6	570-2696	Duckling Rocker	2-12	\$1,079	1 event	1 kid	16' x 13' (4.9m x 4m)		
7	See page 167	5" Arch Swings	2-12	See pages 165-169 for complete swing selection.					

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





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SY-2896 Ages 2-5 Approximately \$22,900* 11 Play Events | 22 Kid Capacity 28' x 30' (8.6m x 9.2m) ASTM Use Zone



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

KIDDIE ACADEMY - LONE TREE, CO

Number	Product ID	Description	Ages	Price*	Play Events	Capacity	ASTM Use Zone
	NUIN-2934	Entire Playspace	2-5	\$54,600	21 events	99 kids	30' x 119' (9.2m x 36.3m)
1	NUIN-2935	Nucleus-Intensity Structure	2-5	\$29,600	10 events	49 kids	30' x 38' (9.2m x 11.6m)
2	560-2575	PlayHouse, Benches & Counter	2-12	\$5,312	14 features	12 kids	18' x 23' (5.5m x 7.1m)
3	BB-2336	Sound Garden	2-12	\$4,000	3 events	12 kids	N/A
4	580-0166	Theater Paint Center	2-12	\$1,279	1 event	4 kids	N/A
5	580-0308	Stop Sign	2-12	\$165	N/A	N/A	N/A
6	580-0310	Speed Limit Sign	2-12	\$165	N/A	N/A	N/A
7	580-0309	Yield Sign	2-12	\$165	N/A	N/A	N/A
8	580-1275	Step 'N' Scoot	6-23 months	\$2,212	7 features	8 kids	N/A
9	580-1279	Climb 'N' Crawl	6-23 months	\$3,063	7 features	8 kids	N/A
10	Contact us	Shade and Play Panels	Contact	your local B	urke Representati	ve for more c	lesign options

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to prevent injuries from falls.



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FRIENDSHIP LEARNING CENTER FOND DU LAC, WI

NU-2927 Ages 2-12 Approximately \$51,200* 17 Play Events | 47 Kid Capacity



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to prevent injuries from falls.



BETHLEHEM CENTER - FORT WORTH, TX

Product ID	Description	Ages	Price*	Play Events	Capacity	A
NUIN-2790	Nucleus-Intensity Structure	2-5	\$30,500	9 events	45 kids	40' x
560-2573	KidForce Spinner	2-12	\$730	1 event	1 kid	14'
BB-2808	Sound Garden	2-12	\$4,100	2 events	8 kids	
580-1312	Novo Arc Benches	2-12	\$483 each	1 event	2 kids	14' x
	NUIN-2790 560-2573 BB-2808	NUIN-2790Nucleus-Intensity Structure560-2573KidForce SpinnerBB-2808Sound Garden	NUIN-2790Nucleus-Intensity Structure2-5560-2573KidForce Spinner2-12BB-2808Sound Garden2-12	NUIN-2790 Nucleus-Intensity Structure 2-5 \$30,500 560-2573 KidForce Spinner 2-12 \$730 BB-2808 Sound Garden 2-12 \$4,100	NUIN-2790 Nucleus-Intensity Structure 2-5 \$30,500 9 events 560-2573 KidForce Spinner 2-12 \$730 1 event BB-2808 Sound Garden 2-12 \$4,100 2 events	NUIN-2790 Nucleus-Intensity Structure 2-5 \$30,500 9 events 45 kids 560-2573 KidForce Spinner 2-12 \$730 1 event 1 kid BB-2808 Sound Garden 2-12 \$4,100 2 events 8 kids

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



ASTM Use Zone

x 30' (12.2m x 9.2m) 1' (4.3m) diameter N/A x 15' (4.3m x 4.6m)



ZACHARY PLAYFIELD PLYMOUTH, MN (SHOWN BELOW)

NUIN-2899 Ages 2-5 Approximately \$34,100* 12 Play Events | 53 Kid Capacity 33' x 40' (10.1m x 12.2m) ASTM Use Zone KidForce Spinner sold separately



Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





SHELTERING ARMS EARLY CHILDHOOD EDUCATION CENTER NEW YORK, NY (SHOWN ABOVE)

NUIN-2928 Ages 2-5 Approximately \$19,400* 12 Play Events | 31 Kid Capacity 30' x 28' (9.2m x 8.6m) ASTM Use Zone



Viper Slide 3D-1764 Ages 2-12 Approximately \$10,700* 1 Play Events | 16 Kid Capacity 23' x 28' (7m x 8.6m) ASTM Use Zone

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.



A PRAFE OF ATKORE

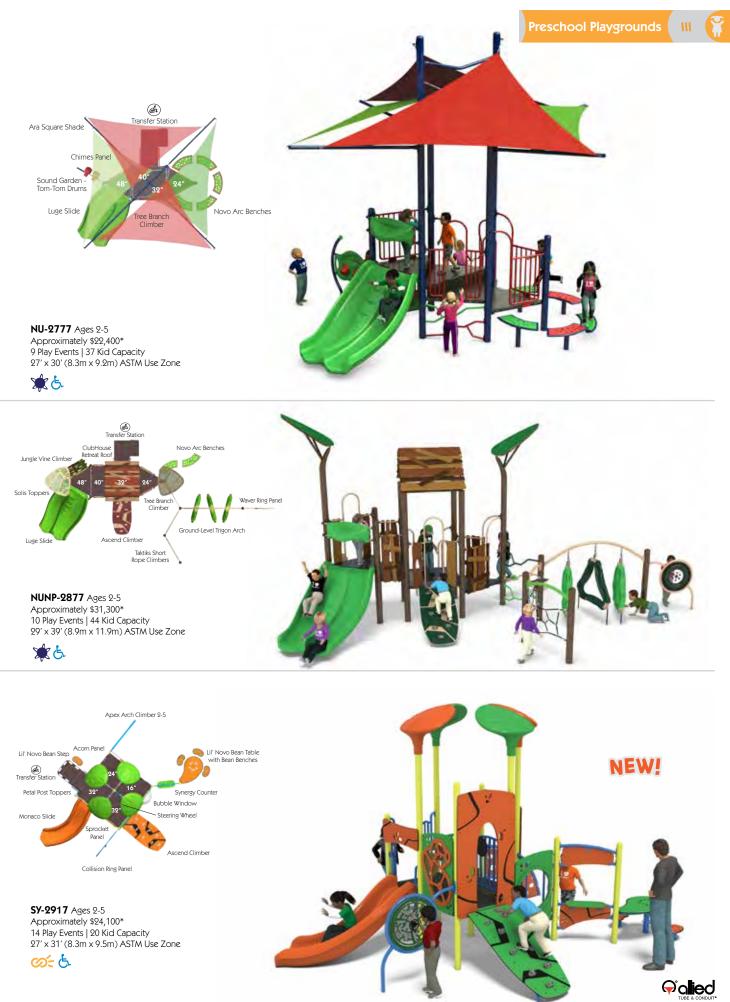






Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



CREATING PLAY THAT MOVES YOU

With an extraordinary range of playground, fitness and recreation products, BCI Burke continues to set the standard for play research, innovation and design across the industry. Your local Burke Representative is here to help you find the best fit for your community and is happy to provide best-in-class 3D capabilities and virtual tours to make your project come to life. There are so many ways to bring the best in play and play design to your community and we can't wait to work with you! Below are a couple of factors we believe contribute to bringing the highest level of play to your community.

Play Variety: Play is key to child development and providing a variety of play types in one space helps children reap all of the important developmental benefits. Spinning, swinging, sliding and climbing all bring value to the playspace and children will flourish in a space that offers so many surprises and adventures for them to enjoy.

Universally-designed: Providing access so everyone – kids, caregivers, older adults - can get into the play environment is important, but having a space where play is not only accessible but equitable helps everyone get even more from play. No matter what your ability, we believe play will benefit you socially, emotionally, physically and cognitively.

Intergenerational: Creating spaces where people of all ages can gather, socialize and be part of a community is important for neighborhoods to thrive and be united. Adding small touches such as comfortable seating within the playspace helps foster intergenerational engagement and connection.

Quality: Quality products, warranties and people help make the design, installation and service process easier and more fun. Quality products and best-in-industry warranties make certain your playspace will be part of your community for years to come.

As you browse this section, see what type of playground and fitness pieces move you. We can't wait to see what you choose!



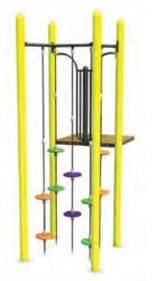
Play System Components

Component 1 2 not pictured 3 Description Taktiks® Tall Rope Wall Taktiks Trail Climber (Deck-to-Deck) Taktiks Short Rope Wall Nucleus Evolution Arch Climber

Platform 8" - 32" 0 - 24" offset 8" - 16" 0" - 192" Availability Nucleus, Intensity (ages 5-12 only) Nucleus (ages 5-12 only) Nucleus, Intensity Nucleus (ages 5-12 only)



Trango Climber Platform: Available at various offset heights Compatibility: Nucleus, Intensity, Synergy Post-to-Post or Deck-to-Deck (shown)



PodStep Climber Platform: 48", 56", 64" and 72" Compatibility: Nucleus, Intensity (ages 5-12 only)



PodStep Link Platform: 32" - 40" Compatibility: Nucleus, Intensity (ages 5-12 only)



Taktiks Trestle Climber Platform: 48" Deck-to-Deck Compatibility: Nucleus (ages 5-12 only)



Taktiks Bolt Climber Platform: 8" - 24" Compatibility: Nucleus, Intensity (ages 5-12 only)



Taktiks Tangle Climber Platform: 56" - 72" Compatibility: Nucleus, Intensity (ages 5-12 only)



Wild Web Platform: 8" - 48" Availability: Nucleus, Intensity (ages 5-12 only)



Platform: 8" - 24" Availability: Nucleus, Intensity



Trigon Tower Availability: Intensity (ages 5-12 only)



Availability Nucleus, Intensity (ages 5-12 only) Nucleus, Intensity (ages 5-12 only) Nucleus (ages 5-12 only) Intensity, Synergy Nucleus (ages 5-12 only)

115

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Crater Point Climber Platform: 40" - 64" Availability: Nucleus, Intensity, Synergy (ages 5-12 only)



Ridge Point Climber Platform: 40" - 64" Availability: Nucleus, Intensity, Synergy (ages 5-12 only)



Crest Point Climber Platform: 40" - 64" Availability: Nucleus, Intensity, Synergy (ages 5-12 only)



Power Peak Climber Platform: 40" - 64" Availability: Nucleus, Intensity, Synergy with or without HDPE (ages 5-12 only)



Mountain Top Climber Platform: 48", 56", 64", 72" and 96" Availability: Nucleus Also available as Steep Peak Climber with Rock Handholds



Stone Slope Climber Platform: 48", 56", 64", 72" and 96" Availability: Nucleus Also available as Expedition Climber without Rock Handholds



Verto Climber 2 Platform: 64" - 72" Availability: Nucleus, Intensity, Synergy (ages 5-12 only)



Verto Climber 3 Platform: 72" - 96" Availability: Nucleus, Intensity, Synergy (ages 5-12 only) Also available freestanding



Rugged Ridge Climber Platform: 8" - 48" Availability: Nucleus, Intensity (ages 5-12 only)



Apex Hole Climber 2-5 Platform: 8" - 24" Availability: Nucleus, Intensity, Synergy



Apex Arch Climber 2-5 Platform: 8" - 24" Availability: Nucleus, Intensity, Synergy



Apex Ellipse Climber Platform: 8" - 72" Availability: Nucleus, Intensity (ages 5-12 only)



Apex Wave Climber Platform: 8" - 72" Availability: Nucleus, Intensity (ages 5-12 only)



Twist N' Turn Climber Platform: 48" - 72" Availability: Nucleus (ages 5-12 only) Also Available as Hyper Helix for Intensity



Double Wing Climber Platform: 32" - 72" Availability: Nucleus, Synergy



Saturn Ring Climber Platform: 32" - 56" Availability: Nucleus, Synergy



Odyssey Post Link - Double Platform: 72" Availability: Nucleus, Intensity, Synergy Also available as Odyssey Post Link - Single 8" - 16"



Loop Climber Platform: 32" - 72" Availability: Nucleus



Centipede Climber Platform: 32" - 72" Availability: Nucleus, Synergy



Loop Rung Ladder Platform: 24" - 72" Availability: Nucleus



Linking Ring Climber Platform: 32" - 96" Availability: Nucleus, Synergy



Atom Climber Platform: 32" - 96" Availability: Nucleus, Synergy



Coil Climber Platform: 32" - 72" Availability: Nucleus, Synergy



Fan Climber Platform: 16" - 72" Availability: Nucleus, Synergy



Snake Climber Platform: 32" - 72" Availability: Nucleus, Synergy





Component 1 2 not pictured 3 4 Description NEW Verve Climber Odyssey Deck Link Odyssey Deck Link (Center Mount)** Tree Branch Climber Converge Climber Platform 64" and 96" 8" - 72" 94" Offset 32" - 96" 72" Availability Nucleus, Synergy (5-12 only) Nucleus, Intensity Nucleus (ages 5-12 only) Nucleus, Intensity, Synergy Nucleus, Intensity (ages 5-12 only)





Rope Link Platform: 48" - 72" Availability: Nucleus (ages 5-12 only)



Wobbly Web Availability: Nucleus, Intensity



Arched Rope Climber Platform: 8" - 96" Availability: Nucleus (ages 5-12 only)



Suspension Rope Link Lower Platform: 48" and 56" Higher Platform: 64" and 72" Availability: Nucleus (ages 5-12 only)



Spider Web Climber Platform: 8" - 48" Availability: Nucleus, Intensity (ages 5-12 only)



Agile Canyon Availability: Intensity (ages 5-12 only)



Twist Net Climber Platform: 56° and 72° Availability: Nucleus, Intensity, Synergy (ages 5-12 only)



Wiggle Watchtower Platform: 64" - 72" Availability: Nucleus (ages 5-12 only)



Wiggle Ladder Platform: 64" - 72" Availability: Nucleus (ages 5-12 only)



Cargo Net Platform: 32" - 56" Availability: Nucleus



Power Pipes Platform: 8" - 48" Availability: Nucleus, Intensity, Synergy



Lateral Post Link Platform: 8" - 32" Availability: Nucleus, Intensity



Board Climber Platform: 72" Availability: Nucleus



Active Apex Platform: 40" - 48" Availability: Intensity in Steel or HDPE (ages 5-12 only)



Tree Climber Platform: 32" - 72' Availability: Nucleus, Intensity, Synergy



Satellite Orbit 56" - 64" Availability: Nucleus (ages 5-12 only)



Amped Climber I Platform: 32" - 64" Availability: Nucleus as Ground-to-Deck or Deck-to-Deck



Amped Climber II Platform: 8" - 48" Availability: Nucleus (ages 5-12 only)



Dynamic Pad Climber Platform: 32" - 48" Availability: Nucleus, Intensity



Dynamic Pad Link Platform: 24" - 48" Availability: Nucleus (ages 5-12 only)



Plank Climber Platform: 32" Availability: Nucleus



Pod Walk Platform: 16" - 40" Availability: Nucleus, Synergy



Component 1 not pictured

4

Description Powerful Pods Sky Pods NEW Manitou Climber Leaf Climber Strength Stepper

Availability Nucleus, Intensity Nucleus, Synergy Nucleus, Synergy Nucleus, Synergy Intensity





COBRA SLIDES®

Cobra Slides feature a 30" diameter design and are available on platforms up to 16' (192")!

Description Cobra Slide Spiral Cobra Slide Corkscrew Component

2 3

Platform 120", 144", 168" and 192" 96", 112", 120", 144", 168" and 192" 120" Cobra Slide Curved Fusion

Availability Nucleus (ages 5-12 only) Nucleus (ages 5-12 only) Nucleus (ages 5-12 only)

CONTACT YOUR LOCAL BURKE REPRESENTATIVE FOR MORE COBRA SLIDE CONFIGURATIONS.





Cobra Slide Curved Platform: 72" and 96" Compatibility: Nucleus Cobra Slide S Platform: 120", 144", 168" and 192" Compatibility: Nucleus (ages 5-12 only)



Cobra Slide Straight Platform: 72" Compatibility: Nucleus



Cobra Slide Spiral Fusion Platform: 120", 144", 168" Compatibility: Nucleus (ages 5-12 only) Cobra Slide S Fusion Platform: 112", 120", 168", 192" Compatibility: Nucleus (ages 5-12 only)



Cobra Slide Corkscrew Fusion Platform: 168", 192" Compatibility: Nucleus (ages 5-12 only)



Viper Left Platform: 32", 48", 56", 64", 72", 96" and 112" Compatibility: Nucleus, Synergy Also available as Viper Right



Viper Spiral Platform: 96" and 112" Compatibility: Nucleus, Synergy (ages 5-12 only)



Viper S Platform: 48", 56", 64", 72", 96" and 112" Compatibility: Nucleus, Synergy

Viper III S-S-S Platform: 48", 56", 64", 72" and 96" Compatibility: Nucleus

Viper II S-S Platform: 48", 56", 64", 72" and 96" Compatibility: Nucleus, Synergy



Viper II Spiral-S Platform: 96" and 112" Compatibility: Nucleus, Synergy (ages 5-12 only) Viper II Spiral-Spiral Platform: 96" Compatibility: Nucleus, Synergy (ages 5-12 only)

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Fall absorbing material must be placed under and around all play equipment. Adult supervision is recommended.







VIPER® SLIDES

Component 1 V 2 V 3

Description Viper III Spiral-S-L3 Viper II Over Under Viper Straight 96" 48", 56", 64", 72" and 96" Availability Nucleus (ages 5-12 only) Nucleus, Synergy (ages 5-12 only) Nucleus, Synergy

CONTACT YOUR LOCAL BURKE REPRESENTATIVE FOR MORE CONFIGURATIONS.

Component 1 2

2 3 4 Description Velo XL Slide Luge™ Slide NEW Monaco Slide Rock 'N' Roll Slide

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Play System Components Slides

> **Platform** 88" - 96" 48" - 56" 32" - 40" 24", 32", 40", 48", 64" and 72"

Availability Nucleus, Synergy (ages 5-12 only) Nucleus, Synergy Nucleus, Synergy Nucleus, Synergy

129 Play System Components







Stainless Steel Double Wide Slide Platform: 32° - 40° Availability: Nucleus, Synergy



Stainless Steel Slide Platform: 32" - 72" Availability: Nucleus, Synergy



Roller Slide Platform: 48" - 56" Availability: Nucleus, Synergy



48" Spiral Slide Platform: 40" - 48" Availability: Nucleus, Synergy (ages 2-5 only)



NEW Monaco Slide Platform: 32 - 40" Availability: Nucleus, Synergy



Stainless Steel Wavy Slide Platform: 64" - 72" Availability: Nucleus, Synergy



1-Piece Spiral Slide 360° Platform: 56", 64" and 72" Availability: Nucleus



Short Straight Overhead Platform: 8" - 32" Availability: Nucleus as Triangle or Ring Swing, Synergy as Triangle (ages 5-12 only)



Long Straight Overhead Platform: 8" - 32" Availability: Nucleus as Triangle or Ring Swing, Synergy as Triangle (ages 5-12 only)



Rocking Snake Platform: 8" - 32" Availability: Nucleus (ages 5-12 only) Also available as Robust Rocker for Intensity



Wheel Deal Platform: 8" - 32" Availability: Nucleus with 3 or 4 Wheels (ages 5-12 only)



90° Overhead Platform: 8" - 32" Availability: Nucleus as Triangle or Ring Swing, Synergy as Triangle (ages 5-12 only)



Wrap-Around Loop Platform: 8" - 32" Availability: Nucleus (ages 5-12 only)



S Curve Triangle Platform: 8" - 32" Availability: Nucleus, Synergy (ages 5-12 only)



S or C Overhead Platform: 8" - 32" Availability: Nucleus as Triangle or Ring Swing, Synergy as Triangle (ages 5-12 only)



Round-A-Bout Platform: 8" - 32" Availability: Nucleus (ages 5-12 only)



Horizontal Ladder Platform: 8" - 32" Availability: Nucleus (ages 5-12 only)



S or C Horizontal Ladders Platform: 8" - 32" Availability: Nucleus as C Shaped or S (ages 5-12 only)



Horizontal Overhead Availability: Nucleus Ages 2-5 ASTM | Ages 4-5 CPSC



Description Athletic Arch Zippy Whirl or Wheel-About Triangle Traverse Plexus Overhead 12' or 18' Kid Koaster Platform 8" - 32" 8" - 32" 8" - 32" 8" - 32" 8" - 32" 8" - 32" Availability Nucleus, Intensity, Synergy (5-12 only) Nucleus, Intensity, Synergy (5-12 only) Nucleus, Intensity, Synergy (5-12 only) Nucleus (5-12 only)









 Component
 Description

 1
 Chimes Panel

 2
 Touch & Play Guitar Panel

 3
 Drum Panel

 4
 Touch & Play Setel Drum Panel

 5
 Single Large Drum Panel

 6
 Touch & Play Drum Panel

 7
 Touch & Play Piano Panel

Availability Nucleus, Symergy Nucleus, Symergy Nucleus, Symergy Nucleus, Symergy Nucleus, Symergy Nucleus, Symergy

Touch & Play Panels feature real instrument sounds! Batteries sold separately.





Bumble Bee Panel Availability: Nucleus



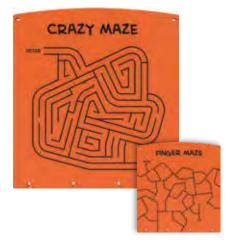
NEW Acorn Panel Availability: Synergy



Paratroop Panel Availability: Nucleus



Shapes Panel Availability: Nucleus, Synergy



Crazy Maze Panel Availability: Nucleus, Synergy



Animal Tracks Panel Availability: Nucleus



Clock Panel Availability: Nucleus



Car Panel Availability: Nucleus, Synergy



NEW Jet Panel Availability: Nucleus



Cog Wheel Panel Availability: Nucleus



Sprocket Panel Availability: Nucleus, Synergy



Gear Panel Availability: Nucleus



Rain Wheel Panel Availability: Nucleus, Synergy



Wheel of Fun Panel Availability: Nucleus



Name the States Panel Availability: Nucleus



Tic-Tac-Toe Panel Availability: Nucleus



Waver Panel Availability: Nucleus, Synergy



Rock-Paper-Scissors Panel Availability: Nucleus



Charade Panel Availability: Nucleus, Synergy



Bubble Window Availability: Nucleus, Synergy



Propeller Panel Availability: Nucleus, Synergy





Description Memory Reactions Panel 3-In-A-Row Panel Propeller Ring Panel NEW Collision Ring Panel 3-In-A-Row Ring Panel Memory Reactions Ring Panel Charade Ring Panel Waver Ring Panel

Availability Nucleus Nucleus, Synergy Nucleus, Intensity, Synergy









Sign Language Panel Availability: Nucleus



ABC/123 Panel Availability: Nucleus, Synergy



English/Spanish Panel Availability: Nucleus



NEW Crescent Chimes Panel Availability: Synergy



NEW Crescent Rain Panel Availability: Synergy



Spiral Spinner Accessible Reach Panel Availability: Nucleus



Car Accessible Reach Panel Availability: Nucleus, Synergy



Bee Accessible Reach Panel Availability: Nucleus



Drum Accessible Reach Panel Availability: Nucleus, Synergy



Clicker Activity Panel Availability: Nucleus, Intensity, Synergy



Hypno Activity Panel Availability: Nucleus, Intensity, Synergy



Raindrops Activity Panel Availability: Nucleus, Intensity, Synergy







Component

Description Novo Teardrop Table Novo Arc Bench NEW Lil' Novo Bean Table NEW Lil' Novo Bean Bench NEW Synergy Counter NEW Synergy Doorway

N/A 0" - 24" N/A 0" - 26" N/A N/A

Platform

Availability Nucleus, Intensity Nucleus, Intensity Synergy Synergy Synergy Synergy



Burke Mart Platform: Below 56" and 72" - 112" Availability: Nucleus



Counter Platform: Below 48" - 112" Availability: Nucleus



Cruiser™ Platform: 16″ Also Available Freestanding. See page 152.



Swift Glider Availability: Intensity (ages 5-12 only)



Rapid Rails Availability: Intensity and Nucleus as Banister Rail (ages 5-12 only)



Sliding Pole Platform: 32" - 72" (ages 5-12 only) Availability: Nucleus, Synergy



Extreme Cyclone Availability: Nucleus, Intensity, Synergy (ages 5-12 only) Also available as Fierce Cyclone



Fun Phone Availability: Nucleus, Intensity, Synergy



Telescope Availability: Nucleus and Synergy for Pipe Wall and Nucleus for Balcony



Crunch Bar Availability: Nucleus



Post Mounted Bell Availability: Nucleus, Intensity, Synergy

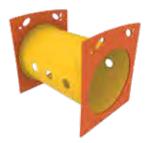


Steering Wheel Availability: Nucleus, Synergy for Pipe Wall or Post Mounted



 Play System Components

 Tunnels, Bridges & Platforms



Straight Tunnel Platform: 8" - 112" Availability: Nucleus, Synergy



S-Tunnel Platform: 8" - 112" Availability: Nucleus, Synergy in 0", 16" or 24" Transitions

Arch Tunnel Platform: 8" - 112" Availability: Nucleus, Synergy



90 Tunnel Platform: 8" - 112" Availability: Synergy in 8" Transition



Buckle Bridge Availability: Nucleus with Barrier or Guardrail (shown)



EW!

Arch Bridge (Long or Mini) Availability: Nucleus, Synergy with Barrier (shown) or Guardrail



Straight Bridge Availability: Nucleus with Barrier (shown) or Guardrail



Narrow Stairway with Barrier Platform: 64", 72" and 96" Availability: Nucleus



NaturePlay Transfer Stump Platform: 32" - 48" Availability: Nucleus



ADAAG Ramp Availability: Nucleus in 8' or 12' with Guardrail or Barrier



90° Platform Availability: Nucleus

PLATFORMS

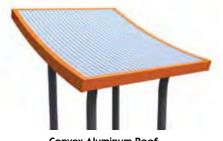
Burke's oversized, non-slip platforms are constructed of heavy-duty punched steel that can support more than 2 tons. Our vinyl coating is California compliant, free of lead and other hazardous heavy metals.



Fall absorbing material must be placed under and around all play equipment. Adult supervision is recommended.

BCIBURKE.COM





Convex Aluminum Roof Availability: Nucleus





Steel Peak Roofs Availability: Nucleus Square, Hexagon (shown), Half-Hex or Pentagon.



NEW Elation Roof 1 Availability: Synergy



NEW Elation Roof 2 Availability: Synergy



NEW Elation Roof 3 Availability: Synergy



NEW Nucleus Evolution Square Roof Availability: Nucleus



NEW Nucleus Evolution Hex Roof Availability: Nucleus



Steel Quad Roof with Cupola Availability: Nucleus



ClubHouse Tilt Roof Availability: Nucleus



ClubHouse Hex Roof Availability: Nucleus



ClubHouse Retreat Roof Availability: Nucleus





Ara Dia Shade Available for Nucleus and Intensity



Ara Poly Shade Available for Nucleus and Intensity



Ara Square Shade Availability: Nucleus, Intensity



Square ShadePlay Canopy Availability: 12' x 12' - Nucleus, Intensity, Synergy 15' x 15' - Nucleus, Intensity, Synergy Single Post 12' x 12' - Nucleus, Intensity Single Post 15' x 15' - Nucleus, Intensity



Hexagon ShadePlay Canopy Availability: Nucleus, Intensity, Synergy Hexagon on a Triangle ShadePlay Canopy Availability: Nucleus, Intensity



Rectangle ShadePlay Canopy Availability: 15' x 19' - Nucleus, Intensity



Petal Post Topper Availability: Nucleus, Intensity, Synergy



Triple Petal Post Topper Availability: Nucleus, Intensity



Evergreen Post Topper Availability: Nucleus, Intensity



Pennant Post Topper Availability: Nucleus, Intensity



Flag Post Topper Availability: Nucleus, Intensity



Butterfly Post Topper Availability: Nucleus, Intensity



2





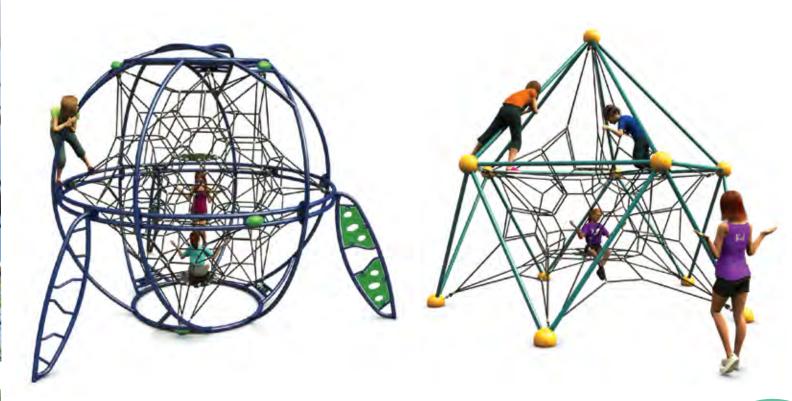
Component 2 3 4 5

Description Ara Clover Shade Ara Chi Shade Ara Hex Shade Solis Hue Toppers Solis Toppers

Availability Nucleus, Intensity Nucleus, Intensity Nucleus, Intensity Nucleus, Intensity Nucleus, Intensity



14' 11" (4.6m) ASTM & CPSC Fall Height 32' x 33' (9.8m x 10.1m) ASTM Use Zone



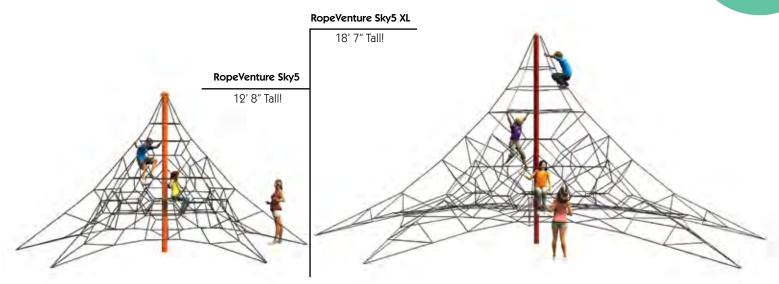
RopeVenture Revolv

Ages 5-12 24 Kid Capacity | 12' 11" (4m) Overall Height 6' 6" (2m) ASTM, 12' 11" (4m) CPSC Fall Height 29' x 31' (8.9m x 9.5m) ASTM Use Zone Contact your Burke Representative for more details.

RopeVenture Vertex 560-0597

\$16,700* | Ages 5-12 55 Kid Capacity | 13' 6" (4.2m) Overall Height 7' 9" (2.4m) ASTM, 14' 3" (4.4m) CPSC Fall Height 28' x 28' (8.6m x 8.6m) ASTM Use Zone





RopeVenture Sky5 560-0598 \$16,700* | Ages 5-12 38 Kid Capacity | 13' 3" (4.1m) Overall Height 7' (2.2m) ASTM, 12' 10" (4m) CPSC Fall Height 36' x 38' (11m x 11.6m) ASTM Use Zone Optional Perch Seats available and sold separately. Contact your Burke Representative for more details.

RopeVenture Sky5 XL 560-0586 \$23,300* | Ages 5-12 44 Kid Capacity | 19' 2" (5.m) Overall Height 7' (2.2m) ASTM, 18' 9" (5.8m) CPSC Fall Height 54' x 57' (16.5m x 17.4m) ASTM Use Zone



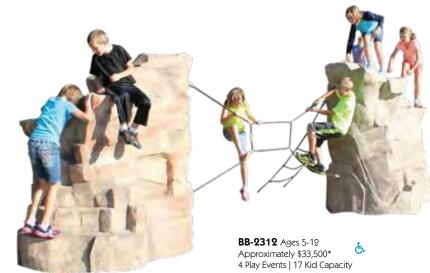


 Freestanding NaturePlay

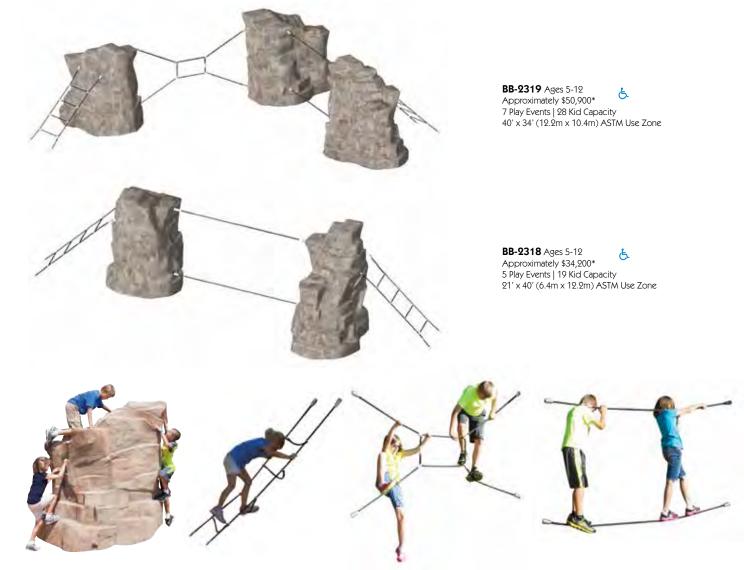
 RockVenture
 560-0560

 \$13,336* | Ages 5-12
 5

 1 Play Event | 6 Kid Capacity
 19' x 18' (5.8m x 5.5m) ASTM Use Zone



34' x 23' (10.4m x 7.1m) ASTM Use Zone



NaturePlay RockVenture Platform: 48", 56", 64" and 72" Availability: Nucleus RockVenture Suspension Ladder Availability: RockVenture RockVenture Criss-Cross Link Availability: Nucleus, RockVenture

RockVenture Traverse Link Availability: Nucleus, RockVenture

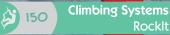
*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

CONNECT TO A BURKE PLAY STRUCTURE OR BUILD A FREESTANDING PLAY EVENT!



Climbing Systems RockVenture

149 😫





CONNECT TO A BURKE PLAY STRUCTURE OR BUILD A FREESTANDING PLAY EVENT!



RockIt[®] Offset Panel Availability: Nucleus, Intensity



Rocklt Odyssey Link Availability: Rocklt Panels



Rockit Curved Panel Availability: Nucleus, Intensity



RockIt Lateral Link Availability: RockIt Panels



Rockit End Panel Availability: Nucleus, Intensity



Rocklt Core Link Availability: Rocklt Panels



Rockit Curved Ladder Availability: Rockit Panels



Rockit End Ladder Availability: Rockit Panels

* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.



Rockit Left Platform: 48", 56" and 72" Availability: Nucleus



Rocklt Right Platform: 48", 56" and 72" Availability: Nucleus



BB-1926 Ages 5-12 Approximately \$9,700* 4 Play Events | 21 Kid Capacity 24' x 24' (7.4m x 7.4m) ASTM Use Zone



BB-2048 Ages 5-12 Approximately \$6,200* 5 Play Events | 14 Kid Capacity 18' x 24' (5.5m x 7.4m) ASTM Use Zone



 Rockit Tunnel
 Ages 2-12

 560-0544 | \$3,612*
 \$

 1 Play Event | 8 Kid Capacity
 19' x 21' (5.8m x 6.4m) ASTM Use Zone



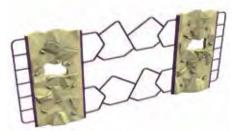
BB-1930 Ages 2-12 Approximately \$2,400* 2 Play Events | 4 Kid Capacity 14' x 19' (4.3m x 5.8m) ASTM Use Zone



BB-1931 Ages 5-12 Approximately \$4,400* 3 Play Events | 8 Kid Capacity 14' x 22' (4.3m x 6.7m) ASTM Use Zone



BB-1932 Ages 5-12 Approximately \$4,700* 5 Play Events | 14 Kid Capacity 15' x 29' (4.6m x 6.7m) ASTM Use Zone



BB-1977 Ages 5-12 Approximately \$5,500* 5 Play Events | 16 Kid Capacity 14' x 29' (4.3m x 8.9m) ASTM Use Zone



 BB-1995
 Ages 2-12

 Approximately \$2,900*
 5

 3 Play Events | 8 Kid Capacity
 14' x 26' (4.3m x 8m) ASTM Use Zone



BB-1976 Ages 5-12 Approximately \$7,000* 5 Play Events | 16 Kid Capacity 14' x 29' (4.3m x 8.9m) ASTM Use Zone

.CA

CONNECT TO A BURKE PLAY STRUCTURE OR BUILD A FREESTANDING PLAY EVENT!

4

1



Plexus Rung Climber Availability: Nucleus, Intensity, Plexus Overhead



Plexus Tangle Climber Availability: Nucleus, Intensity, Plexus Overhead



Plexus Hole Climber Availability: Nucleus, Intensity, Plexus Overhead



Plexus Step Climber Availability: Nucleus, Intensity, Plexus Overhead



*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. **Warning:** Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

NEW!

CONNECT TO A BURKE PLAY STRUCTURE OR BUILD A FREESTANDING MUSIC PLAYSPACE!

Music Play PlayEnsemble

154







5





4









PLAYENSEMBLE® Availability: Nucleus, Intensity G

Product ID	Description	Ages	Capacity
570-0413	PlayEnsemble Supine Chimes	2-12	2 kids
570-0411	PlayEnsemble Supine Chimes Hue	2-12	2 kids
570-0412	PlayEnsemble Terra Metallophone	2-12	2 kids
570-0410	PlayEnsemble Titan Chimes	2-12	2 kids
560-0055	PlayEnsemble Cirque Drum V	2-12	2 kids
560-0056	PlayEnsemble Cirque Drum IV	2-12	1 kid
560-0057	PlayEnsemble Cirque Drum III	2-12	1 kid
560-0058	PlayEnsemble Cirque Drum II	2-12	1 kid
560-0059	PlayEnsemble Cirque Drum I	2-12	1 kid



CONNECT TO A BURKE PLAY STRUCTURE OR BUILD A FREESTANDING MUSIC PLAYSPACE!







Snare Drum Availability: Nucleus, Intensity, Synergy





Touch & Play Piano Availability: Nucleus, Intensity, Synergy





Rain Wheel & Drum Availability: Nucleus, Intensity, Synergy





Touch & Play Guitar Availability: Nucleus, Intensity, Synergy





Touch & Play Drum Availability: Nucleus, Intensity, Synergy





Tom-Tom Drums Availability: Nucleus, Intensity, Synergy



BB-2339 Ages 2-12 Approximately \$4,100* 2 Play Events | 8 Kid Capacity



BB-2337 Ages 2-12 Approximately \$4,800* 2 Play Events | 8 Kid Capacity



BB-2320 Ages 2-12 BB-2320 Ages 2-12 Approximately \$5,900* 2 Play Events | 8 Kid Capacity

im lin II

BB-2336 Ages 2-12 Approximately \$4,000* 5 3 Play Events | 12 Kid Capacity

BB-2767 Ages 2-12 Approximately \$8,700* 3 Play Events | 12 Kid Capacity

Tom-Tom



3 Play Events | 12 Kid Capacity

Music Play

Sound Garden

5

157

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





<image>

MOTION PLAY &

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	560-2579	Volta Inclusive Spinner with Speed Limiter	2-12	9 kids	20' (6.1m) diameter	\$6,021
2	560-0457	Swift Twist Spinner	2-12	1 kid	14' (4.3m) diameter	\$1,168
3	560-0576	REV8 Rotating Climber	5-12	25 kids	25' (7.6m) diameter	\$17,858
4	560-2610	NEW Spinetic with Speed Limiter	5-12	8 kids	18' (5.5m) diameter	Contact us
not pictured	560-2611	NEW Spinetic	5-12	8 kids	24' (7.4m) diameter	Contact us
5	560-0532	Orbitron	5-12	8 kids	20' (6.1m) diameter	\$3,104
6	560-0538	Daisy Spinner	2-12	1 kid	14' (4.3m) diameter	\$633
7	560-2573	KidForce Spinner	2-12	1 kid	14' (4.3m) diameter	\$730
8	560-2589	Comet II	5-12	6 kids	16' (4.8m) diameter	\$1,808
not pictured	560-2586	Comet I	5-12	6 kids	16' (4.8m) diameter	\$1,808

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls. BCIBURKE.COM





MOTION PLAY

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	550-0197	ZipVenture® Freedom	5-12	1 kid	93' x 23' (28.4m x 7.1m)	\$14,899
not pictured	550-0198	ZipVenture Freedom Add-On Bay	5-12	1 kid	93' x 40' (28.4m x 12.2m)	\$13,871
not pictured	550-0200	ZipVenture Duo	5-12	1 kid	93' x 23' (28.4m x 7.1m)	\$13,871
2	550-0199	ZipVenture Duo Add-On Bay	5-12	1 kid	93' x 40' (28.4m x 12.2m)	\$12,844
3	550-0190	75' (22.9m) ZipVenture (not accessible)	5-12	1 kid	101' x 26' (30.8m x 8m)	\$13,964
not pictured	550-0180	100' (30.5m) ZipVenture (not accessible)	5-12	1 kid	126' x 26' (38.4m x 8m)	\$14,298
4	560-0042	Inclusive Orbit	5-12	6 kids	19' (5.8m) diameter	\$11,303
5	570-2676	Orb™ Rocker	2-12	8 kids	23' x 16' (7.1m x 4.8m)	\$6,950
6	560-0562	Cruiser (requires a 16" berm, not included)	2-12	12 kids	20' x 23' (6.1m x 7.1m)	\$13,449
7	560-0044	8' (2.5m) Carousel with Speed Limiter	2-12	8 kids	20' (6.1m) diameter	\$4,816
not pictured	560-0045	6' (1.6m) Carousel with Speed Limiter	2-12	6 kids	18' (5.5m) diameter	\$3,989

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



ROCKERS & RIDERS &

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	See above	Animal Rockers	2-12	1 kid	16' x 13' (4.9m x 4m)	\$1,079
2	570-0769	Motorcycle	2-12	1 kid	16' x 13' (4.9m x 4m)	\$1,215
3	570-0767	Fire Truck	2-12	2 kids	16' x 13' (4.9m x 4m)	\$1,740
4	See page 163	Themed Riders	2-12	1 kid	16' x 13' (4.9m x 4m)	\$1,215
5	570-0771	Tri-Rider	2-12	3 kids	21' (6.4m) diameter	\$3,911
		Choose 3 Themed Riders from	n above or to the rig	nt to create your custom	Tri-Rider!	
not pictured	570-0016	Recycled Rubber Mat	N/A	N/A	N/A	\$176

Freestanding Play Motion Play







1 Pony 570-2683





(4) Race Car 570-0766



2 Motorcycle 570-0769



3 Fire Truck 570-0767



4 Helicopter 570-0823



(4) Bull 570-0824



(4) Police Car 570-0836



4 Bison 570-0825



(4) Ambulance 570-0837



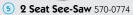


Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.











3 Standing Rocker 570-0054



7 4 Seat See-Saw 570-0777

MOTION PLAY

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	570-2680	Meta Rocker	2-12	1 kid	14' x 13' (4.3m x 4m)	\$1,017
2	570-0770	Dynamic Surfer	2-12	2 kids	14' x 16' (4.3m x 4.9m)	\$1,349
3	570-0054	Standing Rocker	2-12	2 kids	15' x 21' (4.6m x 6.4m)	\$2,071
4	570-0055	2 Seat Rocker	2-12	2 kids	13' x 19' (4m x 5.8m)	\$1,650
not pictured	570-2679	2 Seat Rocker 2-5	2-5	2 kids	13' x 19' (4m x 5.8m)	\$1,650
5	570-0774	2 Seat See-Saw	2-5	2 kids	18' x 14' (5.5m x 4.3m)	\$1,420
6	570-0053	4 Seat Rocker	2-12	4 kids	13' x 22' (4m x 6.7m)	\$2,196
7	570-0777	4 Seat See-Saw	2-12	4 kids	23' x 23' (7.1m x 7.1m)	\$3,406



SWINGS THAT MOVE YOU (SEATS INCLUDED)

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
8	550-0195	AirVenture® Glider Patent Pending	5-12	4 kids	33' x 27' (10.1m x 8.3m)	\$5,343
not pictured	550-0196	AirVenture Glider Add-On Bay	5-12	4 kids	33' x 27' (10.1m x 8.3m)	\$6,191
9	550-0186	Volito Multi-User Swing	2-12	4 kids	30' x 27' (9.2m x 8.3m)	\$6,061
10	550-0187	Volito Add-On Bay	2-12	4 kids	30' x 27' (9.2m x 8.3m)	\$6,910
not pictured	550-0188	Volito Multi-User Swing with Stainless Steel Chains	2-12	4 kids	30' x 27' (9.2m x 8.3m)	\$6,061



SWINGS THAT MOVE YOU (SEATS INCLUDED)

Number	Proc
1	550
not pictured	550
2	550
not pictured	550
3	550
not pictured	550
4	550

duct ID 0-0137 0-0138 0-0097 0-0098 0-9011 0-9111 0-0141

Description 5" (12.7cm) Arch Tire Swing** 5" (12.7cm) Arch Tire Swing Added Bay**

5" (12.7cm) Double Post Tire Swing 5" (12.7cm) Double Post Tire Swing Added Bay T-Swing with Galvanized Chains (Ages 2-5 only)** T-Swing with PVC Chains (Ages 2-5 only)** Tot Swing (Ages 2-5 only.)**

Beam Height	ASTM Use Zone
7' (2.2m)	23' x 30' (7.1m x 9.2m)
7' (2.2m)	N/A
7' (2.2m)	23' x 30' (7.1m x 9.2m)
7' (2.2m)	N/A
7' (2.2m)	24' x 23' (7.3m x 7.1m)
7' (2.2m)	24' x 23' (7.3m x 7.1m)
N/A	19' x 17' (5.8m x 5.2m)

Quickship Limit 3 on 10 Business days

Limit 3 on 10 Business days Quickship not available Quickship not available Limit 3 on 10 Business days Limit 3 on 10 Business days Limit 3 on 10 Business days

Price*

\$3,497

\$2,516

\$3,707

\$3,147

\$1,523

\$1,610

\$1,085

SWING SELECTION

STEP I: Choose your Swing Frame from selection below. STEP 2: Choose your Swing Seats from page 169. STEP 3: Swing!





6 5" Arch Swing with Single Seat Frame 550-0177



5" Single Post Swing 550-0093



8 5" Single Post Swing with Single Seat Frame 550-0178

ARCH & SINGLE POST SWINGS (SEATS SOLD SEPARATELY) &

Number	Product ID	Description	Beam Height	ASTM Use Zone	Price*	Quickship
not pictured	550-0158	3½" (8.9cm) Arch Swing	8' (2.5m)	32' x 24' (9.8m x 7.4m)	\$1,631	Limit 3 on 10 Business days
not pictured	550-0159	3½" (8.9cm) Arch Swing Added Bay	8' (2.5m)	N/A	\$1,032	Limit 3 on 10 Business days
5	550-0135	5" (12.7cm) Arch Swing	8' (2.5m)	32' x 24' (9.8m x 7.4m)	\$2,435	Limit 3 on 10 Business days
not pictured	550-0136	5" (12.7cm) Arch Swing Added Bay	8' (2.5m)	N/A	\$1,636	Limit 3 on 10 Business days
6	550-0177	5" (12.7cm) Arch Swing with Single Seat Frame	8' (2.5m)	32' x 20' (9.8m x 6.1m)	\$2,435	Limit 3 on 10 Business days
not pictured	550-0189	5" (12.7cm) Arch Swing with Single Seat Frame Added Bay	8' (2.5m)	N/A	\$1,585	Limit 3 on 10 Business days
7	550-0093	5" (12.7cm) Single Post Swing	8' (2.5m)	32' x 24' (9.8m x 7.4m)	\$1,118	Quickship not available
not pictured	550-0094	5" (12.7cm) Single Post Swing Added Bay	8' (2.5m)	N/A	\$949	Quickship not available
8	550-0178	5" (12.7cm) Single Post Swing with Single Seat Frame	8' (2.5m)	32' x 20' (9.8m x 6.1m)	\$1,118	Quickship not available
not pictured	550-0185	5" (12.7cm) Single Post Swing with Single Seat Frame Added Bay	8' (2.5m)	N/A	\$949	Quickship not available



SWING SELECTION

STEP 1: Choose your Swing Frame from selection below. STEP 2: Choose your Swing Seats from page 169. STEP 3: Swing!



TRADITIONAL SWINGS (SEATS SOLD SEPARATELY)

Number	Product ID	Description	ASTM Use Zone
1	550-0025	8' (2.5m) Traditional, Two-Way End Supports	32' x 28' (9.8m x 8.6m)
not pictured	550-0023	10' (3.1m) Traditional, Two-Way End Supports	40' x 29' (12.2m x 8.9m
2	550-0021	8' (2.5m) Traditional, Three-Way End Supports	32' x 33' (9.8m x 10.1m
not pictured	550-0019	10' (3.1m) Traditional, Three-Way End Supports	40' x 37' (12.2m x 11.3m
not pictured	550-0022	8' (2.5m) Traditional Added Bay (Not Pictured)	N/A
not pictured	550-0020	10' (3.1m) Traditional Added Bay	N/A

	Price*	Quickship
m)	\$1,087	Limit 3 on 10 Business day
m)	\$1,147	Limit 3 on 10 Business day
m)	\$1,415	Limit 3 on 10 Business day
3m)	\$1,486	Limit 3 on 10 Business day
	\$702	Limit 3 on 10 Business day
	\$735	Limit 3 on 10 Business day



Contemporary Three-Way End Support Swing 550-0127

CONTEMPORARY SWINGS (SEATS SOLD SEPARATELY)

Number	Product ID
3	550-0123
not pictured	550-0125
4	550-0127
not pictured	550-0128
not pictured	550-0124
not pictured	550-0126

Description 8' (2.5m) Contemporary, Two-Way End Supports 10' (3.1m) Contemporary, Two-Way End Supports 8' (2.5m) Contemporary Three-Way End Supports 10' (3.1m) Contemporary Added Bay 10' (3.1m) Contemporary Added Bay

ASTM Use Zone	Price*
32' x 26' (9.8m x 8m)	\$1,134
40' x 26' (12.2m x 8m)	\$1,191
32' x 33' (9.7m x 10.1m)	\$1,494
40' x 35' (12.2m x 10.7m)	\$1,583
N/A	\$745
N/A	\$758

c	Quickship
Limit 3 o	n 10 Business day
Limit 3 o	n 10 Business day
Limit 3 o	n 10 Business day
Limit 3 o	n 10 Business day
Limit 3 o	n 10 Business day
Limit 3 o	n 10 Business day



Freestanding Play Swings **.** 169

SWING SEAT SELECTION &

	2	WING SEAT SET	LECTION	G.
		Konnection Swing		
Madal #	Canto	Patent Pending	,	Drice*
Model # 550-0191	Seats	Beam Height 8' (2.5m)	Chains Yes	Price* \$1,288
000 0171	·	Quickship not available	, 65	+ 1/200
Model #	Seats	Freedom Inclusive Sv Beam Height	Chains	Price*
550-0171	1	8' (2.5m)	Yes	\$921
550-0172	1	8' (2.5m)	Yes-PVC	\$1,013
550-0175	2	8' (2.5m)	Yes	\$1,843
550-0176	2	8' (2.5m)	Yes-PVC	\$2,029
		Quickship not available	~ ~ †	
Model #	Seats	Beam Height	Chains	Price*
049-0072	1	N/A	No	\$71
550-0107	1	7' (2.2m) or 8' (2.5m)	Yes	\$126
550-0108	2	7' (2.2m) or 8' (2.5m)	Yes	\$253
550-0109	1	7' (2.2m) or 8' (2.5m)	Yes-PVC	\$165
550-0110	2	7' (2.2m) or 8' (2.5m)	Yes-PVC	\$329
550-0119	1	10' (3.1m)	Yes	\$134
550-0120	2	10' (3.1m)	Yes	\$266
550-0121	1	10' (3.1m)	Yes-PVC	\$212
550-0122	2	10' (3.1m)	Yes-PVC	\$424
		Molded Rubber	Seat	
Model #	Seats	Beam Height	Chains	Price*
018-0022	1	N/A	No	\$38
550-0103	1	7' (2.2m)	Yes	\$92
550-0104	2	7' (2.2m)	Yes	\$179
550-0105	1	7' (2.2m)	Yes-PVC	\$135
550-0106	2	7' (2.2m)	Yes-PVC	\$270
550-0111	1	8' (2.5m)	Yes	\$96
550-0112	2	8' (2.5m)	Yes	\$187
550-0113	1	8' (2.5m)	Yes-PVC	\$133
550-0114	2	8' (2.5m)	Yes-PVC	\$264
550-0115	1	10' (3.1m)	Yes	\$101
550-0116	2	10' (3.1m)	Yes	\$202
550-0117	1	10' (3.1m)	Yes-PVC	\$179
550-0118	2	10' (3.1m)	Yes-PVC	\$359
		Molded Rubber To	t Seat	
Model #	Seats	5 Beam Height	Chains	Price*
018-0025	1	N/A	No	\$171
550-0099	1	7' (2.2m) or 8' (2.5m)	Yes	\$172
550-0100	2	7' (2.2m) or 8' (2.5m)	Yes	\$342
550-0101	1 9	7' (2.2m) or 8' (2.5m)	Yes-PVC	\$214
550-0102	2	7' (2.2m) or 8' (2.5m)	Yes-PVC	\$428
		r 1) I		
2		4 1		
2		Z.		£.
	-		-	
(3	5		4
Q3 No	Limit on 3-bi	usiness day Quickship on Polyethylene, M	olded Rubber or Molde	ed Rubber Tot Seat.
		Replacement Pa	rts	
Model #		Description		Price*
009-0018		S-Hook for Swings		\$2.35
031-0033		S-Hook Closer		\$462
009-0095		Chain		\$3.22/ft.

009-0018	S-Hook for Swings	\$2.35
031-0033	S-Hook Closer	\$462
009-0095	Chain	\$3.22/ft.
550-0061	2 3/8" (6cm) O.D. Hanger	\$48
550-0054	3 1/2" (9cm) O.D. Hanger	\$92
550-0146	Swing Hanger, Anti-Wrap 31/2" (9cm) with Hardware - 1 Bay	\$536
550-0147	Swing Hanger, Anti-Wrap 23/8" (6cm) with Hardware - 1 Bay	\$492
550-0148	Swing Hanger, Anti-Wrap $31/_2$ " (9cm) with Hardware	\$142
550-0149	Swing Hanger, Anti-Wrap 23/8" (6cm) with Hardware	\$130
046-0314	Clevis Shackle with Bolt	\$9.82
046-0291	Loctite	\$7.00
046-0297	Shackle Pendulum	\$19.20
046-0319	"H" Shackle with Bolt	\$15.68

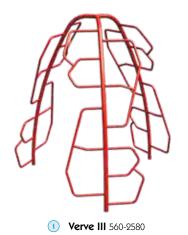
For more information on Swing Replacement Parts contact Customer Service at 800-356-2070.





VERVE® CLIMBERS

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	560-2580	Verve III	5-12	6 kids	20' x 21' (6.1m x 6.4m)	\$2,271
2	560-2583	Verve IV	5-12	9 kids	21' x 21' (6.4m x 6.4m)	\$3,035
3	560-2584	Verve V	5-12	13 kids	23' x 23' (7.1m x 7.1m)	\$3,822
4	560-2581	Verve VI	5-12	14 kids	24' x 24' (7.4m x 7.4m)	\$4,653
5	560-2585	Verve VI Arch	5-12	15 kids	21' x 24' (6.4m x 7.4m)	\$4,564
6	560-2594	Verve III XS	2-5 or 5-12	5 kids	19' x 19' (5.8m x 5.8m)	\$1,541
7	560-2593	Verve IV XS	2-5 or 5-12	7 kids	21' x 21' (6.4m x 6.4m)	\$2,055
8	560-2592	Verve V XS	2-5 or 5-12	11 kids	22' x 22' (6.7m x 6.7m)	\$2,826
9	560-2590	Verve VI XS	2-5 or 5-12	11 kids	24' x 24' (7.4m x 7.4m)	\$3,391
10	560-2591	Verve VI Arch XS	2-5 or 5-12	12 kids	21' x 24' (6.4m x 7.4m)	\$3,288





2 Verve IV 560-2583

Verve V 560-2584

(4) Verve VI560-2581







6 Verve III XS 560-2594



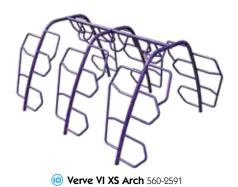
7 Verve IV XS 560-2593



8 Verve V XS 560-2592



9 Verve VI XS 560-2590



Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





7 Triple Verto Climber BB-2465



(9 NaturePlay Boulder - Large 560-0430



(III) Ant Hill Climber 560-0572



Triple Twist N' Turn Climber 560-0451



(io) NaturePlay Boulder - Small 560-0429



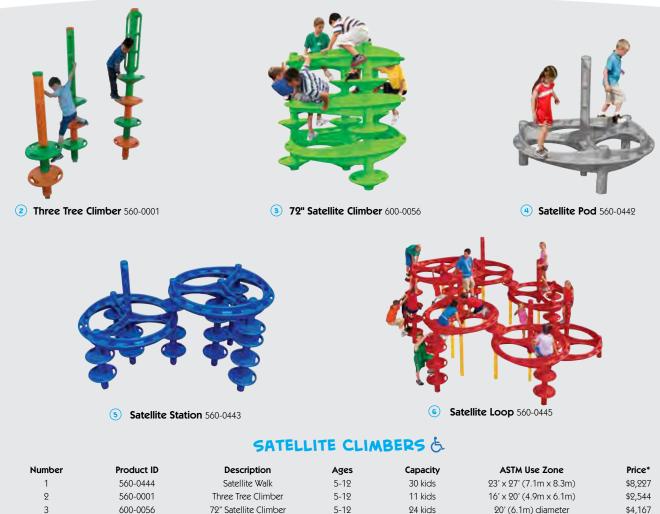
Sky Pods 3D-942

FREESTANDING CLIMBERS

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	NU-2440	Trigon Tower	5-12	9 kids	19' x 19' (5.8m x 5.8m)	\$7,744
2	560-0573	Wobbly Web	2-12	10 kids	23' (7.1m) diameter	\$6,987
3	560-0464	Spider Web	5-12	3 kids	19' x 16' (5.8m x 4.9m)	\$2,708
4	370-1602	Cargo Climber	5-12	1 kid	18' x 21' (5.5m x 6.4m)	\$4,826
5	370-1603	Pipe Climber	5-12	1 kid	14' x 16' (4.3m x 4.9m)	\$1,043
6	560-0533	Alpine Climber	5-12	12 kids	18' x 20' (5.5m x 6.1m)	\$5,264
7	BB-2465	Triple Verto Climber	5-12	9 kids	21' x 20' (6.4m x 6.1m)	\$7,374
8	560-0451	Triple Twist N' Turn Climber	5-12	18 kids	25' x 24' (7.6m x 7.4m)	\$2,417
9	560-0430	NaturePlay Boulder - Large	5-12	22 kids	23' x 20' (7.1m x 6.1m)	\$18,581
10	560-0429	NaturePlay Boulder - Small	2-12	18 kids	23' x 20' (7.1m x 6.1m)	\$6,143
11	560-0572	Ant Hill Climber	2-12	6 kids	20' x 15' (6.1m x 4.6m)	\$2,103
12	3D-942	Sky Pods	2-12	8 kids	23' x 16' (7.1m x 4.9m)	\$3,735

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





2-12

2-12

5-12

5-12

BCIBURKE.COM

48" Satellite Climber

Satellite Pod

Satellite Station

Satellite Loop

600-0057

560-0442

560-0443

560-0445

not pictured 4

5

6

* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

16 kids

9 kids

24 kids

60 kids

Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

20' (6.1m) diameter

18' (5.5m) diameter

19' x 24' (5.8m x 7.4m)

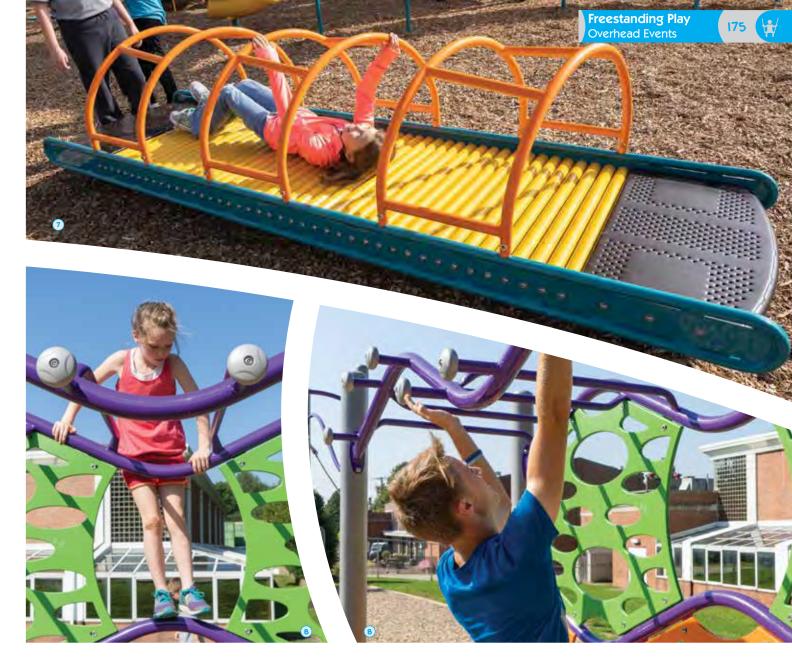
28' x 30' (8.6m x 9.2m)

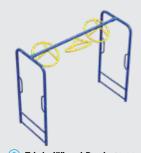
\$3,132

\$1,642

\$6,579

\$13,161





• Triple Wheel Deal 560-0450

Product ID

560-2601

FIT-2830

560-0450

560-0032

670-0387

670-0388

670-0389

670-0390

Number

7

8

9

10

11

Not pictured 12

Not pictured



(0) Rally Round 560-0032

(III) 12' Single Kid Koaster 670-0387



(2) 12' Dual Kid Koaster 670-0389

FREESTANDING OVERHEAD EVENTS

Description Roller Table Door Knob Jam Triple Wheel Deal Overhead Rally Round 12' (3.7m) Single Kid Koaster 18' (5.5m) Single Kid Koaster 12' (3.7m) Dual Kid Koaster 18' (5.5m) Dual Kid Koaster

Ages	Capacity	ASTM Use Zone	Price*
2-12	4 kids	23' x 15' (7.1m x 4.6m)	\$11,816
5-12	3 kids	23' x 16' (7.1m x 4.9m)	\$10,052
5-12	3 kids	16' x 21' (4.9m x 6.4m)	\$2,611
5-12	18 kids	21' x 23' (6.4m x 7.1m)	\$2,703
5-12	1 kid	26' x 15' (8m x 4.6m)	\$3,360
5-12	1 kid	32' x 16' (9.8m x 4.9m)	\$3,839
5-12	2 kids	26' x 18' (8m x 5.5m)	\$6,094
5-12	2 kids	32' x 18' (9.8m x 5.5m)	\$7,052



TUNNELS, PODS & BALANCE BEAMS &

Number	Product ID	Description	Ages	Capacity	ASTM Use Zone	Price*
1	580-1357	S Tunnel (30" diameter)	2-12	4 kids	18' x 18' (5.5m x 5.5m)	contact us
2	580-1360	Arch Tunnel (30" diameter)	2-12	2 kids	16' x 18' (4.9m x 5.5m)	contact us
3	560-0459	Dynamic Pad	2-12	2 kids	14' x 16' (4.3m x 4.9m)	\$612
4	560-0453	8" - 16" Step Spot Pod	2-12	1 kid	14' (4.3m) diameter	\$288
not pictured	560-0458	20" - 30" Step Spot Pod	5-12	1 kid	14' (4.3m) diameter	\$288
5	560-0448	Hop Spot Pod	5-12	1 kid	14' (4.3m) diameter	\$443
6	370-1604	Balance Challenge	2-12	2 kids	23' x 13' (7m x 4m)	\$1,394
not pictured	590-0386	Z Balance Beam	2-12	4 kids	20' x 17' (6.1m x 5.2m)	\$562
not pictured	590-0058	S Balance Beam	2-12	4 kids	15' x 23' (4.6m x 7m)	\$604
not pictured	200-0045	Straight Balance Beam	2-12	4 kids	25' x 13' (7.7m x 4m)	\$503









4 Step Spot Pod 560-0453

5 Hop Spot Pod 560-0448



HILLSIDE SLIDES & CLIMBERS Contact your Local Burke Representative to create your custom Hillside play environment!



CONTACT YOUR LOCAL BURKE REPRESENTATIVE FOR ADDITIONAL FREESTANDING SLIDE OPTIONS.

* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.





Ladybug 560-0552



A NaturePlay Rock - Large 560-0556



Treasure Chest 560-0557



Binosaur Fossil Dig - Large 560-0551

NATUREPLAY® COLLECTION &

Number	Product ID	Description	Ages	Capacity	Size	Price*
1	560-0553	NaturePlay Stump - Small	2-12	1 kid	14' x 15' (4.3m x 4.6m) ASTM Use Zone	\$731
2	560-0554	NaturePlay Stump - Large	2-12	1 kid	16' (4.9m) diameter ASTM Use Zone	\$854
3	560-0555	NaturePlay Rock - Small	2-12	1 kid	16' (4.9m) diameter ASTM Use Zone	\$731
4	560-0556	NaturePlay Rock - Large	2-12	2 kids	17' (5.2m) diameter ASTM Use Zone	\$1,219
5	560-0559	NaturePlay Log Tunnel	2-12	3 kids	18' x 15' (5.5m x 4.6m) ASTM Use Zone	\$6,710
6	560-0552	Ladybug	2-12	1 kid	14' x 15' (4.3m x 4.6m) ASTM Use Zone	\$974
7	560-0557	Treasure Chest	2-12	1 kid	14' x 15' (4.3m x 4.6m) ASTM Use Zone	\$1,219
not pictured	560-0550	Dinosaur Fossil Dig - Small	2-12	4 kids	24" x 47" x 1" thick (61cm x 119.4cm x 2.6cm)	\$488
8	560-0551	Dinosaur Fossil Dig - Large	2-12	8 kids	59" x 59" x 1" thick (150cm x 150cm x 2.6cm)	\$1,342

not

* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.

EARLY PLAY CENTERS &

Number	Product ID	Description	Ages	Capacity	Play Features	Size	Price*
10	580-1286	Step 'N' Scoot Plus Firm/Stable	6-23 months	8 kids	8 features	18' x 14' (5.5 x 4.3m) ASTM Use Zone	\$2,482
	580-0286	Step 'N' Scoot Plus Firm/Stable In-Ground	6-23 months	8 kids	8 features	18' x 14' (5.5 x 4.3m) ASTM Use Zone	\$2,564
not pictured	580-1287	Step 'N' Scoot Plus SoftPlay	6-23 months	8 kids	8 features	17' x 14' (5.2m x 4.3m) ASTM Use Zone	\$2,888
	580-0287	Step 'N' Scoot Plus SoftPlay In-Ground	6-23 months	8 kids	8 features	17' x 14' (5.2m x 4.3m) ASTM Use Zone	\$2,969
11	580-1288	Kiddy Korral Plus	6-23 months	15 kids	13 features	6'2" (1.9m) x 6'11" (2.1m)	\$4,036
	580-0288	Kiddy Korral Plus In-Ground	6-23 months	15 kids	13 features	6'2" (1.9m) x 6'11" (2.1m)	\$4,319
not pictured	580-1278	Kiddy Korral	6-23 months	15 kids	12 features	6'2" (1.9m) x 6'11" (2.1m)	\$3,765
	580-0278	Kiddy Korral In-Ground	6-23 months	15 kids	12 features	6'2" (1.9m) x 6'11" (2.1m)	\$4,048
12	580-1276	Step 'N' Scoot SoftPlay	6-23 months	8 kids	7 features	17' x 14' (5.2m x 4.3m) ASTM Use Zone	\$2,619
	580-0276	Step 'N' Scoot SoftPlay In-Ground	6-23 months	8 kids	7 features	17' x 14' (5.2m x 4.3m) ASTM Use Zone	\$2,700
not pictured	580-1275	Step 'N' Scoot Firm/Stable	6-23 months	8 kids	7 features	18' x 14' (5.5 x 4.3m) ASTM Use Zone	\$2,212
	580-0275	Step 'N' Scoot Firm/Stable In-Ground	6-23 months	8 kids	7 features	18' x 14' (5.5 x 4.3m) ASTM Use Zone	\$2,294
not pictured	580-1277	Climb 'N' Crawl SoftPlay	6-23 months	8 kids	7 features	17' x 16' (5.2m x 4.9m) ASTM Use Zone	\$2,996
	580-0277	Climb 'N' Crawl SoftPlay In-Ground	6-23 months	8 kids	7 features	17' x 16' (5.2m x 4.9m) ASTM Use Zone	\$3,104
13	580-1279	Climb 'N' Crawl Firm/Stable	6-23 months	8 kids	7 features	18' x 16' (5.5m x 4.9m) ASTM Use Zone	\$3,063
	580-0279	Climb 'N' Crawl Firm/Stable In-Ground	6-23 months	8 kids	7 features	18' x 16' (5.5m x 4.9m) ASTM Use Zone	\$3,171
Note: SoftPlay Early Play Centers are intended for indoor use only.							

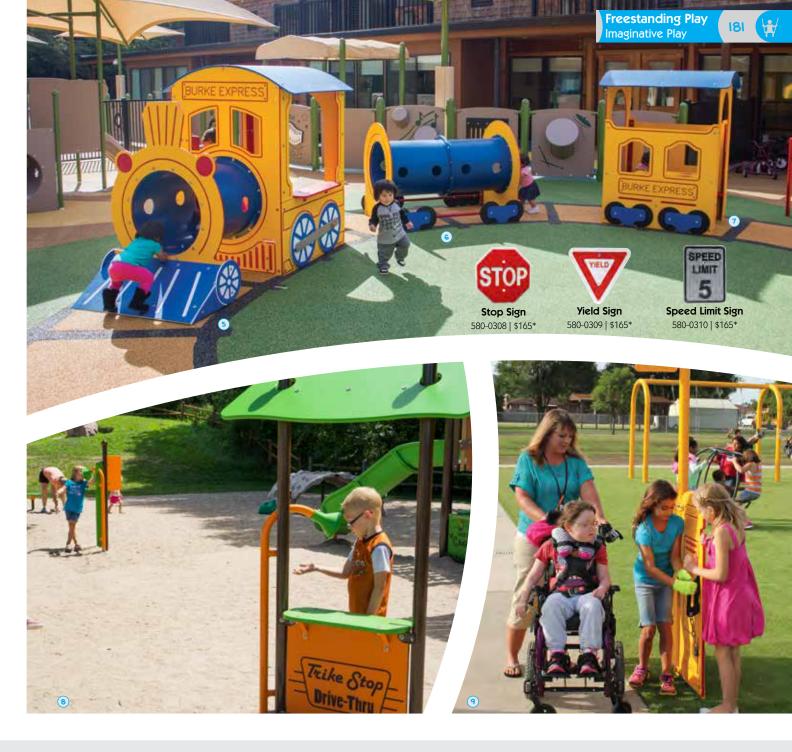






PLAY THAT MOVES YOUR IMAGINATION!

Number	Product ID	Description	Ages	Capacity	Play Features	Size	Price*	
1	560-2575	PlayHouse, Benches & Counter	2-12	12 kids	14 features	18' x 23' (5.5m x 7.1m) ASTM Use Zone	\$5,312	
2	560-2578	PlayHouse	2-12	6 kids	11 features	17' x 17' (5.2m x 5.2m) ASTM Use Zone	\$4,408 🧹	
3	560-2576	Bean Bench	2-12	2 kids	N/A	15' x 13' (4.6m x 4m) ASTM Use Zone	\$283	
4	560-2577	Bench & Counter	2-12	4 kids	N/A	17' x 14' (5.2m x 4.3m) ASTM Use Zone	\$622	A C
5	580-0319	Burke Express Engine**	2-12	10 kids	5 features	16' x 21' (4.9m x 6.4m) ASTM Use Zone	\$7,551	
6	580-0321	Burke Express Tanker	2-12	4 kids	2 features	16' x 18' (4.9m x 5.5m) ASTM Use Zone	\$2,795	
7	580-0320	Burke Express Dining Car**	2-12	6 kids	5 features	16' x 17' (4.8m x 5.2m) ASTM Use Zone	\$5,232	
not pictured	580-0322	Burke Express Sandbox Car**	2-12	10 kids	6 features	16' x 18' (4.9m x 5.5m) ASTM Use Zone	\$5,428	BIZER
8	580-1292	Drive Thru with Fun Phone	2-12	4 kids	2 features	3'10" x 1'5" x 6' (1.2m x 0.5m x 1.9m)	\$1,931	
not pictured	580-1293	Drive Thru	2-12	2 kids	1 feature	3'10" x 1'5" x 6' (1.2m x 0.5m x 1.9m)	\$1,349	
9	580-1289	Gas Station	2-12	2 kids	1 feature	3' x 1'4" x 7'6" (0.9m x 0.4m x 2.3m)	\$ 1,200	
10	580-0306	Fruit Stand Cozy Corner	2-12	7 kids	4 features	7'2" x 2'6" x 4'9" (2.2m x 0.8m x 1.5m)	\$2,304	
11	580-0307	Ice Cream Parlor Cozy Corner	2-12	7 kids	4 features	7'2" x 2'6" x 4'9" (2.2m x 0.8m x 1.5m)	\$2,304	
12	580-0245	Cottage Cozy Corner	2-12	7 kids	4 features	7'2" x 2'6" x 4'9" (2.2m x 0.8m x 1.5m)	\$2,304	io Fruit Stand
13	580-0261	Lunar Landing	2-12	13 kids	8 features	25' x 17' (7.6m x 5.2m) ASTM Use Zone	\$6,572	





(III) Ice Cream Parlor 580-0307



(2) Cottage 580-0245



Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



PLAY THAT MOVES YOUR IMAGINATION!

Number	Product ID	Description	Ages	Capacity	Play Features	Size	Price*
1	580-0289	Turtle Top**	2-12	20 kids	1 feature	N/A	\$5,132
2	580-0317	Under Sea Paint Center	2-12	4 kids	1 feature	4' wide x 5' tall (1.3m wide x 1.6m tall)	\$1,279
3	580-0166	Theater Paint Center	2-12	4 kids	1 feature	4' wide x 5' tall (1.3m wide x 1.6m tall)	\$1,279
4	580-0318	Theater Puppet Show	2-12	4 kids	1 feature	4' wide x 5' tall (1.3m wide x 1.6m tall)	\$1,279
5	580-0230	Three Drum Table	2-12	6 kids	3 features	3' x 5' (1m x 1.6m) ASTM Use Zone	\$1,263
6	580-0231	Single Drum Table	2-12	2 kids	1 feature	2' x 2' (0.6m x 0.6m) ASTM Use Zone	\$512
7	590-0063	Little Digger ADAAG †	2-12	1 kid	1 feature	18' x 18' (5.5m x 5.5m) ASTM Use Zone	\$704
8	590-0064	Little Digger †	2-12	1 kid	1 feature	18' x 18' (5.5m x 5.5m) ASTM Use Zone	\$732
9	580-1019	Rotating Sand Table	2-12	6 kids	3 features	3' x 3' (1m x 1m) ASTM Use Zone	\$1,195
10	580-0280	Single Sand or Water Table	2-12	8 kids	1 feature	4' x 4' x 25" tall (1.3m x 1.3m x 0.7m tall)	\$1,410
11	580-1290	Double Sand & Water Center	2-12	14 kids	3 features	4' x 8' x 25" tall (1.3m x 2.5m x 0.7m tall)	\$3,258
12	580-1291	Triple Sand & Water Center	2-12	18 kids	5 features	4' x 12' x 25" tall (1.3m x 3.7m x 0.7m tall)	\$5,485

**Manufactured Under USA Patent Number 7,766,755. StoneBorders included, sand sold separately. † We recommend accessible pathways so all children can access the Little Diggers.





Theater Puppet Show 580-0318





Single Drum Table 580-0231

(2) Triple Sand & Water Center 580-1291

Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



DOWNLOAD THE APP!

Download the Burke Fitness app to watch instructional videos, explore our 360° virtual tours and log your workouts!



WATCH THE VIDEO AT BCIBURKE.COM/ELEVATE







Custom Turf design shown. Contact your local Burke Representative for more information.



ELEVATE Fitness Course offers an exciting way to gain and maintain fitness, train for specific events or sports and just enjoy time outside with friends, family and neighbors. Burke offers six predesigned courses that fit into a variety of budgets and spaces. Start ELEVATING your fitness today! Visit **bciburke.com/fitness** for more information and to view all our courses.

Number	Product ID	Ages	Obstacles	Capacity	ASTM Use Zone	Price*
1	FIT-2628	5-12 and 13+	11	33 people	51' x 80' (15.6m x 24.4m)	\$87,700
2	FIT-2632	5-12 and 13+	7	24 people	32' x 78' (9.8m x 23.8m)	\$59,200
3	FIT-2769	5-12 and 13+	4	6 people	17' x 84' (5.2m x 25.6m)	\$20,500





* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: ASTM F3101-15 requires appropriate safety surfacing under fitness equipment. Contact your local Burke Representative for more information.





ACTIVATE Fitness Circuit presents an opportunity for something more. Designed to take your workout outside, the circuit provides everything you need for an entire body workout, including strength, cardiovascular, balance and agility. ACTIVATE Fitness Circuit is designed to be in a collection or placed along a trail. Visit **bciburke.com/fitness** for more information and to view all our ACTIVATE options.







Number	Product ID	Description	Ages	Events	Capacity	ASTM Use Zone	Price*
1	FIT-2676	ACTIVATE Fitness Circuit	13+	10	11 people	45' x 32' (13.7m x 9.8m)	\$19,900
2	FIT-2678	ACTIVATE Fitness Circuit	13+	7	8 people	25' x 24' (7.6m x 7.4m)	\$11,700
3	FIT-2636	ACTIVATE Fitness Circuit	13+	15	19 people	43' x 68' (13.1m x 20.8m)	\$38,500
4	FIT-2675	Core N' More	13+	4	5 people	28' x 20' (8.6m x 6.1m)	\$7,800
5	FIT-2673	Core Challenge	13+	3	4 people	21' x 18' (6.4m x 5.5m)	\$6,100
6	FIT-2681	Push N' Lift	13+	2	2 people	20 x 17' (6.1m x 5.2m)	\$4,600
7	FIT-2682	Triple P	13+	3	3 people	27' x 19' (8.3m x 5.8m)	\$6,600

* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: ASTM F3101-15 requires appropriate safety surfacing under fitness equipment. Contact your local Burke Representative for more information.







INVIGORATE™ Dynamic Fitness brings fitness outdoors and makes it more fun, more social and more invigorating! Add one or all four of these new Burke Fitness options to your outdoor fitness space and see how the option to exercise outside changes your community. INVIGORATE Dynamic Fitness can stand alone or be paired with ACTIVATE Fitness Circuit along a trail or in an outdoor gym. Add an ELEVATE Fitness Course to round out the fitness offerings and create a multigenerational space where everyone can get and stay moving together! Visit **bciburke.com/fitness** for more information.



Number	Product ID	Description	Ages	Capacity	ASTM Use Zone
1	FIT-2925	NEW INVIGORATE Strider	13+	1 person	11' x 11' (3.4m x 3.4m)
2	FIT-2924	NEW INVIGORATE Chest Press	13+	1 person	11' x 9' (3.4m x 2.8m)
3	FIT-2923	NEW INVIGORATE Elliptical	13+	1 person	15' x 11' (4.6m x 3.4m)
4	FIT-2922	NEW INVIGORATE Recumbent Bike	13+	1 person	11' x 10' (3.4m x 3.1m)





NOVO® PLAYFUL FURNITURE

Number	Product ID	Description	Capacity	ASTM Use Zone	Price	
1	580-1356	NEW Lil' Novo Bean Table (Benches sold separately)	5 kids	17' x 14' (5.2m x 4.3m)	Contact us	
2	580-1355	NEW Lil' Novo Bean Bench	1 kid	14' x 13' (4.3m x 4m)	Contact us	
3	588-1324	Novo Bike Rack	2 bikes	N/A	\$306	
	580-1324	Novo Bike Rack with Footer	2 bikes	N/A	\$418	4
4	588-1340	Novo Arch Bike Rack	2 bikes	N/A	\$192	
	580-1340	Novo Arch Bike Rack with Footer	2 bikes	N/A	\$310	
5	580-1338	Novo ClubHouse BenchClimb	4 people	15' x 15' (4.6m x 4.6m)	\$1,746	
6	580-1342	Novo Mod BenchClimb	4 people	15' x 15' (4.6m x 4.6m)	\$1,746	
7	580-1339	Novo HyLo Climb	4 kids	19' x 13' (5.8m x 4m)	\$2,256	_
8	580-1322	Novo HyLo BenchClimb	4 kids	19' x 15' (5.8m x 4.6m)	\$2,686	-



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* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.











NOVO® PLAYFUL FURNITURE

Patent Pending

Number	Product ID	Description	Capacity	ASTM Use Zone	Price*
1	580-1319	Novo Teardrop Counter Climber (Benches/Stools sold separately)	5 people	20' x 15' (6.1m x 4.6m)	\$1,245
2	580-1313	Novo Table ADAAG (Arc Benches included)	7 people	N/A	\$2,578
3	580-1341	Novo Table (Arc Benches included)	9 people	N/A	\$3,061
4	580-1312	Novo Arc Bench	2 people	14' x 15' (4.3m x 4.6m)	\$483
5	580-1346	Novo Combo Table (Benches/Stools sold separately)	7 people	16' x 21' (4.9m x 6.4m)	\$2,395
6	580-1318	Novo Arc Stool	2 people	15' x 14' (4.6m x 4.3m)	\$730
7	contact us	NEW Novo Litter Container*	N/A	N/A	Contact us
8	580-1314	Novo Bench	3 people	N/A	\$1,826
		*Available portable or stationary with dome or	flat covers.		

*Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice. Warning: Proper safety surfacing is required under and around all play equipment to help prevent injuries from falls.



Litter Container with Metal Dome Cover



Portable	Stationary	Surface Mou
580-0330	580-0329	580-0331
580-0176	N/A	N/A
580-1013	N/A	N/A
580-1010	N/A	N/A
580-0177	N/A	N/A
580-1012	N/A	N/A
580-0226	N/A	N/A
580-0173	580-0172	580-0190
580-0175	580-0174	580-0193
580-0192	580-1008	580-0191
580-0195	580-1009	580-0194



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Sit-A-Round Table



Quickship

Quickship not available Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary Limit 5 on 10 Business days on Portable or Stationary

Price*

\$634

\$969

\$1,132 \$809

\$1,146 \$1,037

\$1,078

\$532

\$621

\$350

\$376





Portable	Stationary	Surface Mount
580-0205	580-0204	580-0203
580-0208	580-0207	580-0206
580-0199	580-0198	580-0197
580-0202	580-0201	580-0200
580-1306	580-1305	580-1304
580-1309	580-1308	580-1307
Portable		Stationary
580-0181: \$43	38	580-0184: \$477
580-0179: \$33	35	580-0182: \$376
580-0188: \$44	14	580-0189: \$486

580-0183: \$498

580-0180: \$458



Description 6' (1.9m) Personalized Bench 8' (2.5m) Personalized Bench 6' (1.9m) Monogrammed Bench 8' (2.5m) Monogrammed Bench 6' (1.9m) Buddy Bench 8' (2.5m) Buddy Bench

Description

32 (121.2L) Gallon Litter Container with Flat Cover 32 (121.2L) Gallon Litter Container without Cover 32 (121.2L) Gallon Litter Container with Plastic Dome Cover 32 (121.2L) Gallon Litter Container with Metal Dome



Litter Container Plastic Dome Cover

Quickship

Price*

\$1,011 + \$75 set up

\$1,146 + \$75 set up

\$942 + \$75 set up \$1,037 + \$75 set up

\$942

\$1,037

Quickship not available Quickship not available Quickship not available Quickship not available Limit 2 on 10 Business days Limit 2 on 10 Business days Quickship

Limit 5 on 10 Business days Limit 5 on 10 Business days Limit 5 on 10 Business days Limit 5 on 10 Business days



Litter Container Flat Cover

Traditional Series Site Amenities Color Selection:



Brown

RECYCLED PLASTIC SITE AMENITIES

Product ID	Description	Size	Price*
580-0091	Recycled Plastic Table	6' (1.9m)	\$1,097
580-0094	ADAAG Recycled Plastic Table 📥	8' (2.5m)	\$1,204
580-0010	Recycled Plastic Bench	6' (1.9m)	\$528
580-0298	ClubHouse Recycled Plastic Litter Container	20 Gallon (75.7L)	\$790
580-0109	Dome Cover for ClubHouse Litter Container	N/A	\$151
	Q5 No Limit on 5-business day Quickship on Replacement Parts.		



Price*

\$4,997

\$4,997

\$4,586

\$4,586

\$5,393

\$5,393

\$4,982

\$4,982





FREESTANDING SHADE (POSTS INCLUDED)

Product ID	Description	Entry Height
560-2608	12 'x 12' Freestanding Shade with EZ Tension	10' (3.1m)
560-2609	12 'x 12' Freestanding Shade with EZ Tension	8' (2.5m)
560-0579	12' x 12' Freestanding Shade	10' (3.1m)
560-0578	12' x 12' Freestanding Shade	8' (2.5m)
560-2606	15' x 15' Freestanding Shade with EZ Tension	10' (3.1m)
560-2607	15' x 15' Freestanding Shade with EZ Tension	8' (2.5m)
560-0580	15' x 15' Freestanding Shade	10' (3.1m)
560-0577	15' x 15' Freestanding Shade	8' (2.5m)

* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.

PRESSURE TREATED & NATURAL PINE SITE AMENITIES

Product ID	Description	Size	Frame	Price*	Quickship
580-0156	ADAAG Pressure Treated Pine Table 占	8' (2.5m)	2 ¾" (6cm) O.D.	\$624	Limit 5 on 10 Business days
580-0157	Pressure Treated Pine Table	6' (1.9m)	2 ¾" (6cm) O.D.	\$601	Limit 5 on 10 Business days
580-0158	Pressure Treated Pine Table	6' (1.9m)	1 %" (4.2cm) O.D.	\$512	Limit 5 on 10 Business days
580-0161	Pressure Treated Pine Table	8' (2.5m)	2 ¾" (6cm) O.D.	\$624	Limit 5 on 10 Business days
580-0162	Pressure Treated Pine Table	8' (2.5m)	1 %" (4.2cm) O.D.	\$573	Limit 5 on 10 Business days
580-0159	Pressure Treated Pine Pedestal Table	6' (1.9m)	2 ¾" (6cm) O.D.	\$754	Quickship not available
580-0160	Pressure Treated Pine Sit-A-Round Table	N/A	2 ¾" (6cm) O.D.	\$741	Limit 5 on 10 Business days
580-0153	Pressure Treated Pine Bench	6' (1.9m)	N/A	\$327	Limit 5 on 10 Business days
580-0154	Pressure Treated Pine Multi-Use Bench	6' (1.9m)	N/A	\$278	Limit 5 on 10 Business days
580-0163	Portable Pressure Treated Pine Litter Container	20 Gallon (75.7L)	N/A	\$429	Limit 5 on 10 Business days
580-0073	Natural Pine Table	6' (1.9m)	2 ¾" (6cm) O.D.	\$533	Limit 5 on 10 Business days
580-0087	ADAAG Natural Pine Table	8' (2.5m)	2 ¾" (6cm) O.D.	\$679	Quickship not available
580-0004	Natural Pine Stationary Bench	6' (1.9m)	N/A	\$306	Limit 5 on 10 Business days
580-0136	Natural Pine Portable Bench	6' (1.9m)	N/A	\$353	Limit 5 on 10 Business days



Contemporary Bike Rack



Double Face Extra Heavy Duty Bike Rack

TRADITIONAL BIKE RACKS



Single Face Extra Heavy Duty Bike Rack

Product ID	Description	Size	Capacity	Price*	Quickship
580-0118	Stationary Galvanized Single Face Extra Heavy Duty Bike Rack	10' (3.1m)	10 bikes	\$613	Limit 5 on 5 Business days
580-0120	Portable Galvanized Single Face Extra Heavy Duty Bike Rack	10' (3.1m)	10 bikes	\$658	Limit 5 on 5 Business days
580-0110	Stationary Galvanized Double Face Extra Heavy Duty Bike Rack	10' (3.1m)	20 bikes	\$640	Limit 5 on 5 Business days
580-0112	Portable Galvanized Double Face Extra Heavy Duty Bike Rack	10' (3.1m)	20 bikes	\$685	Limit 5 on 5 Business days

CONTEMPORARY BIKE RACKS

Product ID	Description	Size	Capacity	Price*	Quickship
580-0130	Stationary Contemporary Bike Rack	7'4" (2.3m)	16 bikes	\$569	Limit 5 on 5 Business days
580-0131	Stationary Contemporary Bike Rack	5'4" (1.7m)	12 bikes	\$524	Limit 5 on 5 Business days





Description One-Piece Adjustable Single Grill Double Wide Grill



GRILLS

Size 234 in² (0.2m²) Surface Area 534 in² (0.4m²) Surface Area **Price*** \$275 \$463 Quickship Limit 5 on 5 Business days Limit 5 on 5 Business days



GAGA BALL

Product IDDescriptionCapacityPrice*Quickship590-0077GaGa Ball Pit30-35 people\$3,791Quickship not available590-0078Custom GaGa Ball Pit (shown above)30-35 people\$3,997Quickship not available

BASKETBALL PACKAGES - Includes post, backboard, goal with double rim and nylon net.

Product ID	Description	Post	Backboard	Extension	Price*	Quickship
590-0038	Package 1	4 ½" (11.5cm) O.D.	Rectangular	4' (1.3m)	\$2,105	Limit 5 on 10 business day
590-0039	Package 2	5 ¾16" (14.2cm) O.D.	Rectangular	6' (1.9m)	\$3,332	Limit 5 on 10 business day
590-0040	Package 3	4 ½" (11.5cm) O.D.	Fan	4' (1.3m)	\$1,643	Limit 5 on 10 business day
590-0041	Package 4	5 %16" (14.2cm) O.D.	Fan	6' (1.9m)	\$2,862	Limit 5 on 10 business day
	Back	board attachment frame and l	hardware included with	rectangular backboard	d packages.	

BASKETBALL ACCESSORIES

Description	Price*	
4 ¼²" (11.5cm) O.D. Upright Only - 4' (1.3m) Extension	\$734 each	C
5 %16" (14.2cm) O.D. Upright Only - 6' (1.9m) Extension	\$1,954 each	C
Rectangular Backboard Attachment Frame with Hardware	\$360 each	C
Nylon Net	\$24.33 each	Lir
Chain Net	\$40 each	Lir
Backboard Shooters Square Decal	\$121 each	Lir

SPORTS & RECREATION EQUIPMENT

Description	Price*
Funnel Ball®	\$954
Funnel Ball Sleeve (For Removable Installation)	\$155
Tetherball	\$272
Tetherball Replacement Ball & Cord	\$81
Permanent Soccer Goal	\$3,635 pair
Portable Soccer Goal	\$3,829 pair
Nylon Soccer Net	\$623 pair
Volleyball Posts	\$426 pair
3' x 32' Volleyball Net (1m x 9.8m)	\$172

Quickship

Quickship not available Quickship not available Quickship not available Limit 5 on 5 business day Limit 5 on 5 business day Limit 5 on 5 business day

Quickship
Limit 3 on 5 business day
Quickship not available





Product ID

590-0026 590-0027 590-0028 046-0037 046-0036 046-0367

Product ID

590-0062 590-003 590-003 046-0029 590-0011 590-0012 590-0076 590-0009 018-0368







PARK & PLAYGROUND SIGNS

Number	Product ID	Description	Price*
Not pictured	580-1317	Novo Welcome Sign (ages 2-5)**	\$305
1	580-1315	Novo Welcome Sign (ages 5-12)**	\$305
Not pictured	580-1316	Novo Welcome Sign (ages 2-12)**	\$305
2	580-1310	Novo Custom Sign - Single	\$509
3	580-1311	Novo Custom Sign - Double	\$886
4	NU-1490	5" Post Custom Arch Sign	\$2,162
5	580-1302	2-Sided Full Color Custom Sign	\$611
Not pictured	580-1297	2-Sided Full Color Welcome Sign (ages 6-23 months)**	\$555
6	580-1296	2-Sided Full Color Welcome Sign (ages 2-5)**	\$555
7	580-1294	2-Sided Full Color Welcome Sign (ages 5-12)**	\$555
Not pictured	580-1295	2-Sided Full Color Welcome Sign (ages 2-12)**	\$555
		**Contains ASTM required content.	



BURKE TURF®

Burke Turf combines rugged durability with softness and beauty to create the perfect surface for sports, fitness and playground areas. Offering ease of access, Burke Turf helps children of all abilities move freely throughout the playspace. Below the surface you'll find a soft infill that is silica-based, anti-microbial, and provides a long-lasting, healthy play environment. A shock and drainage pad provides shock absorption and impact protection from falls – the most common source of serious playground injuries. Burke Turf conforms to the latest CPSC, ASTM, and ADAAG standards for impact attenuation and accessibility.



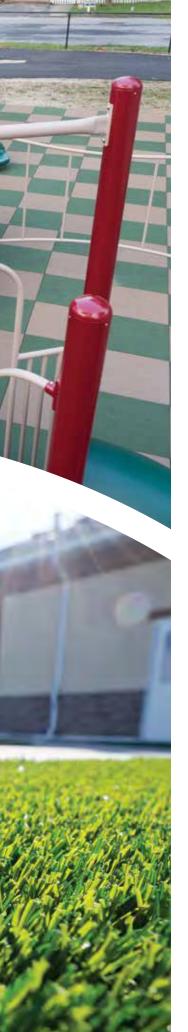
BURKE TILES

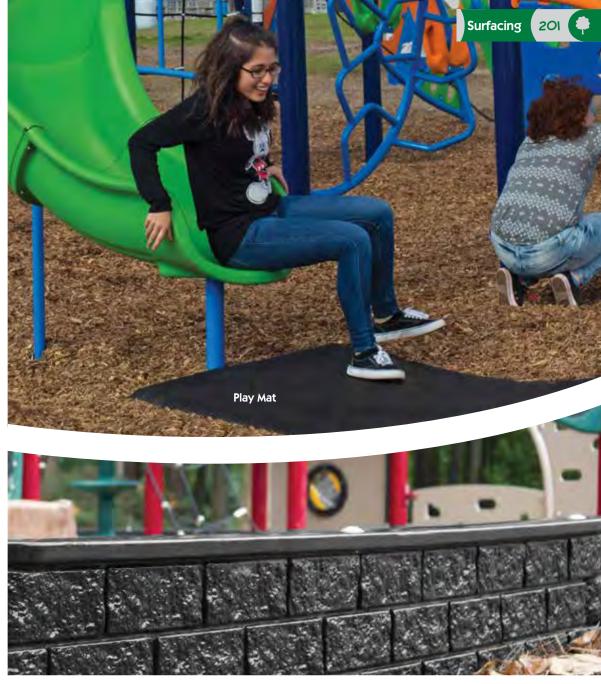
Bring Play That Moves You to life beginning with fun, durable and inclusive surfacing from Burke. Burke Tiles are eco-friendly, simple to maintain and provide full accessibility so all children can play together. Available in an array of colors, tiles can be arranged into patterns that enhance the design or theme of the playspace and help children stay safe while having fun and reaping the benefits from play.



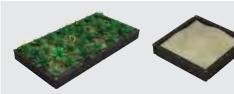








StoneBorders - The highest quality borders in the industry backed by Burke's 15-year Generations Warranty.



Size

8" x 4' (20.4cm x 1.3m)

12" x 6' (30.5cm x 1.9m)

6' x 6' (1.9m x 1.9m)

12' x 6' (3.7m x 1.9m)

12' x 12' (3.7m x 3.7m)

48" x 66" (1.3m x 1.7m)

N/A

N/A

N/A

N/A

N/A

36" x 60" x 2"

(91.5cm x 152.4cm x 5.1cm)

Product ID

046-0366

046-0053

580-0150

580-0151

580-0152

046-0153

046-0054

046-0055

046-0056

046-0368

046-0380

046-0521



SURFACING ACCESSORIES

Description 8" StoneBorders with one 30" (76.2cm) Drive Pin 12" StoneBorders with two 30" (76.2cm) Drive Pins 6' x 6' StoneBorder Sandbox or Planter 12' x 6' StoneBorder Sandbox or Planter 12' x 12' StoneBorder Sandbox or Planter StoneBorder Wheelchair Access Ramp StoneBorder Plug 12" (30.5cm) StoneBorder End Cap 30" (76.2cm) Drive Pin 8" x 4' (20.4cm x 1.3m) StoneBorder Connector 4' (1.3m) StoneBorder End Cap Play Mat



\$40 each

\$70 each

\$328

\$495

\$660

\$1,070

, \$28

\$61

\$16.25

\$23.82

\$24.87

\$173

	Quickship
Limit	5 on 5 Busines

siness days siness days siness days siness days siness days Quickship not available Limit 5 on 5 Business days Quickship not available

BCIBURKE.COM

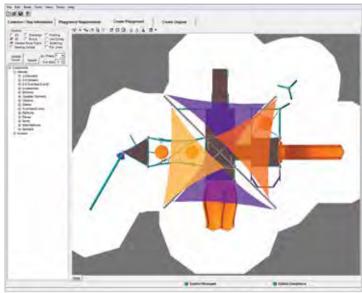
* Approximate list price. Surfacing, freight, taxes and installation are extra. Specifications and pricing subject to change without notice.



DYNAMIC DIGITAL CATALOGS

Product photos, designs, videos and more come alive in our digital space! View exciting new products and experience a higher level of play for yourself!

Visit bciburke.com/catalogs to interact with our 2020 Playground & Recreation Design Guide and other Burke online catalogs!



DESIGN CAPABILITIES

Burke uses the best designers and technology to bring playgrounds that move you to communities around the world! Using our proprietary software, we design play environments for all budgets, spaces and needs. Our software ensures that all safety and accessibility guidelines are met and we provide best-in-class 3D drawings and virtual playground tours so you feel part of your playspace before it's even installed.



VIRTUAL PLAYGROUND TOURS

See your playground in a whole new way with your customized Virtual Playground Tour. With the ability to rotate 360° and zoom in to see textures and components, this tour is the next best thing to being on the playground and will help you visualize the beauty of your playspace.



CADDETAILS

CADdetails is the leading provider of manufacturer-specific building product information and serves as a resource for more than 452,000 architects, engineers, contractors and other design industry professionals throughout North America. Burke's page on CADdetails.com contains over 100 playground and park products and is a great resource for design files, ideas and product information.



MAINTENANCE & SAFETY

Customized Maintenance Kit - To help maintain a safe, functioning playground we include a Custom Maintenance Schedule, Touch-up Paint, Graffiti Remover and Carrying Case FREE with every playground structure purchase.

FREE WITH EVERY BURKE PLAY STRUCTURE PURCHASE!

NPPS Safety Kit - BCI Burke truly gives you the most value for your money. As part of our Total Cost of Ownership Package, we offer value-added resources FREE with every play structure purchase. The National Program for Playground Safety (NPPS) Playground Supervision Safety Kit helps supervisors and educators be prepared on the playground. Learn more at **bciburke.com/safety**.





FUNDING SOLUTIONS

Financing - At Burke we are always searching for ways to offer exceptional products and services to our customers. In furtherance of our mission to put our customers first, we are excited to introduce Newlane Finance Company as our preeminent finance solution.



Funds for Fun® - Deciding to build a new playground or add equipment to a current playspace is easy. After the decision is made, the next question is, "Where will the money come from?" At Burke, we understand the dedication and hard work it takes to raise the funds for playground equipment. That's why we created a direct donation fundraising program to help your organization raise the funds it needs for your new park, recreation or school playground. Learn more at **bciburke.com/funding**.

Grant Resource Center - We've partnered with The School Funding Center to provide up-to-date grant information. The School Funding Center has one of the most comprehensive and current grant databases available on the internet today. Learn more at **bciburke.com/funding**.

CAUSES THAT MOVE US

Who we are is defined by what we do and how we positively affect those around us. At Burke, play inspires us to create a community of people that are invested in growth, aren't afraid to commit to positive change and seek to enrich and enhance the lives of the people in communities where we serve and live. It begins with the cornerstone of play as a catalyst for development, connection and relationships. Researching, innovating and creating products that foster these important links at the center of our purpose here at Burke. We do this to help communities and people grow and thrive. In our own community, we partner with organizations such as the YMCA and Boys and Girls Club of Fond du Lac and we support, on a larger scale, organizations, municipalities, schools, churches and associations to Join Our Movement and help let play lead the way for change.

PARTNERS IN PLAY



KaBOOM!: BCI Burke has been chosen as a Preferred Vendor to KaBOOM!, the national nonprofit dedicated to giving kids great, safe places to play, particularly those growing up in poverty in America. Burke is proud to support KaBOOM! and its mission to give kids the playful childhood they deserve. Visit **kaboom.org/resources** and **kaboom.org/grants** to learn about KaBOOM! grant programs and do-it-yourself project tools that can help you through the planning process – from volunteer recruitment to fundraising, and everything in between.



Boys & Girls Club of Fond du Lac is dedicated to empowering youth to reach their full potential. They offer a variety of programs and activities that positively change the lives and futures of children 6-18. Burke is proud to partner with a group that encourages physical, emotional and social growth of youth in our community.



The Fond du Lac Family YMCA is a cause driven organization that is for youth development, for healthy living and for social responsibility. We believe a strong community can only be achieved when we invest in our kids, our health and our neighbors.



The US Play Coalition is a partnership to promote the value of play throughout life. We are an international network of individuals and organizations that recognize play as a valuable and necessary part of a healthy and productive life. Our membership is diverse – including educators, parents, physicians, health scientists, park and recreation professionals, psychologists, landscape architects and many more. Membership is free, and simply requires a declaration of shared commitment to the value of play.

PURCHASING COOPERATIVES



OMNIA Partners, Public Sector, formerly National IPA, is the largest and most experienced organization in purchasing and supply chain management. Comprised of participants and suppliers in both the public and private sector, they bring together industry-leading buying power and world-class suppliers to offer an extensive portfolio of competitively solicited and publicly awarded contracts and partnerships. OMNIA Partners is proud to offer more value and resources to state and local government, higher education, K-12 education and non-profits. Learn more at **omniapartners.com**.



HGACBuy is a unit of local government that strives to make the governmental procurement process more efficient by establishing competitively priced contracts for goods and services, and provides the customer service necessary to help its members achieve their procurement goals. Learn more at **bciburke.com/partnerships**.



The National Cooperative Procurement Partners (NCPP) Association is leading the way in elevating the discussion, advocacy and educational content on cooperative procurement. Working collaboratively to bring all the "partners" in procurement together – cooperatives, strategic suppliers, affiliated organizations and public procurement professionals – its goal is to produce meaningful educational tools to support public procurement agencies and become the "go to" resource for cooperative procurement. Learn more at ncppassociation.org.



BuyBoard was created to increase the purchasing power of government entities and to simplify their purchasing by using a customized online purchasing system. Combining the purchase power of local governments provides members the leverage to achieve better pricing on products, equipment and services they use every day. Learn more at **buyboard.com**.



GSA allows federal parks, child development programs, military bases and other agencies to purchase Burke playgrounds through Premier Playgrounds, the company's GSA contract for installation virtually anywhere in the world.



PLAYGROUNDS POWERED BY WIND

By participating in programs that support the development of clean energy, we are able to purchase **100%** of our electricity usage from wind and other renewables. This positions Burke as an environmental leader within the playground industry and helped us earn the Green Power Partner designation from the U.S. Environmental Protection Agency. For more information visit **epa.gov/greenpower**.

SAFETY



The Customer Product Safety Commission (CPSC) created playground safety guidelines to help local communities, schools, day care centers and other groups build safe playgrounds. **The American Society for Testing and Materials (ASTM)** is an independent world renowned developer of technical standards utilized in testing products. ASTM and CPSC guidelines are built into our proprietary EZ Design program ensuring every Burke playground is designed to meet or exceed all their standards. To highlight our commitment to safety, BCI Burke is the only playground manufacturer to partner with the National Program for Playground Safety (NPPS) and provide a **FREE** Safe Playground Supervision Kit with each play system purchased.





DEA

BCI Burke Company, LLC, is a member in good standing of IPEMA, the International Play Equipment Manufacturers Association. IPEMA is a member-driven international trade organization which represents and promotes an open market for manufacturers of play equipment and surfacing.

In the interest of playground safety, the International Play Equipment Manufacturers Association (IPEMA) provides a Third Party Certification Service whereby a designated independent laboratory, with TÜV America (TÜV), validates an equipment manufacturer's certification of conformance to ASTM F1487, Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, except sections 7.1.1, 10 & 12.6.1; to CAN/CSA Z614, Children's Playspaces and Equipment, except clauses 9.8, 10 & 11; or both. The use of the corresponding logo in Burke's Catalog signifies that Burke has received written validation from the independent laboratory that the product(s) associated with the use of the logo conforms to the requirements of the indicated standard.

Check IPEMA website **www.ipema.org** to confirm product validation.



In the interest of playground safety, the International Play Equipment Manufacturers Association (IPEMA) provides a Third Party Certification Service whereby a designated independent laboratory, with TÜV America (TÜV), validates a surfacing manufacturer's certification of conformance to ASTM F1292, Standard Specification for Impact Attenuation Under and Around Playground Equipment, except section 15, and for an engineered wood fiber manufacturer its certification of conformance, also to ASTM F2075, Standard Specification for Engineered Wood Fiber for use as a Playground Safety Surface Under and Around Playground Equipment, Section 4.4, for testing Sieve Analysis and Section 4.6, for testing the presence of Tramp Metal. The use of the corresponding logo in Burke's Catalog signifies that Burke has received written validation from the independent laboratory that the product(s) associated with the use of the logo conforms to the requirements of the indicated standard.

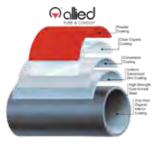
Check IPEMA website www.ipema.org to confirm product validation, its thickness and critical height.

The space requirements shown in this publication are shown to ASTM Standards. Requirements for other standards may be different.



ALLIED TUBE & CONDUIT

Allied Tube & Conduit is the leading supplier of galvanized and commercial quality tubing to both manufacturers and metal distributors in over 70 consumer and industrial markets. Their unique in-line galvanizing process produces superior corrosion resistance by utilizing a triple layer of protection. This advanced processing technique was first introduced in 1959 and is still relevant today.





ISO 9001:2015 AND ISO 14001:2015

NSF-ISR attests that BCI Burke Company, LLC is in compliance with ISO 9001:2015 and the International Environmental Management Standard ISO 14001:2015.

ISO 9001:2015 emphasizes processes to aid in continuous improvement in quality and customer service. ISO 14001:2015 ensures Burke follows strict environmental controls in manufacturing processes.



KoreKonnect



Direct-Bolt



EZKonnect





Powder Coating



Compound Plastics



Aluminum Connectors

BURKE BUILT QUALITY FROM AMERICA'S HEARTLAND

KoreKonnect® Direct-Bolt Clamp System: Nucleus features our Industry-leading KoreKonnect direct-bolt clamp system resulting in the strongest and most accurate connection system ever. Factory located connection points make for easy, precise installation and an error-free fit. Best of all, KoreKonnect is covered for 100 years under our non-prorated Generations Warranty.

Direct-Bolt Connection System: Intensity, Synergy, ELEVATE Fitness Course and ACTIVATE Fitness Circuit feature Burke's trusted direct-bolt connection that uses a durable, straightforward direct-bolt system to ensure a trouble-free installation and provide the necessary strength to accommodate the demands of playing children. Like our KoreKonnect system, Direct-Bolt connections are covered for 100 years under our Generations Warranty.

EZKonnect® Deck Mounting System: Our exclusive self-leveling deck attachment and factory CNC construction allows for faster and more precise location of decks during installation. The 2-bolt per corner deck attachment increases overall structure strength and stability.

Platforms: Burke's oversized non-slip platforms are constructed of heavy-duty punched steel that can support more than 2 tons. Our vinyl coating is California compliant, free of lead and other hazardous heavy metals.

Tamper-Resistant Stainless Steel Hardware: All hardware is covered for 100 years under our Generations Warranty.

Premium Powder Coatings: Our industry-leading powder coatings and finishes prevent fading, last longer and deter rust. We also offer a **"coastal package" powder coat system**. This special powder coat system for metal components and upright posts will provide additional corrosion and chemical protection along with added longevity to the color and gloss retention of the powder coated parts. Contact your Burke Representative for more information on colors, price and warranty.

Compound Rotomold Plastics with UV-16: You'll get long wear and bright, vibrant colors that hold up for years thanks to our thick, durable rotomolded plastics with UV-16 protection, which is why we can cover them for 15 years under our non-prorated Generations Warranty.

Climbing Cables: Our climbing cables are flexible enough to provide movement, yet strong enough to last. Our ropes are made from 6 polyester cords with steel reinforcement wrapped around a synthetic fiber core. Each cord contains 8 galvanized steel strands tightly covered with polyester multi-fibers. Our RopeVenture cables consist of 6 strands, each containing 24 stainless steel reinforcing strands within a nylon sleeve, wrapped around a solid nylon core.

Aluminum Connectors: Swivel connectors at the end of our ropes allow assembly at any angle with no unwanted twists in the net. The aluminum fittings used to secure the joints are swaged in place to prevent any movement between the rope and fittings that could cause wear.

BCI BURKE GENERATIONS WARRANTY® The Longest and Strongest warranty in the industry

BCI Burke Company, LLC ("Burke") warrants that all standard products are warranted to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of shipment.

We stand behind our products.

- In addition, the following products are warranted, under normal use and service from the date of shipment as follows:
- One Hundred (100) Year Limited Warranty on aluminum and steel upright posts (including Intensity[®], Synergy[™], Nucleus[®], Voltage[®], Little Buddies[®], ELEVATE[®], ACTIVATE[®], INVIGORATE[™]) against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on KoreKonnect® clamps against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on Hardware (nuts, bolts, washers)
- One Hundred (100) Year Limited Warranty on bolt-through fastening and clamp systems (Synergy™, Intensity®, Nucleus®, Voltage®, Little Buddies®, ELEVATE®).
- Twenty-Five (25) Year Limited Warranty on spring assemblies and aluminum cast animals.
- Fifteen (15) Year Limited Warranty on structure platforms and decks, metal roofs, table tops, bench tops, railings and barriers against structural failure due to materials or workmanship.
- Fifteen (15) Year Limited Warranty on all plastic components including StoneBorders against structural failure due to materials or workmanship.
- Ten (10) Year Limited Warranty on ShadePlay Canopies fabric, threads, and cables against degradation, cracking or material breakdown resulting from ultra-violet exposure, natural
 deterioration or manufacturing defects. This warranty is limited to the design loads as stated in the specifications.
- Ten (10) Year Limited Warranty on NaturePlay[®] Boulders and GFRC products against structural failure due to natural deterioration or workmanship. Natural wear, which may occur with
 any concrete product with age, is excluded from this warranty
- Ten (10) Year Limited Warranty on Full Color Custom Signage against manufacturing defects that cause delamination or degradation of the sign. Full Color Custom Signs also carry a two (2) year warranty against premature fading of the print and graphics on the signs.
- Five (5) Year Limited Warranty on Intensity[®] and RopeVenture[®] cables and LEVEL X[®] flex bridge against premature wear due to natural deterioration or manufacturing defects. Determination of premature wear will be at the manufacturer's discretion.
- Five (5) Year Limited Warranty on moving parts, including swing components, against structural failure due to materials or workmanship.
- Five (5) Year Limited Warranty on PlayEnsemble® cables and mallets against defects in materials and workmanship.
- Three (3) Year Limited Warranty on electronic panel speakers, sound chips and circuit boards against electronic failure caused by manufacturing defects.

The warranty stated above is valid only if the equipment is erected in conformity with the layout plan and/or installation instructions furnished by BCI Burke Company, LLC using approved parts; have been maintained and inspected in accordance with BCI Burke Company, LLC instructions. Burke's liability and your exclusive remedy hereunder will be limited to repair or replacement of those parts found in Burke's reasonable judgment to be defective. Any claim made within the above stated warranty periods must be made promptly after discovery of the defect. A part is covered only for the original warranty period of the applicable part. Replacement parts carry the applicable warranty from the date of shipment of the replacement from Burke. After the expiration of the warranty period, you must pay for all parts, transportation and service charges.

Burke reserves the right to accept or reject any claim in whole or in part. Burke will not accept the return of any product without its prior written approval. Burke will assume transportation charges for shipment of the returned product if it is returned in strict compliance with Burke's written instructions.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF THE FOREGOING DISCLAIMER OF ADDITIONAL WARRANTIES IS NOT GIVEN FULL FORCE AND EFFECT, ANY RESULTING ADDITIONAL WARRANTY SHALL BE LIMITED IN DURATION TO THE EXPRESS WARRANTIES AND BE OTHERWISE SUBJECT TO AND LIMITED BY THE TERMS OF BURKE'S PRODUCT WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OF CERTAIN IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Warranty Exclusions: The above stated warranties do not cover: "cosmetic" defects, such as scratches, dents, marring, or fading; damage due to incorrect installation, vandalism, misuse, accident, wear and tear from normal use, exposure to extreme weather; immersion in salt or chlorine water, unauthorized repair or modification, abnormal use, lack of maintenance, or other cause not within Burke's control; and

Limitation of Remedies: Burke is not liable for consequential or incidental damages, including but not limited to labor costs or lost profits resulting from the use of or inability to use the products or from the products being incorporated in or becoming a component of any other product. If, after a reasonable number of repeated efforts, Burke is unable to repair or replace a defective or nonconforming product, Burke shall have the option to accept return of the product, or part thereof, if such does not substantially impair its value, and return the purchase price as the buyer's entire and exclusive remedy. Without limiting the generality of the foregoing, Burke will not be responsible for labor costs involved in the removal of products or the installation of replacement products. Some states do not allow the exclusion of incidental damages, so the above exclusion may not apply to you.

The environment near a saltwater coast can be extremely corrosive. Some corrosion and/or deterioration is considered "normal wear" in this environment. Product installed within 500 yards of a saltwater shoreline will only be covered for half the period of the standard product warranty, up to a maximum of five years, for defects caused by corrosion. Products installed in direct contact with saltwater or that are subjected to salt spray are not covered by the standard warranty for any defects caused by corrosion.

Contact your local Burke Representative for warranty information regarding Burke Turf® and Burke Tile products.

Terms of Sale

Pricing: Prices published in this catalog are in USD, are approximate and do not include shipping & handling, surfacing, installation nor applicable taxes. All prices are subject to change without notice. Contact your Burke representative for current pricing. Payments are to be made in USD.

Weights: Weights are approximate and may vary with actual orders.

Installation: All equipment is shipped unassembled. For a list of factory-certified installers in your area, please contact your Burke representative.

Specifications: Product specifications in this catalog were correct at the time of publication. However, product improvements are ongoing at Burke, and we reserve the right to change or discontinue specifications without notice.

Loss or Damage in Transit: A signed bill of lading is our receipt from a carrier that our shipment to you was complete and in good condition upon arrival. Before you sign, please check the Bill of Lading carefully when the shipment arrives to make sure nothing is missing and there are no damages. Once the shipment leaves our plant, we are no longer responsible for any damage, loss or shortage.

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COLOR THEMES

Color Themes 211



Electric Navy posts, granite plastic, blue shade, lime accessories & blue platforms



Marina Olive posts, blue plastic, blue shade, tan accessories & brown platforms



Angelfish Navy posts, yellow plastic, yellow shade, sky accessories & brown platforms



Ocean Yellow posts, lime plastic, lime shade, sky accessories & brown platforms



Aqua posts, purple plastic, purple shade, lemon accessories & brown platforms



Freedom Sky posts, red plastic, red shade, white accessories & brown platforms



Urban

Silver posts, red plastic, red shade,

black accessories & brown platforms

Forest Burgundy posts, green plastic, green shade, tan accessories & brown platforms



Circus Red posts, blue plastic, blue shade, yellow accessories & blue platforms



Psychedelic

Navy posts, orange plastic, lime shade,

lime accessories & brown platforms

Terrace Olive posts, tan plastic, tan shade, black accessories & brown platforms



Viola Charcoal posts, purple plastic, purple shade, orange accessories & brown platforms



Enchanted Brown posts, lime plastic, lime shade, tan accessories & brown platforms



Parrot Sky posts, red plastic, red shade, lemon accessories & brown platforms

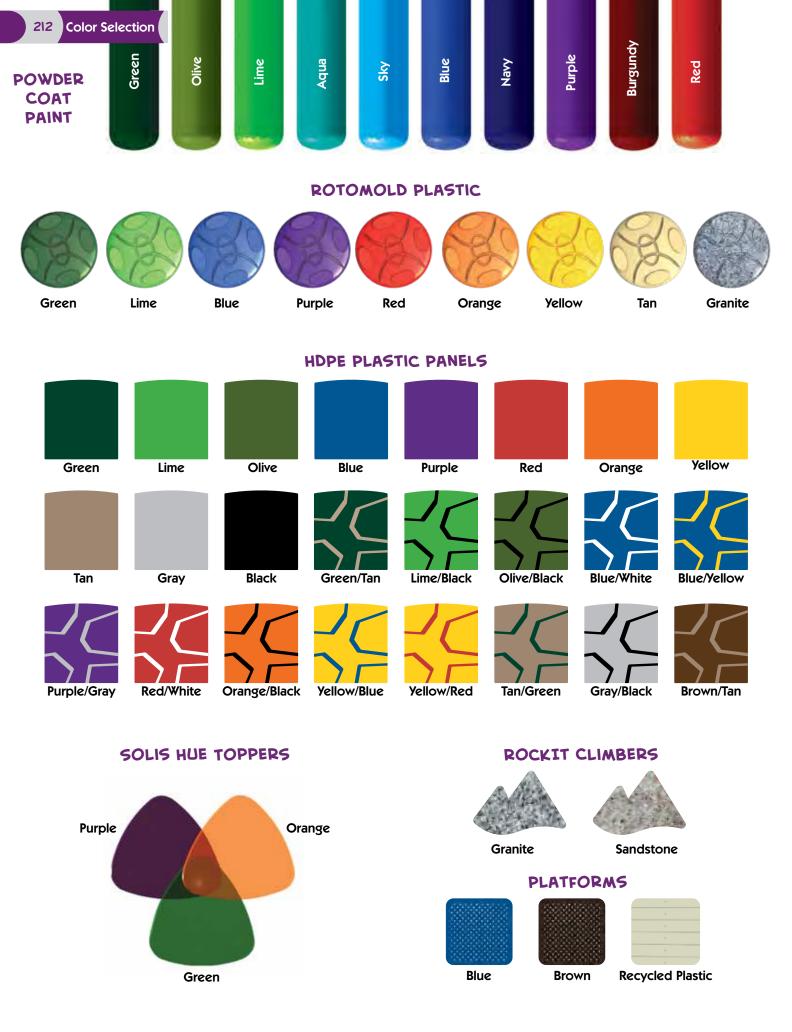


Sunflower Redwood posts, yellow plastic, yellow shade, olive accessories, & brown platforms



Tucan Yellow posts, orange plastic, orange shade, blue accessories & brown platforms

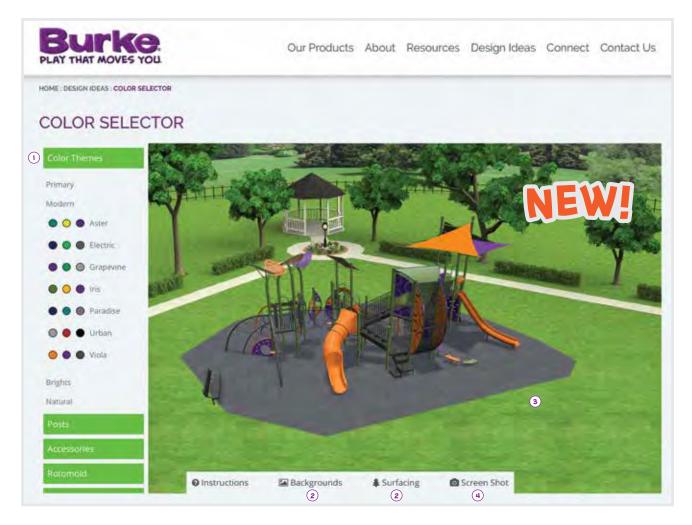
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BURKE ONLINE COLOR SELECTOR

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- 1. Choose colors for the different materials of your playground or pick a Burke color theme.
- 2. Choose the surfacing and background or upload your own image.
- 3. Take a virtual tour of your color-customized playground.
- 4. Take a screen shot to save your color selection.

Burke Colors that move you



 PLAY THAT MOVES YOU.

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Burke COLORS THAT MOVE YOU



Electric Navy posts, granite plastic, blue shade, lime accessories & blue platforms



Urban Silver posts, red plastic, red shade, black accessories & brown platforms



Forest Burgundy posts, green plastic, green shade, tan accessories & brown platforms



Circus Red posts, blue plastic, blue shade, yellow accessories & blue platforms



Marina Olive posts, blue plastic, blue shade, tan accessories & brown platforms



Psychedelic Navy posts, orange plastic, lime shade, lime accessories & brown platforms



Terrace Olive posts, tan plastic, tan shade, black accessories & brown platforms



Viola Charcoal posts, purple plastic, purple shade, orange accessories & brown platforms

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Angelfish Navy posts, yellow plastic, yellow shade, sky accessories & brown platforms



Ocean Yellow posts, lime plastic, lime shade, sky accessories & brown platforms



Enchanted Brown posts, lime plastic, lime shade, tan accessories & brown platforms



Sky posts, red plastic, red shade, lemon accessories & brown platforms

800.266.1250



Aqua posts, purple plastic, purple shade, lemon accessories & brown platforms



Freedom Sky posts, red plastic, red shade, white accessories & brown platforms



Sunflower Olive posts, yellow plastic, yellow shade, redwood accessories, & brown platforms



Tucan Yellow posts, orange plastic, orange shade, blue accessories & brown platforms







SPECIFICATIONS FOR BCI BURKE PLAY STRUCTURES

SECTION 11 68 00 Play Field Equipment and Structures

These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.

PART 1 GENERAL

1.01 Section Includes

A. Installation of a playground structure model [_____] as shown on the plans and herein specified.

1.02 Related Sections

- A. 31 10 00 Site Preparation.
- B. 31 00 00 Earthwork.
- C. 32 18 00 Athletic and Recreational Surfacing.

1.03 Quality Assurance

A. Installer Qualifications - An experienced installer familiar with local building codes and with the latest safety guidelines, who has completed installation of playground structures similar in material, design, and extent to that indicated for this project, and whose work has resulted in construction with a record of successful in-service performance.

B. Acceptable Manufacturers - Provide play structure/components as manufactured by BCI Burke Company, LLC, P.O. Box 549, 600 Van Dyne Road, Fond du Lac, Wisconsin 54936-0549, Tel: (920) 921-9220, Fax: (920) 921-9566, Toll Free: 1-800-266-1250, www.bciburke.com.

C. Product Options - Drawing indicates size, components and dimensional requirements of playground structure and is based on the specific system indicated.

1.04 Submittals

A. Product Data: Include physical characteristics such as materials, dimensions and finish.

B. Shop Drawings: Show assembly and installation details.

C. Samples for Verification: Color selections for [upright posts], [steel accessories], [freestanding panels & signs], [swings], [Kid KoastersTM], [plastic components], [other].

D. Warranty: Include manufacturer's standard warranty.

1.05 References

A. ASTM F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public use CAN/CSA-Z614 Children's Playspaces and Equipment.

B. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.

C. U.S. Consumer Products Safety Commission Handbook for Public Playground Safety.

D. Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas, amended November 20, 2000.

1.06 Delivery, Storage and Handling

A. Inspect all components on delivery to ensure that no damage occurred during shipping or handling. Materials shall be stored in original undamaged packaging in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism, and theft until ready for installation. Inspect components prior to installation.

PART 2 MATERIALS

2.01 General product material specifications

A. Clamps

- KoreKonnect [™] clamp castings [Nucleus, Synergy, Voltage] shall be cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting shall clamp to the post with two connection bolts. Clamp casting shall encapsulate the component attached to support surge loads, preventing surge loads being supported by only the hardware. Clamp shall be finished with a baked-on powder coating.
- 2. Clamp Castings [Little Buddies] shall be cast aluminum heat-treated alloy A356-T6 with a tensile strength of at least 34,000 psi, yield strength of at least 24,000 psi, shear of 20,700 psi, and elongation of 3.50% minimum. Each casting shall clamp to the post with one connection bolt. Clamp shall be finished with a baked on powder coating.

B. Platforms

- 1. Hillside Fusion Slide Entrance Platform: Platform mount shall be one piece all welded construction consisting of 2.375" 12ga and 1.315" 14ga formed galvanized tubing, 7ga stainless steel and 8ga galvanized steel plates, finished with a baked-on powder coating. Platform panel shall be 3/4" co-extruded HDPE.
- 2. Platforms [Nucleus, Synergy, Voltage, Little Buddies] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKonnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts.
- 3. Recycled Platforms [Nucleus] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with EZKonnect (patent pending) self-leveling fastening system, with two attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts. Boards are a one piece solid, non-hollow foamed recycled HDPE (ReHDPE)
- 4. 90 Degree Platform [Nucleus, Voltage] One piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Platforms shall connect to posts with patented EZKonnect self-leveling fastening system, with two attachment points per corner, one of those being an open ended slot for easy assembly. Platform fasteners shall attach to threaded inserts which are CNC precision factory installed into the posts. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

C. Fasteners

- 1. Button head cap screws and socket head cap screws shall be 302HQ corrosion resistant, passivated, stainless steel, tamper resistant, and pre-treated with a locking/sealing adhesive.
- 2. Other stainless steel hardware shall be 302HQ corrosion resistant stainless steel.
- 3. Non stainless steel hardware shall be zinc plated grade 5 steel.

4. Threaded Post Nut Inserts [Nucleus, Synergy, Voltage, Little Buddies] shall be a corrosion resistant threaded insert crimped into post. Inserts shall be precision CNC located and factory installed for all attachment points.

D. Rotationally Molded Plastic Parts, shall be manufactured from color compounded, linear, low-density polyethylene with an average of .250" wall thickness and textured non-sliding surfaces. Plastic parts shall be UV stabilized to UV-16 and shall have a density of 0.935 per ASTM D-1505. Plastic parts shall have a tensile strength at yield no less than 2500 psi with flexural modulus of 87,200 psi.

E. HDPE plastic panel parts shall be precision cut from a single solid sheet of either .50" or .75" thick UV-stabilized extruded high-density polyethylene with colors molded in, with a durable matte finish. The material will have a density of 59.6 lbs/cu.ft. and a tensile strength of 4000psi. All edges shall be rounded or chamfered for safe play.

F. Posts, steel [Nucleus, Synergy, Voltage, Little Buddies] shall be cold-formed steel tubing with a yield test of at least 50,000 psi and a tensile strength of at least 55,000 psi. Tube members shall comply with ASTM A-135 and ASTM A-500 Grade B minimum and shall be tested according to ASTM E-8.

- 1. Tubing Exteriors shall be triple coated for maximum exterior protection: galvanized, then coated with a chromate conversion coating and finished with a baked-on powder-coat.
- 2. Tubing interiors shall be coated with a corrosion resistant zinc-rich coating.
- 3. Tubing and cap finished with a baked on powder coating.
- 4. Standard posts shall be an assembly consisting of the galvanized steel tubing with a cast aluminum cap factory installed in the post with 1/8" x 15/32" stainless steel pinned aluminum drive rivets.
- 5. Posts [Nucleus, Intensity] shall be 5" OD x 11 GA galvanized steel tubing.
- 6. Posts [Little Buddies] shall be 2 3/8" OD x 12 GA galvanized steel tubing.
- 7. Posts [Synergy, Voltage] Post shall be 3 1/2" OD x 11 GA galvanized steel tubing.

G. Posts, aluminum [Nucleus, Synergy, Voltage, Intensity] shall be extruded aluminum tubing with a yield test of at least 35,000 psi and a tensile strength of at least 38,000 psi. Tube members shall comply with and shall be tested according to ASTM B-221. Standard posts shall be an assembly consisting of the extruded aluminum tubing with a cast aluminum cap factory installed in the post with 1/8" x 15/32" stainless steel pinned aluminum drive rivets.

1. Posts [Nucleus, Intensity] shall be 5" OD x 1/8" wall thickness aluminum tubing.

2. Posts [Synergy, Voltage] Post shall be 3 1/2" OD x 1/8" wall thickness aluminum tubing.

2.02 Descriptions of Coatings

A. PVC Coating (Poly-Vinyl Chloride): Prior to coating, each part shall be chemically washed, submerged in a heat-activated primer and dried. After drying, each part shall be pre-heated to a temperature no less than 350° F and immersed in liquid PVC. Play/usage surfaces shall have coating thickness of .085-.150 in. Park and site surfaces (i.e. benches, picnic tables) shall have coating thickness of .050-.080 in. PVC shall comply with California Assembly Bill #1108 by having a concentration that does not exceed 0.1% of the following phthalates; DINP, DIDP, DnOP, DEHP, or BBP. This formulation is also free of heavy metals such as Lead and Cadmium. The PVC shall have:

- 1. Tensile strength of no less than 1830 psi per ASTM 412.
- 2. Elongation of no less than 350% per ASTM 412.
- 3. Tear strength of no less than 250 lb./in. per ASTM 624.
- 4. Hardness of 75 +/- 3 (Durometer, Shore A) per ASTM 2240.
- 5. UV stabilizer shall be added to PVC to withstand one year in a QUV panel tester without any significant color drift.
- 6. Burn Rate will meet or exceed Federal Safety Standard MVSS 302. This is the same as a UL 94 HB rating.

B. Powder Coating – Standard and Super Durable colors: All metal parts will be coated with a two-part powder coat system that consists of a primer and a top coat. Powder coating is electrostatically applied at a thickness of 3 to 6 mils (.003 - .006). Prior to powder coating, all parts shall be cleaned and pretreated with a 5 stage non-phosphate and non-chromic process. The primer is cured before applying the top coat which is a polyester/TGIC powder coating with superior color-, gloss-, and UV-16 additive. Note: Top coat may be Standard or Super Durable powder coating depending on specific color availability. Finish quality conforms to ASTM Specifications and will have the following properties:

- 1. Adhesion: No less than 5B [The edges of the cuts are completely smooth; none of the squares of the lattice is detached.] (cross hatch/tape adhesion test per ASTM D3359 Method B).
- 2. Hardness: No less than 2H (pencil hardness test per ASTM B3363).
- 3. Resistance to Impact: Cracking at the perimeter of the concave area, but no cracking pick off from 80 in/lb direct or reverse impact (ASTM D2794).
- 4. Resistance to Bending: No visible cracking (1/8" bending test per ASTM 522).

- 5. Degree of Gloss: No less than 80% reflected (specular gloss test at 60° per ASTM D523).
- 6. Resistance to Salt Spray (Standard colors): No more than 1/8" undercutting and no blistering in 1000 hours (salt spray test per ASTM B117)
- 7. Resistance to Humidity (Standard colors): No more than 1/8" undercutting and no blistering in 1000 hours (humidity test per ASTM D2247)

Further properties for specific Super Durable colors:

- 8. Resistance to Acid Salt Spray(Super Durable colors): No more than 1/32" undercutting and no blistering in 3000 hours (salt spray test per ASTM G85 Annex 5).
- 9. Resistance to Humidity (Super Durable colors): No more than 1/32" undercutting and no blistering in 3000 hours (humidity test per ASTM D2247)
- 10. Weathering (Super Durable colors): No less than 4 (tested per EN 20105-A02)
- 11. Light fastness (Super Durable colors): No less than Grade 7 (tested per EC ISO 105-B02)

C. Corrosion protection: All metal parts will either have inherent corrosion protection such as stainless steel, aluminum or galvanized steel, or they will be pre-treated prior to powder coating with either an e-coat or zinc clear chromate coating for superior corrosion protection.

2.03 Barriers & Enclosures

A. Center Mount Enclosure [Nucleus, Voltage] One piece all welded construction consisting of 3 1/2" OD X 11 GA, 1.315" OD X 12 GA & 1.029" x 14 GA galvanized steel tubing and 10 GA galvanized sheet. Finished with a baked on powder coating.

- B. Clubhouse Enclosures [Nucleus]
 - Clubhouse Full Board Panel and Clubhouse Half Board Panel consists of 3/4" recycled HDPE with wood grain texture, 1.315" OD x 14 GA galvanized steel tubing and zinc plated steel nut inserts. Finished with a baked on powder coating, and castings made of A356-T6 aluminum, heat- treated. Finished with baked on powder coating. The hardware package contains stainless steel button head cap screws, nuts, and washers; and aluminum rivets with 302 stainless steel pin.
 - 2. Clubhouse Upper Board Panel consists of 3/4" recycled HDPE with wood grain texture, bracket that is one piece all welded construction consisting of 10 GA galvanized sheet steel and a formed 3/16" stainless steel plate, finished with baked on powder coating. The hardware package contains stainless steel button head cap screws, washers and barrel nuts.

C. Enclosures [Little Buddies] 3/4" co-extruded H.D.P.E.

D. Enclosures and Stanchions [Synergy Imagination] ³/₄" co-extruded HDPE face mounted to 3 ¹/₂" OD posts. Filler bracket consisting of ¹/₂" extruded HDPE and a bracket consisting of 1 3/4" SQ X 12 GA galvanized steel tubing finished with a bakedon powder coating. One piece welded construction consisitng of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat.

E. Enclosures, Climbers, Climbers 2-5 [Synergy] Synergy side enclosure shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat.

F. Enclosures and Stanchions [Nucleus, Synergy, Voltage] One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, or 1.315" OD galvanized tubing and 7 GA stainless steel brackets, and HDPE threaded inserts. Finished with a baked-on powder coating.

G. Enclosure, Offset [Nucleus, Voltage] One piece all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA galvanized steel tubing, 10 GA galvanized sheet and HDPE threaded inserts. Finished with a baked-on powder coating.

H. Enclosure, Offset [Synergy] One piece all welded construction consisting of 1.315" OD x 14 GA, 12 GA and 1.029" OD x 14 GA galvanized steel tubing and 7 GA stainless steel brackets finished with a baked-on powder coating.

I. Evolution Barriers [Nucleus] Shall consist of a weldment that is one piece all welded construction consisting of 1.315" OD X 12 GA galvanized steel tubing, 1.315" OD X 14 GA galvanized steel tubing, 13/16" OD X 15 GA galvanized steel tubing, and 8 GA and 10 GA galvanized steel plating, which is finished with a baked on powder coating. The barriers shall have panel that are made of either 3/4"extruded HDPE or 3/4" co-extruded HDPE. There shall be castings that are A356-T6 aluminum, heat-treated, which are finished with a baked on powder coating. All hardware shall be stainless steel nuts, screws, and washer.

J. Internal Barrier [Voltage] Shall consist of four separate parts each being all welded construction consisting of 1.660" OD x 12 GA and 1.315" OD x 14 GA galvanized steel tube and 10 GA galvanized steel plate finished with a baked on powder coating.

K. Pipe Walls, Nature Play Pipe Wall [Nucleus, Synergy, Voltage, Little Buddies] One piece, all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA, galvanized steel tubing, and $1 \frac{1}{2}$ " x $\frac{1}{2}$ " x 10 GA formed galvanized steel plate, and finished with a baked-on powder coating.

L. Pipe Wall with Steering Wheel or Telescope mount [Synergy] One piece, all welded construction consisting of 1.315" OD x 14 GA and 1.029" OD x 14 GA, galvanized steel tubing, and 1 1/2" x 1/2" x 10 GA formed galvanized steel plate and 304 SS machined shaft and 7 GA stainless steel brackets, and 1.135" OD galvanized

tubing and 7GA stainless steel brackets and threaded insert. Finished with a baked-on powder coating.

M. Platform Barrier [Synergy] barrier panel shall be ³/₄" co-extruded HDPE. Hardware package shall be stainless steel screws, nuts & washers.

N. Pipe Wall [Little Buddies] One piece all welded construction consisting of 1.315" OD x 14 GA wall and 1.029" OD x 14 GA wall galvanized tubing, $1 \frac{1}{2}" x \frac{1}{2}" x \frac{1}{8}"$ HR steel channel and zinc coated grade 32510 malleable iron mounting lugs. Finished with a baked on powder coating.

O. Slotted Barrier [Nucleus, Voltage, Little Buddies] 3/4" co-extruded H.D.P.E.

P. Stanchion [Little Buddies] One piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and zinc coated grade 32510 malleable iron mounting lugs. Finished with a baked on powder coating.

2.04 Brackets

A. Panel Brackets [Synergy, Voltage] for accessible reach panels, upper board panels and battlement panels shall be one piece all welded construction consisting of 7 GA stainless steel formed plate and 8 GA galvanized sheet steel finished with a baked-on powder coating.

B. Mounting Brackets [Voltage] Bracket shall be one piece all welded construction consisting of 3/16" stainless steel plate and 1.029" OD x 14 GA or 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

C. Mounting Tubes [Little Buddies] Tube shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and a stainless steel threaded insert. Finished with a baked on powder coating.

D. Mounting Tubes [Synergy, Voltage, Nucleus] Tube shall be one piece all welded construction consisting of a 1.315 OD x .083" wall galvanized tube and a 12L14 steel threaded insert. Finished with a baked on powder coating.

E. Panel Mounting Tubes [Synergy, Voltage] Tube shall be one piece all welded construction consisting of 3/16" stainless steel plates and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

F. Slide Entrance Brackets [Voltage, Nucleus, Synergy] Bracket shall be 14 GA galvanized steel plate finished with a baked on powder coating.

G. Steering Wheel Mount Bracket [Voltage, Little Buddies] and Post-Mounted Ship's Wheel Bracket [Nucleus] Bracket shall be one piece all welded construction consisting of a 3/16" stainless steel plate and a stainless-steel threaded shaft. Finished with a baked on powder coating.

2.05 Bridges

A. Arched Bridge [Nucleus, Voltage, Synergy], Mini Arched Bridge [Nucleus, Voltage, Little Buddies] One piece all welded construction consisting of 12 GA HRPO steel and PVC coated after fabrication. Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating.

- 1. Barriers [Nucleus, Voltage,] shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.
- 2. Barriers [Synergy] shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plate.
- 3. Barriers [Little Buddies] shall be ³/₄" extruded H.D.P.E.
- 4. Guardrails [Nucleus, Voltage] shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

B. Arched Catwalk Bridge [Nucleus, Voltage] One piece all welded construction consisting of 12 GA HRPO steel surfaces with 12 GA sides and gussets [Voltage] or 7 GA sides and gussets [Nucleus] and PVC coated after fabrication. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate, finished with a baked on powder coating. Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating.

C. Buckle Bridge [Nucleus, Voltage] Plank connectors shall be 304 stainless steel finished with a baked-on powder coating. Bushings shall be oil-impregnated SAE 841 bronze, Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating. Entrance planks and planks shall be one piece all welded construction consisting of a 12 GA HRPO steel surface, 1/4" HR steel sides, and 303 annealed stainless steel threaded studs. PVC coated after fabrication.

- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked-on powder coating.
- Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked-on powder coating.

D. Conveyor Belt Bridge [Voltage] Hanger plates shall be 7 GA HRPO steel and finished with a PVC coating. Belt hangers shall be one piece all welded construction

consisting of 7 GA HRPO steel and weld studs. Finished with a PVC coating. Rubber belt shall be 3/8" nylon belted rubber.

 Guardrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and grade 32510 malleable iron support pins. Finished with a baked-on powder coating.

E. Deck to Deck Plank [Nucleus, Voltage, Little Buddies, Synergy] Plank steps shall be 3/4" co-extruded H.D.P.E. Deck to deck plank shall be one piece all welded construction consisting of 12 GA HRPO steel and PVC coated after fabrication. Handholds shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing and 14 GA galvanized steel and finished with a baked on powder coating. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing and finished with a baked on powder coating.

F. Straight Bridge [Nucleus, Voltage] One piece all welded construction consisting of 12 GA surfaces and 11 GA gussets. PVC coated after fabrication. Spacer casting shall be 356-T6 aluminum, heat treated with a baked-on powder coating.

- 1. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.
- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

2.06 Burke Basics

A. AirVenture Glider, AirVenture Glider Add-On Bay [Burke Basics] Black PVC chain shall be galvanized 4/0 straight coil chain with black PVC coating. The hover board shall be linear, low density rotationally molded, U.V. stabilized polyethylene, .250" thick, double wall construction with a textured outside surface. Swaged posts shall be 3 ¹/₂" OD x 11GA galvanized steel tubing finished with a baked on powder coating. Swing arch shall be one piece all welded construction consisting of $3\frac{1}{2}$ " OD x 11 GA galvanized steel tubing, machined stainless steel finished with a baked on powder coat. [Add-on] Leg, Volito add-on bay shall be one piece all welded construction consisting of 3 ¹/₂" OD x 11 GA galvanized steel tubing, 1.029" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate finished with a baked on powder coat finish. Glider frame shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing, 8 GA and 10 GA galvanized steel sheeting, and 7/16" thick stainless steel tab finished with a baked on powder coating. Handle frame shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 1.315" OD stainless steel threaded insert finished with a baked on powder coating. Rod consists of stainless steel. Brass spacer made from brass 7/16" OD x .028" wall brass tube. Swing pivot consists of machined stainless

steel finished with a baked on powder coating. Bearings consisting of oil impregnated bronze.

B. Alpine Climber [Burke Basics] Post shall be 5" OD x 11 GA galvanized steel tube, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Finished with a baked on powder coat. Support Arms shall be one piece all welded construction consisting of 3" OD x 11 GA, 2 3/8" OD x 11 GA and 1.029" OD galvanized steel tubing and 8, 10 and 12 GA galvanized steel sheet. Finished with a baked on powder coating. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Sliding Pole shall be one piece all welded consisting of 1.660" OD x 12 GA galvanized steel tube. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consist of: Rope made of 6 polypropylene cords with each cord containing 8 galvanized steel strands wrapped around 3 polypropylene cords, covered with polypropylene multi-fibers. Aluminum end connectors and ferrules secured with stainless steel screws and swaged in place. Panels shall be manufactured of 3/4" extruded high-density polyethylene. Rock Climbing Holds shall be manufactured of polypester resin.

- C. Balance Beam [Burke Basics]
 - 1. S: Beam shall be one piece all welded construction consisting of 3" SQ x 11 GA galvanized steel tubing, 1.660" OD x 13 GA galvanized steel tubing, and 14 GA galvanized steel plate. Finished with a baked on powder coating.
 - 2. Straight: Beam shall be one piece all welded construction consisting of 3" SQ x 14 GA galvanized steel tubing, 1.660" OD x 13 GA galvanized steel tubing, and 14 GA galvanized steel plate. Finished with a baked on powder coating.
 - 3. Zig-Zag: 12' beam shall be one piece all welded construction consisting of 3" SQ x 11 GA galvanized steel tubing, 1.660" OD x 13 GA galvanized steel tubing, and 14 GA galvanized steel plate. Finished with a baked on powder coating.
 - 4. Z: 4' beam shall be one piece all welded construction consisting of 3" SQ x 11 GA galvanized steel tubing and 14 GA galvanized steel plate. Supports consisting of 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating. Finished with a baked on powder coating.

D. Bell Climber upright shall be one piece weldment consisting of 1 5/16" x 14 GA galvanized tubing uprights welded to rings made from 1 5/8" OD x 14 GA galvanized tubing. Formed sliding poles made from 1 5/8" OD x 14 GA galvanized tubing connect to the climber with steel castings coated with zinc clear chromate coating.

E. Boulder, Large [Nature Play] shall be an assembly consisting of fiberglass constructed shell panels and cap with modular polyurethane holds attached with stainless steel hardware. Supporting frame work assembly consisting of all welded one piece construction 2" square x .125" wall steel tubing,10 GA steel plate with support

tubes 1.660" OD x 13 GA galvanized steel tube. Finished with a baked on powder coating.

F. Boulder, Small [Nature Play] shall consist of a fiberglass constructed shell with supporting frame work consisting of all welded construction consisting of 1.660" OD x 12 GA galvanized steel tubing and HRS angle. Finished with a baked on powder coating.

G. Carousel/Fun Rides [Burke Basics] Bearing shall be heavy duty, precision thrust, sealed ball bearing. Gasket shall be cork. Handrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 3/16" HR steel plate. All welds finished with a cold galvanized compound. Base shall be one piece all welded construction consisting of 3 1/4" OD DOM steel tubing, 1/4" & 7 GA HR steel plate, and 2 3/4" dia. steel round. Finished with a baked on powder coat. Cover plate shall be 14 GA HRPO steel finished with a baked on powder coat. Speed limiter shall be an assembly consisting of a high torque low speed hydraulic motor with flow control valving, a stainless steel motor coupling, a steel bracket, stainless steel set screws, zinc plated steel hardware, steel hydraulic fittings and hose ends.

- 68" Platform shall be one piece all welded construction consisting of 11 GA dimpled spun steel, 1.660" OD x 13 GA galvanized steel tubing, and 5 1/2" OD x 3/8" wall DOM steel tubing. Finished with a baked on powder coating.
- 92" Platform shall be one piece all welded construction consisting of 11 GA dimpled spun steel, 1.900" OD x 11 GA galvanized steel tubing, and 5 1/2" OD x 3/8" wall DOM steel tubing. Finished with a baked on powder coating.
- 3. Fun Ride shall be one piece all welded construction consisting of 11 GA dimpled spun steel, 1.660" OD x 13 GA galvanized steel tubing, 5 1/2" OD x 3/8" wall DOM steel tubing, and 1/4" HR steel plate. Finished with a baked on powder coating. Mount shall be one piece all welded construction consisting of 1/4" HR steel plate, 2.375" OD x 12 GA galvanized steel tubing, and 1/2" dia. HR steel round. Finished with a baked on powder coating. Rider shall be one piece all welded construction consisting. Finished with a baked on powder coating. Rider shall be one piece all welded construction consisting of cast aluminum alloy parts. Finished with a baked on powder coating.

H. Cozy Corners [Burke Basics] Panels shall be 1/2" and 3/4" extruded and coextruded HDPE. Mounting brackets shall be 10 GA galvanized steel with a baked on powder coating. Support posts shall be 1.900" OD x 11 GA galvanized steel tubing finished with a baked on powder coating. Seat bracket shall be made of formed 8 GA. galvanized sheet steel finished with a baked on powder coating.

I. Comet I & Comet II [Burke Basics]One piece all welded construction consisting of formed 1.660" OD and 1.315' OD x 12 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Anchor is one piece all welded construction consisting of 5 1/2" dia steel housing with 2 3/4" dia. shaft, 5" OD x 7 GA galvanized steel tube. Finished with a baked on powder coat. Spinner cover is 3/4" extruded HDPE.

J. Crawl Tunnels [Burke Basics] HDPE Panels shall be 1/2" and 3/4" extruded and co-extruded HDPE. Rotational Mold Panels shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" t-nut inserts, and a textured outside surface. Tubes shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Anchor support tubes shall be 1.660" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.

K. Cruiser [Burke Basics] Base frame welded fabrication consisting of 3" x 5" structural channel, 3/8" HRPO steel plates, 1/4" HRPO steel plates, 8 ga. galv plates. Finished with E-coat primer and baked on powder coating. Rocking frame welded fabrication consisting of 2" square structural tubing, 3/8" HRPO steel plates, 8 ga and 12 ga. galv plates. Finished with E-coat primer and baked on powder coating. Thrust bearings shall be bronze. Rocker platform, platform adapter and seats shall be one piece all welded construction consisting of 12 GA surfaces and 12 GA gussets. PVC coated after fabrication. Upper frames, Handle and support shall each be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, 10 GA galvanized steel plate and malleable iron plug. Finished with a baked on powder coating. Brackets shall be 8 gage and 10 ga formed galvanized sheet metal, finished with a baked on powder coating. Panels shall be 1/2" and 3/4" extruded HDPE. Pivot arms shall be 6061-T6 Aluminum. Pivot pins shall be an assembly consisting of 10 ga galv plate, machined 416 Stainless Steel pin, hardened and stainless steel screws. Spacers shall be stainless steel. Bumper shall be neoprene rubber. Shock absorbers shall be gas charged dampener with ball joint connection ends.

L. Daisy Spinner [Burke Basic] Anchor shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing and 1 7/8" dia. plated solid steel round. Finished with a baked on powder coating. Bracket shall be one piece all welded construction consisting of 3 1/2" OD x 3/8" wall DOM steel tubing, 8 GA galvanized steel plate with zinc chromate plating after welding. Finished with a baked on powder coating. Finished with a baked on powder coating.

M. Dinosaur Fossil Dig – Large & Small [Burke Basics] Manufactured from Glass Fiber Reinforced Concrete (GFRC). Base concrete shall be minimum compressive strength of 4,000 psi.Glass fiber is Alkali Resistant (AR) type glass formulated for concrete. Material thickness shall be approximately 1". Finished and colored with a UV resistant, non-fading acrylic vinyl paint.

N. Dynamic Pad [Burke Basic] Pad shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Supports shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating.

O. Dynamic Surfer [Burke Basic] Pad shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Mounting bracket shall be one

piece all welded construction consisting of 10 GA galvanized steel sheet, 1" OD stainless steel, and zinc plated steel. Finished with a baked on powder coating. Spring anchor plate shall be DC04 grade cold rolled low carbon steel, formed and finished with a black baked on powder coat. Spring shall be 20mm OD spring steel finished with a baked on powder coating. Bottom plate shall be 1/4" HR steel plate finished with a baked on powder coating. Hardware shall be stainless steel screws, nuts, and washers; black nylon spacers, zinc plated steel screws, lock nuts, washers, and anchor bolts.

P. Early Childhood Play Centers [Burke Basics] (Step 'N' Scoot, Step 'N' Scoot -Soft Play, Climb 'N' Crawl, Climb 'N' Crawl-Soft Play, Kiddy Korral 6'x6', Step 'N' Scoot Plus, Step 'N' Scoot - Soft Play Plus, Climb 'N' Crawl Plus, Climb 'N' Crawl -Soft Play Plus, Kiddy Korral 6'x 6' Plus) Panels shall be 1/2" and 3/4" extruded and co-extruded HDPE. Mounting brackets shall be formed 12 GA galvanized steel with a baked on powder coating. Stairs and platform shall be one piece all welded construction consisting of 12 GA HRPO and/or 10 GA HRPO steel surfaces and sides. PVC coated after fabrication. Slide exit supports shall be 1.660" OD X 14 GA galvanized steel tubing finished with a baked on powder coating. Bubble windows shall be 1/4" thick vacuum-formed G.E. lexan plastic. Drum shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Foam modules are high density foam covered in jersey-lined vinyl, phthalate free, sewn with a hard wearing nylon thread. 'Plus' versions shall include 6 LDPE plastic multi-colored balls, 2 clear polypropylene plastic bins, acrylic tubing, 3/4" extruded HDPE panels and 10 GA galvanized brackets finished with baked on powder coating.

Q. Energy Orbiter [Burke Basics] Orbiter base shall be welded fabrication consisting of 5 1/2" dia steel housing with 2 3/4" dia. shaft, 1/4" & 7 GA HR steel plate and gussets. Finished with a baked on powder coat. Cross Support Hub shall be One piece all welded construction consisting of 5 1/2" OD x 3/8" wall DOM steel tubing hub with 3" square x 11 GA galvanized steel arms. Finished with a baked on powder coating. Orbiter platform shall be welded fabrication with 12 GA surfaces and gussets. PVC coated after fabrication. Center Post shall be assembly consisting of weldment and 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Weldment consisting of 8 GA galv plate, 5" OD x 11 GA galvanized steel tubing and 1.315" OD formed hand holds. Weldment and cap finished with a baked on powder coating. Speed limiter shall be an assembly consisting of a high torque low speed hydraulic motor with flow control valving, a stainless steel motor coupling, a steel bracket, stainless steel set screws, zinc plated steel hardware, steel hydraulic fittings and hose ends

R. Fireman Climber [Burke Basics] T-fittings shall be a formed 12 GA galvanized steel plate. Sliding pole shall be 1.660" OD x 13 GA galvanized steel tubing. Upright shall be one piece all welded construction consisting of 3 1/2" OD x 8 GA and 1.029" OD x 14 GA galvanized steel tubing. Top ring shall be one piece all welded construction consisting of 4" OD x SCH 40, 1.660" OD x 13 GA, & 1.029" OD x 14 GA galvanized steel tubing, and 14 GA galvanized steel plate. Finished with a baked on powder coating.

S. FS Ant Hill [Burke Basics] Ant Crawl Panel shall consist of 1/2" co-extruded HDPE. Ant Crawl Support shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Formed Plate shall be 10 GA galvanized steel plate finished with a baked on powder coating. Rock Climbing Holds shall consist of molded professional grade rock climbing hole with stainless steel washers.

T. Fun Phones [Nucleus, Voltage, Little Buddies] Tubing shall be 1 9/16" OD x 50' black polyethylene NSF 61 tubing. Flex tubing shall be 1 15/16" OD x 12" super flexible pvc duct hose. Funnel shall be linear, low density, rotationally molded, U.V. stabilized, polyethylene. Hose clamps shall be 2 1/2" OD adjustable stainless steel worm-drive hose clamps.

- Phone tube [Nucleus, Voltage] shall be one piece all welded construction consisting of 1.315" OD x 14 GA and 1.660" OD x 13 GA galvanized steel tubing, and formed 3/16 stainless steel plate, and perforated steel plate. Finished with a baked on powder coating. 1 ¹/₄" X 1 ¹/₄" rubber coupling, 1 ¹/₄" X 1 ¹/₄" rubber coupling shall be flexible PVC gasket and 300 series stainless steel clamps. Plastic 90 degree elbow 1 ¹/₄" X 1 ¹/₄" shall be PVC schedule 40 pipe 1 ¹/₄" X 1 ¹/₄".
- 2. Phone tube [Little Buddies] shall be one piece all welded construction consisting of 1.315" OD x 14 GA and 1.660" OD x 13 GA galvanized steel tubing and stainless steel threaded insert. Finished with a baked on powder coating. 1 ¼" X 1 ¼" rubber coupling, 1 ¼" X 1 ½" rubber coupling shall be flexible PVC gasket and 300 series stainless steel clamps. Plastic 90 degree elbow 1 ¼" X 1 ¼" shall be PVC schedule 40 pipe 1 ¼" X 1 ¼".

U. Grab Bar [Nucleus, Voltage] Bar shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing and 7 GA HRPO sheet steel. Finished with a baked on powder coating.

V. Grab Bar [Synergy] Bar shall be one piece all welded construction consisting of 1/315" OD X 12 GA galvanized steel tubing and 7 GA stainless steel bracket finished with a baked-on powder coating.

W. Hillside Pod Climber: Climber body shall be linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface. Footer shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and 8GA galvanized steel plate. Finished with a baked on powder coating.

X. Hop Spot Pod [Burke Basics, Intensity, Nucleus] Pod top shall be formed 1/2" extruded HDPE. Pod bottom shall be 1/4" rotationally molded LLDPE. Pod support shall be 2 3/8" OD X 3/16" wall DOM steel tube finished with a baked on powder coating. Pod spring assembly shall consist of a welded 1.499" OD machined tube, 8 GA galvanized plate, 2 3/8" OD compression spring, oil impregnated bronze bearings, and external retaining rings.

Y. Kid Force Spinner [Burke Basics] Spinner Bowl shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Bearings shall be heavy duty, precision thrust, sealed ball bearings. Bracket shall be one piece all welded construction consisting of 3 1/2" OD x 3/8" wall DOM steel tubing, 1/4" HR steel plate. Finished with a baked on powder coating. Support shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing and 2" dia. solid steel round. Finished with a baked on powder coating.

Z. Kid Koaster [Nucleus, Voltage] Bumper stop shall be molded black polyurethane. Aluminum sleeve shall be 1 1/8" dia. aluminum round. Kid Koaster sleeve shall be 1/2" OD steel tube finished with a baked on powder coating. Kid Koaster shall be one piece all welded construction consisting of 6005 T5 aluminum extrusion, and 3 1/2" OD x 5/16" wall and 1 5/8" OD x 1 5/32" ID aluminum tubing. Handle shall be an assembly consisting of 1 3/4" OD x 3/4" plastic roller guides, 2 3/16" OD x 1 3/16" plastic wheels, bearing, and a one piece all welded PVC coated handle made of 3/8" OD HR steel rod, 1" x 1" HR steel bar, 5/16" dia. stainless steel rod, and zinc plated bolts.

AA. Ladybug [Burke Basics] Manufactured from Glass Fiber Reinforced Concrete (GFRC). Base concrete shall be minimum compressive strength of 4,000 psi.Glass fiber is Alkali Resistant (AR) type glass formulated for concrete. Material thickness shall be approximately 1". Finished and colored with a UV resistant, non-fading acrylic vinyl paint. Anchor is 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating attached with stainless steel hardware.

BB. Level X Climbers [Burke Basics] Level X main arch is one piece all welded construction consisting of 5" OD x 11 GA and 3.5" OD x 11 GA galvanized steel tubing and 3/8" thick stainless steel tabs. The main arch supports are one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing and 3/8" thick stainless steel tabs. The lower arch connector is one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing. The lower arches are one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing, 10 GA galvanized steel plating, 3/8" thick stainless steel tabs, and 3/8-16 UNC stainless steel weld studs. The center ring is one piece all welded construction consisting of 1.9" OD x 11 GA galvanized steel tubing, 8 GA galvanized steel plating, 1/4" thick hot rolled steel plating plated with zinc-chromate, and 3/8" thick stainless steel tabs. The belt brace is one piece all welded construction consisting of 1.9" OD x 11 GA galvanized steel tubing, 14 GA galvanized steel plating, and 3/8" thick stainless steel tab. The transfer frame is one piece all welded construction consisting of 1.9" OD x 11 GA and 1.315" OD x 14 GA galvanized steel tubing, and 8 GA galvanized steel plating. The transfer platform support is one piece all welded construction consisting of 3.5" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plating. The conveyor belt footer is one piece all welded construction consisting of 3.5" OD x 11 GA galvanized steel tubing and 10 GA galvanized steel plating, with zinc-plated steel nut inserts. The pod mount is one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel sheet. Cover plates are 8 GA galvanized steel plating. Anchor tubes are 1.315" OD x 12 GA galvanized steel

tubing. Clamps are cast aluminum. All parts specified above are finished with a baked on powder coat. Anchor chains are 4/0 galvanized coil chain. The pod is 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction. The panels and plastic covers are 1/2" or 3/4" extruded HDPE. The rope assemblies are comprised of 16 mm and 20 mm ropes that consist of 6 right-hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers swaged together with aluminum end connectors and ferrules. The belts consist of 3-ply fabric with rubber top and bottom covers, overall 1/2" thickness. Turnbuckle assembly consists of hot dipped galvanized steel eye-eye turnbuckle assembly with split lock washers and hex nuts. Hardware consists of stainless steel nuts, bolts, and washers, 5/16" shackle with a 3/8" X 1 1/2" bolt, 1/4" Nylatron GS spacer and brass tube 7/16" OD X .028" wall. Loctite is provided as a thread locker.

CC. Little Buddies Train Engine, Dining Car, Sand Car and Tanker Car [Burke Basics] Panels shall be 1/2" and 3/4" extruded and co-extruded HDPE. Roof/bench support tubing shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 302 SS insert with a baked on powder coating. Mounting brackets shall be 10 GA galvanized steel with a baked on powder coating. Support tubes shall be 1.660" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Tube shall be .250" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Engine bell assembly shall consist of one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 302 SS aluminum plate, a bracket of all welded construction consisting of 10 GA galvanized sheet steel, finished with a baked on powder coating. Galvanized 4/0 straight coil chain.

DD. Little Digger [Burke Basics] Seat shall be A319 F aluminum casting. PVC coated after fabrication. Support pipe shall be an assembly consisting of a one piece all welded support pipe consisting of 1.900" OD x 11 GA & 1.660" OD x SCH 80 galvanized steel tubing and 1/4" HR steel plate, two oil impregnated bronze bearings, and a snap ring. Frame shall be an assembly consisting of an aluminum cast bucket, stainless steel button head cap screws & washers, zinc plated drive screws & washers, oil impregnated bronze bearings, snap rings and 1.050" OD x .112" wall black steel handles & supports. Handles & supports finished with a baked on powder coating.

EE.Lunar Landing Tower [Burke Basics] Panels shall be 1/2" and 3/4" extruded and co-extruded HDPE. Mounting brackets shall be formed 10 GA galvanized steel with a baked on powder coating. Stairs and platform shall be one piece all welded construction consisting of 12 GA HRPO and/or 10 GA HRPO steel surfaces and sides. PVC coated after fabrication. Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and finished with a baked on powder coating. Slide exit supports shall be 1.660" OD X 14 GA galvanized steel tubing finished with a baked on powder coating. Slide steel keyhole rung, side rail weldments consisting of 1/2" HDPE bedway, stainless steel keyhole rung, side rail weldments consisting of 1/8" thick extruded aluminum D-rail and 1/8" aluminum plate, steel nut inserts and aluminum rivets. Side rails finished with a baked on powder coating. Bubble window

shall be 1/4" thick vacuum-formed G.E. lexan plastic. Drum shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface.

FF. NaturePlay Log Tunnel [Burke Basics] Log shall be manufactured from Glass Fiber Reinforced Concrete (GFRC) with Alkali Resistant (AR) type glass fiber formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of log is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Mounting tabs are 7 GA low-carbon steel.

GG. NaturePlay Rock Climber [Burke Basics] Rock shall be manufactured from Glass Fiber Reinforced Concrete (GFRC) with Alkali Resistant (AR) type glass fiber formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of rock is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Integrated rectangular tubing for lifting and anchoring is 7 GA low-carbon steel.

HH. NaturePlay Rock – Large & Small [Burke Basics] Manufactured from Glass Fiber Reinforced Concrete (GFRC). Base concrete shall be minimum compressive strength of 4,000 psi.Glass fiber is Alkali Resistant (AR) type glass formulated for concrete. Material thickness shall be approximately 1". Finished and colored with a UV resistant, non-fading acrylic vinyl paint. Anchor is 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating attached with stainless steel hardware.

II. NaturePlay Stump – Large & Small [Burke Basics] Manufactured from Glass Fiber Reinforced Concrete (GFRC). Base concrete shall be minimum compressive strength of 4,000 psi.Glass fiber is Alkali Resistant (AR) type glass formulated for concrete. Material thickness shall be approximately 1". Finished and colored with a UV resistant, non-fading acrylic vinyl paint. Anchor is 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating attached with stainless steel hardware.

JJ. Novo Hillside Climber: Climber body shall be One piece all welded construction consisting of 2 3/8" OD X 12 GA galvanized steel tubing, 1.315" OD X 12 GA galvanized steel tubing, and 8 GA galvanized steel plating. Finished with a baked on powder coating. Footer shall be one piece all welded construction consisting of 2 3/8" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.

KK. Novo Hylo BenchClimb [Burke Basics] Footing tubes are 2 3/8" OD x 12 GA swaged galvanized steel tubing. Finished with a baked on powder coating. Panels are 3/4" extruded HDPE. Hylo Frame is one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing, 1.315" OD x 14 GA galvanized steel tubing

and 10 GA galvanized steel sheet. Finished with a baked on powder coating. Seat frame is one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing, 1.315" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware shall be stainless steel screws, washers, and barrel nuts.

LL.Orbitron [Burke Basics] Post weldment shall be welded fabrication, 5" OD x 7 gage post with angled bend at the top, solid machined shaft and support, finished with baked on powder coat. Spinning Ring shall be welded fabrication, machined hub with formed tubing rings 1.660" OD and 1.315" OD, formed tubing arms 2.375" OD, finished with baked on powder coat. Bearings shall be heavy duty, precision thrust, sealed ball bearing. Rubber gasket for seal. Spinner cap assembly shall be welded fabrication, 5" OD tube and flange plate, with cast aluminum cap riveted in place.

MM. Orb Rocker [Burke Basics] Upper weldment shall be one-piece welded construction consisting 12 GA and 8 GA galvanized steel plate, 1.315" OD X 12 GA, 1.660" OD X 12 GA, 2.875" OD X 8 GA, and 1.029" OD X 14 GA galvanized steel tubing, finished with a baked-on powder coat. Base weldment shall be one-piece welded construction consisting of 1/4" HRPO plate, 2 7/8" OD X 8 GA galvanized steel tubing, and a machined carbon steel housing. Black E-coat corrosion protection finished with a baked-on powder coat. Shaft housing weldment shall be one-piece welded construction consisting of 1/4" HRPO steel plate and a machined carbon steel spacer. Zinc chromate coated and finished with a baked-on powder coat. Pin shall be machined 1018CF solid carbon steel with a zinc chromate finish. Backrest shall be ½" extruded HDPE. End caps and seats shall be routed ¾" extruded HDPE. Platform shall be ¾" co-extruded HDPE. Hardware package consists of stainless steel and EcoGuard coated fasteners. Fitness Grip shall be made from casted A356 aluminum, finished with a baked-on powder coating.

NN. Paint Centers [Burke Basics] Window shall be 1/4" clear polycarbonate. Panels shall be 3/4" co-extruded high-density polyethylene. Shelf shall be 1/2" extruded high-density polyethylene. Frame shall be one piece all welded construction consisting of 2" SQ x 1/8" steel tubing with 3/8" nut inserts. Finished with a baked on powder coating.

OO. Playhouse, Bean Bench and Counter [Burke Basics] Panels, seats, counter and interactive inserts shall be 1/2" and 3/4" extruded and co-extruded HDPE. Roof support tubing shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 302 SS insert with a baked on powder coating. Mounting brackets shall be formed 10 GA galvanized steel plate finished with a baked on powder coating. Bench and counter legs to be one piece all welded construction of 2 3/8" OD x 11 GA galvanized steel tubing and formed 10 GA galvanized steel plate finished with a baked on powder coating. Spiral spinner includes a .377" Oil-impregnated bronze bearing and 1 3/8" steel standoff. Animal image disc to be full color graphic printed on 3 mm DiBond. Stainless steel hardware.

PP. Post Assembly 2 3/8" OD x 85 1/4" [Burke Basics] Straight tube shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing and 8 GA

galvanized steel plate. Finished with a baked on powder coating. Post cap shall be 3/4" extruded HDPE. Post cap insert shall be 1/2" extruded HDPE. 5/16" SS flat washer shall be stainless steel. 3/8" X 1 1/4" SS button head cap screw shall be stainless steel.

QQ. Puppet Show [Burke Basics] Panels shall be 1/2" extruded and co-extruded highdensity polyethylene. Frame shall be one piece all welded construction consisting of 2" SQ x 1/8" steel tubing with 3/8" nut inserts. Finished with a baked on powder coating.

RR. Pull Rings [Nucleus, Voltage] Ring shall be 356-T6 cast aluminum alloy, PVC coated. Pendulum shall be hot-dipped galvanized, grade 32510, heat treated, malleable iron. S-hook shall be 3/8" diameter, zinc plated steel. Bearing shall be oil impregnated, bronze. Support tube shall be one piece all welded construction consisting of 1315" OD x 14 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.

SS. Rain Wheel Drum Element [Burke Basics] Drum shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Bracket w/ tab shall be one piece all welded construction consisting of formed 10 GA galvanized sheet steel and 8 GA galvanized sheet steel. Finished with a baked on powder coat. Hardware package shall be stainless steel button head cap screws, nuts and washers. Rain wheel drum element assembly shall be a assembly consisting of 3/4" extruded H.D.P.E. panels, 1" OD x .049" wall stainless steel tubes, 1/16" diameter stainless steel wire rope, zinc plated steel washers, zinc plated copper compression sleeves, and stainless steel screws, T-nuts & 3/8" washers.

TT.Rally Round [Burke Basics] Sliding pole shall be 1.660" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Ring shall be one piece all welded construction consisting of 1.900 OD x 11 GA, 1.315" OD x 14 GA, and 1.029" OD x 14 GA galvanized steel tubing, and 1 9/16" OD x 13 GA CR steel DOM tubing. Finished with a baked on powder coating. Ladder shall be one piece all welded construction consisting of 1.900" OD x 11 GA and 1.315" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating. Ladder shall be one piece all welded construction consisting of 1.900" OD x 11 GA and 1.315" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

UU. Rev8 Rotating Climber [Burke Basics] Inner post assembly is one piece all welded construction of 5.56" OD Schedule 40 galvanized pipe and machined stainless steel. Outer post assembly consisting of one piece all welded construction of 6.63" OD Schedule 40 stainless steel pipe and 8 GA galvanized steel sheet and machined stainless steel, and a rotational cap assembly consisting of stainless steel and 8 GA galvanized steel plate, finished with a baked on powder coating. Ring section framework shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 8 GA galvanized steel plate, finished with a baked on powder coating. Platform sections shall be one piece all welded construction consisting of 12 GA HRPO steel shell and gussets, PVC coated after fabrication. Rope assemblies shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Cross bar consisting of 1.315 OD x 12 GA

galvanized steel tubing and 8 GA galvanized steel plate, finished with a baked on powder coating. Aluminum end connectors and ferrules, and stainless steel screws. Machined nylon bearings and couplings. Stainless steel hardware.

VV. Rocker, 4 Seat and 2 Seat [Burke Basics] Main beam shall be a one piece all welded construction consisting of 2 formed tubes 2 3/8" OD x 10 gage, 1 formed tube 1.660" OD x 13 gage, 14 gage galvanized plate, formed galvanized seat support plates and 4 handles (2 handles on 2 Seat Rocker) consisting of 1.029" OD x 14 gage galvanized tubing. Finished with baked on powder coat. Main beam shall connect to the base with 4 urethane torsion rods and the formed torsion box 8 gage galvanized plate finished with baked on powder coat. The base shall be one piece all welded construction consisting of formed 8 gage galvanized plate, 2" square tubing and 14 gage end plates. Finished with baked on powder coat. The anchor post shall be one piece all welded construction consisting of 8 gage galvanized plate, 5" OD x 11 ga tube and 8 gage galvanized plate gussets. Finished with baked on powder coat. Seats shall be HDPE sheet 3/4" thick. Hardware shall be stainless steel and zinc coated button head cap screws, hex head cap screws, washers, nuts & barrel nuts.

WW. Rocker, Standing [Burke Basics] Main beam shall be a one piece all welded construction consisting of 2 formed tubes and arched tube, 2 3/8" OD x 10 gage, 8 gage formed galvanized plates and 2 handles consisting of 1.029" OD x 14 gage galvanized tubing. Finished with baked on powder coat. Main beam shall connect to the base with 4 urethane torsion rods and the formed torsion box 8 gage galvanized plate finished with baked on powder coat. The base shall be one piece all welded construction consisting of formed 8 gage galvanized plate, 2" square tubing and 14 gage end plates. Finished with baked on powder coat. The anchor post shall be one piece all welded construction consisting of 8 gage galvanized plate, 5" OD x 11 ga tube and 8 gage galvanized plate gussets. Finished with baked on powder coat. Step plate shall be 1/4" steel plate coated with PVC. Hardware shall be stainless steel and zinc coated button head cap screws, hex head cap screws, washers, nuts & barrel nuts.

XX. Rock-n-ride, Aluminum [Burke Basics] Rider shall be one piece all welded construction consisting of cast aluminum alloy parts. Finished with a baked on powder coating. Mounting beam shall be 4" SQ x 1/8" wall steel tubing finished with a baked on powder coating. End caps shall be 3/4" extruded HDPE. Footrest, if needed, shall be one piece all welded construction consisting of 1/4" HR steel plate and 1/2" dia. HR steel round. Finished with a baked on powder coating. Spring shall be 20mm OD spring steel finished with a baked on powder coating. Spring anchor plate shall be DC04 grade cold rolled low carbon steel, formed and finished with a black baked on powder coating. Spring shall be 1/4" HR steel plate finished with a baked on powder coating. Spring anchor plate shall be 1/4" HR steel plate finished with a black baked on powder coating. Spring shall be 1/4" HR steel plate finished with a black baked on powder coating.

YY. Rock-n-ride, Flat Panel [Burke Basics] Panels shall be 3/4" co-extruded H.D.P.E. Seat panel shall be 1/2" co-extruded H.D.P.E. Mounting plates shall be 1/4" HR steel plate finished with a baked on powder coating. Plate and mounting bracket shall be 10 GA galvanized steel plate finished with a baked on powder coating. Spring shall be 20mm OD spring steel finished with a baked on powder coating. Spring anchor plate shall be DC04 grade cold rolled low carbon steel, formed and finished with a black baked on powder coat. Spacers shall be Nylon.

ZZ.Rock-n-ride, Flat Panel 2 seats [Burke Basics] Panels shall be 3/4" co-extruded H.D.P.E. Seat, back and steering wheel panels shall be 1/2" co-extruded H.D.P.E. Base plate and mounting brackets shall be 1/4" HR steel plate finished with a baked on powder coating. Plates shall be 10 GA galvanized steel plate finished with a baked on powder coating. Footrest shall be 3/16" stainless steel. Standoff shall be 1/2" OD threaded stainless steel tubing. Spring shall be 20mm OD spring steel finished with a baked on powder coating. Fortest shall be 3/16" stainless steel. Standoff shall be 1/2" OD threaded stainless steel tubing. Spring shall be 20mm OD spring steel finished with a baked on powder coating. Spring anchor plate shall be DC04 grade cold rolled low carbon steel, formed and finished with a black baked on powder coat. Spacers shall be Nylon.

AAA. Rock-n-ride, Flat Panels on Frame [Burke Basics] Panels shall be 3/4" coextruded H.D.P.E. Bottom plate shall be 1/4" HR steel plate finished with a baked on powder coating. Frame shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing, 1/4" HR steel plate, 3/8" stainless steel T-nuts, 3/8" zinc plated steel flange nuts. Finished with a baked on powder coating. Handle assembly shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized tubing and 3/8" stainless steel T-nuts. Finished with a baked on powder coating. Spring shall be 20mm OD spring steel finished with a baked on powder coating. Spring anchor plate shall be DC04 grade cold rolled low carbon steel, formed and finished with a black baked on powder coat. Spacers shall be Nylon.

BBB. RockIt Core Link [Burke Basics]

- 1. Core Beam 2 3/8" OD x 10 GA & 1.029" OD x 14 GA galvanized steel tubing, and 7 GA galvanized steel plate. Finished with a baked on powder coating.
- 2. U Channel Rope Connection Weldment consisting of formed channels and 7 GA galvanized steel plate. Finished with baked on powdercoat finish.
- 3. Core Rope Assembly Rope consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fiber, aluminum end connectors and ferrules with stainless steel screws.
- 4. Support Plate 8 gage steel plate, finished with baked on powdercoat finish.
- 5. Core Panel 3/4" extruded HDPE.

CCC. RockIt Curved, Offset and End Panel assemblies [Burke Basics] 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Molded professional grade rock climbing hold with stainless steel washers attached with stainless steel bolts.

DDD. RockIt Curved Ladder [Burke Basics] Weldment consisting of 2 formed channels, 10 gage galvanized steel, and formed rungs, 1.029" OD tubing. Finished with a baked on powdercoat.

EEE. RockIt End Ladder [Burke Basics] Weldment consisting of formed channels, 10 gage galvanized steel, formed rungs, 1.029" OD tubing and formed 3/16" stainless steel attachment plate. Finished with a baked on powdercoat.

FFF. RockIt Lateral Link [Burke Basics] Weldment consisting of 1.029" OD x 14 GA galvanized tubing and 10 GA galvanized sheet. Finished with a powder coat finish.

GGG. RockIt Odyssey Link [Burke Basics] Weldment consisting of formed 1.315" OD x 12 GA galvanized tubing and 10 GA galvanized sheet. Finished with a baked on powder coat finish. U channels consisting of formed 10 GA Galv. Sheet, Finished with a baked on powder coating.

HHH. RockIt Triple Ladder [Burke Basics] Weldment consisting of 3 formed channels, 10 gage galvanized steel, and formed rungs, 1.029" OD tubing. Finished with a baked on powdercoat.

III. RockIt Tunnel [Burke Basics]

- 1. Tunnel panel assemblies shall be1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Molded professional grade rock climbing hold with stainless steel washers attached with stainless steel bolts.
- 2. Tunnel end support Weldment consisting of formed channel, 10 gage galvanized steel, and 2.375" OD tubing. Finished with a baked on powdercoat finish.
- 3. Tunnel center support Weldment consisting of 10 gage galvanized steel plate, and 2.375" OD tubing. Finished with a baked on powdercoat finish.

JJJ.RockIt Z and U Posts [Burke Basics] Channel posts shall be formed channel, 10 gage galvanized steel. Finished with a baked on powdercoat. Cover plates shall be 10 gage galvanized steel plate. Finished with a baked on powdercoat. Anchor rods shall be 3/8" Diameter steel rod.

KKK. RockVenture CrissCross RR [Burke Basics] Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules. Brass Spacer shall be 7/16" OD X .028" wall thickness. Shim shall be black thermoplastic. Stainless steel button head cap screws.

LLL. RockVenture CrissCross RP and RockVenture CrissCross PP [Burke Basics] Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and an 8 GA galvanized steel sheet and finished with a baked on powder coating. Brass Spacer shall be 7/16" OD X .028" wall thickness. Shim shall be black thermoplastic. Stainless steel button head cap screws and washers.

MMM. RockVenture Rope Climbing Rock [Burke Basics] Rock shall be manufactured from Glass Fiber Reinforced Concrete (GFRC) with Alkali Resistant (AR) type glass fiber formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of rock is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Internal framework shall consist of welded square structural steel tubing with rebar reinforcements. Integrated rectangular tubing for lifting and anchoring shall be 7 GA low-carbon steel. Rope connection brackets shall be 8 GA galvanized steel plate.

NNN. RockVenture Suspension Ladder [Burke Basics] Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules. Chain shall be galvanized 4/0 straight link coil chain. Anchor tube shall be 1.315" OD x 12 GA galvanized steel tubing. Brass Spacer shall be 7/16" OD X .028" wall thickness. Shim shall be black thermoplastic. Stainless steel button head cap screws, nuts and washers.

OOO. RockVenture Traverse RR [Burke Basics] Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules. Brass Spacer shall be 7/16" OD X .028" wall thickness. Shim shall be black thermoplastic. Stainless steel button head cap screws.

PPP. RockVenture Traverse RP and RockVenture Traverse PP [Burke Basics] Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and an 8 GA galvanized steel sheet and finished with a baked on powder coating. Brass Spacer shall be 7/16" OD X .028" wall thickness. Shim shall be black thermoplastic. Stainless steel button head cap screws and washers.

QQQ. Ropeventure Epic [Burke Basics] Ball connectors to be cast aluminum, finished with a baked on powder coating. Tube framing consisting of 3/8" OD galvanized steel tubing with zinc-plated steel inserts, finished with a baked on powder coating. 20 mm diameter and 22mm diameter polyamide (nylon) rope cable net with

UV protection and one-piece compressed aluminum ball knots, hand finished. Rubber matting platforms. Anchor plates to be weldments consisting of galvanized 5/16" steel plate, 2 3/8" OD galvanized steel tubing with aluminum inserts, finished with a baked on powder coating. Stainless steel hardware, shackle loops, cap holders and bolts. Yellow chromate finish steel anchors and fastening hardware. Molybdenum metal-free high-pressure anti-seize lubricating paste.

RRR. Ropeventure Revolv, Revolv Attachment Climbers [Burke Basics] Anchor tubes shall be 2 3/8" OD x 12 GA galvanized steel tubing, finished with a baked on powder coat. Node caps shall be linear, low density, rotationally molded, UV stabilized polyethylene with double wall construction, with molded in 1/4" T-nut inserts, and a textured surface. Revolv base and top rings are one piece all welded construction consisting of 2 7/8" OD x 8 GA and 2 3/8" OD x 12 GA galvanized tubing, finished with a baked on powder coat. The bottom and top attachment support are one piece all welded construction consisting of 2 3/8" OD and 1.9" OD x 11 GA galvanized tubing, 8 GA galvanized plating, 1/4" clear zinc chromate coated HRS plating, and stainless steel machined material, finished with a baked on powder coat. The bottom and top vertical support are one piece all welded construction consisting of 2 3/8" OD galvanized tubing, and 8 GA galvanized plating, finished with a baked on powder coat. The middle ring shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized tubing, 8 GA galvanized plating, and 1/4" clear zinc chromate coated HRS plating, finished with a baked on powder coat. Hardware is stainless steel. The net is rope consisting of 6 right hand, regular lay strands, closed around a synthetic fiber core, with polyester fibers connected with crimped aluminum end and cross connectors. Panels are 1/2" and 3/4" extruded HDPE. Climber frames are one piece all welded construction consisting of 8 GA and 10 GA galvanized steel plating, 2.375" OD x 10 GA and 12 GA galvanized steel tubing, and 1.315" OD x 12 GA galvanized steel tubing, finished with a baked on powder coat. Bubble mirror HDPE assembly consisting of routed HDPE panels 1/2", polycarbonate bubble window with mirror finish, SS hardware. Clicker HDPE assembly consisting of routed HDPE panels 1/2", UHMW shaft supports and flapper, Nylon sprocket, bronze bushing, SS shaft, SS hardware. Hypno HDPE assembly consisting of routed HDPE panels 1/2", bronze bushing, SS shaft standoff, injection molded HDPE bolt covers, SS hardware. Raindrops HDPE assembly consisting of routed HDPE panels 1/2", Polycarbonate windows, SS balls, sealed ball bearings, injection molded HDPE bolt covers, SS hardware.

SSS. Ropeventure Sky5, Sky5XL [Burke Basics] Main and upper posts (XL) to be 5 1/2" OD galvanized steel tubing, finished with a baked on powder coating. Post stub to be one piece welded construction consisting of galvanized steel tubing and plate. Anchor plates to be galvanized steel plate, yellow chromate finish steel L-anchor bolts. Rubber shock ring, galvanized steel turnbuckles with PVC coating. Net assembly consisting of 20 mm diameter and 22 mm diameter, polyamide (nylon) rope cable with UV protection. Ball knots will be a one-piece compressed aluminum ball, hand finished. Galvanized steel and stainless steel shackles and pins. Pane assembly of rubber matting and aluminum clamps. Yellow chromate finish steel, black oxide finish steel and stainless steel hardware. TTT. Ropeventure Sky5 Perch Seat [Burke Basics] Seat assembly shall consist of a rubber matting, with 1.5mm thk stainless steel reinforcement plate and stainless steel hardware.

UUU. Ropeventure Vertex [Burke Basics] Ball connectors to be cast aluminum, finished with a baked on powder coating. Tube framing consisting of 3/8" OD galvanized steel tubing with zinc-plated steel inserts, finished with a baked on powder coating. 20 mm diameter and 22mm diameter polyamide (nylon) rope cable net with UV protection and one-piece compressed aluminum ball knots, hand finished. Rubber matting platforms. Anchor plates to be weldments consisting of galvanized 5/16" steel plate, 2 3/8" OD galvanized steel tubing with aluminum inserts, finished with a baked on powder coating. Stainless steel hardware, shackle loops, cap holders and bolts. Yellow chromate finish steel anchors and fastening hardware. Molybdenum metal-free high-pressure anti-seize lubricating paste.

VVV. Rotating Sand Table [Burke Basics] Bearings shall be oil impregnated bronze. Tables shall be 3/4" extruded high-density polyethylene. Elbow shall be one piece all welded construction consisting of 12 GA galvanized steel plate, 1.900" OD x 11 GA galvanized steel tubing and 1/2" diameter HR steel rod finished with a baked on powder coating. Funnel shall be linear, low density, rotationally molded, U.V. stabilized, polyethylene. Support post shall be one piece all welded construction consisting of 1.660" OD x SCH 80 galvanized steel pipe and 10 GA galvanized steel plates finished with a baked on powder coating. Upper Support shall be one piece all welded construction consisting of 10 GA galvanized sheet steel, 2 3/8" OD x 3/16" wall steel tubing and a 3/8" zinc plated carriage bolt finished with a baked on powder coating.

WWW. Sand/Water Tables [Burke Basics] Connector plate shall be 12 GA steel plate with a baked on powder coating. Panels shall be 3/4" extruded and co-extruded high-density polyethylene. Support post shall be one piece all welded construction consisting of 12 GA galvanized steel plate and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Spacer shall be 1/4" nylatron GS. Sand chute shall be an assembly consisting of 3/8" X 2" SS cap screws, 3/8" SS nuts, 3/8" SS flat washers, oil impregnated bronze bearings, 1/2" OD x .058" wall steel tubing, one piece all welded lower consisting of 1.900" OD x 11 GA galvanized steel tubing, 12 GA HRPO steel plate, & 10 galvanized steel plate, one piece all welded middle consisting of 2 3/8" OD x 12 GA galvanized steel tubing, 3/8" dia. HR steel round, 14 GA galvanized steel plate, & 1/4" HR steel plate, and one piece all welded upper consisting of 7 GA & 12 GA HRPO steel plate and 3/16" HR steel plate. Finished with a baked on powder coating. Posts shall be assemblies consisting of 2 3/8" OD x 12 GA galvanized steel tubing, cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Tubing and cap finished with a baked-on powder coating. Sand dish shall be an assembly consisting of 1/8" & 1/4" aluminum plate, 1/8" rubber gasket, 16 GA stainless steel plate, stainless steel tubular rivets, 1 5/8" OD nylon knobs, 3/8" X 1 3/4" SS cap screw, and a one piece welded construction consisting of 1/8" spun aluminum and 1/2" aluminum plate finished with a baked on powder coating.

XXX. Sand/Water Tables [Nucleus, Voltage, Little Buddies] at Ground Level shall attach to structures using mounting tubes which are attached to Sand Table panel with a Sand Dish assembled in it held up with support posts on the opposite ends of the panel.

- Mounting tube [Nucleus, Voltage] shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate. [Little Buddies] shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, 10 GA galvanized steel plate and 3/4" x 1" HR steel. All finished with a baked on powder coating.
- 2. Sand table end panel shall be 3/4" extruded high-density polyethylene.
- 3. Sand dish shall be an assembly consisting of 1/8" & 1/4" aluminum plate, 1/8" rubber gasket, 16 GA stainless steel plate, stainless steel tubular rivets, 1 5/8" OD nylon knobs, 3/8" X 1 3/4" SS cap screw, and a one piece welded construction consisting of 1/8" spun aluminum and 1/2" aluminum plate finished with a baked on powder coating.
- 4. Support post shall be one piece all welded construction consisting of 12 GA galvanized steel plate and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating

YYY. Single Post ShadePlay Canopy [Burke Basics] Shade fabric shall be knitted of monofilament and tape construction high density polyethylene with Ultra Violet stabilizers. Attachment cables shall be .31" diameter vinyl covered galvanized cable with galvanized turnbuckle and will be pre-inserted into canopy hem. Canopy rafters and roof connectors shall each be one piece all welded construction of 1.660" OD, 1900" OD, 2 3/8" OD and/or 3 1/2" OD galvanized steel tubing finished with a baked on powder coating. End cap shall be aluminum finished with a baked on powder coating. Center post shall 5" OD x 7 GA galvanized steel tube with a baked on powder coating finish.

ZZZ. See Saw [Burke Basics] Rider shall be one piece all welded construction consisting of cast aluminum alloy parts. Finished with a baked on powder coating. Mounting plate shall be 1/4" HR steel finished with a baked on powder coating. Spring casting shall be hot-dipped galvanized, grade 32510, malleable iron. Seat shall be cast aluminum alloy finished with a baked on powder coating. Spring cover shall be EPDM Elastomer compound flexible tube. Spring shall be one piece all welded construction consisting of 13/16" OD spring steel and 3/4" diameter HR steel round finished with a black baked on powder coating.

1. Four-unit frame shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA galvanized steel tubing, 1/4" & 7 GA HR steel plate, and 1/2" dia. steel rod. Finished with a baked on powder coating.

- 2. Two unit frame shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA galvanized steel tubing, 1/4" & 7 GA HR steel plate, and 1/2" OD steel rod. Finished with a baked on powder coating.
- 3. Four seat In-Line bottom frame shall be one piece all welded construction consisting of 3 1/2" OD x 11GA galvanized tubing, 1.315" OD x 12 GA galvanized tubing, 1/4" plate of hot rolled steel, 1 3/8" OD x .120 wall tubing and 14 GA galvanized plate. Finished with a baked on powder coating.
- 4. Four seat In-Line top frame shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA galvanized steel tubing, 10 & 8 GA galvanized steel plate, 1 3/8" OD x .120 wall tubing and 1/2" OD steel rod. Finished with a baked on powder coating.

AAAA. Snare Drum Element [Burke Basics] Drum, 15" shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Panel, snare drum element shall be 3/4" co-extruded HDPE. Post cap insert shall be 1/2" extruded HDPE. Post cap shall be 3/4" extruded HDPE. Formed end tube shall be one piece all welded construction consisting of 2.375" OD X 10 GA galvanized tubing, 14 GA galvanized sheet steel, and zinc plated steel inserts. Finished with a baked on powder coat. Bracket w/ tab shall be one piece all welded construction consisting of formed 10 GA galvanized sheet steel and 8 GA galvanized sheet steel. Finished with a baked on powder coat. Hardware package shall be stainless steel button head cap screws, nuts and washers.

BBBB. Spider Web (post to post) [Nucleus] Beam shall be one piece all welded construction consisting of formed 2 7/8" OD x 8 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028"
Wall. Rope Assembly rope shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

CCCC. Spider Web (FS) [Burke Basics] Frame sections shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing and 7 GA stainless steel sheet. Finished with a baked on powder coating. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

DDDD. Spinetic [Burke Basics] Base shall be one piece all welded construction consisting of machined steel shafts zinc chromated and 5" OD X 7 GA galvanized steel tubing finished with a baked on powder coating. Hub shall be one piece all welded construction consisting of 5.5" OD steel tubing zinc chromated, 1.315" OD X 12 GA galvanized steel tubing, and 8 GA galvanized steel sheeting finished with a baked on powder coating. Center ring shall be one piece all welded construction consisting of 1.66" OD X 12 GA galvanized steel tubing and 8 GA galvanized steel sheeting finished with a baked on powder coating. Center post shall be one piece all welded construction consisting of 5" OD X 7 GA galvanized steel tubing, 5.5" OD steel tubing zinc chromated, 8 GA galvanized steel sheeting, and 3/8-16 weld nuts finished with a baked on powder coating. Bearings shall be heavy duty, precision thrust, sealed ball bearing. Top and bottom covers shall be HDPE. Rope assemblies shall be 16mm rope, aluminum end connectors and ferrules. Intensity shim package shall be black thermoplastic. Hardware package shall be stainless steel. Post cap, 5" OD (7GA) shall be machined aluminum cap. Finished with a baked on powder coating. O-rings shall be a 70A Buna-N rubber. Brass spacer 7/16" OD X 1 ¹/₄" shall be brass tube 7/16" OD X .028" wall. Speed limiter, volta spinner shall be an assembly consisting of a high torque low speed hydraulic motor with flow control valving, a stainless steel motor coupling, a steel bracket, stainless steel set screws, zinc plated steel hardware, steel hydraulic fittings and hose ends.

EEEE. Step Spot Pod [Burke Basics, Intensity, Nucleus] Pod top shall be formed 1/2" extruded HDPE. Pod bottom shall be 1/4" rotationally molded LLDPE. Pod support shall be all welded 2 3/8" OD X 12 GA galvanized steel tube, 8 GA galvanized steel plate, 3/8" nut inserts finished with a baked on powder coating.

FFFF. Step-Up [Burke Basics] Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Tops shall be formed 1/8" sheet steel with studs welded into place. PVC coated after fabrication.

GGGG. Swift Twist Spinner [Burke Basics] Split cover plate, insert knob and cover knob shall be extruded HDPE. Center post shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing and 1/4" HR steel plate. Finished with a baked on powder coating. Bearings shall be heavy duty, precision thrust, sealed ball bearing. Bracket shall be one piece all welded construction consisting of 3 1/2" OD x 3/8" wall DOM steel tubing, 1/4" HR steel plate, and 10 GA galvanized steel plate. Finished with a baked on powder coating. Anchor shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing and 1 7/8" dia. solid steel round. Finished with a baked on powder coating.

HHHH. Tom-Tom Drums Element [Burke Basics] Drum, 10" shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Panel, tom-tom drums element shall be 3/4" co-extruded HDPE. Post cap insert shall be 1/2" extruded HDPE. Post cap shall be 3/4" extruded HDPE. Formed end tube shall be one piece all welded construction consisting of 2.375" OD X 10 GA galvanized

tubing, 14 GA galvanized sheet steel, and zinc plated steel inserts. Finished with a baked on powder coat. Bracket w/ tab shall be one piece all welded construction consisting of formed 10 GA galvanized sheet steel and 8 GA galvanized sheet steel. Finished with a baked on powder coat. Hardware package shall be stainless steel button head cap screws, nuts and washers.

IIII. Touch & Play Drum Element [Burke Basics] Formed end tube shall be one piece all welded construction consisting of 2.375" OD X 10 GA galvanized tubing, 14 GA galvanized sheet steel, and zinc plated steel inserts. Finished with a baked on powder coat. Post cap insert shall be 1/2" extruded HDPE. Post cap shall be 3/4" extruded HDPE. Bracket w/ tab shall be one piece all welded construction consisting of formed 10 GA galvanized sheet steel and 8 GA galvanized sheet steel. Finished with a baked on powder coat. T-20, 3/8" tamper proof drive bit shall be heat treated S-2 alloy steel. Hardware package shall be stainless steel button head cap screws, nuts and washers. Touch and play drum element assembly shall be 3/4" co-extruded HDPE, 3/4" extruded HDPE, 1/2" extruded HDPE, stainless steel touch-sensors, commercial grade electronics, water-proof marine grade speaker, water-resistant rubber seals and foam gaskets & stainless steel hardware.

JJJJ. Touch & Play Guitar Element [Burke Basics] Formed end tube shall be one piece all welded construction consisting of 2.375" OD X 10 GA galvanized tubing, 14 GA galvanized sheet steel, and zinc plated steel inserts. Finished with a baked on powder coat. Post cap insert shall be 1/2" extruded HDPE. Post cap shall be 3/4" extruded HDPE. Bracket w/ tab shall be one piece all welded construction consisting of formed 10 GA galvanized sheet steel and 8 GA galvanized sheet steel. Finished with a baked on powder coat. T-20, 3/8" tamper proof drive bit shall be heat treated S-2 alloy steel. Hardware package shall be stainless steel button head cap screws, nuts and washers. Touch and play guitar element assembly shall be 3/4" co-extruded HDPE, 3/4" extruded HDPE, 1/2" extruded HDPE, stainless steel touch-sensors, commercial grade electronics, water-proof marine grade speaker, water-resistant rubber seals and foam gaskets & stainless steel hardware.

KKKK. Touch & Play Piano Element [Burke Basics] Formed end tube shall be one piece all welded construction consisting of 2.375" OD X 10 GA galvanized tubing, 14 GA galvanized sheet steel, and zinc plated steel inserts. Finished with a baked on powder coat. Post cap insert shall be 1/2" extruded HDPE. Post cap shall be 3/4" extruded HDPE. Bracket w/ tab shall be one piece all welded construction consisting of formed 10 GA galvanized sheet steel and 8 GA galvanized sheet steel. Finished with a baked on powder coat. T-20, 3/8" tamper proof drive bit shall be heat treated S-2 alloy steel. Hardware package shall be stainless steel button head cap screws, nuts and washers. Touch and play drum element assembly shall be 3/4" co-extruded HDPE, 3/4" extruded HDPE, 1/2" extruded HDPE, stainless steel touch-sensors, commercial grade electronics, water-proof marine grade speaker, water-resistant rubber seals and foam gaskets & stainless steel hardware.

LLLL. Treasure Chest [Burke Basics] Manufactured from Glass Fiber Reinforced Concrete (GFRC). Base concrete shall be minimum compressive strength of 4,000

psi.Glass fiber is Alkali Resistant (AR) type glass formulated for concrete. Material thickness shall be approximately 1". Finished and colored with a UV resistant, non-fading acrylic vinyl paint. Anchor is 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating attached with stainless steel hardware.

MMMM. Tri-Rider [Burke Basics] Casting shall be hot-dipped galvanized, grade 32510, malleable iron. Mounting plate shall be 1/4" HR steel plate finished with a baked on powder coating. Spring cover shall be EPDM Elastomer compound flexible tube. Spring shall be one piece all welded construction consisting of 13/16" OD spring steel and 3/4" diameter HR steel round finished with a black baked on powder coating. Tri-rider frame shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA galvanized steel tubing, 1/4" HR steel plate, and 7 GA HR steel plate. Finished with a baked on powder coating. Panels shall be 3/4" co-extruded H.D.P.E. Seat frame shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel flange nuts. Finished with a baked on powder coating. Handle shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel flange nuts. Finished with a baked on powder coating. Handle shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel flange nuts. Finished with a baked on powder coating. Handle shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel flange nuts. Finished with a baked on powder coating. Handle shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized tubing and 3/8" stainless steel T-nuts. Finished with a baked on powder coating.

NNNN. Triple Drum Table, Single Drum Table [Burke Basics] Panel shall be 3/4" extruded HDPE. Drums shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Support post shall be one piece all welded construction consisting of 12 GA galvanized steel plate and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

OOOO. Turning Bar [Burke Basics] Casting shall be hot-dipped galvanized, grade 32510, malleable iron. Posts shall be one piece all welded construction consisting of 2 3/8" OD x 13 GA galvanized steel tubing and 10 GA galvanized sheet steel. Turning bar shall be an assembly consisting of 1.05" OD x SCH 40 galvanized steel pipe, hot dipped galvanized grade 32510 malleable iron castings, and zinc plated steel rivets.

PPPP. Turtle Top [Burke Basics] Sand box cover system.

- Post shall consist of 1/4" wall cast aluminum cap, one piece weldment consisting of 5" OD x .120" wall galvanized tubing , 12 GA galvanized sheet, 7 GA HRPO sheet and 1/4 " HRS Plate, finished with a baked on powder coating. Vinyl identification label shall be applied to one post.
- 2. Cover plate assembly shall be one piece weldment consisting of 11 GA galvanized steel & 3/8 diameter HRS Round, finished with a baked on powder coating. Wool/ rayon felt assembled on back.
- 3. Counter weight system shall consist of; counter weight, one piece weldment consisting of 12 GA galvanized sheet steel & 2" RD HR, finished with a baked on powder coating; 3 1/16" OD X 3/8" ID pulley and 3/8" SHAFT COLLAR, both zinc plated steel; and a cable assembly consisting of zinc

plated copper sleeve, hot dipped galvanized steel thimble & 1/8" diameter galvanized wire rope. Cable restraint shall be 3/4" extruded HDPE.

- 4. Turtle Top Shade Canopy shall be monofilament and tape construction high density polyethylene knitted shade fabric
- 5. Canopy frame shall be 1 1/2" square aluminum tube finished with a baked on powder coating, corner assembly weldment consisting of 14 GA. galvanized sheet metal finished with a baked on powder coating and formed canopy support tubes made from 1.029" OD galvanized tubing.
- 6. Canopy frame attachments shall be 3/8 Stainless steel rod, 1" Diameter UHMW stand off and 1/2" ID CPVC Pipe sleeve.
- 7. 8" X 4' STONE BORDER W/ 30" DRIVE PIN: 1/8" thick, linear, low density, recycled polyethylene with double wall construction and a textured outside surface. Drive Pins: 3/4" dia. galvanized steel.

QQQQ. Verve Climbers, Verve XS Climbers [Burke Basics, Synergy] Climbers are one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 1.315" OD x 14 GA galvanized steel tubing. Finished with baked on powder coat. Connectors are one piece all welded construction consisting of 10 GA galvanized steel plate and 2 3/8" OD x 12 GA galvanized steel tubing, 2 3/8" OD X 12 GA galvanized steel tubing, 2 3/8" OD X 12 GA galvanized steel tubing, 2 3/8" OD X 12 GA galvanized steel tubing, 2 3/8" OD X 12 GA galvanized steel tubing. Finished with baked on powder coat. Hardware shall be stainless steel screws and barrel nuts.

RRRR. Volito, Volito Add-On Bay [Burke Basics] Rope shall consist of 16mm diameter polyamide (nylon) rope cable with UV protection. Aluminum end connectors & ferrules and stainless steel ferrules. Swaged posts shall be $3\frac{1}{2}$ OD x 11GA galvanized steel tubing finished with a baked on powder coating. Swing Arch shall be one piece all welded construction consisting of $3\frac{1}{2}$ OD x 11 GA galvanized steel tubing, machined stainless steel and baked on powder coat. [Add-on] Leg, Volito add-on bay shall be one piece all welded construction consisting of $3\frac{1}{2}$ OD x 11 GA galvanized steel tubing, 1.029" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coat finish. Rod and swing pivot consists of stainless steel. Brass spacer made from brass 7/16" OD X .028" wall brass tube. Swing Dish consisting of formed steel with a powder coated finish and a rubber bumper with cast aluminum connectors and stainless steel hardware. Swing pivots consisting of machined stainless steel finished with a baked on powder coated finish and a rubber bumper with cast aluminum connectors and stainless steel hardware. Swing pivots consisting of oil impregnated bronze.

SSSS. Volta Inclusive Spinner [Burke Basics] Bearing shall be heavy duty, precision thrust, sealed ball bearing. Plastic spinner top is linear, low density rotationally molded, U.V. stabilized, polyethylene, .250" thick, double wall construction. Textured outside surface. Spinner base is one piece all welded construction consisting of 3 1/4" OD DOM steel tubing, 1/4" & 7 GA HR steel plate, and 2 3/4" dia. steel round with e-coat plating. Finished with a baked on powder coat.

Spinner support frame is one piece all welded construction consisting of 5 1/2" OD x 3/8" wall DOM steel tubing hub with 1.9" OD galvanized steel support arms, 8 GA mounting plate, 12 GA mounting plate, and 12 GA preventative plate, finished with a baked on powder coating. Speed limiter shall be an assembly consisting of a high torque low speed hydraulic motor with flow control valving, a stainless steel motor coupling, a steel bracket, stainless steel set screws, zinc plated steel hardware, steel hydraulic fittings and hose ends.

TTTT. Wobbly Web, Freestanding [Burke Basics] Rope assembly, wobbly web shall be rope consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules with stainless steel screws. Plate, 10GA, 7.125 OD w/6 holes shall be 10 GA galvanized steel plate finished with a baked on powder coating. Panels shall be 3/4" extruded and co-extruded H.D.P.E. U-Bolt, 1/2"-13 x 3" SS shall be stainless steel. Hardware package shall be stainless steel screws, nuts & washers and bronze bushings.

UUUU. Wobbly Web Post [Burke Basics] Weldment, wobbly web post shall be one piece all welded construction consisting of 10 GA galvanized steel plate and a 5" OD X 7GA post, finished with a baked on powder coating. Panel, 9" OD w/3 CB shall be 3/4" extruded H.D.P.E. U-Bolt, 1/2"-13 x 3" SS shall be stainless steel. Hardware package shall be stainless steel screws, nuts & washers.

VVVV. Zipventure 100ft [Burke Basics] Anchor Arch shall be ¹/₂" steel plate, zinc plated and 5" OD x 11 GA galvanized steel tubing. Finished with a baked on powder coating. Anchor Arch Support will be made of 5" OD x 11 GA galvanized steel tubing. Finished with a baked on powder coating. Top and Curved Ramps are one piece all welded construction consisting of 12 GA and 7 GA HRPO sheet steel. Finished with PVC coating. Entrance Ramp shall be made of 7 GA HRPO steel sheet. Finished with PVC coating. Trolley Pendulum shall be 11 GA galvanized sheet steel. Finished with a baked on powder coating. Trolley Chain Cover will be made of EPDM rubber. Zip Line Seat shall be EPDM rubber and galvanized sheet steel. Clevis Shackle w/Bolt consists of 5/16" galvanized steel shackle with a 3/8" x 1 ¹/₂" bolt Wire Rope made of Galvanized steel wire rope with one end swaged into a loop around a heavy-duty galvanized thimble. Zip Line Brake and Bumper made of Stainless steel, EPDM rubber and PVC plastic. Turnbuckle and Trolley Center Links made of machined aluminum. Zip Line Tensioning Kit consists of steel come-along with yellow dichromate and bright zinc finishes and polyester webbing. Bronze Bearing consists of oil-impregnated bronze. Spherical Bearing made of alloy steel, heat treated, hard chrome plated. PTFE liner. Side Climber shall be 2.375" OD x 10 GA galvanized steel tubing and 1.315" OD x 12 GA galvanized steel tubing. Finished with baked on powder coating. Threaded Inserts are 1 3/8" OD HDPE Plastic. Short and Long Posts made of 2.375" OD x 10 GA galvanized steel tubing. Finished with a baked on powder coating.5/8" Eye Bolt is alloy steel finished with zinc plating. Pendulum Casting made of galvanized plated, grade 32510, malleable iron. Headless Pin and Wire Clips are galvanized steel. Covers and Platform Tread made from ¹/₂" extruded HDPE. Galvanized Chain shall be 3/8" diameter, 4/0 straight coil chain. Rope Pulley Consists of stainless steel and sealed

bearings. Ground Shaft stainless steel. Hardware shall be stainless steel fasteners, galvanized alloy steel, black vinyl.

ZipVenture Freedom & ZipVenture Duo [Burke Basics] Crossbar arch WWWW. shall be one piece welded construction consisting of zinc plated 1/2" steel plate, and 5" OD X 11 GA galvanized steel tubing finished with a baked on powder coating. Front leg shall be one piece welded construction consisting of 5" OD X 11 GA galvanized steel tubing finished with a baked on powder coating. The seat support shall be one piece welded construction consisting of 1/2" and 3/8" machined carbon steel plates with a zinc chromate corrosion protective coating and 1.900" OD X 11 GA galvanized steel tubing finished with a baked on powder coat. The platform supports shall be one piece welded construction consisting of 5" OD X 11 GA galvanized steel tubing, 8 GA galvanized steel plate and 1/4" HRPO steel plate with a zinc chromate corrosion protective coating all finished with a baked on powder coat. The platforms shall be constructed with 12 GA HRPO steel finished with a PVC coating. The chain shall be 4/0 chain finished with a PVC coating. Trolley Chain Cover will be made of EPDM rubber. Zip Line Seat shall be EPDM rubber and galvanized sheet steel. Clevis Shackle w/Bolt consists of 5/16" galvanized steel shackle with a 3/8" x 1 ¹/₂" bolt Wire Rope made of Galvanized steel wire rope with one end swaged into a loop around a heavyduty galvanized thimble. Zip Line Brake and Bumper made of Stainless steel, EPDM rubber and PVC plastic. Turnbuckle and Trolley Center Links made of machined aluminum. Zip Line Tensioning Kit consists of steel come-along with yellow dichromate and bright zinc finishes and polyester webbing. Bronze Bearing consists of oil-impregnated bronze. Spherical Bearing made of alloy steel, heat treated, hard chrome plated. PTFE liner. Eye Bolt is alloy steel finished with zinc plating. Pendulum Casting made of galvanized plated, grade 32510, malleable iron. Headless Pin and Wire Clips are galvanized steel. Covers are made from ¹/₂" extruded HDPE. Galvanized Chain shall be 3/8" diameter, 4/0 straight coil chain. Rope Pulley Consists of stainless steel and sealed bearings. Ground Shaft stainless steel. Hardware shall be stainless steel fasteners, galvanized alloy steel, black vinyl.

2.07 Burke Basics – Park & Site Amenities

- A. Benches [Burke Basics]
 - 1. Seats and Backs
 - a. Wood: #1 natural finish Southern Yellow Pine -OR- #1 natural finish Southern Yellow Pine pressure treated with Alkaline Copper Quaternary (ACQ) preservative to 0.25 pcf retention level, kiln dried after treatment -OR- Maple [4/4, Grade: Select or better].
 - b. Punched Steel/Park Bench: One-piece all welded construction consisting of 14 GA HRPO steel. PVC coated after fabrication.
 - c. Insignia Bench Back Plate: Sheet steel finished with a baked on powder coating.
 - d. Aluminum: 6063-T extruded anodized aluminum.
 - e. Recycled Plastic: 100% post consumer, high-density polyethylene plastic with U.V. light inhibitors.

- 2. Legs
 - a. Super Strong Bench Leg: One piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 galvanized sheet steel. All welds painted with a cold galvanize compound.
 - b. Contour Bench Leg: One piece all welded construction consisting of 3/8" X 4" HRS steel and 2" x 2" x .125" wall square steel tube. Finished with black baked-on outdoor enamel.
 - c. Multi-Use Bench Leg: One piece all welded construction consisting of 3/8" X 4" HRS steel and 2" x 2" x .125" wall square steel tube. Finished with black baked-on outdoor enamel.
 - d. Traditional Bench Leg: One piece all welded construction consisting of 3/8" X 4" HRPO steel, leg support 2" x 2" x .125 wall square steel tube. Finished with black baked-on outdoor enamel.
 - e. PVC Backless Bench Leg: One piece, all welded construction, consisting of 2.375" OD x 12 GA steel tubing and sheet steel. Finished with baked on powder coating.
- 3. Memorial Plate
 - a. Memorial plate shall be 16 GA stainless steel.
 - b. PVC back with plate shall be one piece all welded construction consisting of 14 GA HRPO steel. PVC coated after fabrication.
- 4. Novo Bench with Back, Portable Novo Bench with Back: Seat and back panel are 3/4" extruded HDPE plastic. Bench slats are one piece all welded construction consisting of 10 GA galvanized sheet steel and galvanized hex nuts. Finished with a baked on powder coating. Anchor is one piece all welded construction consisting of 2 3/8" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Bench weldment is one piece all welded construction consisting of 8 GA and 10 GA galvanized steel plate, 2.375" OD x 10 GA galvanized steel tubing, and 1.900" OD x 11 GA galvanized steel tubing. Finished with a baked on powder coating.
- B. Bike Racks [Burke Basics]
 - 1. Contemporary: 2 3/8" OD x 12 GA galvanized steel tubing. Optional finish with a baked on powder coating.
 - 2. Double Face Extra Heavy Duty: T-fitting shall be a formed 12 GA galvanized steel plate. Base flange shall be hot-dipped galvanized, grade 32510, malleable iron. Bracing and legs shall be 1.660" OD x 13 GA galvanized steel tubing. Rack shall be an assembly consisting of 1.660" OD x 13 GA galvanized steel tubing, 11/16" OD x SCH 40 galvanized steel tubing, and steel rivets.

- 3. Double Face Heavy Duty: Plug shall be hot-dipped galvanized, grade 32510, malleable iron. Spokes shall be 11/16" OD x SCH 40 galvanized steel tubing. Frame shall be 1.660" OD x 13 GA galvanized steel tubing.
- 4. Novo BikeRack: Anchor is one piece all welded construction consisting of 2 3/8" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Bike rack frame is one piece all welded construction consisting of 2 3/8" OD X 12 GA galvanized steel tubing, 1.315" OD X 12 GA galvanized steel tubing, and 8 GA galvanized steel plating. Finished with a baked on powder coating. Hardware shall be stainless steel screws, washers, and nuts.
- 5. Single Face Extra Heavy Duty: T-fitting shall be a formed 12 GA galvanized steel plate. Base flange and plug shall be hot-dipped galvanized, grade 32510, malleable iron. Bracing and legs shall be 1.660" OD x 13 GA galvanized steel tubing. Rack shall be an assembly consisting of 1.660" OD x 13 GA galvanized steel tubing, 11/16" OD x SCH 40 galvanized steel tubing, and steel rivets.

C. Grills [Burke Basics] Post shall be 2 3/8" OD x 12 GA galvanized steel tubing. Firebox shall be one piece all welded construction box consisting of 7 GA HRPO sheet steel and a malleable iron casting mount or 2 7/8" OD x 8 GA galvanized steel tubing. Grill shall be one piece all welded construction consisting of 1/2" steel rod and zinc plated spring handles. Finished with a baked on powder coating.

D. Litter Container [Burke Basics] Liner shall be plastic. Permanent support shall be one piece all welded construction consisting of 1.660" OD x 13 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating. Portable support shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating. Frame shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating. Frame shall be one piece all welded construction consisting of 10 GA galvanized steel plate, 1/8" HR steel plate, 3/8" dia. HR steel round. Finished with a baked on powder coating.

- 1. Redwood slats shall be clear sapwood.
- 2. Plastic slats shall be 100% recycled post-consumer, high-density polyethylene plastic with U.V. inhibitors.
- 3. Pine slats shall be #1 natural finish Southern Yellow Pine pressure treated with Alkaline Copper Quaternary (ACQ) preservative to 0.25 pcf retention level, kiln dried after treatment.

E. Litter Container, PVC [Burke Basics] shall be one piece all welded construction consisting of 14 GA HRPO steel. PVC coated after fabrication. Thirty-two gallon Liner shall be plastic. Permanent support shall be one piece all welded construction consisting of 1.660" OD x 13 GA galvanized steel tubing and 10 GA galvanized steel plate and finished with a baked on powder coating. Cover choices consist of the following below.

- 1. Plastic Dome Cover shall be made of linear, low density, U.V. stabilized polyethylene and has a smooth outside surface.
- 2. Metal Dome Cover shall consist of one piece with hinged door constructed from galvanized steel. Powder coat finish after fabrication.
- 3. PVC Flat Cover shall consist of one piece all welded construction consisting of 10 GA HRPO steel. PVC coated after fabrication.

F. Novo Litter Container, Stationary and Portable [Burke Basics] Shell shall be one piece all welded construction consisting of 14 GA galvanized sheet, 12 GA galvanized sheet, and 1.315" OD X 12 GA galvanized tube. Finished with a baked on powder coating. Support shall be one piece all welded construction consisting of 1.660" X 13 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating. Litter container frame shall be one piece all welded construction consisting of 1.900" OD X 11 GA formed galvanized tubes and 1.660" X 12 GA galvanized tubes. Finished with a baked on powder coating. Litter container frame shall be one piece all welded construction consisting of 1.900" OD X 11 GA formed galvanized tubes and 1.660" X 12 GA galvanized tubes. Finished with a baked on powder coating. Liner, 32 gallon shall be plastic. Press fit feet shall be round plastic press fit or black plastic.

- 1. Dome Cover, metal shall be all one piece with hinged door constructed from galvanized steel. Powder coat finish after fabrication.
- 2. Flat Cover, PVC shall be one piece all welded construction consisting of 10 GA HRPO steel. PVC coated after fabrication.
- 3. Dome Cover, Plastic shall be made of linear, low density, U.V. stabilized polyethylene and has a smooth outside surface.
- G. Picnic Tables [Burke Basics]
 - 1. Seats and Table Tops
 - a. Wood: #1 natural finish Southern Yellow Pine -OR- #1 natural finish Southern Yellow Pine pressure treated with Alkaline Copper Quaternary (ACQ) preservative to 0.25 pcf retention level, kiln dried after treatment.
 - b. Punched Steel/Park: One piece all welded construction consisting of 14 GA HRPO steel. PVC coated after fabrication.
 - Novo seat: One piece all welded construction consisting of 1.315" OD x 14 GA galvanized tubing and 12 GA galvanized sheet steel. Finished with a baked on powder coating. Stainless steel hardware.
 - d. Novo table: One piece all welded construction consisting of 1.315" OD x 12 GA galvanized tubing and 12 GA galvanized sheet steel. Finished with a baked on powder coating. Stainless steel hardware.
 - e. Recycled Plastic: 100% post consumer, high-density polyethylene plastic with U.V. light inhibitors.
 - 2. Legs
 - a. Tot, Wood, Recycled plastic:10 GA galvanized sheet steel angles, 1.315" OD x 14 GA galvanized steel tubing support brace, 1 1/2" X 1 1/2" X 1/4"

HRS angle [RECYCLED ONLY] and 1.660" OD x 13 GA galvanized steel tubing leg [REGULAR], or 2.375" OD x 12 GA galvanized steel tubing [HEAVY DUTY].

- b. Sit-A-Round Leg: One piece all welded construction consisting of 2.375" OD x 12 GA steel tubing, and sheet steel. Finished with a baked-on powder coating.
- c. Pedestal: One piece all welded construction consisting of 3 1/2" OD x 11 GA galvanized steel tubing, 2 3/8" OD x 10 GA galvanized steel tubing, and 10 GA galvanized steel plate. All welds painted with a cold galvanize compound.
- d. PVC/Park Frame Leg: One piece all welded construction consisting of 2.375" OD x 12 GA steel tubing and sheet steel. Finished with a baked on powder coating.
- e. Novo arc bench seat: One piece all welded construction consisting of 3 1/2" OD x 8 GA galvanized tubing and 12 GA galvanized sheet steel. Finished with a baked on powder coating.
- f. Novo table top: One piece all welded construction consisting of 5" OD x 11 GA galvanized tubing and 12 GA galvanized sheet steel. Finished with a baked on powder coating.

H. Stone Border Ramp [Burke Basics] Ramp shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction. Drive Pins shall be 3/4" dia. galvanized steel. Plate shall be 12 GA galvanized steel plate with a PVC coated finish. Plugs shall be 13/16" plastic hole plugs.

I. Stone Borders [Burke Basics] Stone Borders shall be 1/8" thick, linear, low density, recycled polyethylene with double wall construction and a textured outside surface. Drive Pins shall be 3/4" dia. galvanized steel.

2.08 Burke Basics – Sports

A. Backboards [Burke Basics]

- 1. Fan shaped: Backboard shall be one piece all welded construction consisting of regulation size 38" x 54" x 10 GA steel sheet, 1/4" x 1 1/4" steel perimeter, and 10 GA bracing. Primed and finished with a baked on powder coat on the front side. Coated with a sound-deadening rust inhibitor on the back side.
- 2. Rectangular: Backboard shall be one piece all welded construction consisting of 4' x 6' x 12 GA steel sheet with a 1 1/2" reinforced perimeter and 12 GA channel braces. Primed and finished with a baked on powder coat on the front side. Coated with a sound-deadening rust inhibitor on the back side.
- 3. Frame: One piece all welded construction consisting of 2 3/8" OD x 10 GA & 1.900" OD x 11 GA galvanized steel tubing, 3/8" dia. HR steel round, and 1/4" HR steel plate. Finished in a baked on powder coat.

- 4. Post: One piece all welded construction consisting of 4 1/2" OD x sch. 40 galvanized steel pipe, 1/4" HR steel plate, and 1 1/2" x 1 1/2" x 1/4" HR steel angle.
- 5. Post: One piece all welded construction consisting of 5 9/16" OD x sch. 40 galvanized steel pipe, 1/4" HR steel plate, and 1 1/2" x 1 1/2" x 1/4" HR steel angle.

B. Funnel Ball [Burke Basics] Center post shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 1/4" galvanized steel plate. All welds painted with a cold galvanize compound. Boxed funnel ball consists of a pre-assembled funnel ball unit manufactured of rotationally molded polyethylene, no less than .250" thick and UV-stabilized; stainless steel hardware; 3/8" dia. HRS round anchor rod; hex allen wrench; and game booklet.

C. Pipe Sleeve [Burke Basics] 2 1/2" OD sleeve cap shall be brass. Anchor rod shall be 11/16" OD x SCH 40 galvanized steel pipe. Sleeve shall be one piece all welded construction consisting of 2 3/4" OD x .120" wall black steel tubing, 10 GA HR steel plate, and steel coupling. Finished with a baked on powder coating. Wrench shall be one piece all welded construction consisting of 3/8" dia. HR steel round and 7 GA HR steel plate. Finished with a baked on powder coating.

D. Soccer Goals [Burke Basics] Brace pipe 2 3/8" OD x 12 GA galvanized steel tubing. Top beam shall be 4" SQ x 1/8" wall steel tubing finished with a baked on powder coating. Anchor rods shall be 1/2" dia. HR steel rod. Uprights shall be one piece all welded construction consisting of 4" SQ x 1/8" wall steel tubing, 14 GA galvanized steel plate and 2 7/8" OD x 8 GA galvanized steel tubing. Finished with a baked on powder coating.

E. Tetherball [Burke Basics] Anchor rod shall be 3/8" dia. HR steel round. Tetherball shall be an 8" diameter ball with a nylon rope. Post shall be an assembly consisting of a one piece all welded center post consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate, and zinc plated steel hardware.

F. Volleyball Posts [Burke Basics] Anchor rod shall be 3/8" dia. HR steel round. First post shall be an assembly consisting of zinc plated steel hardware and a one piece all welded post consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate finished with a baked on powder coating. Second post shall be an assembly consisting of zinc plated steel hardware, 3/8" diameter 4/0 straight coil chain, zinc plated S-hook, zinc plated pull ring, 1/8" HR steel channel, 2 3/8" OD x 12 GA & 1.315" OD x 14 GA galvanized steel tubing, and a one piece all welded post consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA finite methods.

2.09 Climbers and Ladders

A. Active Apex Climber [Intensity, Nucleus] Supports shall be one piece all welded construction consisting of 2.375" OD x 10 GA galvanized steel tubing, and 10 GA

galvanized sheet steel finished with a baked on powder coating. Climber panel shall be 10 GA galvanized sheet steel finished with a baked on powder coating or 3/4" extruded HDPE. Rock holds are molded professional grade rock climbing holds with stainless steel washers.

B. Amped Climbers [Nucleus, Synergy, Voltage] Climber shall be linear, low density, rotationally molded, U.V. stabilized, polyethylene, .250" thick double wall construction with molded in 3/8" T-nut inserts and textured surface. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Mounting bracket shall be one piece all welded construction consisting of 8 GA galvanized steel plate. Finished with a baked on powder coating. Supports shall be weldment consisting of 1.660" OD formed tube, 10 GA galv steel plates and 1.315" OD formed tube supports. Finished with baked on powdercoat. Step shall be 3/4" extruded HDPE.

C. Airplane Tail Climber [Nucleus] shall be an assembly consisting of 3/4" coextruded HDPE. Attachment plate shall be 10 GA galvanized steel plate finished with a baked on powder coating. Tail climber supports shall be one piece all welded 1.315" OD tubing w/ 10 GA sheet steel finished with a baked on powder coating. Stainless steel hardware.

D. Agile Canyon Rope Climber [Intensity, Nucleus] Agile Canyon Rails shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Agility Arc w/1 Tab shall be one piece all welded construction consisting of formed 1.900" OD x 11 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

E. Apex Arch 2-5, Hole 2-5 [Nucleus, Synergy, Intensity] Arch shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA & 1.315 OD x 14 GA & 1.900" OD X 11 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA and 10 GA galvanized steel plate. Bracket rope connection shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Panels shall be 3/4" Extruded HDPE. Hardware packages shall be stainless steel.

F. Apex Ellipse Climber [Nucleus, Intensity] Arch shall be one piece all welded construction consisting of formed $3\frac{1}{2}$ " OD x 11 GA, $2\frac{3}{8}$ " OD x 10 GA & 1.315 OD x 12 GA galvanized steel tubing, formed 7 GA stainless steel sheet and 10 GA galvanized steel plates, finished with a baked on powder coating. ³/₄" Extruded HDPE panels. Stainless steel hardware.

G. Apex Rope Climber [Nucleus, Synergy, Intensity] Arch shall be one piece all welded construction consisting of formed $3\frac{1}{2}$ " OD x 11 GA, 2 3/8" OD x 10 GA & 1.315 OD x 12 GA, & 1.900" OD X 11 GA galvanized steel tubing, formed 7 GA stainless steel sheet and 7 GA and 8 GA galvanized steel plates, finished with a baked on powder coating. Post bracket is a one piece all welded construction consisting of 3/16" stainless steel plate and 8 GA galvanized steel sheet, finished with a baked on powder coating. Rope net assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place. Stainless steel hardware, 7/16" OD brass spacers and black thermoplastic shims.

H. Apex Wave Climber [Nucleus, Intensity] Arch shall be one piece all welded construction consisting of formed $3\frac{1}{2}$ " OD x 11 GA, $2\frac{3}{8}$ " OD x 10 GA & 1.315 OD x 12 GA galvanized steel tubing, formed 7 GA stainless steel sheet and 10 GA galvanized steel plates, finished with a baked on powder coating. Post bracket is a one piece all welded construction consisting of 3/16" stainless steel plate and 8 GA galvanized steel sheet, finished with a baked on powder coating. $\frac{3}{4}$ " Extruded HDPE panels. Stainless steel hardware.

I. Apex Net 2-5, Rope 2-5 [Nucleus, Synergy, Intensity] Arch shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA & 1.315 OD x 14 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Rope assemblies shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules. Rope net assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place. Bracket rope connection shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating.

J. Ascend Rock Climber [Nucleus, Synergy, Voltage, Little Buddies] Panels shall be manufactured of 3/4" extruded high-density polyethylene. Support, ascend rock climber shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, and 10 GA galvanized steel cap. Tube, 1.029" OD X 14 GA X 17 ½" shall be formed from galvanized steel tubing of at least 1.029" OD x 14 GA wall. Climber enclosure shall be ³/₄" co-extruded HDPE, climber transition strip shall be ¹/₂" extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing. Rock Climbing Holds shall be manufactured of polyester resin. Support Posts, rungs and plates shall be fabricated of 1.315" OD x .08" wall, 1.029 OD x .07 wall galvanized steel tube or 10 GA galvanized steel plate, or formed from galvanized steel tubing of at least 1.029" OD x 14 GA wall. Finished with a baked-on powder coating after fabrication.

K. Atom Climber [Nucleus, Synergy, Voltage] Climber shall be one piece all welded construction consisting of 1.660" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing finished with a baked-on powder coating. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE, climber transition strip shall be ¹/₂" extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing.

L. Arched Rope Climber [Nucleus, Voltage] Arched Rope Climber Rails shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Rope Climber Support Bracket shall be one piece all welded construction consisting of 10 GA and 8 GA galvanized steel plate. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

M. Board Climber [Nucleus, Voltage] Climber shall be an assembly consisting of support rails that are one piece all welded construction of 12 GA steel plates and gussets PVC coated after fabrication. Boards shall be 100% recycled post-consumer, high-density polyethylene plastic with U.V. inhibitors.

N. Cargo Net Climber [Nucleus, Voltage] Climber shall be an assembly consisting of 1.029" OD x 14 GA galvanized steel tubing welded to 4/0 straight link coil chain, steel bolts, and steel nuts. PVC coated after fabrication. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing. Handrail shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and stainless steel threaded steel insert. Finished with a baked-on powder coating.

O. Center Mount Twist N Turn Climber [Nucleus, Voltage] Climber shall be two piece all welded construction consisting of 1.900" OD x 11 GA & 1.315" OD x 12 GA galvanized tubing, and 10 GA galvanized plate. Finished with a baked on powder coating. Enclosure shall be one piece all welded construction consisting of 3 1/2" OD x 11 GA, 1.315" OD x 12 GA galvanized steel tubing, and 10 GA galvanized sheet. Finished with a baked on powder coating

P. Centipede Climber [Nucleus, Synergy, Voltage] Climber shall be one piece all welded construction consisting of 1.900" OD x 11 GA & 1.029" OD x 14 GA galvanized steel tubing, and 7 GA, 8 GA, and 10 GA galvanized steel plate. Finished with a baked-on powder coating. Climber enclosure shall be ³/₄" co-extruded HDPE, climber transition strip shall be ¹/₂" and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing.

Q. Climbing Panel [Voltage] Climber shall be 3/4" co-extruded H.D.P.E.

R. Clubhouse Timber Tower [Nucleus] Timber tower base shall be manufactured from Glass Fiber Reinforced Concrete (GFRC) with Alkali Resistant (AR) type glass fiber formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of rock is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Integral steel base frame shall be a fabrication of plates and tubes to support the GFRC, painted before GFRC application. Timber tower upper shall be a assembly consisting of PVC coated steel platform, powder coated steel enclosure, post supporting frame, lifting frame and posts clad with Glass Fiber Reinforced Concrete (GFRC) log theme. GFRC shall be manufactured with Alkali Resistant (AR) type glass fiber formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of rock is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of rock is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Hardware package shall be stainless steel screws and washers.

S. Cobblestone Arch/Sway [Voltage] Supports shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Pod walk top shall be formed 1/8" sheet steel with studs welded into place. PVC coated after fabrication.

- Guardrail shall be one piece all welded construction consisting of 1.900" OD x 11 GA & 1.029" OD x 11 GA galvanized steel tubing and hot-dipped galvanized, grade 32510, malleable iron support pins. Finished with a baked on powder coating.
- 2. Guardrail [Voltage] Shall be one piece all welded construction consisting of 1.660" OD x 13 GA & 1.029" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

T. Coil Climber [Nucleus, Voltage, Little Buddies, Synergy] Climber shall be one piece all welded construction consisting of 1.660" OD x 12 GA & 1.315" OD x 14 GA galvanized steel tubing, 3/8" OD x SCH 40 galvanized steel pipe, and 10 GA galvanized steel plate. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing. Finished with a baked on powder coating.

U. Converge Climber [Nucleus] One piece all welded construction consisting of formed 1.900" OD X 11 GA and 1.315" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked-on powder coating. Stainless Steel hardware.

V. Convex Climber [Nucleus, Voltage] Climber shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

W. Crater Point Climber [Nucleus, Synergy, Voltage, Intensity] Fin support shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA or 10 GA galvanized steel plate. Finished with a baked on powder coating. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Panel shall be 3/4" Extruded HDPE. Flat panel casting shall be A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating. Hardware packages shall be stainless steel.

X. Crest Point Climber [Nucleus, Synergy, Voltage, Intensity] shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA. & 1.315 OD x 14 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA and 10 GA galvanized steel plate. Finished with a baked on powder coating. Panel shall be 3/4" Extruded HDPE. Flat panel casting shall be A356-T6 Aluminum, Heat- Treated. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Finished with baked on powder coating. Hardware packages shall be stainless steel.

Y. Crux Climber [Synergy] ³/₄" co-extruded HDPE. Stainless steel hardware. 1.315" OD X 12 GA galvanized steel anchor tubes finished with a baked-on powder coating.

Z. Double Wing Climber [Nucleus, Synergy, Voltage, Little Buddies] shall be one piece all welded construction consisting of 1.660" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing finished with a baked-on powder coating. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing. Finished with a baked on powder coat.

AA. Dynamic Discs Rope Climber [Intensity, Nucleus] Hanging Rope Pod Top and Bottom shall be 1/2" extruded HDPE. Arched Bram shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Plate Weldment shall be one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope assemblies shall consist of: Rope consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

BB. Dynamic Discs 2-5 [Intensity, Nucleus] Hanging Rope Pod Top and Bottom shall be 1/2" extruded HDPE. Arched Beam shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Plate Weldment shall be one piece all welded construction consisting of 1.029" OD x 14 GA and 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized steel plate.

Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope assemblies shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

CC. Dynamic Pad Climber [Intensity, Nucleus] Pad shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Supports shall be one piece all welded construction consisting of 5" OD x 12 GA and 1.660" OD 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Hand Support shall be one piece all welded construction consisting of 1.600" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Hand Support shall be one piece all welded construction consisting of 1.600" OD x 12 GA galvanized steel tubing and 8 GA stainless steel sheet. Finished with a baked on powder coating.

DD. Dynamic Pad Link [Nucleus] Pad shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Supports and brackets shall be one piece all welded construction consisting of 5" OD x 12 GA, 1.660" OD 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Supports shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing and 8 GA stainless steel sheet. Finished with a baked on powder coating. Chain shall be galvanized 4/0 straight link coil chain PVC coated. Clevis shall be 1018 steel.

EE.Energy Disc [Intensity] Hanging Rope Pod Top and Bottom shall be 1/2" extruded HDPE. Post with Arch shall be one piece all welded construction consisting of formed 5" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Plate Weldment shall be one piece all welded construction consisting of 1.029" OD x 14 GA and 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope assemblies shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

FF. Evolution Arch Climber [Nucleus] shall consist of a main curved weldment that is one piece all welded construction consisting of 2 3/8" OD X 10 GA and 1.315" OD X 12 GA galvanized steel tubing, 7 GA stainless steel sheeting, 8 GA and 10 GA galvanized steel sheeting, 3/8" thick stainless steel tab, and 1.315" OD zinc-chromate steel round. Crossbars shall be one piece all welded construction consisting of 1.315" OD X 12 GA galvanized steel tubing, 8 GA galvanized steel plating, and 7 GA stainless steel sheeting. Brackets shall be one piece all welded construction consisting of 7 GA stainless steel sheeting with a 3/8" thick stainless steel tab or 10 GA galvanized steel plating. The rope to deck bracket shall be one piece all welded construction consisting of 8 GA galvanized steel sheeting and 3/8" thick stainless steel tab. A 1.029" OD X 14 GA galvanized steel tube shall be provided as a lifting bar only for means of installation. There shall be several plates that are 8 GA, 10 GA, 12 GA, or 16 GA galvanized steel plating. The mesh barrier shall be one piece all welded construction consisting of 9 GA galvanized steel wire. All metal parts shall be finished with a baked on powder coating. Rope assemblies shall contain 20mm rope consisting of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers and aluminum end connectors and ferrules. Panels shall be 3/4" co-extruded HDPE. All hardware shall be stainless steel.

GG. Fan Climber [Nucleus, Synergy, Voltage, Little Buddies] Climber shall be one piece all welded construction consisting of 1.660" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, 3/4" x 1" x 16 GA HRPO rectangular tubing, and 1/8" thick steel diamond plate. Synergy stanchion crossbar one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing. Finished with a baked on powder coating.

HH. Fire Hose Climber [Nucleus] shall be an assembly consisting of 3/4" co-extruded and 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E., a full color graphic printed on 3mm DiBond, fire hose climber attachment plate, fire hose climber support, and stainless steel hardware. Attachment plate shall be 10 GA galvanized steel plate finished with a baked on powder coating. Climber support shall be one piece all welded 1.315" OD tubing w/ 10 GA sheet steel finished with a baked on powder coating.

II. Fire Truck Fan Climber [Nucleus] shall be an assembly consisting of 3/4" coextruded H.D.P.E., a full color graphic printed on 3mm DiBond, stainless steel hardware, and one piece all welded construction consisting of 1.660" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, 12 GA galvanized steel diamond plate. Finished with a baked on powder coating.

JJ. Fire Truck Sliding Pole [Nucleus] shall be an assembly consisting of 3/4" coextruded H.D.P.E., a full color graphic printed on 3mm DiBond, stainless steel hardware, and 1.660" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.

KK. Hyper Helix Climber [Intensity, Synergy, Nucleus] Climber shall consist of two pieces each being a one piece all welded construction consisting of 1.900" OD x 11 GA and 1.029" OD x 14 GA galvanized tubing. Finished with a baked on powder coating.

LL.Jungle Vine Climber [Nucleus, Voltage] Stone slope / steep peak support shall be one piece all welded 1.315" OD tubing w/ 10 GA sheet steel. Finished with a baked on powder coating. Stone slope attachment plate shall be 10 GA. Galv. Sheet. Panel assembly, jungle vine shall be assembly consisting of: 3/4" extruded and co-extruded HDPE, zinc plated steel screws and 18-8 stainless steel flat and split lock washers. Tube 1.029" OD X 14 GA X 29 1/2" shall be formed from galvanized steel tubing of at least 1.029" OD x 14 GA wall. Finished with a baked on powder coating. Hardware package shall be stainless steel.

MM. Lateral Post Link [Nucleus, Voltage] Weldment consisting of 1.029" OD x 14 GA and 1.315" OD x 12 GA galvanized tubing. Finished with a powder coat finish.

NN. Leaf Climber [Nucleus, Synergy, Voltage, Little Buddies] Climber shall be one piece all welded construction consisting of 1.660" OD x 12 GA and 1.315" OD x 14 GA galvanized steel tube and 10 GA galvanized steel plate finished with a baked on powder coating. Leaf Step shall be cast aluminum alloy finished with a baked on powder coating. Climber enclosure shall be ³/₄" co-extruded HDPE, climber transition strip shall be ¹/₂" and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing.

OO. Linking Ring Climber [Nucleus, Synergy, Voltage] shall be one piece all welded construction consisting of 1.660" OD x 12 GA and 1.315" OD x 14 GA galvanized steel tubing finished with a baked on powder coating. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing.

PP. Linx Climber, and Linx Levitate Climber [Synergy] Climber shall be one piece, all welded construction consisting of 1.900" OD X 11 GA and 1.315" OD X 12 GA galvanized steel tubing, 7 GA stainless steel sheeting, and 10 GA galvanized steel sheeting finished with a baked on powder coating. Panels shall be HDPE. Stainless steel hardware.

QQ. Limber Ladder Rope Climber [Nucleus, Intensity] Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

RR. Loop Climber [Nucleus, Voltage] Climber shall be one piece all welded construction consisting of 1.900" OD x 11 GA and 1.315 OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

SS. Loop Rung Ladder Climber [Nucleus, Voltage, Little Buddies] Climber shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing, 1.315" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

TT.Manitou Climber [Nucleus, Synergy] climber body consisting of linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Mounting

bracket consisting of one-piece welded construction 8 GA galvanized sheet steel finished with a baked-on powder coating. Footing tube shall be one piece welded construction consisting of 1.90" OD X 11 GA galvanized steel tubing and a 12 GA galvanized steel cap finished with a baked on powder coat.

UU. NaturePlay Rock Climber [Nucleus, Voltage] Rock shall be manufactured from Glass Fiber Reinforced Concrete (GFRC) with Alkali Resistant (AR) type glass fiber formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color, remainder of rock is sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Integrated rectangular tubing for lifting and anchoring is 7 GA low-carbon steel.

VV. Nimble Net Rope Climber [Intensity, Nucleus] Upper Support Tube and Side Support Tubes shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

WW. Novo Hillside Arch Climber [Burke Basics]

Weldment, Novo Anchor 30 Deg shall be one piece all welded construction consisting of 2 3/8" OD X 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Arch bike rack shall be one piece all welded construction consisting of 2 3/8" X 12 GA galvanized steel tubing and 8 GA galvanized steel plating. Finished with a baked on powder coating. Hardware shall be stainless steel.

- XX. Novo Playful Furniture [Nucleus, Synergy]
 - 1. Lil Novo [Synergy]
 - a. Bean Bench, Seat panel shall be ³/₄" co-extruded HDPE. Seat frame shall be one piece all welded construction consisting of 3.5" OD X 11 GA galvanized tubing, 8 GA galvanized steel sheeting, and ¹/₄" zinc-chromated HR steel sheeting. Finished with a baked on powder coating. Hardware package shall be stainless steel and zinc-plated steel.
 - Bean Table, Table panel shall be 3/4" co-extruded HDPE. Table frame shall be one piece all welded construction consisting of 3.5" OD X 11 GA and 1.315" OD X 12 GA galvanized steel tubing, 8 GA and 12 GA galvanized steel sheeting, and 7 GA stainless steel sheeting. Finished with

a baked on powder coating. Hardware shall be stainless steel and zincplated steel.

- c. Bean Step, Seat panel shall be ³/₄" co-extruded HDPE. Seat frame shall be one piece all welded construction consisting of 3.5" OD X 11 GA galvanized tubing, 8 GA galvanized steel sheeting, and ¹/₄" zinc-chromated HR steel sheeting. Finished with a baked on powder coating. Hardware package shall be stainless steel and zinc-plated steel.
- 2. Novo Arc Bench [Nucleus]
 - a. Bench seat shall be ³/₄" extruded HDPE. Bench seat shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized tubing and 12 GA galvanized sheet steel. Post shall be one piece all welded construction consisting of 3 1/2" OD x 8 GA galvanized tubing and 12 GA galvanized sheet steel. Finished with a baked on powder coating.
- 3. Novo Teardrop Counter [Nucleus]
 - a. Novo counter top shall be ³/₄" extruded HDPE. Counter top shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized tubing and 12 GA galvanized sheet steel. Post shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized tubing and 12 GA galvanized sheet steel. Finished with a baked on powder coating. Hardware package shall be stainless steel and zinc-plated steel.

YY. Odyssey Deck Link & Odyssey Deck Link Center Mount [Nucleus,] Odyssey deck link shall be one piece all welded construction consisting of 1.315 OD x 12 GA galvanized steel tubing, 10 GA galvanized steel plate and 7 GA stainless steel plate. Finished with a baked on powder coating. Center mount enclosure shall be one piece all welded construction consisting of 3 1/2" OD x 11 GA, 1.315" OD x 12 GA & 1.029" OD X 14 GA galvanized steel tubing, and 10 GA galvanized sheet. 3 1/2" aluminum post cap and rivets. Finished with a baked on powder coating.

ZZ.Odyssey Single & Double Post Link [Nucleus, Synergy, Voltage] Weldment consisting of formed 1.315" OD x 12 GA galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat finish.

AAA. Ovistep Launch Pad and Synergy Launch Pad [Nucleus, Intensity, Synergy] Landing panel consists of 3/4" co-extruded HDPE. The bracket is one piece all welded construction consisting of 10 GA galvanized sheet steel, 7 GA stainless steel sheet and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Stainless steel hardware.

BBB. Plexus Climber Post Attachment [Synergy] Post bracket shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plates. Finished with a baked on powder coating. Hardware package shall be stainless steel, and aluminum rivets with stainless steel pins.

CCC. Plexus Hole Climber [Nucleus, Synergy] shall be a one piece welded construction consisting of 2.375" OD x 10 GA or 2.375" OD x 12 GA and 1.315" OD x

12 GA galvanized tubing, 12 GA galvanized steel plate and nut inserts. Finished with a baked on powder coat. ³/₄" Extruded HDPE panels and post caps, stainless steel hardware.

DDD. Plexus Step Climber [Nucleus, Synergy] shall be a one piece welded construction consisting of 2.375" OD x 10 GA and 1.315" OD x 12 GA galvanized tubing, 12 GA galvanized steel plate and nut inserts. Finished with a baked on powder coat. ³/₄" Extruded HDPE post caps, stainless steel hardware. Pad shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Stainless steel hardware.

EEE. Plexus Tangle Climber, Rung Climber [Nucleus, Synergy] shall be a one piece welded construction consisting of 2.375" OD x 10 GA and 1.315" OD x 12 GA galvanized tubing, 12 GA galvanized steel plate and nut inserts. Finished with a baked on powder coat. ³/₄" Extruded HDPE post caps, stainless steel hardware.

FFF. Podstep Climber 48"-56", 64"-72" [Nucleus, Intensity] Cross brace assembly shall consist of a one piece all welded construction upper brace of 1.900" OD x 11 GA galvanized steel tubing, 1.563" x 13 GA galvanized steel tubing, 8 GA mounting brackets and formed plate, and a cross brace consisting of a one piece all welded construction 1.900" OD x 11 GA galvanized steel tubing and 8 GA mounting brackets, both finished with a baked on powder coating. Center mount enclosure is a one piece all welded construction consisting of 3 1/2" OD x 11 GA, 1.315" OD x 12 GA & 1.029" OD X 14 GA galvanized steel tubing, and 10 GA galvanized sheet. 3 1/2" aluminum post cap and rivets. Finished with a baked on powder coating. Climber pods shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction. Climber pod mounts shall be one piece all welded construction consisting of formed 1.315" OD x 12 GA galvanized steel tubing, 10 GA galvanized steel sheet. Finished with a baked on powder coating. Rope assemblies shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum grip, end connectors, and ferrules with stainless steel screws. Chain shall be 3/8" diameter galvanized 4/0 straight link coil chain, PVC coated after fabrication. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing.

GGG. Podstep Link [Nucleus, Intensity] Crossbeam supports are one piece all welded construction consisting of 2.375" OD x 10 GA galvanized steel tubing, 8 GA mounting brackets. Finished with a baked on powder coating. Climber pods shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction. Climber pod mounts shall be one piece all welded construction consisting of formed 1.315" OD x 12 GA galvanized steel tubing, 10 GA galvanized steel sheet. Finished with a baked on powder coating. Rope assemblies shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum grip, end connectors, and ferrules with

stainless steel screws. Chain shall be 3/8" diameter galvanized 4/0 straight link coil chain, PVC coated after fabrication. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing.

HHH. Pod Walk Climber [Nucleus, Synergy, Voltage, Little Buddies] Pod walk top shall be formed 1/8" sheet steel with studs welded into place. PVC coated after fabrication. Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Hand support (where applicable) shall be formed 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Climber enclosure shall be one piece welded construction consisting of 1.315" OD galvanized tubing, 7 GA stainless steel brackets and Zinc-plated steel nut insert. Synergy side enclosure shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets.

III. Power Peak W/ Out Panels [Nucleus, Synergy, Intensity, Voltage] Shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 1.315" OD X 12 GA galvanized steel tubing. Finished with a baked on powder coating. Hardware package shall be stainless steel.

JJJ. Power Peak W/ Panels [Nucleus, Synergy, Intensity, Voltage] Shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet, 10 GA galvanized steel sheet and 1.315" OD X 12 GA galvanized steel tubing. Finished with a baked on powder coating. Panels shall be 3/4" Extruded H.D.P.E. Hardware packages shall be stainless steel screws and washers.

KKK. Power Pipes and Power Pipes 2-5 [Intensity, Synergy, Nucleus] One piece all welded construction consisting of formed 1.600" OD x 12 GA galvanized steel tubing and 7 GA stainless steel sheet. Finished with a baked on powder coating.

LLL. Ridge Point Climber [Nucleus, Voltage, Synergy, Intensity] shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA & 1.315 OD x 14 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Fin support shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 10 GA galvanized steel sheet. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Finished with a baked on powder coating. Panels shall be 3/4" Extruded HDPE. Flat panel casting shall be A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating. Hardware packages shall be stainless steel.

MMM. Ring Mountain Climber [Nucleus, Voltage] Climber shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

NNN. Rock Climber [Nucleus, Voltage] Climber shall be linear, low density, rotationally molded, U.V. stabilized, polyethylene, .250" thick double wall construction with molded in 3/8" T-nut inserts and textured surface. Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating after fabrication.

OOO. Rock Crawl Climber [Nucleus, Voltage, Little Buddies], Bulldozer Rock Crawl Climber [Little Buddies] Rock Crawl platform shall be one piece all welded construction consisting of 12 GA HRPO sheet steel. PVC coated after fabrication. Side Guards shall be manufactured of 3/4" extruded high-density polyethylene. Rock Climbing Holds shall be manufactured of polyester resin. Anchor Tubes shall be 1.315" OD x 12 GA galvanized steel tube. Finished with a baked on powder coating.

PPP. Rocking Catamaran Crossing [Nucleus, Voltage] consists of end supports, cross beam and molded urethane rods assembled together. The main tread surfaces are attached to formed plates on the cross beam. PVC coated chain constructed of 4/0 straight links is attached overhead using 1018 steel clevises attaching the chain to the chain support beams.

- 1. End supports shall be one piece, all welded construction consisting of 10 GA galvanized sheet steel, 8 GA galvanized sheet steel and 1.75" square tubing. Finished with a baked-on powder coating.
- 2. Cross beam shall be one piece, all welded construction consisting of 10 GA galvanized sheet steel, 3" square x 11 GA galvanized steel tubing, and 2.375" diameter x 12 GA galvanized tubing. Finished with a baked-on powder coating.
- 3. The main tread surface shall consist of one piece all welded construction consisting of 14 GA HRPO punched steel. PVC coated after fabrication.
- 4. The chain support beams are all one piece welded construction consisting of stainless steel plate, 12 GA 2.375" OD galvanized steel tube, and malleable iron grade 32510 support pins.
- QQQ. RockIt climbers [Intensity, Nucleus, Voltage]
 - 1. Curved ladders shall be weldment consisting of 2 formed channels, 10 gage galvanized steel, and formed rungs, 1.029" OD tubing. Finished with a baked on powdercoat..
 - 2. End ladders shall be weldment consisting of formed channels, 10 gage galvanized steel, formed rungs, 1.029" OD tubing and formed 3/16" stainless steel attachment plate. Finished with a baked on powdercoat.
 - 3. Offset, Curved and End panel assemblies shall be1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Molded

professional grade rock climbing hold with stainless steel washers attached with stainless steel bolts.

- 4. End Support shall be weldment consisting of 10 gage galvanized plate welded to 2.375" OD galvanized tube. Finished with a baked on powder coat.
- 5. Grab Bar Cap shall be weldment consisting of formed channel, 10 gage galvanized steel and formed rung, 1.029" OD tubing. Finished with a baked on powdercoat.
- 6. Channel posts (Z and U) shall be formed channel, 10 gage galvanized steel. Finished with a baked on powdercoat. Cover plates shall be 10 gage galvanized steel plate. Finished with a baked on powdercoat. Anchor rods shall be 3/8" Diameter steel rod.

RRR. Rope Link Climber [Nucleus, Voltage] Rope Climber Support Brackets shall be one piece all welded construction consisting of 10 GA and 8 GA galvanized steel plate. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

SSS. Rugged Ridge [Nucleus, Intensity, Voltage] Climbing panels shall be 1/2" extruded HDPE. Flat panel castings shall be A356-T6 aluminum, heat-treated finished with baked on powder coating. Hardware packages shall be stainless steel.

TTT. Rung Ladder [Nucleus, Voltage] Ladder shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.315" OD x 12 GA galvanized tubing, and 10 GA galvanized plate. Finished with a baked on powder coating.

UUU. Satellite Climber [Nucleus, Synergy, Voltage] Ring platform, ring spacer, ring cap, and handhold shall be linear, low density, rotationally molded, U.V. stabilized, polyethylene, .250" thick double wall construction with textured outside surfaces. Uprights shall be 3" square x 11 GA galvanized steel. Upright collar shall be 4" sq. x 1" x .250" wall aluminum extruded tube finished with a baked on black powder coating.

VVV. Saturn Climber [Nucleus, Voltage, Synergy] Climber shall be one piece all welded construction consisting of 1.660" OD x 12 GA, 1.315" OD x 14 GA, & 1.029" OD x 14 GA galvanized steel tubing. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be $\frac{3}{4}$ " co-extruded HDPE, climber transition strip shall be $\frac{1}{2}$ " extruded HDPE and tube, panel mounting shall be 1 $\frac{3}{4}$ " SQ X 32"; 1 $\frac{3}{4}$ " SQ X 12 GA galvanized steel tubing. Finished with a baked on powder coating. WWW. Ship Bow Climbers and Ship Bow Climbers w/ Custom Image [Nucleus] shall be manufactured of 3/4" co-extruded HDPE, a full color graphic printed on 3mm DiBond, one piece all welded construction offset enclosure consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA sheet steel; finished with a baked on powder coating, one piece all welded construction grab bar consisting of 1.029" OD x 14 GA galvanized steel tubing and formed 3/16" stainless steel plates; finished with a baked on powder coating, one piece all welded construction bow climber consisting of 1.660" OD x 12 GA & 1.315" OD x 12 GA galvanized steel tubing and 12 GA steel; finished with a baked on powder coating, three piece construction curved post assembly consisting of 5" OD tubing & cast aluminum; finished with a baked on powder coating, stainless steel hardware, and aluminum rivets.

XXX. Side Stepper Climber [Nucleus, Voltage] Climber shall be one piece all welded construction consisting of 1.900" OD x 11 GA and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

YYY. Single Post Twist N Turn Climber [Synergy, Voltage] Climber shall be two piece all welded construction consisting of 1.900" OD x 11 GA and 1.029" OD x 14 GA galvanized tubing. Finished with a baked on powder coating.

ZZZ. Snake Climber [Nucleus, Synergy, Voltage] Climber shall be one piece all welded construction consisting of 1.660" OD x 12 GA and 1.029" OD x 14 GA galvanized steel tubing. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE, climber transition strip shall be ¹/₂" extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ X 32"; 1 ³/₄" SQ X 12 GA galvanized steel tubing. Finished with a baked on powder coating.

AAAA. Spider, 96", Deck to Deck [Nucleus, Intensity, Voltage] Rope assembly, spider net S5 shall be rope consisting of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules with stainless steel screws. Top beam, spider web shall be one piece all welded construction consisting of formed 2 7/8" OD x 8 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel sheet finished with a baked on powder coating. Bracket, rope connection shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware package shall be stainless steel screws & washers and black thermoplastic. Brass spacer 7/16" OD x 1 1/4" shall be brass tube 7/16" OD x .028" wall.

BBBB. Spiral Climber [Voltage] Top section, bottom section, trim strip shall be linear, low density, rotationally molded, U.V. stabilized, .250" thick polyethylene with double wall construction with molded in longitudinal ribs and 3/8" T-nut inserts, and textured outside surfaces. Support post shall be 3 1/2" OD x 11 GA galvanized steel

tubing finished with a baked on powder coating. Short support tube shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, screw, and washer. Finished with a baked on powder coating. Extension shall be 1.315" OD x 14 GA galvanized steel tubing. Exit support shall be one piece all welded construction consisting of 10 GA galvanized steel plate and 1.315" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

CCCC. Steep Peak and Stone Slope Climber [Nucleus, Voltage, Little Buddies] Panels shall be manufactured of 1/2" or 3/4" extruded high-density polyethylene. Rock Climbing Holds shall be manufactured of polyester resin. Support Posts and rungs shall be fabricated of 1.315" OD x .08" wall, 1.029 OD x .07 wall galvanized steel tube and finished with a baked-on powder coating after fabrication.

DDDD. Staggered Pod Walk Climber [Synergy] Pod walk top shall be formed 1/8" sheet steel with studs welded into place. PVC coated after fabrication. Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Hand support (where applicable) shall be formed 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Climber enclosure shall be one piece welded construction consisting of 1.315" OD galvanized tubing, 7 GA stainless steel brackets and Zinc-plated steel nut insert. Synergy side enclosure shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets.

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FFFF. Step Up Deck – 96" Double Viper [Nucleus] 24" transition ladder shall be 3/4" HDPE. Wood planks shall be 3/4" recycled HDPE. Barrier supports shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plates and 3/8" threaded inserts, finished with a baked on powder coating. Viper II platform extension shall be welded platform 12 gage shell and gussets, finished with PVC coating. Platform extension support shall be welded construction consisting of formed 2.375" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate, finished with a baked on powder coating. Grab bar shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate, finished with a baked on powder coating. Grab bar shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plates finished with a baked on powder coating. Upper posts shall be an assembly consisting of 3 1/2" OD x 11 GA galvanized steel tubing, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Tubing and cap finished with a baked on powder coating. Hardware package shall be stainless steel.

GGGG. Step Up Deck – 96" Slide [Nucleus] 24" transition ladder shall be 3/4" HDPE. Wood planks shall be 3/4" recycled HDPE. Slide platform extension shall be welded platform 12 gage shell and gussets finished with PVC coating. Enclosure frames shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plates, SS threaded plug and 3/8" threaded inserts finished with a baked on powder coating. Support tube shall be one piece all welded construction consisting of 1.315" OD x 12 GA tubing, 10 GA galvanized plates and 3/8" threaded inserts finished with a baked on powder coating. Platform extension support shall be welded construction consisting of formed 2.375" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate finished with a baked on powder coating. Grab bar shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plates finished with a baked on powder coating. Hardware package shall be stainless steel hardware.

HHHH. Strength Stepper [Intensity, Nucleus] Stepper shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Supports shall be one piece all welded construction consisting of 2.375" OD x 12 GA, 1.900" OD x 11 GA, 1.029" OD x 14 GA, 1.315" OD x 12 GA galvanized steel tubing and 7 GA SS plate. Finished with a baked on powder coating. Handrails shall be one piece all welded construction consisting of 1.029" OD x 14 GA, 1.315" OD x 12 GA, and 1.900" OD x 11 GA galvanized steel tubing. Finished with a baked on powder coating.

IIII. Taktiks climbers [Intensity, Nucleus] [Taktiks Bolt Climber; Taktiks, Tall Rope Wall; Taktiks Tangle Climber; Taktiks Crescent Climber; Taktiks Trestle Climber; Taktiks Bow Climber; Taktiks, Short Rope Wall; Taktiks Trail Climber] Rope shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly cover with polyester fibers. Aluminum grip, end connectors, and ferrules with stainless steel screws. Anchor Tube shall be 1.315" OD x 12 GA galvanized steel tubing. Galvanized 4/0 Chain 12" made of galvanized 4/0 straight coil chain. Arched Beams shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Disc Mounts shall be one piece all welded construction consisting of formed 1.315" OD x 12 GA galvanized steel tubing, 10 GA stainless steel sheet. Finished with a baked on powder coating. Rope Platforms, as well as Tube Climber, shall be one piece all welded construction consisting of formed 1.135" OD x 12 GA galvanized steel tubing, 10 GA stainless steel sheet. Finished with a baked on powder coating. Pods will consist of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction. Brass Spacer shall be Brass Tube 7/16" OD x .028" Wall. Hardware shall be stainless steel and black thermoplastic.

JJJJ. Trango Climber [Synergy] Post to Post weldment, vine climber shall be one piece all welded construction consisting of 1.660" OD X 12 GA & 1.315" OD X 12 GA galvanized steel tubing. Bracket vine climber connection shall be one piece all welded construction consisting of formed 7 GA stainless steel sheet and 8 GA galvanized sheet. Rope assembly tab to tab 84 11/16" shall be rope consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers. Aluminum end ferrules with stainless steel screws. Bracket, yoke connection 1 ³/₄" X 7 ¹/₄" shall be one piece all welded construction consisting of 3/8" thick stainless steel and formed 7 GA stainless steel sheet. Finished with a baked on powder coating.

KKKK. Transition Climber [Synergy] Grab bar one piece welded construction consisiting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked-on powder coat. Transition climber shall be ¹/₂" or ³/₄" extruded HDPE. Hardware package shall be stainless steel.

LLLL. Transition Rung Ladder [Nucleus, Voltage] Ladder shall be one piece all welded construction consisting of 1.315" x 14 GA galvanized steel tubing, and 14 GA galvanized steel plate. Finished with a baked on powder coating.

MMMM. Transition Ladder [Nucleus] Ladder shall be 3/4" extruded H.D.P.E. Enclosure shall be one piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts, connected to posts with cast aluminum KoreKonnect TM clamp castings, finished with a baked-on powder coating.

NNNN. Tree Branch Climber [Nucleus, Synergy, Intensity] Climbers consist of one piece all welded construction consisting of formed 1.315" x 12 GA galvanized steel tubing, and 7 GA stainless steel plate. Finished with a baked on powder coating.

OOOO. Tree Climber [Nucleus, Synergy, Voltage] Ring spacer, ring cap, sleeve, and handhold shall be linear, low density, rotationally molded, U.V. stabilized, polyethylene, .250" thick double wall construction with textured outside surfaces. Uprights shall be 3" square x 11 GA galvanized steel. Upright collar shall be 4" sq. x 1" x .250" wall aluminum extruded tube finished with a baked on black powder coating. Spacer shall be ½" extruded HDPE. Climber shall be 34" co-extruded HDPE, and climber transition strip shall be ½" extruded HDPE. Tube panel mounting 1 34" SQ X 32" shall be 1 34" SQ X 12 GA galvanized steel tubing.

PPPP. Trigon Arch [Nucleus, Voltage] Triangle climb through shall be a minimum of .22" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction and a textured outside surface. Brackets shall be one piece all welded construction consisting of 8 and 10 GA galvanized steel; finished with a baked on powder coating. Arched beam shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel formed plate and 8 GA galvanized steel plate; finished with a baked on powder coating. ³/₄" OD rod shall be stainless steel. Double clevis rope assembly shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules. Lower rope assembly shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules with stainless steel threaded rods and screws. Brass tube shall be 7/16"

OD with a .028" wall thickness. Hardware package shall consist of stainless steel hardware and black thermoplastic shims.

000Q. Trigon Arch GL [Nucleus, Synergy, Intensity] Triangle climb through shall be a minimum of .22" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction and a textured outside surface. Brackets shall be one piece all welded construction consisting of 8 and 10 GA galvanized steel; finished with a baked on powder coating. Arched beam shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel formed plate and 8 GA galvanized steel plate; finished with a baked on powder coating. ³/₄" OD rod shall be stainless steel. Rope assembly shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules, stainless steel U-bolts. Chain shall be galvanized 4/0 straight link coil chain. Anchor tube shall be 1.315" OD x 12 GA galvanized steel tubing. Brass Spacer shall be 7/16" OD X .028" wall thickness. Spacer 1.13" OD X .25" shall be 1/4" Nylatron GS. 5/16" Shackle with a 3/8" X 1 1/2" bolt. Hardware package shall consist of stainless steel hardware and black thermoplastic shims.

RRRR. Trigon Tower [Burke Basics, Intensity, Nucleus] Triangle climb through shall be a minimum of .22" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction and a textured outside surface. End bracket shall be formed 10 GA galvanized sheet steel; finished with a baked on powder coating. Rope connection bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and 8 GA galvanized steel sheet; finished with a baked on powder coating. Triangle top weldment shall be one piece all welded construction consisting of 2.375" OD x 10 GA galvanized steel tubing and 7 GA SS formed plates; finished with a baked on powder coating. Timble and stop rope assembly shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum and stainless steel end connectors and ferrules. Brass tube shall be 7/16" OD with a .028" wall thickness. ³/₄" OD rod and ¹/₂" u-bolt shall both be stainless steel. Hardware package shall consist of stainless steel hardware and black thermoplastic shims.

SSSS. Triple Twist N Turn Climber [Burke Basics] Each climber shall be a two piece all welded construction consisting of 1.900" OD x 11 GA and 1.029" OD x 14 GA galvanized tubing. Center post shall be an assembly consisting of 3 1/2" OD x 11 GA galvanized steel tubing, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Finished with a baked on powder coating.

TTTT. Twist N Turn Climber [Nucleus, Voltage] Climber shall be two piece all welded construction consisting of 1.900" OD x 11 GA & 1.315" OD x 12 GA galvanized tubing, and 10 GA galvanized plate. Finished with a baked on powder coating.

UUUU. Twist Net Climber [Nucleus, Synergy, Voltage] shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules with stainless steel screws. Black thermoplastic shim, aluminum rivets and brass tube 7/16" OD X .028" Wall. Offset enclosure shall be one piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA sheet steel. Finished with a baked on powder coating. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Anchor Tube shall be 1.315" OD x 12 GA galvanized steel tubing. Galvanized chain shall be 4/0 straight coil chain, 3/8" diameter.

VVVV. Twisting Traverse and Twisting Traverse 2-5 [Nucleus, Synergy, Intensity, Voltage] Beams shall be one piece all welded construction consisting of formed 2 3/8" OD x 12 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Finished with a baked on powder coating. Brass spacer 7/16" OD x 1 1/4" shall be brass tube 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place. Intensity shim package shall be black thermoplastic. Hardware package shall be stainless steel.

WWWW. Verto Climber 3FS, 3, 2, 1 [Nucleus, Synergy, Intensity, Voltage] shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA & 1.315 OD x 14 GA, 2 3/8" OD x 10 GA & 1.315 OD x 12 GA and galvanized steel tubing, 7 GA stainless steel sheet and 8 GA and 10 GA galvanized steel plate, finished with a baked on powder coating. Panels shall be 3/4" Extruded HDPE. Hardware packages shall be stainless steel.

XXXX. Vital Vortex Climber [Intensity, Nucleus] Climber shall be a one piece all welded construction consisting of 1.029" OD and 1.660" OD X 14 GA galvanized steel tubing and 7 GA stainless steel sheet. Finished with a baked on powder coating. Grab Bar shall be a one piece all welded construction consisting of 1.029" OD x 14 GA galvanized steel tubing and formed 3/16" stainless steel plate. Finished with a baked on powder coating.

YYYY. Wedge Climber [Nucleus, Voltage] Climber shall be one piece all welded construction consisting of 1.660" OD x 13 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

ZZZZ. Straight Wiggle Wall Climber [Nucleus, Voltage] Support beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 2 7/8" OD x 8 GA galvanized steel tubing, and 7 GA HRPO steel plate. Finished with a baked on powder coating. Main beams shall be one piece all welded construction consisting of 2 3/8" x 12 GA galvanized steel tubing and 1018 steel clevises. Finished with a baked on powder coating. Hung from the clevises are one piece nets constructed of 4/0 straight link coil chain with 1.029" OD x .075" wall galvanized tube rungs crimped to the chain. PVC coated after fabrication. Anchors, which are used to secure the nets, are one piece all welded construction consisting of 2.375" OD x .109" wall galvanized tubing and 2 1/2" x 1 1/2" x 3/16" HRS angle. Finished with a baked on powder coating after fabrication. End post is one piece all welded construction consisting of 2.375" OD x .109" wall galvanized steel tubing and post assembly consisting of 3 1/2" OD x 11 GA galvanized steel tubing, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Finished with a baked on powder coating.

AAAAA. Wiggle Ladder Climber [Nucleus, Voltage] Climber weldment shall be one piece welded construction consisting of 1.660" OD x 12 GA, 1.029" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked-on powder coating after fabrication. Chain shall be galvanized 4/0 straight link coil chain with 1.029" OD x .075" wall galvanized tube rungs crimped to chain. PVC coated after fabrication. Anchor tube shall be 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked-on powder coating

BBBBB. Wiggle Watchtower [Nucleus] Half clamp shall be a formed 8 GA galvanized steel plate finished with a baked on powder coating. Chain shall be galvanized 4/0 straight coil chain with PVC coating. Anchor tube shall be 1.315" OD x 12 GA galvanized steel tubing. Rings shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing with zinc plated steel nut inserts. Finished with a baked on powder coating. Entrance rings shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel plate. Finished with zinc plated steel nut inserts, and 10 galvanized steel plate. Finished with a baked on powder coating. Top beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 1.315" OD x 12 GA galvanized steel tubing, 1/4" HR steel plate, and 1018 steel clevises. Finished with a baked on powder coating.

CCCCC. Wiggle Watchtower [Voltage] Chain shall be galvanized 4/0 straight coil chain with PVC coating. Anchor tube shall be 1.315" OD x 12 GA galvanized steel tubing. Rings shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing with zinc plated steel nut inserts. Finished with a baked on powder coating. Entrance rings and handholds shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing with zinc plated steel nut inserts. Finished with a baked on powder coating. Entrance rings and handholds shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing with zinc plated steel nut inserts, and 10 galvanized steel plate. Finished with a baked on powder coating. Top beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 1.315" OD x 12 GA galvanized steel tubing, 7 GA HRPO steel plate, and 1018 steel clevises. Finished with a baked on powder coating.

DDDDD. Wild Web Rope Climber [Intensity, Nucleus] Arched Beam shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized

steel sheet. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

EEEEE. Wobbly Web, Net [Nucleus, Intensity] Rope assembly, wobbly web shall be rope consisting of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules with stainless steel screws. Plate shall be 10 GA galvanized steel plate finished with a baked on powder coating. Panel shall be 3/4" co-extruded HDPE. Hardware package shall be stainless steel screws, nuts & washer and bronze bushings.

FFFF. Zipper Climber [Nucleus, Voltage] Each side of climber shall be one piece all welded construction consisting of 1.900" OD x 11 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Finished with a baked on powder coating.

GGGGG. Web Bolt Climber [Nucleus] Rope Climber Support Brackets shall be one piece all welded construction consisting of 10 GA and 8 GA galvanized steel plate. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

2.10 Fitness

A. Arms N' Back [Nucleus] Climbing Walls shall be one piece all welded construction consisting of 10 GA x 2.375" OD galvanized tubing, 7 GA and 10 GA galvanized steel sheet. Finished with a baked on powder coating. Overhead shall be one piece all welded construction consisting of 10 GA x 2.375" OD galvanized tubing, 1.315" OD x 14 GA galvanized embossed steel tubing, 7 GA and 10GA galvanized steel sheet and eight threaded inserts. Finished with a baked on powder coating. Panels made of ³/₄" extruded HDPE. Bracket shall be one piece all welded construction consisting of 7 GA and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Fitness Grip to be made from Casted A356 aluminum, finished with a baked on powder coating.

B. Balance Challenge [Nucleus] Steps made from ³/₄" extruded HDPE. Frame shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized tubing, 10 GA and 14 GA galvanized plating. Finished with a baked on powder coating. Hardware shall be stainless steel.

C. Block Up 8"-16" [Burke Basics] Insert made of ³/₄" extruded HDPE. Cap shall be one piece all welded construction consisting 12 GA sheet steel with studs welded into

place. PVC coated after fabrication. Block Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware shall be stainless steel.

D. Block Up 20"-24" [Burke Basics] Insert made of $\frac{3}{4}$ " extruded HDPE. Cap shall be one piece all welded construction consisting 12 GA sheet steel with studs welded into place. PVC coated after fabrication. Block Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware shall be stainless steel.

E. Cargo Climber [Nucleus] Cap made from $\frac{1}{2}$ " extruded HDPE. Rope Assembly consists 6 right hand, regular lay strands, closed around synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers. Aluminum end connectors and ferrules with stainless steel screws. Horizontal Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized steel plating. Finished with a baked on powder coating. Vertical Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 and 12 GA galvanized steel plating. Finished with a baked on powder coating. Hardware shall consist of stainless steel. Aluminum rivets with stainless steel pins. Stainless steel button head cap screws, washers. Brass tube. Black thermoplastic shim.

F. Chest Press [Invigorate]: ³/₄" co-extruded HDPE seat and backrest attached to a one piece welded construction frame consisting of a 1/4" sheet steel zinc chromate coated base plate, 5" OD x 11 GA galvanized steel tubing, 1.66" OD x 12 GA galvanized steel tubing, machined 1/4" and 3/8" sheet steel plates with a zinc chromate coating, 8 GA and 10 GA galvanized steel plates all finished with a baked-on powder coating. Moving arm is one piece welded construction consisting of formed 1.66" OD X 11 GA galvanized steel tubing, 3/8" sheet steel plates with a zinc chromate finish and stainless steel threaded inserts all finished with a baked on powder coating/ ¹/₄" black HDPE spacers, galvanized steel and urethane torsion springs, zinc coated 1018 steel square shaft and stainless steel hardware.

G. Core Station [Nucleus] Insert made from ³/₄" extruded HDPE. Bench Mount shall be one piece all welded construction consisting of 10 x 2.375" OD and 12 GA x 1.315" OD galvanized tubing, 12 GA and 7 GA galvanized steel sheet, and two stainless steel threaded inserts. Finished with a baked on powder coating. Bench Cap shall be one piece all welded construction consisting of 12 GA x 1.660" OD galvanized steel tubing and threaded studs welded into place. PVC coated after fabrication. Bench Footer one piece all welded construction consisting of 12 Ga galvanized steel sheet, 11 GA x 1.900" OD galvanized tubing, 10 GA and 14 GA galvanized steel sheet. Finished with a baked on powder coating. Fitness Grip made from Casted A356 aluminum, finished with a baked on powder coating.

H. Elliptical [Invigorate]: Front support shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing, 1/4" HR steel sheeting, and 2 3/8" dia. steel rod zinc chromated, finished with a baked on powder coating. Elliptical rear support revolution assembly shall contain welded frame, disc weldments, 1" dia. zinc-chromated steel shaft, radial ball bearings. Rear support frame shall be weldment consisting of 2 3/8" OD X 10 GA galvanized steel tubing, machined housing and 1/4" HR steel sheeting, zinc chromated and finished with a baked on powder coating. Disc weldments shall be weldment consisting of 1/4" HR steel plate, machined pivots and housing, zinc chromated and finished with a baked on powder coating. Foot and hand linkages shall be assemblies consisting of one piece all welded construction consisting of 1.66" OD X 12 GA galvanized steel tubing, 1.315" OD x 14 GA galvanized steel tubing, 2 3/8" pipe, and 8 GA galvanized steel sheeting, finished with a baked on powder coating and radial ball bearings. Fitness grip casted of A356 aluminum, finished with a baked on powder coating. HDPE washer shall be 1/4" Extruded HDPE. Invigorate foot pad shall be 8 GA HRPO welded sheet steel, finished with a PVC coating. Hardware package shall be stainless steel. Loctite is provided as a thread locker..

I. Frog Hop [Nucleus] Insert made of ³/₄" Extruded HDPE. Rope Assembly consists 6 right hand, regular lay strands, closed around synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers. Aluminum end connectors and ferrules with stainless steel screws. Block Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Block cap consists of one piece all welded construction consisting of 12 Ga galvanized sheet steel with studs welded into place. PVC coated after fabrication. Step Frame Shall be one piece all welded construction consisting of 1.029" x 14 GA galvanized steel tubing, 10 GA galvanized steel sheet with studs welded into place. Finished in a baked on powder coating. Beams shall be one piece all welded construction consisting of formed 2 3/8" x 10 GA galvanized steel tubing, 7 GA stainless steel sheet and 8 GA galvanized steel plate. Arched Beam shall be one piece all welded construction consisting of formed 2 3/8" x 10 GA galvanized steel tubing, 7 GA stainless steel sheet. Finished with a baked on powder coating. Hardware shall consist of stainless steel and black thermoplastic.

J. High Stepper [Nucleus] Rope Assembly consists 6 right hand, regular lay strands, closed around synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with polyester fibers. Aluminum end connectors and ferrules with stainless steel screws. Bracket shall be one piece all welded construction consisting of a formed 7 GA stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware shall consist of stainless steel. Stainless steel button head cap screws, washers. Brass tube. Black thermoplastic shim.

K. Jungle Pipeline [Nucleus] Parallel Bar shall be one piece all welded construction consisting of formed 1.900" OD x 11 GA galvanized steel tubing and 7 GA galvanized steel sheet. Hardware shall be stainless steel.

L. Lava Leap [Burke Basics] Large Insert made from $\frac{3}{4}$ " extruded HDPE. Large Cap shall be one piece all welded construction consisting of 2 $\frac{3}{8}$ " OD x 12 GA galvanized steel plate. PVC coated after fabrication. Block Support shall be one piece all welded construction consisting of 2 $\frac{3}{8}$ " OD x 12 GA galvanized steel tubing and 10 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware consists of SS washers and lock nuts.

M. Lift N' Row [Nucleus] Insert made from $\frac{3}{4}$ " extruded HDPE. Cap shall be one piece all welded construction consisting of 12 GA galvanized steel plate. PVC coated after fabrication. Leg Lift shall be one piece a welded construction consisting of 10 GA x 2.375" OD galvanized tubing and 7 GA galvanized steel sheet. Finished with a baked on powder coating. Rowing station made up of one piece all welded construction consisting of 7 GA and 10 GA galvanized steel plate, 1.315" OD x 12 GA galvanized steel tubing, and 1.315" OD x 14 GA galvanized embossed steel tubing. Finished with a baked on powder coating. Hardware shall be stainless steel.

N. Mighty Max [Nucleus] Cap made of ¹/₂" extruded HDPE. Rope Assembly consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered in polyester fibers. Aluminum end connectors and ferrules with stainless steel screws. Horizontal Support shall be one piece all welded construction consisting of 2 3/8" x 12 GA galvanized steel tubing and 8 GA galvanized steel plating. Finished with a baked on powder coating. Vertical Support shall be one piece all welded construction consisting of 2 3/8" x 12 GA galvanized steel tubing, 2 3/8" x 12 GA galvanized steel swaged tubing, and 10 and 12 GA galvanized steel plating. Finish with a baked on powder coating. Hardware shall consist of stainless steel. Aluminum rivets and stainless steel pins. Stainless steel button head cap screws, washers. Brass tube. Black thermoplastic shim.

O. Mighty Might [Nucleus] Cap made of ¹/₂" extruded HDPE. Pipe Climber Shall be one piece all welded construction consisting of 2 3/8" x 12 GA galvanized steel tubing, 1.315" embossed steel tubing, and 12 GA galvanized steel plating. Finished with a baked on powder coating. Hardware shall be stainless steel.

P. Over Under [Nucleus] Panels made of ³/₄" extruded HDPE. High and Low Over Under should be one piece all welded construction consisting of 1.900" x 11 GA galvanized steel tubing and 10 GA galvanized steel plating. Finish with baked on powder coat. Hardware shall be stainless steel.

Q. Parallel Bars [Nucleus] Parallel Bar made of one piece all welded construction consisting of formed 1.900" OD x 11 GA galvanized steel tubing and 7 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware shall be stainless steel.

R. Pipe Climber [Nucleus] Cap made from $\frac{1}{2}$ " extruded HDPE. Climber shall be one piece all welded construction consisting of 2 $\frac{3}{8}$ " OD x 12 GA galvanized steel tubing, 1.315" embossed steel tubing, and 12 GA galvanized steel plating. Finished with a baked on powder coating.

S. Plyo Block 8"-16" [Burke Basics] Insert made of ³/₄" extruded HDPE. Support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Cap shall be one piece all welded construction consisting of 12 GA galvanized sheet steel with studs welded into place. PVC coated after fabrication. Hardware shall be stainless steel.

T. Plyo Block 20"-24" [Burke Basics] Insert made of $\frac{3}{4}$ " extruded HDPE. Support shall be one piece all welded construction consisting of 2 $\frac{3}{8}$ " OD x 12 GA galvanized steel tubing and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Cap shall be one piece all welded construction consisting of 12 GA galvanized sheet steel with studs welded into place. PVC coated after fabrication. Hardware shall be stainless steel.

U. Pull-Up [Nucleus] Push Pull to be one piece all welded construction consisting of 10 Ga x 2.375" OD galvanized tubing, 1.315" OD x 14 GA galvanized embossed steel tubing and 7 GA galvanized steel sheet and three threaded inserts. Finished with a baked on powder coating. Fitness Grip to be Casted A356 aluminum, finished with a baked on powder coating.

V. Push-Up [Nucleus] Push Pull to be one piece all welded construction consisting of 10 Ga x 2.375" OD galvanized tubing, 1.315" OD x 14 GA galvanized embossed steel tubing and 7 GA galvanized steel sheet and three threaded inserts. Finished with a baked on powder coating. Fitness Grip to be Casted A356 aluminum, finished with a baked on powder coating.

W. Recumbent Bike [Nucleus] ³/₄" co-extruded HDPE seat and backrest attached to a one piece welded construction frame consisting of a 1/4" sheet steel zinc chromate coated base plate, 5" OD x 11 GA galvanized steel tubing, 1.66" OD x 12 GA galvanized steel tubing, machined 1/4" and 3/8" sheet steel plates with a zinc chromate coating, 8 GA and 10 GA galvanized steel plates all finished with a baked-on powder coating, and post cap shall be 5" OD AL: A356 – Aluminum. Recumbent bike crank support shall contain welded frame, disc weldments, 1" dia. zinc-chromated steel shaft, radial ball bearings. Support frame shall be weldment consisting of 2 3/8" OD X 10 GA galvanized steel tubing, machined housing and 1/4" HR steel sheeting, zinc chromated and finished with a baked on powder coating. Disc weldments shall be weldment consisting of 1/4" HR steel plate, machined pivots and housing, zinc chromated and finished with a baked on powder coating. HDPE washer shall be 1/4" Extruded HDPE. Pedal, recumbent bike shall consist of 3/4" Extruded HDPE with Texture. Hardware package shall be stainless steel. Loctite is provided as a thread locker.

X. Stretch Beams [Nucleus] Stretch Bar shall consist of shall be one piece all welded construction consisting of formed 1.315" OD x 14 GA embossed galvanized steel

tubing and 7 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware to be stainless steel.

Y. Strider [Invigorate] One-piece welded construction frame consisting of 5" OD X 11 GA galvanized steel tubing, 1.315" OD X 14 GA embossed galvanized tubing, 1/4" HRS base plate welded and finished with a baked-on powder coating. ¹/₄" black HDPE spacers, Leg assembly consisting of 1.9" OD X 11 GA galvanized steel tube, 8 GA formed galvanized plate finished with a baked-on powder coating. Sealed radial ball bearings with a chrome finish. Footpad consisting of 8 GA HRPO welded sheet steel, finished with a PVC coating. Acrylonitrile butadiene rubber spacers and 3/8" 1018 zinc chromated sheet steel end caps finished with a baked-on powder coating.

Z. Summit Bridge [Nucleus] Rope Assembly consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered in polyester fibers. Aluminum end connectors and ferrules with stainless steel screws. Bracket consists of one piece all welded construction consisting of 7 GA SS sheet and 8 GA galvanized steel plate. Finished with a baked on powder coating. Support shall be one piece all welded construction consisting of 7 GA SS, 8 GA and 10 GA galvanized plating, and 1.990" OD x 11 galvanized steel tubing. Finished with a baked on powder coating. Formed Tube made of 1.660" OD x 12 GA galvanized tubing. Finished with a baked on powder coating. Rope Wall and Platform Panels made of ³/₄" extruded HDPE. Anchor tube to be made of 1.315" OD x 12 GA galvanized steel tubing. Chain shall be 3/8" diameter, 4/0 straight coil chain. PVC coated after fabrication. S-Tube shall be one piece all welded construction consisting of 7 GA SS, 8 GA and 10 GA galvanized plating, and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Rope Climb and Platform Cap shall be one piece all welded construction consisting of 12 GA HRPO steel sheet. PVC coated with textured traction surface after fabrication. Rail shall consist of one piece all welded construction consisting of 7 GA SS plate and 1.900" OD x 11 GA galvanized tubing. Finished with a baked on powder coating. Arched Beam shall be one piece all welded construction consisting of 7 GA SS plate and 1.660" OD x 12 GA galvanized tubing. Finished with a baked on powder coating. Brass Spacer made from Brass Tube 7/16" OD x .028" Wall. Hardware shall consist of stainless steel and black thermoplastic.

AA. Twinkle Toes [Nucleus] Rope Assembly consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered in polyester fibers. Aluminum end connectors and ferrules with stainless steel screws. Bracket consists of one piece all welded construction consisting of a formed 7 GA stainless steel plate and 8 GA galvanized steel sheet. Finished with a baked on powder coating. Hardware shall be stainless steel and consist of stainless steel button head cap screws, washers. Brass tube. Black thermoplastic shim.

BB. Wall Clinger [Nucleus] Plank shall be ³/₄" extruded HDPE. Tube shall consist of 1.660" x 12 GA galvanized tubing. Finished with a baked on powder coating. Plank Cap shall be one piece all welded construction consisting of 12 GA galvanized sheet

steel and a plank cap. Finished with a PVC coating. Beams shall be one piece all welded construction consisting of 1.900" x 11 GA galvanized steel tubing and 7 GA galvanized steel sheet. Finished with a baked on powder coating. Spider Walls shall be one piece all welded construction consisting of 1.660" x 12 GA galvanized steel tubing, 1.315" OD x 12 GA galvanized steel tubing, and 7 GA galvanized sheet steel. Finished with a baked on powder coating. Panel Assembly made of $\frac{1}{2}$ " extruded HDPE and zinc-plated alloy steel. Hardware shall be stainless steel.

2.11 Miscellaneous

A. Activity Tables [Nucleus, Voltage, Little Buddies] at Ground Level shall attach to structures using mounting tubes which are attached to Activity Table panel held up with support posts on the opposite ends of the panel.

- Mounting tube [Voltage] shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 10 GA galvanized steel plate. [Little Buddies] shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, 10 GA galvanized steel plate and 3/4" x 1" HR steel. All finished with a baked on powder coating.
- 2. Activity table end panel shall be 3/4" extruded high-density polyethylene.
- 3. Support post shall be one piece all welded construction consisting of 12 GA galvanized steel plate and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

B. Agility Arc [Intensity, Nucleus] One piece all welded construction consisting of formed 1.900" OD x 11 GA and 7 GA stainless steel sheet. Finished with a baked on powder coating.

C. Balcony [Nucleus, Voltage] Handrail shall be one piece all welded construction consisting of 1.315" OD x 12 GA, 1.315" OD x 14 GA, & 1.029" x 14 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Platform shall be one piece all welded construction consisting of 12 GA surfaces, gussets, and face plate. PVC coated after fabrication. Deck adapter shall be one piece all welded construction. PVC coated after fabrication.

D. Banister Rails [Nucleus, Voltage] Each side shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating.

E. Bell, Post mounted [Nucleus, Voltage, Synergy, Little Buddies] Tube, bell shall be one piece all welded construction consisting of 5" OD x SCH 10 aluminum tubing and 5" OD aluminum plate finished with a baked on powder coating. Bracket bell shall be one piece all welded construction consisting of galvanized tubing finished with a baked on powder coating. Knob shall be ³/₄" extruded HDPE. Galvanized 4/0 chain 12" shall

be galvanized 4/0 straight coil chain. Spacer 1.13" OD X .25" shall be ¼" nylatron GS. Hardware shall be stainless steel.

F. Bench [Little Buddies] Seat shall be one piece all welded construction consisting of 12 GA HRPO steel and stainless steel threaded studs. PVC coated after fabrication. Supports shall be one piece all welded construction consisting of 3/4" x 1" x 16 GA HRPO steel rectangular tubing, and 14 GA galvanized sheet steel. Finished with a baked on powder coating.

G. Bench [Nucleus, Voltage] Bench shall be 3/4" extruded high-density polyethylene. Support shall one piece all welded construction consisting of 1.315" OD x 14 GA galvanized tubing, formed 3/16" stainless steel plates and 10 GA HRS steel plates. Finished with a baked on powder coating.

H. Butterfly Post Topper [Intensity, Nucleus, Voltage, Little Buddies] shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware

I. Closure Plates [Nucleus, Synergy, Voltage, Little Buddies] 14 GA galvanized steel plate finished with a baked-on powder coating.

J. Corner seat [Little Buddies] Seat shall be made of 3/4" extruded high-density polyethylene. Support shall be one piece all welded construction consisting of 3/4" x 1" x 16 GA rectangular HRPO steel tubing, 1/4" HR steel plate & 14 GA galvanized steel plate. Finished with a baked on powder coating.

K. Cross Bar [Synergy,Voltage] Bar shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 7 GA HRPO steel. Finished with a baked on powder coating.

L. Cross Bar Add-On [Nucleus, Voltage, Little Buddies] shall be one piece all welded construction consisting of 10 GA galvanized steel sheet, 14 GA galvanized steel sheet, 3/4" x 1" HR steel, 1.900" OD X 11 GA galvanized steel tubing, and 1.315" OD X 14 GA galvanized steel tubing. Finished with a baked-on powder coating.

M. Dynamic Pad [Intensity, Nucleus] Pad shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Mounting brackets shall be one piece all welded construction consisting of 10 GA galvanized sheet steel, 7 GA stainless steel sheet and formed 1.315" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

N. Evergreen Post Topper [Intensity, Nucleus, Voltage, Little Buddies] shall be 3/4" co-extruded H.D.P.E.

O. Extreme Cyclone [Intensity, Nucleus, Synergy] Middle Section Spinner shall be one piece all welded construction consisting of formed 1.660" OD x 12 GA & 1.315" OD x 12 GA galvanized steel tubing, 3 1/2" OD x 3/8" wall DOM steel tubing and 1/4"

HR steel plate. Finished with a baked on powder coating. Spinner Arched Beam shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA & 1.315" OD x 12 GA galvanized steel tubing and 7 GA stainless steel sheet. Finished with a baked on powder coating. Bearings shall be heavy duty, precision thrust, sealed ball bearing and PBT thermoplastic housing, zinc coated insert, sealed bearing. Spinner cover shall be 3/4" extruded H.D.P.E. Plate Cover Support shall be 10 GA stainless steel sheet finished with a baked on powder coating. Cyclone Anchor Assembly shall consist of an anchor weldment, rubber boot, malleable iron universal joint, bearings, stainless steel set screws and CF steel shaft.

P. EZ Tension Mechanism, EZ Tension Shadeplay Canopy [Shadeplay Canopies, Synergy] Adjustable tension mechanism consisting of a machined galvanized tube with a 5/8"EcoGuard coated hex bolt as the drive mechanism. Stainless Steel shaft collar and SAE oil impregnated bronze flanged bearing are included along with machined 1018 steel retaining blocks. 12' X 12' or 15' X 15' shadeplay canopy w/cables shall be monofilament and tape construction high density polyethylene knitted shade fabric with vinyl covered galvanized cables and galvanized turnbuckles. Performance Specification: Shade Canopy shall withstand uplift values of 19.63 PSF at a maximum of 90 MPH wind speed. Rafter, long and short synergy shall be one piece all welded construction consisting of 1.900" OD X 11 GA, 1.660" OD X 12 GA, 3.5" OD X 11 GA galvanized steel tubing and a machined, zinc-plated steel pivot. Arm tensioning shall be one piece welded construction of galvanized steel tubing. Plate 6 3/4" X 6 3/4" X 8 GA; plate, end cap tension are, end cap, stationary pivot arm shall be 8 GA galvanized steel plate. Insert connector 1" X 1 ¹/₄" X 9" shall be 1" X 1 ¹/₄" HR steel bar. Rafter adaptor, 15' X 15'SQ roof synergy or HEX roof shall be 1.900" OD X 11 GA galvanized steel tubing Finished with a baked on powder coating. Pin, dowel, 1/2" DIA X 1 ¹/₂ shall be hardened steel with a zinc chromate finish. Hardware package shall be stainless steel screws, washers & nuts, zinc plated steel lock nuts & hex head screws, and aluminum rivet with stainless steel pin.

Q. Fierce Cyclone [Intensity, Nucleus, Synergy, Voltage] Middle Section Spinner shall be one piece all welded construction consisting of formed 1.660" OD x 12 GA, 1.315" OD x 12 GA galvanized steel tubing, 3 1/2" OD x 3/8" wall DOM steel tubing and 1/4" HR steel plate with zinc chromate plating. Finished with a baked on powder coating. Spinner Arched Beam shall be one piece all welded construction consisting of formed 2 3/8" OD x 10 GA & 1.315" OD x 12 GA galvanized steel tubing and 7 GA stainless steel sheet. Finished with a baked on powder coating. Bearings shall be heavy duty, precision thrust, sealed ball bearing and PBT thermoplastic housing, zinc coated insert, sealed bearing. Spinner cover shall be 3/4"extruded H.D.P.E. Cyclone Anchor Assembly shall consist of an anchor weldment, rubber boot, malleable iron universal joint, bearings, stainless steel set screws and CF steel shaft.

R. Flag [Voltage] Assembly consists of stainless steel screw, nylon washer, zinc plated steel washer, flag pole weldment consisting of 14 GA galvanized steel plate and 1.315" OD x 12 GA galvanized steel tubing, and flag base weldment consisting of 4" OD x .22" wall steel tubing, 1.029" x 14 GA galvanized steel tubing, and 10 GA galvanized steel plate. Assembly is finished with a baked on powder coating.

S. Flag Post Topper [Intensity, Nucleus, Voltage, Little Buddies] shall be 3/4" co-extruded H.D.P.E.

T. Flag Full Color Custom Post Topper [Intensity, Nucleus, Voltage, Little Buddies] shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware

U. Healthy Hammock [Intensity, Nucleus] Rope Connection Bracket shall be one piece all welded construction consisting of a formed 3/16" stainless steel plate and a 8 GA galvanized steel sheet. Finished with a baked on powder coating. Brass spacer shall be 7/16" OD X .028" Wall. Rope Assembly shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules secured with stainless steel screws and swaged in place.

V. Intensity Slide Platform [Nucleus, Intensity] shall be one piece all welded construction consisting of 12 GA surfaces, gussets, and face plate. PVC coated after fabrication. Support is a one piece all welded construction consisting of formed 1.900" OD x 11 GA, 8 GA galvanized sheet steel and 7 GA stainless steel sheet. Finished with a baked on powder coating. Barriers are one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 12 GA galvanized steel tubing, 10 GA galvanized steel plate, finished with a baked on powder coating and $\frac{3}{4}$ " extruded HDPE panels. Cross bar consisting of 1.315" OD x 12 GA galvanized steel tubing, malleable iron plug. Finished with a baked on powder coating. Stainless steel hardware.

W. Launch pad [Synergy] Small launch panel shall be ³/₄" co-extruded HDPE. 3.5" launch pad support shall be one piece, all welded construction consisting of 1.315" OD X 12 GA galvanized tubing, 7 GA stainless steel sheeting, and 10 GA galvanized steel sheeting. Finished with a baked on powder coating.

X. Leaf Seat, Single and Double [Nucleus, Synergy, Voltage] Single Leaf Bracket and Double Leaf Seat Frames shall each be one piece all welded construction consisting of a formed 3/16" stainless steel plate, 10 GA galvanized steel plate and 1.315" OD x 14 GA galvanized steel tubing with a baked on powder coating. Leaf Step/Seat shall be cast aluminum alloy finished with a baked on powder coating.

Y. Pennant Post Topper [Intensity, Nucleus, Voltage, Little Buddies] shall be 3/4" co-extruded H.D.P.E.

Z. Pennant Full Color Custom Post Topper [Intensity, Nucleus, Voltage, Little Buddies] shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware

AA. Pep Step [Intensity, Nucleus] Step shall be 1/4" thick, linear, low density, rotationally molded, UV stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and textured surface. Mounting bracket shall be one piece all welded construction consisting of 10 GA galvanized sheet steel, 7 GA stainless steel

sheet and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

BB. PlayEnsemble Cirque Drum I, II, III, IV & V: Assemblies consisting of ABS plastic body, U-PVC resonator cap and stainless steel hardware. Mounts shall be one piece all welded construction consisting of 2.375" OD galvanized tubing, 1.315" OD x 14 GA galvanized tubing and four threaded inserts. Finished with a baked on powder coating.

CC. PlayEnsemble Supine Chimes, PlayEnsemble Supine Chimes Hue: Mounting frame shall be a one piece all welded construction consisting of 11 GA x 1.900" OD galvanized tubing, 7 GA and 8GA galvanized steel sheet. Finished with a baked on powder coating. Panel assembly shall be 3/4" extruded and co-extruded HDPE, aluminum anodized tubing, rubber dampers, stainless steel brackets, polyurethane mallets with nylon-coated wire ropes, assembled with stainless steel hardware.

DD. PlayEnsemble Terra Metallophone: Mounting frame shall be a one piece all welded construction consisting of 11 GA x 1.900" OD galvanized tubing, 7 GA and 8GA galvanized steel sheet. Finished with a baked on powder coating. Panel assembly shall be 3/4" extruded and co-extruded HDPE, aluminum anodized flat bar stock, rubber dampers, stainless steel brackets, polyerethane mallets with nylon-coated wire ropes, assembled with stainless steel hardware.

EE.PlayEnsemble Titan Chimes: Mounting frame shall be one piece all welded construction consisting of 11 GA x 1.900" OD galvanized tubing, 7 GA galvanized steel sheet and 3/8" stainless steel tabs. Finished with a baked on powder coating. Chime assemblies shall be aluminum anodized tubing, stainless steel turnbuckles and threaded rods, rubber dampers and stainless steel hardware. Mallet rests shall be 3/4" extruded HDPE, mounts consisting of one piece all welded construction consisting of 7 GA and 10 GA galvanized steel sheet. Finished with a baked on powder coating. Stainless steel hardware. Panel assembly shall be 3/4" extruded and co-extruded HDPE, aluminum anodized flat bar stock, rubber dampers, stainless steel brackets, polyerethane mallets with nylon-coated wire ropes, assembled with stainless steel hardware.

FF. Play Mat shall be 4' x 6' x 2" consisting of Recycled Vulcanized Tire Rubber with a Natural Latex Compound binder.

GG. Post to post bench panel [Synergy] shall be ³/₄" co-extruded HDPE. Bench support shall be one piece all welded construction consisting of 1.315" OD X 14 GA galvanized steel tubing, 10 GA galvanized plating, and 7 GA stainless steel sheeting. Finished with a baked on powder coating. Hardware package shall be stainless steel.

HH. Rapid Rails [Intensity, Nucleus] Upper and Lower Rails shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing and 7 GA stainless steel plate. Finished with a baked on powder coating. Agility Arc shall be

one piece all welded construction consisting of formed 1.900" OD x 11 GA and 7 GA stainless steel sheet. Finished with a baked on powder coating.

II. Rung Attachment [Circuit Play] is one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and formed 3/16" stainless steel plates and an 8 GA galvanized attachment plate. Finished with a baked on powder coating.

JJ. Schooner Sail [Nucleus] Brackets shall be an assembly consisting of an 8 GA galvanized sheet steel finished bracket with a baked-on powder coat, mast arms shall be one piece all welded construction consisting of 3 ¹/₂" OD 11GA galvanize steel tubing and 8 GA galvanized steel plate, finished with a baked-on powder coat. Lower arch and brace arms shall be one piece all welded construction consisting of 1.900" OD 11GA galvanize steel tubing and 8 GA galvanize steel tubing and 8 GA galvanized steel plate, finished with a baked-on powder coating. Sail shall be monofilament and tape construction high density polyethylene, knitted. Rope assemblies shall consist of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers. Aluminum end connectors and ferrules. Stainless steel hardware. Post assembly shall be 5" OD 11GA galvanized steel tubing, ¹/₄" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets, finished with a baked on powder coating.

KK. Ship Mast Main Rope and Angled Rope [Nucleus] shall consists of 6 right hand, regular lay strands, closed around a synthetic fiber core, with each preformed strand consisting of 8 galvanized steel wires tightly covered with multifilament polypropylene fibers, aluminum end connectors and ferrules with stainless steel screws, black thermoplastic shim, brass spacer tube, and stainless steel hardware.

LL.Ship Mast/Sail Assembly [Nucleus] shall be an assembly consisting of an 8 GA galvanized sheet steel finished bracket with a baked-on powder coat, one piece all welded construction mast arms consisting of $3 \frac{1}{2}$ OD 11GA galvanize steel tubing and 8 GA galvanized steel plate, finished with a baked-on powder coat, monofilament and tape construction high density polyethylene knitted ship sails, stainless steel hardware, and upper ship post assembly consisting of 5" OD 11GA galvanized steel tubing, $\frac{1}{4}$ " wall cast aluminum cap, and $\frac{1}{8}$ " x 15/32" aluminum drive rivets, finished with a baked on powder coating.

MM. Ship's Wheel Assembly [Nucleus] Ship's wheel assembly shall be an assembly consisting of ³/₄" co-extruded H.D.P.E., ¹/₂" extruded H.D.P.E., 0.263" impact resistant UHMW polyethylene, one piece all welded construction consisting of a formed 3/16" stainless steel plate and 304 stainless steel finished with a baked on powder coat, zinc plated steel washer, bronze bearing, and stainless steel hardware.

NN. Sliding Poles [Nucleus, Synergy, Voltage] 1.660" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Synergy stanchion crossbar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Climber enclosure shall be ³/₄" co-extruded HDPE, climber transition strip shall be ¹/₂" extruded HDPE and tube, panel mounting shall be 1 ³/₄" SQ

X 32"; 1 ¾" SQ X 12 GA galvanized steel tubing. Finished with a baked on powder coat.

OO. Sky Pods [Nucleus, Voltage, Synergy] 4/0 chain shall be 3/8" diameter, 4/0 straight coil chain. G-70 chain shall be 3/8" diameter with a yellow dichromate finish. Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing. Ring spacer shall be linear, low density rotationally molded, U.V. stabilized, polyethylene, .250" thick, double wall construction with a textured outside surface. Ring cap shall be linear, low density rotationally molded, U.V. stabilized, polyethylene, .250" thick, single wall construction with a textured outside surface. Spacers and sleeves shall be 1/2" OD x .058" black tube. End support beams shall be one piece all welded construction consisting of 2.375" OD x 14 GA & 2.875" OD x 12 GA galvanized steel tubing, 2.125" OD x .219" wall black steel tubing, and malleable iron support pins, and finished with a baked on powder coating. Sky pod support beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing and 3/16" HRS flat, and finished with a baked on powder coating. Mounting caps shall be one piece all welded construction consisting of 1018 HR steel and 1 9/16" OD x 13 GA CRS DOM tubing, and finished with a baked on powder coating. Sky pod weldment shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, 3" x 3" x 11 GA 1018 square steel tubing, and 7 GA & 10 GA steel plate, and finished with a baked on powder coating.

PP. Steering Wheel [Nucleus, Synergy, Voltage, Little Buddies] Steering wheel weldment shall be an assembly consisting of 1/2" OD black tube, 2 bronze bearings, a stainless steel screw and washer, a zinc plated push nut, and a one piece all welded steering wheel made of 14 GA spun steel and a 1018 hot rolled steel hub. Steering wheel is PVC coated after fabrication.

QQ. Spiral Spinner [Little Buddies] Bearing shall be oil impregnated bronze. Spinner shall be 3/4" co-extruded high-density polyethylene. Standoff shall be one piece all welded construction consisting of 1.029" OD galvanized steel tubing, and 3/8" stainless steel t-nuts, and finished with a baked on powder coating.

RR. Swift Glider [Intensity, Nucleus] Glider shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and a textured surface. Upper enclosure shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, a formed 3/16" stainless steel plate. Finished with a baked on powder coating. Supports shall be one piece all welded constructions consisting of 1.900" OD x 11 GA galvanized steel tubing and/or 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

SS. Tabletop [Little Buddies] Table top shall be of 3/4" co-extruded high-density polyethylene. Post shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 7 GA HRPO steel plate, and finished with a baked on powder coating.

TT. Telescope [Nucleus, Synergy, Little Buddies] Assembly consisting of a stainless steel screw, zinc plated washers, an oil impregnated bronze bearing, a 1/2" OD x .058" wall black tube, a one piece all welded telescope consisting of formed 10 GA galvanized steel plates, 1.315 OD x 14 GA galvanized tubing, stainless steel threaded insert, and a one piece all welded telescope mount consisting of 1/4" aluminum plates, a 4" OD x .250" wall aluminum tube, a 3 1/2" OD x .120" wall aluminum tube, and a 1/4" wall cast aluminum cap. Telescope and telescope mount are finished with a baked on powder coating.

UU. Tree Trunk [Voltage] Tree Trunk parts shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.

2.12 NPPS Supervision Safety Kit

A. NPPS Supervision Safety Kit: National Program for Playground Safety Supervision safety kit including training manual, training video, and supervision fanny pack with supplies.

2.13 Overhead Events

A. Athletic Arch [Intensity, Nucleus, Synergy] Overhead Beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 1.029" OD x 14 GA galvanized steel tubing, and 7 GA galvanized steel plate. Finished with a baked on powder coating. Pep Step shall be 1/4" thick, linear, low density, rotationally molded, UV stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and textured surface. Step mounting bracket shall be one piece all welded construction consisting of 10 GA galvanized sheet steel, 7 GA stainless steel sheet and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

B. Athletic Arch 2-5 [Intensity, Nucleus, Synergy] Overhead Beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 1.029" OD x 14 GA galvanized steel tubing, and 7 GA galvanized steel plate. Finished with a baked on powder coating.

C. Chain Horizontal Ladders [Voltage] Support bar shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing, 3/8" diameter HR steel round, and grade 32510 malleable iron support pin, and PVC coated after fabrication. Chain net assembly shall consist of 4/0 straight link coil chain and 3/8" diameter zinc plated S-hooks, and PVC coated after fabrication. Mount bracket shall be one piece all welded construction consisting of 1 9/16" OD X 13 GA steel tubing, 3/16" stainless steel plate, and 10 GA galvanized steel plate.

D. Overhead Ladder 2-5 [Little Buddies, Voltage, Nucleus] shall consist of an overhead ladder, rubber wedge bonded to take-off anchor with adhesive.

1. Overhead ladder 2-5 [Little Buddies] shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.029" OD x 14 GA

galvanized steel tubing; 3/4" x 1" HR steel and 10 GA galvanized sheet steel. [Voltage] shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.029" OD x 14 GA galvanized steel tubing. Both finished with a baked on powder coating.

- 2. Rubber Wedge shall be composed of SBR (recycled tire rubber) and EPDM (new synthetic) rubber granules and one component polyurethane binder. The rubber granules and the binder are inert in their cured state, leaving us with a finished product that does not require an MSDS sheet.
- 3. Adhesive (CX-948), 300ml tube shall be a single component urethane adhesive see MSDS sheet located in your Installation Guidelines Structure Book.
- Take-off anchor shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.

E. Plexus Overhead [Nucleus, Intensity, Synergy] shall be a one piece welded construction consisting of 2.375" OD x 10 GA or 2 3/8" OD x 12 GA and 1.315" OD x 14 GA galvanized tubing, 12 GA galvanized steel plate and nut inserts. Or, plexus overhead, shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and formed 7 GA stainless steel plates. Finished with a baked on powder coat. Stainless steel hardware and aluminum rivets.

F. Robust Rocker Overhead [Intensity, Nucleus] shall be assembled using end brackets, main beam, molded urethane rods and stainless steel hardware to produce a rocking-rolling motion. End brackets shall be one piece all welded construction consisting of 3" square x 10 GA galvanized tubing, 10 ga. galvanized plates and formed 3/16" stainless steel plates. Finished with a baked on powder coating. Main beam shall be one piece all welded construction consisting of 2.375" x 12 GA galvanized steel tube, 10 GA galvanized plates, 1 3/4" square tubing and 1.029" OD X 14 GA galvanized steel tube rungs. Finished with a baked on powder coating. For transitioning on and off the overhead, step mounting brackets and pep steps are utilized. Step mounting bracket shall be one piece all welded construction consisting of 10 GA galvanized sheet steel, 7 GA stainless steel sheet and 1.315" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Pep Step shall be 1/4" thick, linear, low density, rotationally molded, UV stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and textured surface.

G. Rocking Snake Overhead [Nucleus, Voltage, Burke Basics] shall be assembled using support beams, main beam, end supports, molded urethane rods and stainless steel hardware to produce a rocking-rolling motion. Support beam [] shall be one piece all welded construction consisting of 2.375" OD x 14 GA, 3" square x 10 GA galvanized tubing, 2.875" OD x 12 GA galvanized steel tubing, 10 GA galvanized plates and malleable iron support pins. Finished with a baked on powder coating. Support beam [Voltage] shall be one piece all welded construction consisting of 2.375" OD x 14 GA, 3" square x 10 GA galvanized tubing, 2.875" OD x 12 GA galvanized steel tubing, 10 GA galvanized plates and formed 3/16" stainless steel plates. Finished with a baked on powder coating. consisting of 2.375" x 12 GA galvanized steel tube, 10 GA galvanized plates, 1 3/4" square tubing and 1.029" OD X 14 GA galvanized steel tube rungs. Finished with a baked on powder coating. Freestanding end support shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA, 3" square x 10 GA galvanized tubing, 2 3/8" x 12 GA, 1.315" OD x 12 GA, 10 GA galvanized plate and 1.029" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

H. Round-A-Bout [Nucleus, Voltage] Connection tube shall be 2.375" OD x 10 GA galvanized steel tubing finished with a baked on powder coating. Round-a-bout shall be one piece all welded construction consisting of 1.900" OD x 11 GA and 1.315" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating. Mid-support leg shall be one piece all welded construction consisting of 2.375" x 10 GA and 1.900" OD x 11 GA galvanized steel tubing finished with a baked on powder coating. Support beams shall be one piece all welded construction consisting of 2.375" x 10 GA and 1.900" OD x 11 GA galvanized steel tubing finished with a baked on powder coating. Support beams shall be one piece all welded construction consisting of 2.375" OD x 10 GA, 1.900" OD x 11 GA, and 1.315" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

I. S & C Horizontal Ladder [Nucleus] T-fitting casting shall be cast aluminum heattreated alloy, finished with a baked on powder coating. Support posts shall be 2.375" OD X 12 GA galvanized steel tubing finished with a baked on powder coating. Horizontal ladders shall be one piece all welded construction consisting of 2.375" OD x 12 GA and 1.315" x 14 GA galvanized steel tubing. Finished with a baked on powder coating.

J. S & C Horizontal Ladder [Voltage] T-fitting casting shall be cast aluminum heattreated alloy, finished with a baked on powder coating. Support posts shall be 2.375" OD X 12 GA galvanized steel tubing finished with a baked on powder coating. Fitting shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing. Finished with a baked on powder coating. Horizontal ladders shall be one piece all welded construction consisting of 1.900" OD x 11 GA and 1.315" OD x 14 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked on powder coating..

K. S & C Ring Swing Ladder, Straight Ring Swing Ladder, 90 Deg Ring Swing Ladder [Voltage, Nucleus] Rings shall be 356-T6 cast aluminum alloy, PVC coated. Pendulum shall be hot-dipped galvanized, grade 32510, heat treated, malleable iron. Clevis shackle with bolt shall be galvanized malleable iron. Bearings shall be oil impregnated, bronze. Support beams shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA and 2 7/8" OD x 8 GA galvanized steel tubing, and formed 3/16" stainless steel plate. Finished with a baked on powder coating. Main beam shall be one piece all welded construction consisting of 2.375" x 12 GA galvanized steel tubing and 3/16" HR steel plate. Finished with a baked on powder coating. Support ladder shall be one piece all welded construction consisting of 2.375" X 12 GA powder coating. Support ladder shall be one piece all welded construction consisting of 2.375" of x 12 GA and 2.875" OD x 8 GA galvanized steel tubing. Finished with a baked on powder coating. L. S & C Snake Overhead, Straight Snake Overhead, 90 Degree Snake Overhead [Voltage, Nucleus] Support beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA and 2 7/8" OD x 8 GA galvanized steel tubing, and formed 3/16" stainless steel plate. Finished with a baked on powder coating. Main beam shall be one piece all welded construction consisting of 2.375" x 12 GA & 1.029" OD X 14 GA galvanized steel tubing. Finished with a baked on powder coating. Ladder support shall be one piece all welded construction consisting of 2.375" OD x 12 GA and 2.875" OD x 8 GA galvanized steel tubing. Finished with a baked on powder coating.

M. S & C Triangle Ladder, S Curve Triangle Ladder, Straight Triangle Ladder, 90 Degree Triangle Ladder [Nucleus, Voltage, Synergy] Support beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 2 7/8" OD x 8 GA galvanized steel tubing, and 3/16" stainless steel plate. Finished with a baked on powder coating. Main beam shall be one piece all welded construction consisting of 2.375" x 12 GA & 1.029" OD X 14 GA galvanized steel tubing. Finished with a baked on powder coating. Ladder support shall be one piece all welded construction consisting of 2.375" OD x 12 GA and 2.875" OD x 8 GA galvanized steel tubing. Finished with a baked on powder coating. Freestanding end support shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA, 2 3/8" OD x 12 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing.

N. Straight Horizontal Ladder [Nucleus] Horizontal ladder shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA and 1.315" OD x 12 GA galvanized steel tubing and 7 GA stainless steel plate. Finished with a baked on powder coating.

O. Straight Horizontal Ladder, Incline Horizontal Ladder [Voltage] Horizontal ladder shall be one piece all welded construction consisting of 1.900" OD x 11 GA, 1.315" OD x 12 GA and 1.315" OD x 14 GA galvanized steel tubing; and 10 GA galvanized sheet steel. Finished with a baked on powder coating.

P. Triangle Traverse [Synergy] Single post long triangle overhead shall be one piece all welded construction consisting of 2.375" x 12 GA, 1.029" OD X 14 GA galvanized steel tubing & 7 GA Stainless Steel Sheet. Finished with a baked on powder coating. Hardware shall be stainless steel.

Q. Wrap Around Triangle Ladder [Voltage, Nucleus] Support beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 2 7/8" OD x 8 GA galvanized steel tubing, and 3/16" stainless steel plate. Finished with a baked on powder coating. Main beam shall be one piece all welded construction consisting of 2.375" x 12 GA & 1.029" OD X 14 GA galvanized steel tubing. Finished with a baked on powder coating. Mid support shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA & 2 7/8" OD x 8 GA galvanized steel tubing, 3/16" stainless steel plate, and 3/4" x 1" x 16 GA rectangular steel tubing. Finished with a baked on powder coating. R. Wheel-About [Nucleus, Voltage] Wheel A-Bout assembly shall consist of: one piece all welded wheel consisting of 1.315 OD x 14 GA galvanized steel tubing and 2" OD x 7/16" DOM steel hub; one piece all welded beam consisting of 2.375" OD x 10 GA & 1.315" OD x 12 GA galvanized steel tubing, and 8 GA galvanized steel plate; zinc plated hardware; and bearings. Finished with a baked on powder coating.

S. Wheel Deal [Nucleus, Voltage] Support beam shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA and 2 7/8" OD x 8 GA galvanized steel tubing, and formed 3/16" stainless steel plate. Finished with a baked on powder coating. Wheel Deal shall consists of: a main beam made of 2.375" OD x 10 GA galvanized steel tubing and 1215 CRS threaded pins; turning wheels made of 1.315 OD x 14 GA & 1.315 OD x 12 GA galvanized steel tubing and a machined 1026 steel hub; a deep groove roller bearing; a thrust bearing; zinc plated washers and nuts; and stainless steel set screws. Main beam and turning wheels finished with a baked on powder coating.

T. Zippy Whirl [Intensity, Nucleus] Assembly consisting of: one piece all welded wheel consisting of 1.315 OD x 14 GA galvanized steel tubing and 2" OD x 7/16" DOM steel hub; one piece all welded beam consisting of 2.375" OD x 10 GA & 1.315" OD x 12 GA galvanized steel tubing, and formed 3/16" stainless steel plates; zinc plated hardware; and bearings. Finished with a baked on powder coating.

- U. Support Tubes and Rungs
 - Overhead Event End Supports [Nucleus, Voltage] Support shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA, 2 3/8" x 12 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating.
 - 2. End Rungs [Nucleus, Voltage, Synergy] Rung shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 3/16" stainless steel plate or 7 GA stainless steel plate. Finished with a baked on powder coating.

2.14 Panels

- A. Accessible Reach Panels
 - 1. Bee [Nucleus, Voltage, Little Buddies] Panel and bee shall be 3/4" coextruded H.D.P.E. Standoff shall be 1/2" OD threaded stainless steel tubing.
 - 2. Car Control [Nucleus, Voltage, Little Buddies, Synergy] Panel and knob shall be 3/4" co-extruded H.D.P.E. Standoffs shall be 1 3/8" OD threaded cold rolled steel round and 1/2" OD threaded stainless steel tubing. Steering wheel shall be an assembly consisting of 1/2" OD black tube, 2 bronze bearings, a stainless steel screw and washer, a zinc plated push nut, and a one piece all welded steering wheel made of 14 GA spun steel and a 1018 hot rolled steel hub. Steering wheel is PVC coated after fabrication. Panel bracket shall be

one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Finished with a baked on powder coat.

- 3. Finger/Maze [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be 3/4" co-extruded H.D.P.E. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 4. Spiral Spinner [Nucleus, Voltage, Little Buddies] Bearing shall be oil impregnated, bronze. Panel and spinner shall be 3/4" co-extruded H.D.P.E. Standoff shall be 1 3/8" OD threaded cold rolled steel round.
- 5. Double Drums [Nucleus, Voltage, Little Buddies] Panel shall be 3/4" extruded HDPE. Drums shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface.
- B. Activity Panels
 - 1. Bubble Mirror [Nucleus, Synergy, Voltage, Little Buddies] Assembly consisting of welded bracket; formed 10 ga galv steel plate, 1.029" OD galv tubing, finished with a baked on powder coat finish; linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface, routed HDPE panels 1/2", polycarbonate bubble window with mirror finish, SS hardware..
 - 2. Car Panel [Synergy] Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Car panel knob and lever shall be ³/₄" co-extruded HDPE and ³/₄" extruded HDPE. Bronze bearing .77" X .75" X .75" shall be oil impregnated, bronze. Stand off shall be ¹/₂" OD threaded stainless steel. King pin shall be 304 stainless steel. Steering wheel assembly shall be an assembly Consisting of a one piece all welded steering wheel made of 14 GA spun steel and 1 3/8" OD steel tube and a bronze bearing. Steering wheel is PVC coated after fabrication.
 - 3. Clicker [Nucleus, Synergy, Voltage, Little Buddies] Assembly consisting of welded bracket, formed 10 ga galv steel plate, 1.029" OD galv tubing, finished with a baked on powder coat finish; linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface, routed HDPE panels 1/2", UHMW shaft supports and flapper, Nylon sprocket, bronze bushing, SS shaft, SS hardware.
 - 4. Hypno [Nucleus, Synergy, Voltage, Little Buddies] Assembly consisting of welded bracket, formed 10 ga galv steel plate, 1.029" OD galv tubing, finished with a baked on powder coat finish; linear, low density, rotationally

molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface, routed HDPE panels 1/2", bronze bushing, SS shaft standoff, injection molded HDPE bolt covers, SS hardware.

- 5. Raindrops [Nucleus, Synergy, Voltage, Little Buddies] Assembly consisting of welded bracket, formed 10 ga galv steel plate, 1.029" OD galv tubing, finished with a baked on powder coat finish; linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface, routed HDPE panels 1/2", Polycarbonate windows, SS balls, sealed ball bearings, injection molded HDPE bolt covers, SS hardware.
- C. Airplane Panels [Nucleus]
 - Airplane Nose Assembly: Nose panels shall be 3/4" co-extruded H.D.P.E. Weldment Cantilever Deck Support shall be one piece all welded 2.375" OD tubing w/ 7 GA, 10 GA and 12 GA sheet steel finished with a baked on powder coating. Cantilever Platform shall be 12 GA HRPO sheet, finished with a PVC Coating. Cantilever Platform Support shall be one piece all welded construction consisting of 8 GA galvanized steel plate and a 5" OD X 11GA post, finished with a baked on powder coating. Mounting angle brackets shall be 10 GA galvanized steel plate finished with a baked on powder coating.
 - 2. Airplane Door/Stanchion Panels, Slide Panels, Transfer Stair Panels and Window Panels shall be 3/4" co-extruded HDPE.
- D. Crescent Panels [Nucleus, Synergy]
 - 1. Chime crescent panel [left, right] Middle chimes panel shall be 3/4" Extruded HDPE. Front chimes panel; back chimes panel shall be 1/2" Extruded HDPE.

Crescent frame shall be one piece welded construction consisting of 1.135" OD X 14 GA galvanized tubing, 10 GA galvanized tabs, and formed 7 GA stainless steel plates finished with a baked on powder coating. Crescent chimes assembly shall be an assembly consisting of 1.00" OD x .049" wall stainless steel tubes, 1/16" diameter stainless steel wire rope, zinc plated steel washer, and zinc plated copper compression sleeves.

- 2. Drum 10" crescent panel shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Panel, single post drum shall be 3/4" Extruded HDPE. Nucleus, crescent frame shall be one piece welded construction consisting of 1.135" OD X 14 GA galvanized tubing, 10 GA galvanized tabs, and formed 7 GA stainless steel plates finished with a baked on powder coating.
- 3. Rain crescent panel frame shall be one piece welded construction consisting of 1.135" OD X 14 GA galvanized tubing, 10 GA galvanized tabs, and formed

7 GA stainless steel plates finished with a baked on powder coating. Single post assembly rain panel shall be 3/4" extruded HDPE, 1/2" extruded HDPE, injection molded HDPE bolt covers, polycarbonate windows, polycarbonate baffle plates, stainless steel balls, stainless steel ball bearings & stainless steel hardware.

- 4. Spinner crescent panel shall be a bronze bearing .377" X .75" X .75": Oil impregnated, bronze. Spinner shall be 3/4" Co-extruded HDPE. Spinner panel shall be 3/4" Extruded HDPE. Standoff shall be 1 3/8" OD threaded cold rolled steel round. Nucleus crescent frame shall be one piece welded construction consisting of 1.135" OD X 14 GA galvanized tubing, 10 GA galvanized tabs, and formed 7 GA stainless steel plates finished with a baked on powder coating.
- E. Fire Truck Panels[Nucleus]
 - 1. Below Platform 3 Stripe Panel and Full Ground Level 3 Strip Panel shall be 3/4" co-extruded H.D.P.E.
 - 2. Below Platform Line Pressure Panel and Fireman's Cross w/ Line Pressure Panel shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, oil impregnated bronze bearing, and stainless steel hardware.
 - 3. Below Platform Wheel Panel w/ Gear Assembly and Below Platform Wheel Panel w/ Pivot Assembly shall be an assembly consisting of 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., Lexan windows, nylon spacers, and stainless steel hardware.
 - 4. Below Platform Wheel Panel w/ Hubcap, Fire Rescue Flag Panel w/ Hubcap, and Full Ground Level Wheel Panel w/ Hubcap shall be an assembly consisting of 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware.
 - 5. Cab Panel shall be an assembly consisting of 3/4" co-extruded H.D.P.E., anchor tube, and stainless steel hardware. Anchor tube shall be 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.
 - 6. Driver Side Door Panel w/ Gear Assembly, Driver Side Door Panel w/ Pivot Assembly, Passenger Side Door Panel w/ Gear Assembly, and Passenger Side Door Panel w/ Pivot Assembly shall be an assembly consisting of 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E., 1/4" clear polycarbonate windows, Lexan windows, a full color graphic printed on 3mm DiBond, nylon spacers and stainless steel hardware.
 - 7. Driver Side Door Panel w/ Hubcap and Passenger Side Door Panel w/ Hubcap shall be an assembly consisting of 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E., 1/4" clear polycarbonate windows, Lexan

bubble window, a full color graphic printed on 3mm DiBond, and stainless steel hardware.

- 8. Fireman's Cross Panel and Fire Rescue Flag Panel shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware.
- 9. Truck Front Panel and Truck Front w/ Custom Name Panel shall be an assembly consisting of 3/4" co-extruded H.D.P.E., 1/4" clear polycarbonate windows, 3003 aluminum tread-brite, DiBond accent, stainless steel hardware, zinc plated steel washer, and steering wheel assembly. Steering wheel shall be an assembly consisting of 1/2" OD black tube, 2 bronze bearings, a stainless steel screw and washer, a zinc plated push nut, and a one piece all welded steering wheel made of 14 GA spun steel and a 1018 hot rolled steel hub. Steering wheel is PVC coated after fabrication.
- F. Flat Panels
 - ABC/123, Crazy Maze, Shapes, Signing, Animal Jump, Spanish/English Language, Animal Tracks, Name the States, Age Sign, Ranger Station, Bug, Acorn, 3-In-A-Row [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be 3/4" co-extruded H.D.P.E., and ¹/₂" and ³/₄" extruded HDPE. Pucks, and stainless steel hardware. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
 - 2. Barrier [Nucleus, Voltage, Little Buddies] Panel shall be 3/4" extruded H.D.P.E.
 - 3. Bee [Nucleus, Voltage, Little Buddies] Panel and bee shall be 3/4" coextruded H.D.P.E. Standoff shall be 1/2" OD threaded stainless steel tubing.
 - 4. Braille [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be 3/4" coextruded H.D.P.E. pucks, stainless steel hardware and Braille bumps shall be #7 x 5/16" U Drive screws. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
 - 5. Bubble window [Synergy] Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Bubble window shall be 3/16" thick G.E. Lexan. Bubble window panel, above platform and ring shall be 3/4" extruded HDPE. Hardware packages shall be stainless steel screws, nuts and washers.
 - 6. Burke Mart [Nucleus], Panel and counter shall be 3/4" co-extruded H.D.P.E. Counter support shall be formed 8 GA. galvanized sheet steel finished with a baked on powder coating.

- 7. Car Control [Nucleus, Voltage, Little Buddies] Panel and knob shall be 3/4" co-extruded H.D.P.E. Standoffs shall be 1 3/8" OD threaded cold rolled steel round and 1/2" OD threaded stainless steel tubing. Steering wheel shall be an assembly consisting of 1/2" OD black tube, 2 bronze bearings, a stainless steel screw and washer, a zinc plated push nut, and a one piece all welded steering wheel made of 14 GA spun steel and a 1018 hot rolled steel hub. Steering wheel is PVC coated after fabrication.
- 8. Chime [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be an assembly consisting of 3/4" extruded H.D.P.E. panels, 1" OD x .049" wall stainless steel tubes, 1/16" diameter stainless steel wire rope, zinc plated steel washers, zinc plated copper compression sleeves, and stainless steel screws, T-nuts & 3/8" washers. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 9. Circle, Square, Triangle [Voltage, Little Buddies] Panel shall be 3/4" extruded H.D.P.E.
- 10. Clock [Nucleus, Voltage, Little Buddies] Panel and hands shall be 3/4" coextruded H.D.P.E., .377" x .75" x .75" Oil impregnated, bronze bearings, and stainless steel washers, bolts and barrel nuts.
- 11. Cog Wheel [Nucleus, Voltage, Little Buddies] Panel shall be 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., injection molded H.D.P.E. bolt covers, polycarbonate windows, stainless steel balls, stainless steel ball bearings & stainless steel hardware.
- 12. Counter, Storefront [Voltage, Little Buddies], Bulldozer Wheels Counter Panel [Little Buddies] Panel and counter shall be 3/4" co-extruded H.D.P.E. Counter support shall be formed 8 GA. galvanized sheet steel finished with a baked on powder coating.
- 13. Counter, Storefront [Nucleus], Counter Panel and counter shall be 3/4" coextruded H.D.P.E. Counter support shall be formed 8 GA. galvanized sheet steel finished with a baked on powder coating.
- 14. Counter Panel [Synergy], Panels and counter shall be 3/4" co-extruded H.D.P.E. Counter support shall be formed 8 GA. galvanized sheet steel finished with a baked on powder coating Counter beam shall be one piece, all welded construction consisting of 1.660" OD X 12 GA, 7 GA stainless steel sheeting, and 10 GA galvanized steel sheeting. Finished with a baked on powder coating. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 15. Custom Full Color Panels [Nucleus, Voltage, Little Buddies] shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware.

- 16. Custom Panels [Nucleus, Voltage, Little Buddies] Panel shall be 3/4" coextruded H.D.P.E.
- 17. Custom Panels with Counter [Nucleus, Voltage] Counter Panel and counter shall be 3/4" co-extruded H.D.P.E. Counter support shall be formed 1" aluminum flat bar finished with a baked on powder coating..
- 18. Doorway [Synergy] Door panel shall be ³/₄" co-extruded HDPE. Door beam shall be one piece, all welded construction consisting of 1.660" OD X 12 GA and 7 GA stainless steel sheeting. Finished with a baked on powder coating. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Hardware shall be stainless steel.
- 19. Full Board Panel, Full Board Panel with sign, Upper Board Panel, Board Panel Enclosure [Voltage] Panel shall be 3/4" extruded H.D.P.E.
- 20. Gear [Nucleus, Voltage, Little Buddies] Panel shall be an assembly consisting of 3/4" extruded H.D.P.E. panel & knob, 1/2" extruded H.D.P.E. gears, 1/4" clear polycarbonate window, nylon washers, 5/8" OD nylon tube, stainless steel screws, T-nuts, and flat washers.
- 21. Double Drums Panel, Single Drum Panel [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be 3/4" co-extruded HDPE. Drums shall be an average of 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 22. Bulldozer Door Panel (Left & Right) [Little Buddies] shall be made of 3/4" co-extruded H.D.P.E. with a Captain's Window made of 1/4" clear polycarbonate assembled to the door panel.
- 23. Bulldozer Wheels Panel [Little Buddies] Panel and counter shall be 3/4" coextruded H.D.P.E.
- 24. Collision [Synergy, Nucleus] Panel shall be assembly consisting of 1/4" clear polycarbonate window, 1/4", 1/2" and 3/4" extruded HDPE, co-extruded HDPE all assembled together with stainless steel hardware.Panel Bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate. Panel mounting plate shall be one piece all welded construction consisting of 10 GA and 14 GA galvanized steel plates.
- 25. Memory-Reactions Panel [Nucleus, Voltage, Little Buddies] Panels shall be 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E, stainless steel touch-sensors, commercial grade electronics, water-proof

marine grade speaker, water-resistant rubber seals and foam gaskets, alkaline batteries & stainless steel hardware.

- 26. Paratroop [Nucleus, Voltage, Little Buddies] Panel, parachute and knobs shall be 3/4" co-extruded H.D.P.E. Standoff shall be 1/2" OD threaded stainless steel tubing.
- 27. Rain Wheel [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E., injection molded HDPE bolt covers, polycarbonate windows, polycarbonate baffle plates, stainless steel balls, stainless steel ball bearings & stainless steel hardware. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 28. Sprocket [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be an assembly consisting of 3/4" extruded H.D.P.E. panel, overlays & knobs, 1/2" extruded H.D.P.E. gears, 1/4" clear polycarbonate window, nylon washers, nylon tube, stainless steel screws, barrel nuts, and flat washers. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 29. Structure Age Sign Panels [Nucleus, Voltage, Little Buddies] shall be an assembly consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware.
- 30. Touch & Play Piano, Touch & Play Drum, Touch & Play Guitar & Touch & Play Steel Drum [Nucleus, Voltage, Little Buddies, Synergy] Panels shall be 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E, stainless steel touch-sensors, commercial grade electronics, water-proof marine grade speaker, water-resistant rubber seals and foam gaskets, alkaline batteries & stainless steel hardware. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
- 31. Wheel of Fun [Nucleus, Voltage, Little Buddies] Panel shall be an assembly consisting of 3/4" co-extruded H.D.P.E. panel & arrow spinner, 1/2" extruded H.D.P.E. circles, bronze bearing, standoffs shall be 1/2" OD threaded stainless steel tubing, stainless steel screws, barrel-nuts & 3/8" washers.
- G. Imagination Discover Panels
 - 1. Imagination Discover Slide Sit Down Panel [Synergy] panel shall be ³/₄" Coextruded HDPE. Hardware package shall be stainless steel screws and washers.
 - 2. Imagination Discover Double Slide Sit Down Panel [Synergy] panel shall be ³/₄" Co-extruded HDPE. Hardware package shall be stainless steel screws and washers.

- 3. Imagination Discover Viper Slide Sit Down Panel [Synergy] panel shall be ³/₄" Co-extruded HDPE. Hardware package shall be stainless steel screws and washers.
- H. Ring attachment panels
 - Charade Ring Panel [Nucleus, Synergy, Voltage, Little Buddies] Panel shall be an assembly consisting of ring attachment weldment finished with powder coat finish, 1/2" extruded H.D.P.E. panels and overlays, 3/4" extruded H.D.P.E. knobs, 1/4" clear polycarbonate window, 5/8" acetal balls, 3/8" stainless steel balls, stainless steel screws, barrel nuts, and flat washers.
 - 2. Memory-Reactions Ring Panel [Nucleus, Synergy, Voltage, Little Buddies] Panels shall be an assembly consisting of ring attachment weldment finished with powder coat finish, 3/4" co-extruded H.D.P.E., 3/4" extruded H.D.P.E., 1/2" extruded H.D.P.E, stainless steel touch-sensors, commercial grade electronics, water-proof marine grade speaker, water-resistant rubber seals and foam gaskets, alkaline batteries & stainless steel hardware.
- I. Rotational molded panels
 - Charade, Waver [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Nucleus includes side fillers. Panel shall be an assembly consisting of 1/2" extruded H.D.P.E. panels and overlays, 3/4" extruded H.D.P.E. knobs, 1/4" clear polycarbonate window, 5/8" acetal balls, 3/8" stainless steel balls, stainless steel screws, barrel nuts, and flat washers. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.
 - 2. Hole [Nucleus, Voltage, Little Buddies] Panel shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Nucleus includes side fillers
 - a. Bubble Window: 3/16" thick G.E. Lexan plastic.
 - b. Circle Panel: 1/2" thick, high-density polyethylene.
 - c. Flat Window: 1/4" thick G.E. Lexan plastic.
 - d. Mirror: 16 GA stainless steel plate with #8 finish.
 - 3. Race Car [Nucleus, Voltage] Panel shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, molded in graphics, and a textured outside surface.
 - 4. Propeller [Nucleus, Voltage, Little Buddies, Synergy] Panel shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and

a textured outside surface. Nucleus includes side fillers. Panel shall be an assembly consisting of 1/2" extruded H.D.P.E. panels and overlays, 3/4" extruded H.D.P.E. knobs, 1/4" clear polycarbonate window, 5/8" acetal balls, 1/4" stainless steel balls, stainless steel screws, barrel nuts, and flat washers. Panel bracket shall be one piece welded construction consisting of a 7 GA formed stainless steel bracket and a 8 GA galvanized steel plate.

- 5. Rock-Paper-Scissors [Nucleus, Voltage, Little Buddies] Panel shall be an assembly consisting of 1.029" OD x 14 GA galvanized steel tubing; an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene panel with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface; an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene cubes; and nylon washers.
- 6. Tic-Tac-Toe [Nucleus, Voltage, Little Buddies] Panel shall be an assembly consisting of 1.029" OD x 14 GA galvanized steel tubing; an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene panel with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface; an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene cubes with a textured outside surface; and nylon washers.
- J. Ship [Nucleus] Panels
 - 1. Below Platform Ship Board Panels and Ship Board Panels shall be 3/4" coextruded H.D.P.E.
 - Below Platform Ship Board Panel w/ Pirate, Below Platform Ship Board Panel w/ Cannon, Ship Board Panel w/ Pirate, Below Platform Ship Board Panel w/ Custom Image 41", Below Platform Ship Board Panel w/ Custom Image 25", and Ship Board Panel w/ Custom Image 41" shall be assemblies consisting of 3/4" co-extruded H.D.P.E., a full color graphic printed on 3mm DiBond, and stainless steel hardware.
 - 3. Below Platform Ship Board Panel w/ Port Holes and Ship Board Panel w/ Port Holes shall be an assembly consisting of 3/4" co-extruded H.D.P.E., 1/2" extruded H.D.P.E., Lexan windows, and stainless steel hardware.
- K. Vehicle Panels
 - 1. Vehicle Hood [Nucleus] Casting, flat panel shall be A356-T6 Aluminum, Heat- Treated and finished with baked on powder coating. Vehicle hood custom assy shall be 3/4" extruded HDPE, 3/4" co-extruded HDPE, DiBond accent, bronze bearing, zinc plated steel hardware & stainless steel hardware. Hardware package shall be stainless steel.
 - 2. Vehicle Front Door [Nucleus] Casting, flat panel shall be A356-T6 Aluminum, Heat- Treated and finished with baked on powder coating. Vehicle

front door custom assy shall be 3/4" extruded HDPE, 1/4" clear polycarbonate windows, DiBond accent & zinc plated steel hardware. Hardware package; hardware package shall be stainless steel.

- 3. Vehicle Back Door [Nucleus] Casting, flat panel shall be A356-T6 Aluminum, Heat- Treated and finished with baked on powder coating. Vehicle back door custom assy shall be 3/4" extruded HDPE, 1/4" clear polycarbonate windows, DiBond accent & zinc plated steel hardware. Hardware package; hardware package shall be stainless steel.
- 4. Vehicle Rear [Nucleus] Casting, flat panel shall be A356-T6 Aluminum, Heat- Treated and finished with baked on powder coating. Vehicle rear custom assy shall be 3/4" extruded HDPE, 3/4" co-extruded HDPE, 1/4" clear polycarbonate windows, DiBond accent, bronze bearing, zinc plated steel hardware & stainless-steel hardware. Hardware package; hardware package shall be stainless steel.

2.15 Ramps

A. ADA Ramp [Nucleus, Voltage] Ramp surface shall be one piece all welded construction consisting of 12 GA surfaces and 12 GA, 11 GA & 7 GA gussets. PVC coated after fabrication.

- Barriers shall be one piece all welded construction consisting of 1.029" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing, 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA, 10 GA & 8 GA galvanized steel plate. Finished with a baked on powder coating.
- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA, 10 GA & 8 GA galvanized steel plate. Finished with a baked on powder coating.

B. ADA Entrance Ramp [Nucleus, Voltage] Entrance plate shall be 7 GA HR steel and PVC coated after fabrication. Support tube shall be 1.315" OD x 12 GA or 1.900" OD x 11 GA galvanized steel tubing finished with a baked on powder coating. Ramp surface shall be one piece all welded construction consisting of 12 GA surfaces and 11 GA gussets. PVC coated after fabrication.

- Barriers shall be one piece all welded construction consisting of 1.029" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing, 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA & 10 GA galvanized steel plate. Finished with a baked on powder coating.
- 2. Guardrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA & 10 GA galvanized steel plate. Finished with a baked on powder coating.

C. Double Wide Ramp [Nucleus] Each Ramp section shall be one piece all welded construction consisting of 12 GA surfaces and 12 GA, 11 GA & 7 GA gussets. PVC coated after fabrication.

- Barriers shall be one piece all welded construction consisting of 1.029" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing, 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA, 10 GA & 8 GA galvanized steel plate. Finished with a baked on powder coating.
- Guardrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA, 10 GA & 8 GA galvanized steel plate. Finished with a baked on powder coating.
- 3. Closure plate for Switchback Ramp shall be galvanized 12 GA steel finished with a baked on powder coating.

D. Double Wide Entrance Ramp [Nucleus] Entrance plate shall be 7 GA HR steel and PVC coated after fabrication. Support tube shall be 1.315" OD x 12 GA or 1.900" OD x 11 GA galvanized steel tubing finished with a baked on powder coating. Ramp surface shall be one piece all welded construction consisting of 12 GA surfaces and 11 GA gussets. PVC coated after fabrication.

- Barriers shall be one piece all welded construction consisting of 1.029" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing, 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA & 10 GA galvanized steel plate. Finished with a baked on powder coating.
- 2. Guardrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.900" OD x 11 GA galvanized steel tubing and 14 GA & 10 GA galvanized steel plate. Finished with a baked on powder coating.
- 3. Closure plate for Switchback Ramp shall be galvanized 12 GA steel finished with a baked on powder coating.

2.16 Roofs and Roof Adapters

A. Roof Adapters [Little Buddies] One piece all welded construction consisting of 3 1/2" OD x 11 GA and 2.875" OD x 8 GA galvanized steel tubing, and 14 GA galvanized steel plate. Finished with a baked on powder coating.

B. Roof Adapters [Voltage] One piece all welded construction consisting of 4" OD x 7 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating -- OR -- one piece all welded construction consisting of 4 1/2" OD x 11 GA HPRO EW steel tubing finished with cadmium yellow chromate plating, 4" OD x 7

GA galvanized steel tube, and 14 GA galvanized sheet steel. Finished with a baked on powder coating.

C. Ara Shade Canopies [Nucleus, Intensity] Shade fabric shall be knitted of monofilament and tape construction high density polyethylene with ultraviolet stabilizers, woven polyester and vinyl reinforcements. Attachment cables shall be .31" diameter vinyl covered galvanized cable with galvanized turnbuckle and zinc-plated copper cable fasteners and will be pre-inserted into canopy hem. Canopy rafters, support brace and roof connectors shall each be one piece all welded construction of 2 3/8" OD and 5" OD galvanized steel tubing finished with a baked on powder coating. Stainless steel hardware.

D. Arched Punched Steel Roof [Little Buddies] Roof panel shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, 16 GA HR sheet steel, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Arches shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 7 GA HRPO steel plate. Finished with a baked on powder coating.

E. Arched Punched Steel Roof [Voltage] Roof panel shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, 16 GA HR sheet steel, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Arched posts shall be one piece all welded construction consisting of 3.50" OD x .216" wall aluminum pipe and 3/16" aluminum plate. Finished with a baked on coating.

F. Clubhouse Roofs [Nucleus]

- Clubhouse Hex Roof shall have roof supports that are one piece all welded construction consisting of 5" OD X 3/16 wall tubing, 12 ga galv sheet steel, 10 ga galv sheet steel, 8 ga galv sheet steel and 3/8-16 X 3/4" weld screws. Finished with a baked on powder coating. Clubhouse hex roof assemblies shall consist of: all welded 12 GA and 14 GA galvanized steel formed supports finished with a baked on powdercoat, 3/4" recycled HDPE wood planks, zinc plated steel screws and 18-8 stainless steel flat and split lock washers. The hardware package shall contain zinc plated steel lock nuts, aluminum rivets and stainless steel washers.
- 2. Clubhouse Retreat Roof and Clubhouse Tilt Roof shall have roof supports that are one piece all welded construction consisting of 5" OD X 11 GA galvanized steel tubing, 8 GA galvanized steel plate, and 7 GA HRPO steel plate. Finished with a baked on powder coating. Clubhouse retreat and tilt roof assembly shall consist of: assembly consisting of: 10 GA galvanized steel formed supports and 14 GA galvanized steel channel support; all finished with a baked on powder coat, 3/4" recycled HDPE wood planks, zinc plated steel screws and 18-8 stainless steel flat and split lock washers. The hardware package shall contain stainless steel button head cap screws, nuts, washers and

lock washers; zinc plated pan head screws and aluminum rivets with 302 stainless steel pin.

G. Concave and Convex Roof [Nucleus] Curved post adapters shall be one piece all welded construction consisting of 5" OD x 11 gage galvanized steel tubing, 10 gage galvanized steel plate and 3/8" nut insert. Finished with a baked on powder coating. Side frames shall be one piece all welded construction consisting of formed 2" x 6" x 1/4" wall structural aluminum tubing, 1/8" thick plates and 3/8" zinc plated nut inserts. Finished with a baked on powder coating. Cross braces to be one piece all welded construction consisting of 1.315" OD tubing and 10 gage galvanized steel mounting plates. Some will also have 3/8" zinc plated nut inserts Finished with baked on powder coat. End plates shall be formed galvanized sheet steel 10 gage. Finished with baked on powder coat. Roof panel shall be corrugated aluminum sheet 25 gage.

H. Elation Roofs [Synergy] ¹/₂" extruded HDPE secured to welded support toppers which are one-piece welded construction consisting of 3.5" OD X 12 GA galvanized tubing, 8 GA galvanized sheet steel and 10 GA galvanized sheet steel, 1.315" OD X 12 GA galvanized steel cross bars and 10 GA galvanized sheet steel all finished with a baked-on powder coat. Single post elation roofs shall be one piece welded construction consisting of 3.5" OD X 12 GA galvanized tubing, 1.315" OD X 12 GA galvanized sheet steel all finished with a baked-on powder coat. Single post elation roofs shall be one piece welded construction consisting of 3.5" OD X 11 GA galvanized tubing, 1.315" OD X 12 GA galvanized tubing, and 10 GA galvanized sheet steel finished with a baked-on powder coat.

I. Evolution Roofs [Nucleus] shall contain support weldments that are one piece all welded construction consisting of 2 3/8" OD X 10 GA galvanized steel tubing, 7 GA stainless steel sheeting, and 8 GA galvanized steel plating. The crossbars shall be one piece all welded construction consisting of 7 GA stainless steel sheeting, 8 GA galvanized steel plating, and 1.315" OD x 12 GA galvanized steel tubing. The roof plate shall be 14 GA galvanized steel sheeting. The roof end plate shall be 8 GA galvanized steel sheeting. All metal shall be finished with a baked on powder coating. All hardware shall be stainless steel.

J. Hexagonal Peak Roof [Voltage, Little Buddies] Roof shall be 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction.

K. Metal Hex Roof and Metal Half Hex Roof [Voltage] Metal roof supports shall be one piece all welded construction consisting of 4 $\frac{1}{2}$ " OD x 3/16" and 3 $\frac{1}{2}$ " OD x 3/16" wall steel tubing, 12 GA galvanized sheet steel, 10 GA galvanized sheet steel, 8 GA galvanized sheet steel and 3/8-16 x $\frac{3}{4}$ " weld screws, finished with a baked on powder coating. Half Hex Support shall be one piece all welded construction consisting of 12 GA galvanized steel sheet and 3/8 -16 x $\frac{3}{4}$ " weld screws, finished with a baked on powder coating. Roof panels shall be 14 GA galvanized sheet steel, finished with a baked on powder coating.

L. Metal Hex Roof, Metal Half Hex Roof, Metal Square Roof, Metal Pentagon Roof [Nucleus] Metal roof supports shall be one piece all welded construction consisting of 5" OD x 120" wall steel tubing, 12 GA galvanized sheet steel, 8 GA galvanized sheet steel, 8 GA galvanized sheet steel and $3/8-16 \times \frac{3}{4}$ " weld screws, finished with a baked on powder coating. Half Hex Support shall be one piece all welded construction consisting of 12 GA galvanized steel sheet and $3/8-16 \times \frac{3}{4}$ " weld screws, finished with a baked on powder coating. Roof panels shall be 14 GA galvanized sheet steel, finished with a baked on powder coating.

M. Petal Post Topper [Nucleus, Synergy, Voltage] Petal Post Topper shall be 1/4" thick, linear, low density, rotationally molded, UV stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and textured surface. Secured to posts with 1/4" x 1/2" stainless steel pinned aluminum drive rivets.

N. Punched Steel Roof [Nucleus, Intensity] Left and right support panels shall consist of one piece all welded construction of 1.900" OD galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Roof panel will consist of 12 GA galvanized sheet steel finished with a baked on powder coating.

O. Rectangular Recycled Plastic Roof [Voltage] Mounting brace and support bracket shall be 10 GA galvanized steel plate finished with a baked on powder coating. Roof section shall be an assembly consisting of: one piece all welded roof frame consisting of 12 GA HRPO steel plate and 4 1/2" OD x 11 GA galvanized tubing, 14 GA galvanized steel support channels, recycled plastic boards and stainless steel hardware.

P. Rectangular Punched Steel Roof [Voltage] Mounting brace and support bracket shall be 10 GA galvanized steel plate finished with a baked on powder coating. Roof section shall be a pre-assembled unit consisting of a 12 GA HRPO steel all welded frame, 12 GA punched steel powder coated panel, and stainless steel hardware.

Q. Rectangular Shingle Roof [Voltage] Mounting brace and support bracket shall be 10 GA galvanized steel plate finished with a baked on powder coating. Roof section shall be a pre-assembled unit consisting of 12 GA galvanized steel all welded frame, 12 GA sheet steel all welded powder coated panel, and stainless steel hardware.

R. Recycled Hex Roof, Recycled Half Hex Roof, Recycled Square Roof [Nucleus] Metal roof supports shall be one piece all welded construction consisting of 5" OD x 120" wall steel tubing, 12 GA galvanized sheet steel, 8 GA galvanized sheet steel, 8 GA galvanized sheet steel and $3/8-16 \times 3/4$ " weld screws, finished with a baked on powder coating. Half Hex Support shall be one piece all welded construction consisting of 12 GA galvanized steel sheet and $3/8-16 \times 3/4$ " weld screws, finished with a baked on powder coating. Roof panels shall be 14 GA galvanized sheet steel, finished with a baked on powder coating, Boards are a one piece solid, non-hollow foamed recycled HDPE (ReHDPE).

S. ShadePlay Canopy [Nucleus, Synergy, Voltage, Little Buddies] Shade fabric shall be knitted of monofilament and tape construction high density polyethylene with Ultra Violet stabilizers. Attachment cables shall be .31" diameter vinyl covered galvanized cable with galvanized turnbuckle and will be pre-inserted into canopy hem. Canopy rafters and roof connectors shall each be one piece all welded construction of 1.660"

OD, 1900" OD, 2 3/8" OD and/or 3 1/2" OD galvanized steel tubing finished with a baked on powder coating. End cap shall be aluminum finished with a baked on powder coating. [Little Buddies] Support tube shall be 2 3/8" OD galvanized steel tube with a baked on powder coating finish. Support tube mounting brackets shall be hot-dipped galvanized, grade 32510, malleable iron finished with a baked on powder coating.

T. Shaker Square Roof [Nucleus, Voltage] Roof shall be 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction.

U. Shaker Hex Roof [Nucleus, Voltage] Roof shall be 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction and molded in threaded inserts.

V. Steel Quad Roof, Steel Quad Roof with Cupola, Steel Square Roof [Nucleus, Voltage] Cupola support shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating. Flag pole shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing, and 10 GA and 14 GA galvanized steel plate. Finished with a baked on powder coating. Roof panels shall be 14 GA galvanized steel. Finished with a baked on powder coating.

W. Square Peak Roof [Voltage, Little Buddies] Roof shall be 3/16" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction.

X. Triangle Shingle Roof [Voltage] Roof frame shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.900" OD x 11 GA galvanized steel tubing; 10 GA and 16 GA galvanized sheet steel; and 7 GA and 14 GA galvanized sheet steel. Finished with a baked on powder coating. Roof panel shall be one piece all welded construction consisting of 12 GA galvanized steel. Finished with a baked on powder coating.

Y. Triangle Punched Steel Roof [Voltage] Roof frame shall be one piece all welded construction consisting of 1.315" OD x 12 GA and 1.900" OD x 11 GA galvanized steel tubing; 10 GA and 16 GA galvanized sheet steel; and 7 GA and 14 GA HRS sheet. Finished with a baked on powder coating. Roof panel shall be 12 GA galvanized sheet steel. Finished with a baked on powder coating.

Z. Triple Petal Post Topper [Nucleus] Petal Post Topper shall be 1/4" thick, linear, low density, rotationally molded, UV stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts and textured surface. Triple Petal Post Adapter shall be a one piece all welded construction consisting of 5" OD x 12 GA galvanized tubing and 10 GA galvanized plate, finished with a baked on powder coating. Plastic Petal topper is secured to post adapter and post adapter is secured to post with 1/4" x 1/2" stainless steel pinned aluminum drive rivets.

2.17 Slides (SEPARATE HOODS FROM SLIDES, REMOVE SIDE FILLERS)

A. Cobra Slides [Nucleus] The entrance, transition, exit, and Viper (Fusion only) sections shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts (excluding Viper sections), and a matte finish on the bedway, textured exterior surface. The tube sections shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with single wall construction, and a smooth finish on bedway, textured exterior surface. Slide supports shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plating. Exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Entrance connection shall contain an A356-T6 Aluminum, heat treated casting and a one piece all welded construction consisting of 8 GA and 10 GA galvanized steel sheeting. Entrance plate shall be 14 GA galvanized steel sheeting. No Climb Barrier shall contain a 1.900" OD X 11 GA galvanized steel tubing, a one piece all welded construction consisting of 1.900" X 11 GA galvanized steel tubing and 1 5/8" OD x 1/8" wall zinc-plated steel tube. Finished with a baked on powder coating, and a 3/4" co-extruded panel. All metal is finished with a baked on powder coating. All hardware is stainless steel. For Fusion slides see product specifications for Viper Slides.

B. Contour [Nuclues, Synergy] Slide shall consist of 1/4" min. thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Slide mid support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked-on powder coating. Slide exit supports shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.

C. Hood, Single and Double [Nucleus, Voltage, Little Buddies] Hood shall consist of 1/4" min. thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface.

D. Hillside Fusion Slide Entrance: Slide sections shall be linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 1/4" T-nut inserts, and a textured surface. Mounting brackets shall be A356-T6 Aluminum, Heat-treated and one piece all welded construction consisting of 8 GA galvanized steel. Finished with a baked on powder coating. Mounting plate shall be 14 GA galvanized sheet steel, finished with a baked on powder coating. Stainless steel assembly hardware.

E. Monaco [Nuclues, Synergy] Slide shall consist of 1/4" min. thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Slide exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked-on powder coating.

F. Rock'n Roll Slide [Nucleus, Synergy, Voltage, Little Buddies] Slide shall consist of 1/4" min. thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Slide side barrier shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, 10 GA galvanized sheet steel, and HDPE threaded inserts. Finished with a baked on powder coating. Slide mid support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Slide exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Side filler casting shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat.

G. Sit Down Bar, Single and Double [Synergy] Sit down bar shall be one-piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat. Hardware package shall be stainless steel screws and washers.

H. Spiral Slide [Voltage, Little Buddies, Genesis] and Spiral Slide w/Attachment Plate [Voltage, Little Buddies] Support post shall be 3 1/2" OD x 11 GA galvanized steel tubing. Exit support shall be one piece all welded construction consisting of 2 3/8" OD x 10 GA galvanized steel tubing and 8 GA galvanized plate finished with a baked on powder coating. Walkway shall be one piece all welded construction consisting of 12 GA surfaces and gussets. PVC coated after fabrication. Barriers shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.029" OD x 14 GA galvanized steel tubing, 10GA & 12 GA galvanized steel plate, and HR steel bar stock. Finished with a baked on powder coating. Slide shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and textured outside surfaces.

I. Spiral Slide [Nucleus, Voltage] Clamping shall be hot-dipped galvanized, grade 32510, malleable iron. Spacers shall be 1/2" OD x .058" wall plated black tubing. Center post shall be 3 1/2" OD x 11 GA galvanized steel tubing finished with a baked on powder coating. Exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Platform bracket shall be one piece all welded construction with 7 GA HRPO steel plate and gussets for 56" and 64" slides, finished with a baked on powder coating. Platform adapter shall be one piece all welded construction with 8 GA galvanized sheet, 1.029" x 14 GA galvanized tubing and SS T-nuts for 72" slide, finished with a baked on powder coating. Slide, walkway, and enclosures shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and textured outside surfaces.

J. Steel Slides [Voltage, Synergy, Nucleus] Attachment plate shall be 10 GA galvanized steel plate finished with a baked on powder coating. Exit supports shall be 1.660" OD X 14 GA galvanized steel tubing finished with a baked on powder coating. Slide shall be an assembly consisting of 16 GA stainless steel bedway and support rungs with BA Finish (Bright Annealed), side rail weldments consisting of 1/8" thick extruded aluminum side D-rail and 1/8" aluminum plate, steel nut inserts and steel rivets. Side rails finished with a baked on powder coating. Enclosure or Sit-Down Bar shall be one piece all welded construction consisting of formed 1.315" OD x 14 GA galvanized steel tubing and formed 3/16" stainless steel plates. Finished with a baked on powder coating. Finished with a baked on powder coating. Finished with a baked on powder coating.

K. SS Wavy Slide, SS Slide 32"-40", 48"-56", 64"-72" [Synergy] Steel slide shall be one piece all welded construction consisting of formed 1.315" X 12 GA galvanized steel tubes. Finished with a baked on powder coating. Plastic threaded inserts are inserted into the bottom of the piece. Support exit shall be 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating. Casting bracket shall be A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating. Slide assembly shall be assembly consisting of 16 GA stainless steel bedway and rungs, side rail weldments consisting of 1/8" thick extruded aluminum side D-rail and 1/8" aluminum plate, steel nut inserts and steel rivets. Side rails finished with a baked on powder coating. Hardware package shall be stainless steel and aluminum rivets.

L. Thrill Ride Slide & Thrill Ride Slide w/Window [Nucleus, Voltage] Entrance shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Tubes shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Exit support shall be one piece all welded construction consisting of 1.029" OD X 14 GA and 2.375" OD x 12 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Mid supports shall be one piece all welded construction consisting of 1.660" OD x 12 GA galvanized steel tubing, 14 GA steel plates, and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Finished with a baked on powder coating. Finished with a baked on powder coating.

M. Tube Slide & Tube Slide w/Window [Nucleus, Voltage, Little Buddies] Entrance shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Tubes shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Exit support shall be one piece all welded construction consisting of 1.029" OD X 14 GA and 2.375" OD x 12 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Mid supports shall be one piece all welded construction consisting of 1.660" OD x 12 GA galvanized steel tubing, 14 GA steel plates, and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating. Finished with a baked on powder coating. Finished with a baked on powder coating.

N. Viper Slides [Nucleus, Synergy, Voltage] All slide sections shall be an average of 1/4" thick (minimum 1/4" in bedway), linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts (Entrance only), and a matte finish on the bedway, textured exterior surface. Slide barriers shall be weldment consisting of 1.315" OD x 12 GA galvanized steel tubing, 10 GA galvanized sheet steel, and HDPE threaded inserts. Finished with a baked on powder coating. Hood mounting tube shall be 1.315" OD x 12 GA galvanized tubing finished with a baked on powder coating, connected to post with KoreKonnect TM clamp castings. Slide supports shall be 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat. Exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Side filler (Nucleus only) shall be cast aluminum. (Turn sections) shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.

- 1. Slide Hood [Nucleus, Voltage] Hood shall be an average of 1/4" thick (minimum 1/4" in bedway), linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a matte finish on the inside, textured exterior surface
- 2. Viper Slide Sit Down Bar [Synergy] Sit down bar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat. Grab bar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat. Hardware package shall be stainless steel screws and washers.

O. Viper II Slides [Nucleus, Synergy, Voltage] All slide sections and hood shall be an average of 1/4" thick (minimum 1/4" in bedway), linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts (Entrance only), and a matte finish on the bedway, textured exterior surface. Entrance platforms shall be 12 gage formed steel, 12 gage gussets, finished with PVC coating. Double slide hood shall be 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Hood mount brackets shall consist of 1.029" OD and 1.315" OD tubing, welded to either 10 gage galvanized plate or 3/16" stainless steel plate, finished with a baked on powder coating, connected to post with KoreKonnect TM clamp castings. Slide supports shall be 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat. Exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating.

P. Viper III Slides [Nucleus, Voltage] All slide sections, spacers and hood shall be an average of 1/4" thick (minimum 1/4" in bedway), linear, low density, rotationally

molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" Tnut inserts (Entrance only), and a matte finish on the bedway, textured exterior surface. Hood mount brackets shall consist of 1.029" OD and 1.315" OD tubing, welded to either 10 gage galvanized plate or 3/16" stainless steel plate, finished with a baked on powder coating, connected to post with KoreKonnect TM clamp castings. Slide supports shall be 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat. Exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Side filler (Nucleus only) shall be cast aluminum.

Q. 96" Spiral Tube Slide Around Post [Voltage] Entrance shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Tubes shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Exit support shall be one piece all welded construction consisting of 1.029" OD X 14 GA and 2.375" OD x 12 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Mid supports shall be one piece all welded construction consisting of 1" SQ x .120" wall tubing, 14 GA steel plates, and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

R. 96" and 112" Spiral Tube Slide [Nucleus, Voltage] Hole Panel shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Tubes shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Exit support shall be one piece all welded construction consisting of 1.029" OD X 14 GA and 2.375" OD x 12 GA galvanized steel tubing, and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Mid supports shall be one piece all welded construction consisting of 1.660" OD x 12 GA galvanized steel tubing, T4 GA steel plates, and 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

S. Roller Slide [Voltage, Synergy, Nucleus] Entrance Platform shall be one piece all welded construction consisting of 10 GA HRPO steel plating. Finished with PVC coating. Rails shall be one piece all welded construction consisting of formed 1.315" OD X 14 GA galvanized steel tubes and 10 GA galvanized sheet steel. Finished with a baked on powder coating. Footer supports shall be one piece all welded construction consisting of a 1.029" OD X 14 GA galvanized steel tube and a 1.315" OD X 12 GA galvanized steel tube. Finished with a baked on powder coating. Enclosure shall consist of one piece all welded construction consisting of formed 1.315" X 12 GA galvanized steel tubes. Finished with a baked on powder coating. Plastic threaded inserts are inserted into the bottom of the piece. Rollers for the bed way shall be an assembly consisting of 2" OD steel tube, ABEC ball bearings, and dual rubber labyrinth seal. Finished with a baked on powder coating. Grab bar shall be one-piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat.

T. Luge Slide [Nucleus, Synergy, Voltage] Slide & Hood shall consist of 1/4" min. thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Slide side barrier shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, 10 GA galvanized sheet steel, and HDPE threaded inserts. Finished with a baked on powder coating. Slide mid support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA or 10 GA galvanized steel tubing and 10 GA galvanized sheet steel, and $2 \frac{1}{2}$ " X $1 \frac{1}{2}$ " X 3/16" HRS angle. Finished with a baked on powder coating. Slide exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Slide exit support shall be coating. Slide filler casting shall be cast A56 Aluminum; finished with baked on powder coating.

 Double CSA Slide Hood [Synergy] Double slide hood shall be double wall, linear low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Support tube shall be 1.315" OD x 12 GA galvanized tubing finished with a baked on powder coating. Casting bracket shall be A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating. Hood mount bracket 1.315" X 1 ¹/₂" shall be 10 gage mounting plate welded to 1.315" OD tubing. Finished with baked on powder coat. Hardware package shall be stainless steel and aluminum rivets with stainless steel pins.

U. Velo Slides, 64"-72" & 88"-96" [Nucleus, Synergy, Voltage] Slide & Hood shall consist of 1/4" min. thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured surface. Slide side barrier shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, 10 GA galvanized sheet steel, and HDPE threaded inserts. Finished with a baked on powder coating. Slide mid support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized sheet steel. Finished with a baked on powder coating. Slide exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Slide exit support shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 8 GA galvanized sheet steel. Finished with a baked on powder coating. Side filler casting shall be cast A56 Aluminum; finished with baked on powder coating. Grab bar shall be one piece welded construction consisting of 1.315" OD galvanized tubing and 7 GA stainless steel brackets. Finished with a baked on powder coat.

2.18 Stairways

A. Narrow Stairway [Nucleus, Voltage] Anchor tubes shall be 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating. Stairs shall be one

piece all welded construction consisting of 12 GA HRPO and/or 10 GA HRPO steel surfaces and sides. PVC coated after fabrication.

- Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating.
- Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA, 1.315" OD x 14 GA, and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating.

B. NaturePlay Transfer Stump [Nucleus, Voltage, Little Buddies]. Stump shall be manufactured from Glass Fiber Reinforced Concrete (GFRC) with cast in threaded inserts. Glass fiber is Alkali Resistant (AR) type formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. GFRC is colored with an integral color and sealed with a V-Seal. Final coloring is achieved with a latex stain formulated for concrete. Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Accessible stair shall be one piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

C. Slide Platform and Stair [Burke Basics] Anchor tube shall be 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating. Bracket shall be one piece all welded construction consisting of 7 GA HRPO steel plate and 1.029" OD x 14 GA galvanized steel tubing. Finished with a baked on powder coating. Platform shall be one piece all welded construction consisting of 12 GA surfaces and gussets, and 7 GA corner plates. PVC coated after fabrication. Pipe wall shall be one piece all welded construction consisting of 1.029" OD x 14 GA and 1.315" OD x 14 GA galvanized steel tubing, and 1 1/2" x 1/2" x 10 GA galvanized formed plate. Finished with a baked on powder coating. Arched handrail support shall be one piece all welded construction consisting of 1.315" OD x 14 GA, 1.315" OD x 12 GA, and 1.029" OD x 14 GA galvanized steel tubing, and HDPE threaded inserts. Finished with a baked on powder coating. Stairway shall be one piece all welded construction consisting of 12 GA HRPO and/or 10 GA HRPO steel surfaces and sides. PVC coated after fabrication, Handrail shall be one piece all welded construction consisting of 1.315" OD x 12 GA, 1.315" OD x 14 GA, and 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating.

D. Single Post Transfer Platform [Synergy, Nucleus] One-piece welded support consisting of $3\frac{1}{2}$ " OD X 11 GA galvanized tube and $\frac{1}{4}$ " HRS plate finished with a baked-on powder coating. Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Stairs, transfer platform, and single step shall be one piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

E. Single Step [Synergy] single step shall be one piece all welded construction consisting of 12 GA surfaces and gussets. PVC coated after fabrication. Support exit shall be 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating. Hardware package shall be stainless steel screws, washers & nuts.

F. Transfer Stairway [Nucleus, Synergy, Voltage, Little Buddies] Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Stairs shall be one piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

G. Transfer Station [Nucleus, Voltage, Little Buddies, Synergy] Anchor tubes shall be 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Single step handrail and support exit shall be formed 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating. Handrails shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 14 GA galvanized steel tubing, and 10 GA galvanized steel cap. Finished with a baked on powder coating. Stairs, transfer platform, and single step shall be one piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication. Stair rail adapter shall be one piece welded construction consisting of a formed 1.315" OD X 12 GA galvanized tube and formed 7 GA stainless steel brackets. Transfer barrier shall be one piece all welded construction consisting of 1.315" OD x 12 GA steel tubing, and 8 GA galvanized steel plate. Single post transfer platform shall be one piece welded construction consisting of 12 GA sheet steel, 1/4" HRS mounting plate and 4 1/2" X 11 Ga steel tubing finished with a PVC dipped coating. Single post support shall be one piece welded construction consisting of 3.5" OD X 11 Ga galvanized tubing and a 1/4" HRS mounting plate finished with a bakedon powder coat.

H. Transition Stairway [Synergy, Voltage, Little Buddies] Upper and lower supports shall be 3/4" extruded H.D.P.E. Bracket shall be one piece all welded construction consisting of 1 9/16" OD x 13 GA CR DOM steel tubing, and 8 GA galvanized steel plate. Upper and lower stair rail adapter shall be one piece welded construction consisting of a formed 1.315" OD X 12 GA galvanized tube and formed 7 GA stainless steel brackets. Finished with a baked on powder coating. Stairs shall be one piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

 Barriers shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.029" OD x 14 GA galvanized steel tubing and 8 GA galvanized steel plate. Barriers shall be one piece all welded construction consisting of 1.315" OD x 12 GA & 1.029" OD x 12 GA galvanized steel tubing, malleable iron plug and 10 GA galvanized steel plate. Finished with a baked on powder coating. 2. Guardrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.

I. Transition Stairway [Nucleus] Upper and lower supports shall be one piece all welded construction consisting of 1.315" OD x 12 GA galvanized steel tubing, and 8 GA galvanized steel plate. Finished with a baked on powder coating. Stairs shall be one piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

- 1. Barriers shall be one piece all welded construction consisting of 1.315" OD x 14 GA & 1.029" OD x 14 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.
- 2. Guardrails shall be one piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating.

2.19 Signs

A. Age Signs [Burke Basics] Sign shall be a full color graphic sign printed on 3 mm DiBond. Posts shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating.

B. Custom Arch Signs [Nucleus, Voltage, Little Buddies] Sign shall be 3/4" coextruded H.D.P.E. Brackets shall be one piece all welded construction consisting of 10 GA galvanized sheet steel and a formed 3/16" SS plate, finished with a baked on powder coating.

C. Fitness Signs [Burke Basics] Post shall be one piece all welded construction consisting of 2 3/8" OD x 12 GA galvanized steel tubing and 10 GA galvanized steel plate. Finished with a baked on powder coating. Sign shall be 12 GA galvanized sheet steel finished with a baked on powder coating.

D. FS Custom Signs, FS Double signs [Burke Basics] Sign shall be one or two full color graphic panels printed on 3 mm DiBond. One piece all welded construction consisting of 8 GA galvanized steel plate, 2.375" OD X 12 GA galvanized steel tubing, and 1.029" OD x 14 GA galvanized steel tubing, supported with a sign frame of one piece all welded construction consisting of 8 GA galvanized steel plate, both finished with a baked on powder coating. Post caps of $\frac{1}{2}$ " extruded HDPE and stainless steel hardware.

E. Road Signs [Burke Basics] Sign shall be 1/2" co-extruded H.D.P.E. Posts shall be one piece all welded construction consisting of 1.900" OD x 11 GA galvanized steel tubing and 10 GA galvanized sheet steel. Finished with a baked on powder coating.

2.20 Swings

A. Adaptive Swing Add-On Bay [Burke Basics] Post assembly consisting of 5" OD x 11 GA galvanized steel tubing, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Tubing and cap finished with a baked on powder coating. Adaptive swing bay beam shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Adaptive Swing shall be rotationally molded LLDPE with galvanized steel chain. Pendulum shall be hot-dipped galvanized malleable iron Grade 32510. Bearing shall be an oil-impregnated bronze.

B. Arch Swings, 3 1/2" OD [Burke Basics] Pendulum shall be hot-dipped galvanized malleable iron Grade 32510. Bearing shall be an oil-impregnated bronze. Arch posts shall be one piece all welded construction consisting of 3 1/2" OD x 11 GA & 3" OD x 11 GA galvanized steel tubing, and safety device assembly of 3/8" galvanized (Sch. 40) pipe, 11/16" dia SAE 1018 low carbon steel rod. Finished with a baked on powder coating. Beam shall be one piece all welded construction consisting of 3 1/2" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Chain shall be an assembly consisting of 3/8" diameter, 4/0 straight coil chain. Clevis shackle shall be 5/16" Shackle with a 3/8" X 1 1/2" bolt.

C. Arch Swings, 5" OD [Burke Basics] Pendulum shall be hot-dipped galvanized malleable iron Grade 32510. Bearing shall be an oil-impregnated bronze. Arch posts shall be one piece all welded construction consisting of 5" OD x 11 GA & 4 1/2" OD x 11 GA HPRO EW STEEL tubing finished with cadmium yellow chromate plating, and safety device assembly of 3/8" galvanized (Sch. 40) pipe, 11/16" dia SAE 1018 low carbon steel rod. Finished with a baked on powder coating. Beam shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Chain shall be an assembly consisting of 3/8" diameter, 4/0 straight coil chain. Clevis shackle shall be 5/16" Shackle with a 3/8" X 1 1/2" bolt.

D. Anti-Wrap Swing Hangers for 2 3/8" OD and 3 1/2" OD top beams [Burke Basics], Galvanized gray cast iron swing hanger with grease zerk, black nylon PA type 6 bearing and galvanized ductile iron clevis.

E. Contemporary Swings [Burke Basics] Castings shall be hot-dipped galvanized, grade 32510, malleable iron. Top pipe and legs shall be 2 3/8" OD x 10 GA galvanized steel tubing. Finished with an optional baked on powder coating. End fittings shall be one piece all welded construction consisting of 2 7/8" OD x 8 GA galvanized steel tubing, and safety device assembly of 3/8" galvanized (Sch. 40) pipe, 11/16" dia SAE 1018 low carbon steel rod. Finished with an optional baked on powder coating. Galvanized ductile iron swing hanger with shackle pendulum. 1" wide pendulum has oil impregnated sintered bronze bearing. Bolted with 12mm carriage bolt and hex lock tight nut.

F. Single Post Swings [Burke Basics] Pendulum shall be hot-dipped galvanized malleable iron Grade 32510. Half clamp shall be a formed 8 GA galvanized steel plate finished with a baked on powder coating. Bearing shall be an oil-impregnated bronze.

Center beam shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing and 8 GA galvanized steel plate. Finished with a baked on powder coating. Posts shall be assemblies consisting of 5" OD x 11 GA galvanized steel tubing, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Tubing and cap finished with a baked on powder coating. Chain shall be an assembly consisting of 3/8" diameter, 4/0 straight coil chain. PVC coated after fabrication. Clevis shackle shall be 5/16" Shackle with a 3/8" X 1 1/2" bolt.

G. T-Swings [Burke Basics] Pendulum shall be hot-dipped galvanized malleable iron Grade 32510. Half clamp shall be a formed 8 GA galvanized steel plate finished with a baked on powder coating. Bearing shall be an oil-impregnated bronze. Swing Support Arms shall be one piece all welded construction consisting of 3 1/2" OD 8 GA galvanized steel tubing and 8 GA galvanized steel plate gussets. Finished with a baked on powder coating. Posts shall be assemblies consisting of 5" OD x 11 GA galvanized steel tubing, 1/4" wall cast aluminum cap, and 1/8" x 15/32" aluminum drive rivets. Tubing and cap finished with a baked on powder coating. Chain shall be an assembly consisting of 3/8" diameter, 4/0 straight coil chain. PVC coated after fabrication. Clevis shackle shall be 5/16" Shackle with a 3/8" X 1 1/2" bolt.

H. Tot Swing [Burke Basics] Post assembly consisting of 1.315" OD x 14 GA and 3 1/2" OD x 11 GA galvanized steel tubing and cast aluminum cap, finished with a baked on powder coating, bronze bearing, $1/8" \times 15/32"$ aluminum drive rivets and 1/2 extruded HDPE. Molded Rubber Seat shall be molded rubber, reinforced with a steel insert, and riveted galvanized attachment hardware. Chain shall be an assembly consisting of 3/8" diameter, 4/0 straight coil chain, PVC coated after fabrication. Clevis shackle shall be 5/16" Shackle with a $3/8" \times 11/2"$ bolt.

I. Traditional Swings, Extra Heavy Duty [Burke Basics] Castings shall be hot-dipped galvanized, grade 32510, malleable iron. Gussets shall be 14 GA galvanized steel. Top pipe shall be 3 1/2" OD x 8 GA galvanized steel tubing. Finished with an optional baked on powder coating. Legs shall be 2 3/8" OD x 12 GA galvanized steel tubing. Finished with an optional baked on powder coating. Hanger shall be an assembly consisting of hot-dipped galvanized, grade 32510, malleable iron castings, a nylatron bearing, and zinc plated steel hardware. Chain shall be an assembly consisting of 3/8" diameter, 4/0 straight coil chain. Clevis shackle shall be 5/16" Shackle with a 3/8" X 1 1/2" bolt.

J. Traditional Swings, Heavy Duty [Burke Basics] Castings shall be hot-dipped galvanized, grade 32510, malleable iron. Gussets shall be 14 GA galvanized steel. Top pipe shall be 2 3/8" OD x 10 GA galvanized steel tubing. Finished with an optional baked on powder coating. Legs shall be 1 7/8" OD x 11 GA galvanized steel tubing. Finished with an optional baked on powder coating. Galvanized ductile iron swing hanger with shackle pendulum. 1" wide pendulum has oil impregnated sintered bronze bearing. Bolted with 12mm carriage bolt and hex lock tight nut.

K. Tire Swing [Burke Basics] Half clamp shall be a formed 8 GA galvanized steel plate finished with a baked on powder coating. Tire swing shall be an assembly

consisting of an average of 1/4" double wall, rotationally molded, U.V. stabilized E.V.A. plastic tire, 1.315" OD x 14 GA galvanized steel ring, zinc plated U-bolts, and stainless steel nuts & flat washers. Main and cross beam shall be one piece all welded construction consisting of 5" OD x 11 GA galvanized steel tubing, 3/8" galvanized (Sch. 40) pipe, 11/16" dia SAE 1018 low carbon steel rod and 8 GA galvanized steel plate. Finished with a baked on powder coating. Swing hanger shall be an assembly consisting of an all welded steel hub, all welded steel & iron hanger, a rubber boot, a malleable iron universal joint, bearings, a stainless steel set screw, and zinc plated lock nut, threaded pin, washers, & grease zerk. Chain shall be an assembly consisting of 3/8" diameter, zinc plated steel S-hooks, and 3/8" diameter, 4/0 straight coil chain. PVC coated after fabrication.

2.21 Swing Seats

A. Adaptive swing seat shall be an assembly consisting of a one piece seat rotationally molded with double wall construction made of linear low density polyethylene. Attached with 3/8" diameter, 4/0 straight coil chain and 5/16" Malleable Iron Shackle with a 3/8" X 1 1/2" bolt, galvanized finish. Thread locking compound.

B. Freedom Inclusive Swing Seat shall be a seat and harness made of ¹/₄" thick, linear, low density, rotationally molded, U.V stabilized polyethylene with double wall construction, molded-in 3/8" T-nut inserts and a textured surface assembled together using an aluminum rod, stainless steel hardware, shims, springs, pins and standoffs along with a rubber bumper.

C. Konnection Swing shall be have a main seat made of ¼" thick, linear, low density, rotationally molded, U.V stabilized polyethylene with double wall construction, molded-in 3/8" T-nut inserts and a textured surface. It shall have a back rest assembly consisting of ¼" thick, linear, low density, rotationally molded, U.V stabilized polyethylene with double wall construction, molded-in #6-32 T-nut inserts and a textured surface, magnets that are NdFeB, Grade N42 and coated with black plastic, all fastened with #6-32 stainless steel screws with Loctite and #6 type A washer. The swing frame is one piece all welded construction consisting of 1.315" x 12 GA galvanized steel tubing, 1.029" x 14 GA galvanized steel tubing, and 1/4" HRS zinc-coated steel plating. Finished with baked on powder coat. Hardware consists of 5/16" shackle with a 3/8" X 1 5/32" bolt, stainless steel screws and washers, and Loctite.

D. Molded rubber swing seat, reinforced with a steel insert. Riveted galvanized attachment hardware. 3/8" diameter, 4/0 straight coil chain. 1/4" Nylatron GS Spacer. 5/16" Malleable Iron Shackle with a 3/8" X 1 1/2" bolt, galvanized finish. Thread locking compound.

E. Poly swing seat shall be an assembly consisting of a one piece blow molded, high density polyethylene seat, hot dipped galvanized, grade D65, ductile cast iron clevises, and stainless steel & zinc plated fasteners. 3/8" diameter, 4/0 straight coil chain. 1/4" Nylatron GS Spacer. 5/16" Malleable Iron 'H' Shackle with a 3/8" X 1 1/4" bolt, and 3/8" X 1 3/4" bolt, galvanized finish. Thread locking compound.

F. Molded rubber tot swing seat, reinforced with a steel insert. Riveted galvanized attachment hardware. 3/8" diameter, 4/0 straight coil chain. 1/4" Nylatron GS Spacer. 5/16" Malleable Iron Shackle with a 3/8" X 1 1/2" bolt, galvanized finish. Thread locking compound.

2.22 Tunnels

A. 90 Deg Tunnels, S Tunnels, Straight Tunnels [Nucleus, Voltage, Little Buddies, Synergy] Tunnels shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Tunnels shall be either 24" or 30" diameter. Panels shall be either 3/4" extruded HDPE or an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Mid support shall be one piece all welded construction consisting of 14 GA galvanized steel plate, 1" SQ x .120" wall steel tubing, 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

B. Over Tunnels, Over/Under Tunnels, Under Tunnels [Nucleus, Voltage, Synergy] Tunnels shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Tunnels shall be 24" diameter. Panels shall be either $\frac{3}{4}$ " extruded HDPE or an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Mid support shall be one piece all welded construction consisting of 14 GA galvanized steel plate, 1" SQ x .120" wall steel tubing, 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

C. Up/Down Tunnels [Nucleus, Voltage, Little Buddies, Synergy] Tunnels shall be an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with a textured outside surface. Panels shall be either ³/₄" extruded HDPE or an average of 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, molded in 3/8" T-nut inserts, and a textured outside surface. Mid support shall be one piece all welded construction consisting of 14 GA galvanized steel plate, 1" SQ x .120" wall steel tubing, 1.660" OD x 12 GA galvanized steel tubing. Finished with a baked on powder coating.

PART 3 EXECUTION

3.01 Site Preparation

A. All new installation shall be laid out by the contractor in accordance with the construction plans.

3.02 Installation

- A. Install play structure in compliance with manufacturer's written instructions.
- B. Install components in sequence as recommended by manufacturer.

C. Install play structure as indicated on the drawings provided.

D. Variations from the installation indicated must be approved.

E. Variations from the installation indicated and all costs for removal and replacement will be the responsibility of the contractor.

3.03 Cleaning

A. The contractor shall clean the jobsite of excess materials, including post hole excavations.

3.04 Demonstration

A. Instruct the owner's personnel on proper operation and maintenance of playground components.

END OF SECTION

BCI BURKE COMPANY, LLC

660 Van Dyne Road P.O. Box 549 Fond du Lac, Wisconsin 54936-0549

Contact: Scott Liebelt

Phone: (920) 921-9220 Fax: (920) 921-9566 Toll Free: 1-800-266-1250 Website: www.bciburke.com E-mail: sales@bciburke.com

Revision Date: 6/24/2020

AVAILABLE COLORS

COOINet[™] has been specifically developed as a very strong and durable U.V. protection fabric for use with Shade Systems[™] outdoor structures. Our fabrics combine maximum sun protection with strength and durability to ensure maintenance-free exterior performance.



CANARY YELLOW	TERRACOTA	LIME GREEN	FIRE ORANGE	ONYX BLACK	GRAPE PURPLE
DESERT SAND		BRIGHT RED	BRIGHT WHITE	SILVER GREY	LIGHT BLUE
NAVY BLUE	AQUATIC BLUE	FOREST GREEN	STORMY GREY	BAMBOO BROWN	CHARCOAL GREY
MOCHA BROWN	EGGSHELL WHITE	BORA BORA BLUE	BRICK RED		

Powder-Coat Colors All steel tubing components are manufactured with a bright and durable polyester powder-coated finish. Standard powder-coat colors are shown below, with many optional custom colors available upon request.

ALPINE WHITE	TEAL	BLUE STREAK	CRIMSON RED	LATTE TAN
COFFEE BROWN	JET BLACK	SUNSHINE YELLOW	GUNMETAL GREY	EVERGREEN

Post Pads Shade Systems protective padding is ideal for cushioning accidental bumps by young and old against our steel posts. Available in a variety of colors to match our standard powder-coat colors and sizes to fit all our structural posts, pads consist of exterior grade foam filler encased in high-gloss easy-to-clean flame-retardant vinyl. All pads are 6' high and fastened to posts with heavy-duty all weather plastic zippers.



ALPINE WHITE JET BLACK LATTE TAN BLUE STREAK EVERGREEN

Actual fabric and metal colors may vary from representations shown here. Sample fabric swatches and metal color chips are available upon request. For further details please refer to Technical Specifications and Warranty information at: http://shadesystemsinc.com/specs-warranty/



Shade Systems, Inc. 4150 SW 19th Street Ocala, FL 34474
 Toll Free:
 1.800.609.6066

 Local:
 352.237.0135

 Fax:
 352.237.2256

e-mail, info@shadesystemsinc.com web, www.shadesystemsinc.com



TECHNICAL SPECIFICATIONS - GENERAL:

Margo Talbot, Shade Systems Inc. 4150 SW 19 St, Ocala, FL 34474 margo@shadesystemsinc.com // 800-609-6066

GENERAL: Shade Systems products are designed and manufactured to the most exacting specifications by skilled craftsmen, and certified by Professional Engineers for structural soundness of designs. All Shade Systems are shipped knocked-down, with complete assembly instructions, and ready for easy in-field installation.

MATERIAL: All materials shall be structurally sound and appropriate for safe use. Product durability shall be ensured by the use of corrosion-resistant metals such as stainless steel, and coatings such as zinc-plating, galvanizing, and powder-coating on steel parts, subject to the Project-Specific requirements below. Fabrics used shall include UV-stabilizers and fire retardants for longevity and safety.

WELDMENTS: All tubing members are factory-welded by Certified Welders to American Welding Society (AWS) specifications and to the highest standards of quality workmanship. Weldments are finished with a zinc-rich galvanized coating. No field welding is required in the assembly of Shade Systems products.

POSTS, STRUCTURAL FRAME TUBING, AND HARDWARE: All tubing used shall be cold-formed and milled per ASTM A-135 and ASTM A-500. Material testing is in accordance with ASTM E-8. Minimum yield is 40,000 psi with a minimum tensile strength of 45,000 psi on all posts. All tubing shall be pre-cut to appropriate lengths, and where applicable all outside surfaces shall be galvanized, with an interior corrosion-resistant zincrich coating. Where required, support pipes shall be schedule 40 hot-dip galvanized or powder-coated black steel. All fastening hardware shall be stainless steel.

POLYESTER POWDER-COATING PROCESS: Where applicable, all powder-coated parts are completely cleaned and a hot zinc phosphate pretreatment with non-chromic sealer is applied. Powder-coating is then electrostatically applied and oven-cured at 375 to 425 degrees Fahrenheit. Polyester powders shall meet or exceed ASTM standards for Adhesion, Hardness, Impact, Flexibility, Overbake Resistance, and Salt Spray Resistance. Colors shall be specified.

STANDARD FOOTINGS: Footings shall be designed per stringent Florida building codes for the specific structure. Columns will be provided as standard direct embedment or optional pier mount (anchoring hardware not supplied by Shade Systems). Other footing methods are available upon request.

Shade Systems Technical Specifications, continued.

Toll-free: 1-800-609-6066 • www.shadesystemsinc.com • e-mail: shadesystems@comcast.net

ROOFING: Sails are designed by Shade Systems only for use with $CoolNet^{TM}$ polyethylene shade fabric. Fabric is attached to posts using the Fastening Systems below in conjunction with vinyl covered minimum ¹/₄" diameter stainless steel cables. Cable fasteners are zinc-plated copper for maximum corrosion resistance.

ENGINEERING DATA: Structures are engineered to meet or exceed the requirements of the International Building Code (IBC), with the following specifications:

Wind speed:	Frame only: 150 m.p.h. Frame w/canopy: 90 m.p.h.
Live Load:	None
Snow Load:	None

Optional designs with greater wind speeds, live loads, and snow loads are available.

FASTENING SYSTEM: CoolNetTM Shade Fabric shall be delivered complete with independent cables pre-inserted in fabric hems. Each cable shall be looped and clamped at each end. Fastening System to consist of the Turn-N-Slide[™] fastening device (U.S. Patent No. 6,814,094) factory installed at each roof rafter corner. The Turn-N-Slide features a concealed mechanism which allows the attachment hook and sleeve at each rafter corner to move along a track in the rafter. Cables are attached to hook which is welded to the moving sleeve, thereby distributing tension evenly over rafters and not directly onto the mechanism. Rafters are sealed with no penetrations on the top side, thereby preventing water from entering. Such moving sleeve with hook allows the looped ends of each cable to slide over the hook when the sleeve is at its upper position, and then by turning the concealed fastener within the rafter, moves the sleeve with hook outward (toward end of the rafter), thereby tensioning the cables and securing the fabric at the proper tautness. A locking cap is secured at the end of each rafter with a vandalresistant bolt (special wrench provided by the manufacturer) to prevent unauthorized access to the Turn-N-Slide mechanism. To remove the canopy, the cap is removed, and the mechanism rotated counter-clockwise. The sleeve with hook moves inward (toward peak of roof), thereby de-tensioning the cables, and allows fast removal of the canopy. Continuous one-piece cables, cables which are not independent per side and pre-looped and clamped at the factory, and/or cables which must be tensioned with the use of turnbuckles or tools not provided by the manufacturer (other than a common deep socket) are not acceptable. Structures which do not feature the Fastening System on each and every rafter, or fastening mechanisms which do not feature a sealed top rafter and moving outer sleeve such as the Turn-N-Slide, are not acceptable.

FASTENING SYSTEM INSTRUCTIONAL VIDEO: Product must be delivered complete with a minimum 4-minute instructional video on DVD media. Video must show the viewer the exact procedure for removing and re-attaching canopy using an actual shade structure in the field. Submittals which do not include the video on DVD media are not acceptable.

Shade Systems Technical Specifications, continued.

Toll-free: 1-800-609-6066 • www.shadesystemsinc.com • e-mail: shadesystems@comcast.net

CoolNetTM SHADE FABRIC: Knitted of monofilament and tape construction high density polyethylene with Ultra Violet (U.V.) stabilizers and flame retardant. UV-Block Factor varies by standard color offered from 91% to 99%.

Nominal Thickness: Fabric Mass:	0.057 inches Min. 340 g/m^2
Light Fastness:	7-8 (Blue Wool Scale)
Weather Fastness:	4-5 (Grey Scale Test)
Tear Resistance:	Warp 210N
	Weft 276N
Breaking Force:	Warp 786N
	Weft 2494N
Bursting Pressure:	Mean 3500kPa
Bursting Force:	Mean 2146N

All hems and seams are double row lock stitched using exterior grade UV-stabilized polyethylene GORE[™] TENARA® sewing thread (GORE and TENARA are trademarks of W. L. Gore & Associates).

FLAMMABILITY: CoolNet[™] Shade Fabric is treated with fire retardants, and passes the requirements established under the NFPA 701 Test Method 2 test standards for flammability, <u>including</u> the accelerated water leaching protocol. Written evidence of compliance with this standard, <u>including</u> the accelerated water leaching protocol, must be furnished with bid proposal.

INSURANCE: Manufacturer must show acceptable evidence of the following <u>minimum</u> insurance coverages, all written on the Occurrence Form:

- Commercial Product Liability/Completed Operations of \$1,000,000 per claim and \$2,000,000 aggregate;
- Professional Liability (Errors & Omissions) of \$2,000,000 per claim;
- And an additional \$3,000,000 umbrella coverage.

Shade Systems Technical Specifications, continued.

WARRANTY: Shade Systems, Inc. warrants that the equipment sold will conform in kind and quality to the specifications listed in the Order Acknowledgment and will be free of defects in workmanship or materials. Shade Systems further warrants:

- LIMITED 20 YEAR WARRANTY on all upright posts, cables, and tensioning plates against failure due to rust-through corrosion.
- LIMITED 10 YEAR WARRANTY on all CoolNet[™] fabric <u>and</u> GORE[™] TENARA® stitching thread against degradation, cracking or material breakdown resulting from ultraviolet exposure. This warranty excludes failure of fabric due to chemical erosion or as a result of flying objects.
- LIMITED 1 YEAR WARRANTY on powder-coating, or any other product or part not covered by one of the above warranties.

<u>The above warranties are not pro-rated</u>. Please refer to the full text of our complete Limited Warranty for additional details and other important warranty information.

MANUFACTURER EXPERIENCE: Bidder must show evidence of at least six (6) public municipal installations where manufacturer's product as proposed pursuant to this bid has been installed and has been in continuous use for a minimum of five (5) years each.

MANUFACTURING FACILITY: Bidder's products must be completely manufactured entirely in its own factory by its own employees, including powder-coating, thereby ensuring complete quality control. Bidder must certify that no aspect of its production – including powder-coating – is contracted out to third parties.

ALTERNATE PRODUCT APPROVAL PROCEDURE: Ten (10) day prior approval required for substitution of product design, materials and features specified above. Submittals must include plans, drawings, cut sheets, material data sheets, testing results and samples. Bids failing to meet this requirement will be deemed non-responsive.



TECHNICAL SPECIFICATIONS - GENERAL:

Margo Talbot, Shade Systems Inc. 4150 SW 19 St, Ocala, FL 34474 margo@shadesystemsinc.com // 800-609-6066

GENERAL: Shade Systems 'Sail' products are designed and manufactured to the most exacting specifications by skilled craftsmen, and certified by Professional Engineers for structural soundness of designs. All Shade Systems are shipped knocked-down, with complete assembly instructions, and ready for easy in-field installation.

MATERIAL: All materials shall be structurally sound and appropriate for safe use. Product durability shall be ensured by the use of corrosion-resistant metals such as stainless steel, and coatings such as zinc-plating, galvanizing, and powder-coating on steel parts, subject to the Project-Specific requirements below. Fabrics used shall include UV-stabilizers and fire retardants for longevity and safety.

WELDMENTS: All tubing members are factory-welded by Certified Welders to American Welding Society (AWS) specifications and to the highest standards of quality workmanship. Weldments are finished with a zinc-rich galvanized coating. No field welding is required in the assembly of Shade Systems products.

POSTS, STRUCTURAL FRAME TUBING, AND HARDWARE: All tubing used shall be cold-formed and milled per ASTM A-135 and ASTM A-500. Material testing is in accordance with ASTM E-8. Minimum yield is 40,000 psi with a minimum tensile strength of 45,000 psi on all posts. Support pipes shall be schedule 40 black steel with appropriate pre-treatment for powder-coating. All fastening hardware shall be stainless steel.

POLYESTER POWDER-COATING PROCESS: Where applicable, all powder-coated parts are completely cleaned and a hot zinc phosphate pretreatment with non-chromic sealer is applied. Powder-coating is then electrostatically applied and oven-cured at 375 to 425 degrees Fahrenheit. Polyester powders shall meet or exceed ASTM standards for Adhesion, Hardness, Impact, Flexibility, Overbake Resistance, and Salt Spray Resistance. Colors shall be specified.

STANDARD FOOTINGS: Footings shall be designed per stringent Florida building codes for the specific structure. Columns will be provided as standard direct embedment or optional pier mount (anchoring hardware not supplied by Shade Systems). Other footing methods are available upon request.

Shade Systems Technical Specifications, continued.

Toll-free: 1-800-609-6066 • www.shadesystemsinc.com • e-mail: shadesystems@comcast.net

ROOFING: Sails are designed by Shade Systems only for use with $CoolNet^{TM}$ polyethylene shade fabric. Fabric is attached to posts using the Fastening Systems below in conjunction with vinyl covered minimum ¹/₄" diameter stainless steel cables. Cable fasteners are zinc-plated copper for maximum corrosion resistance.

ENGINEERING DATA: Structures are engineered to meet or exceed the requirements of the International Building Code (IBC), with the following specifications:

Wind speed:	Frame only: Frame w/canopy	1
Live Load:	None	
Snow Load:	None	

FASTENING SYSTEM: CoolNet[™] Shade Fabric shall be delivered complete with fastening system installed. Fastening System to consist of factory formed stainless steel tensioning plates pre-attached to fabric canopies at each corner, and cables per the above hemmed into the fabric at the factory and terminating in the bracket. Posts shall be equipped with an adjustable 360-degree swivel and pivot attachment mechanism to which the tensioning plate fastens. Tensioning plate includes a stainless steel adjustment bolt which, when turned, tensions the fabric for a taut fit. Fabrics, cables, and brackets which are not pre-assembled at the factory are not acceptable. Cables which attach to posts with U-bolts or "S" hooks, or are removable, and which do not use a stainless steel bracketing system with single attachment bolt similar to the above are not acceptable.

CoolNet[™] SHADE FABRIC: Knitted of monofilament and tape construction high density polyethylene with Ultra Violet (U.V.) stabilizers and flame retardant. UV-Block Factor varies by standard color offered from 91% to 99%.

0.057 inches
Min. 340 g/m ²
7-8 (Blue Wool Scale)
4-5 (Grey Scale Test)
Warp 210N
Weft 276N
Warp 786N
Weft 2494N
Mean 3500kPa
Mean 2146N

All hems and seams are double row lock stitched using exterior grade UV-stabilized polyethylene GORE[™] TENARA® sewing thread (GORE and TENARA are trademarks of W. L. Gore & Associates).

Shade Systems Technical Specifications, continued.

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- Commercial Product Liability/Completed Operations of \$1,000,000 per claim and \$2,000,000 aggregate;
- Professional Liability (Errors & Omissions) of \$2,000,000 per claim;
- And an additional \$3,000,000 umbrella coverage.

WARRANTY: Shade Systems, Inc. warrants that the equipment sold will conform in kind and quality to the specifications listed in the Order Acknowledgment and will be free of defects in workmanship or materials. Shade Systems further warrants:

- LIMITED 20 YEAR WARRANTY on all upright posts, cables, and tensioning plates against failure due to rust-through corrosion.
- LIMITED 10 YEAR WARRANTY on all CoolNet[™] fabric <u>and</u> GORE[™] TENARA® stitching thread against degradation, cracking or material breakdown resulting from ultraviolet exposure. This warranty excludes failure of fabric due to chemical erosion or as a result of flying objects.
- LIMITED 1 YEAR WARRANTY on powder-coating, or any other product or part not covered by one of the above warranties.

<u>The above warranties are not pro-rated</u>. Please refer to the full text of our complete Limited Warranty for additional details and other important warranty information.

MANUFACTURER EXPERIENCE: Bidder must show evidence of at least six (6) public municipal installations where manufacturer's product as proposed pursuant to this bid has been installed and has been in continuous use for a minimum of five (5) years each.

MANUFACTURING FACILITY: Bidder's products must be completely manufactured entirely in its own factory by its own employees, including powder-coating, thereby ensuring complete quality control. Bidder must certify that no aspect of its production – including powder-coating – is contracted out to third parties.

ALTERNATE PRODUCT APPROVAL PROCEDURE: Ten (10) day prior approval required for substitution of product design, materials and features specified above. Submittals must include plans, drawings, cut sheets, material data sheets, testing results and samples. Bids failing to meet this requirement will be deemed non-responsive.

Product Catalog

Shade systems NC.

the coolest solutions under the sun®

To Our Valued Customers, Representatives, and Employees:

In the early days of the millennium, and in response to the public's growing awareness of the dangers of unprotected sun exposure, Shade Systems was established to offer a higherquality pre-engineered alternative to the confusing raft of amateurish shade options on the market at the time.

Now in our 15th year, we have continually refined our products since our early days, and this latest edition of the Shade Systems product catalog contains our very best design and engineering innovations, proving year after year that Shade Systems is the quality leader in the shade industry.

A perfect example of our leadership is our patented Turn-N-Slide™ easy canopy removal and re-attachment system, which some have attempted to imitate, but none have equaled. Shown on page 5, the Turn-N-Slide makes it easy for most anyone on your staff to quickly remove and re-attach the canopy in the event of severe storm or for the winter season.

Turn to pages 18 thru 25 for our innovative 'Sails' products, including our stylishly complex Multi-Level 'Sails' – the highest quality fabric tension structures on the market. Like our framesupported shade products, 'Sails' also feature an easy-to-use canopy attachment system for quick removal of the fabric canopies (detail shown on page 20).

For a real show-stopper in imaginative shade protection, look no further than our stunning Tornado[®]. With its gracefully arching steel pipe arms radiating outward, it's one of our most attractive shade structure designs, with sculpture-like appeal across a broad spectrum of environments where shade is needed but in an aesthetically-appealing style.

For all the above reasons, together with time-tested engineering which is backed by the most air-tight warranties on the market, Shade Systems is proud to be the most-specified name in the shade business. We look forward to serving your shade needs for many years to come.

Sincerely,

thelegype

Alan Bayman President







PROJECT INFO

On this Page:

Santa Ana Wellness Center – Santa Ana Pueblo, New Mexico See page 18 for more 'Sails' ideas

On the Cover:

Sullivan Park – City of Deerfield Beach, Florida See page 24 for more Multi -Level 'Sails' ideas

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Why Choose Shade Systems?

✓ Turn-N-Slide[™] Easy Fastening System



 Makes it easy to remove and re-attach the fabric canopy for the winter season or in case of severe storm such as hurricanes (most other shade companies' products are permanent and require professional installers to remove and re-install the canopy)

- Only patented and time-tested system of its kind – in continuous use nationwide since 2003
- See our demonstration video at: www.shadesystemsinc.com

One-Point 'Sails' Attachment System

- No need to thread messy cables each corner of the 'Sails' fabric canopy features a stainless steel bracket with just one tensioning bolt to easily attach or remove the canopy.
- Cables are permanently concealed in the hems and terminate in the stainless steel bracket – you never have to touch them!
- All cables and hardware are corrosion resistant stainless steel for maximum durability.
- Please see page 20 for more details.



Most comprehensive warranties in the industry

20yrs on metal frames against rust-through corrosion

10yrs on CoolNet[™] shade fabric against deterioration

10yrs on CoolNet[™] stitching thread against deterioration

10yrs on Turn-N-Slide[™] Easy Fastening System

** And none of the above warranties are pro-rated! **

Extensive use of stainless steel for maximum corrosion resistance

- All stainless steel hardware
- All stainless steel cables

100% U.S. made – All under one roof in our Florida factory!

Watch our 5-minute Factory Tour video: www.shadesystemsinc.com

✓ Fire Rated

CoolNet[™] shade fabric is treated with fire retardants, and passes the requirements established under the NFPA 701 Test Method 2 test standards for flammability, including the accelerated water leaching protocol. Ask for a copy of the test results.

Maximum U.V. protection

- Up to 99% U.V. screening protects against sun overexposure
- Reduces temperatures by up to 15-20 degrees
- Extends the life of playground equipment and other property underneath

TURN-N-SLIDE[™] Easy Fastening System

it's that easy!





STEP 1: Use our special vandal-resistant tool to remove access cap

STEP 2:

Turn concealed nut using a standard socket wrench. Attachment hook moves backward, releasing the canopy cables.





WHAT IS THE TURN-N-SLIDE™?

Our patented Turn-N-Slide[™] Easy Fastening System is an ingenious mechanism which comes standard on all framesupported Shade Systems products and makes removal and re-attachment of the canopy quick and easy for most anyone on your staff. And it's covered by a 10 year warranty.

WHY DO WE NEED SUCH A MECHANISM ON OUR SHADE?

If you are located in colder climates, you will want to remove your canopy and store it for the winter season. This prolongs the canopy's life by not subjecting it to snow loads and winter storms. Likewise, if you are located in an area subject to hurricanes or tornadoes, the Turn-N-Slide allows quick removal of the canopy as soon as you receive a storm warning.

WHAT DOES THE COMPETITION OFFER?

Good question. The competition's canopies are mostly designed to be permanent, and require special tools and oftentimes the services of professional installers for removal and especially re-installation. Ask the competition to describe the specific steps required to remove and then re-attach their canopy, and judge for yourself if the same thought has gone into their product as the Turn-N-Slide.

WHERE CAN WE LEARN MORE ABOUT THE TURN-N-SLIDE?

Visit our website at www.shadesystemsinc.com to see a 6-minute online demonstration video of how easy it is to remove and then re-attach your Shade Systems canopy.

Mega Spans



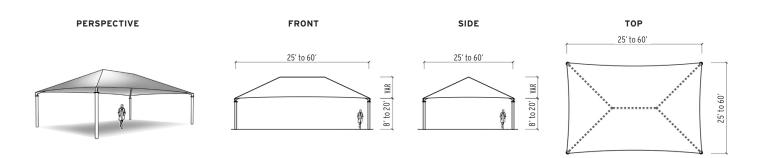
North Myrtle Beach Sports Park | North Myrtle Beach, South Carolina | Aquatic Blue canopy / Jet Black frame | 36' x 38' x 10' eave height

MEGA SPANS comprise our largest pre-engineered frame-supported shade structures, providing clear span coverage for spaces ranging from 900 square feet to over 5,000 square feet. Featuring heavy schedule 40 pipe columns and structural steel beams, Mega Span steel frames are shipped as easy-to-assemble bolt-together components requiring no in-field welding or fabrication.

Our exacting specifications include all stainless steel hardware and tensioning cables, and a durable powder-coat finish on all metal components in your choice of brilliant colors. And like our smaller frame-supported structures shown on pages 10-11, Mega Spans also include our remarkable Turn-N-Slide[™] easy canopy fastening system. The Turn-N-Slide makes it easy to quickly remove and then reattach the CoolNet[™] fabric canopy for the winter season or in the event of severe storms such as hurricanes.



Please refer to the Turn-N-Slide details on page 5.



MEGA SPANS

Available in sizes from 900 sq. ft. to over 5,000 sq. ft.



SPORTS COURTS

Winthrop Charter School | Riverview, Florida | Bright Red canopy / Jet Black frame (shown with optional post pads) | 54' x 90' x 12' eave height



Yellow Jacket Park | Rockwall, Texas | Desert Sand canopy / Alpine White frame | 30' x 50' x 10 ' eave height

MEGA SPANS ARE PERFECT FOR:

- Playgrounds
- Dog Parks & Pet Boarding
- Parking & Car Washes
- Seating & Concessions

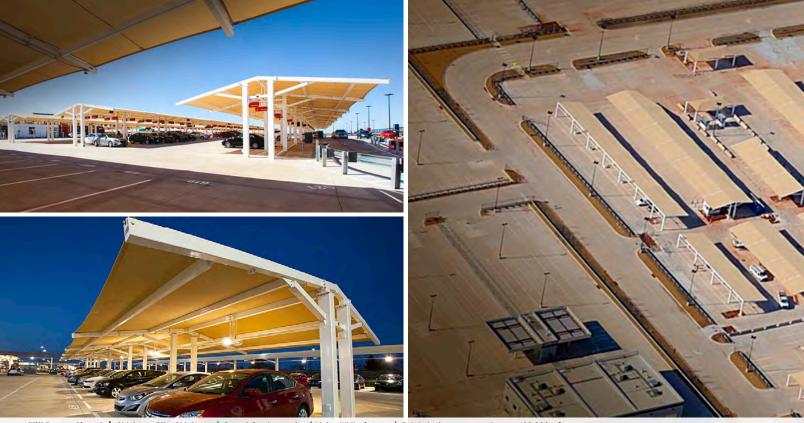


OUR TURN-N-SLIDE[™] EASY FASTENING

(SEE DETAILS ON PAGE 5)

SYSTEM IS BUILT RIGHT IN!

Parking and Vehicle Protection



Will Rogers Airport | Oklahoma City, Oklahoma | Desert Sand canopies / Alpine White frames | Total shade coverage: Approx. 180,000 s.f.

Shade Systems canopies are perfect for car parking applications as our remarkable CoolNet[™] shade fabric keeps automotive interiors comfortably cool. The temperature in an unshaded car under the summer sun can rise to over 150 degrees, but a shaded car's interior temperature can be 60 degrees lower!

Popular designs for car parking include our Mega Spans and Cantilevers. Our patented Turn-N-Slide[™] easy fastening system comes standard, making Shade Systems products the most user-friendly shade structures on the market when it comes time to remove the canopies! Please refer to the Turn-N-Slide details on page 5.

And all this convenience and quality is backed up by the most comprehensive warranty coverages in the industry: 20 years against rust-through corrosion on structural steel members, 10 years against deterioration on CoolNet shade fabrics and thread, and an additional 10 year warranty on the Turn-N-Slide easy fastening mechanism.

Call Shade Systems today for more information on how we can help you provide car parking shade that looks good and is designed to last. A vehicle parking brochure is available upon request.





PARKING



Will Rogers Airport | Oklahoma City, Oklahoma | Desert Sand canopies / Alpine White frames | Total shade coverage: Approx. 180,000 s.f.



Northwest Florida Beaches International Airport | Panama City, Florida | Total shade coverage: Approx. 115,000 s.f.

SHADE SYSTEMS PRODUCTS ARE ENGINEERED FOR DURABILITY

Here are just a few of our rigorous specification highlights, with more information shown starting on page 38:

- All stainless steel hardware and cables for maximum corrosion resistance
- All metal components feature our proprietary in-house pre-treatments and powder-coat finishes for maximum adhesion and colorfastness
- CoolNet[™] shade fabric canopies are the heaviest of their kind and lock-stitched for strength

WITH TURN-N-SLIDE[™] SYSTEM FOR EASY CANOPY REMOVAL. •••••• (SEE DETAILS ON PAGE 5)



Squares & Rectangles



Windmill Park | City of Coconut Creek, Florida | Forest Green canopy / Evergreen frame | 20' x 20' x 8' eave height

Shade Systems' **SQUARE AND RECTANGULAR** designs form the backbone of our most effective and economical shade offerings. Engineered to meet the stringent International Building Code (IBC), these functional structures are available in a variety of colors, heights and sizes, and feature our remarkable Turn-N-Slide[™] quick-release canopy fastening mechanism in case removal of the canopy becomes necessary due to severe storm or winter weather.





SQUARES & RECTANGLES Available in sizes from 10' x 10' to 25' x 25'



North Collier Reg. Park | Collier County Parks • Naples, Florida | Desert Sand canopy / Coffee Brown frame | 20' x 25' x 12' eave height



North Shore Youth Center | City of Miami Beach Parks • Miami Beach, Florida | Forest Green canopy / Evergreen frame 20' x 25' x 12' eave height

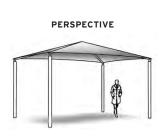
💀 Elk Grove Village | Elk Grove, Illinois | Aquatic Blue canopy / Latte Tan frame | 18' x 18' x 8' eave height

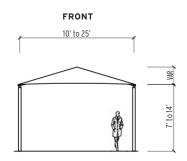


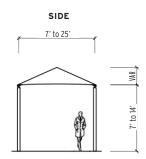
SQUARES & RECTANGLES ARE PERFECT FOR:

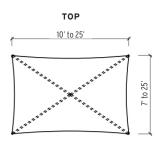
- Playgrounds
- Pools & Waterparks
- Bleachers and Dugouts

- Tennis and Shuffleboard
- Seating & Concessions
- Hotels, Resorts, Restaurants











Hexagons & Octagons



City of Des Moines Aquatic Center | Des Moines, Iowa | Aquatic Blue canopy / Alpine White frame | 33' dia. Hexagon - 8' eave height



George Brummer Park | City of Pompano Beach, Florida | Forest Green canopy / Coffee Brown frame | 42' dia. Octagon - 12' eave height

Shade Systems' **HEXAGON AND OCTAGON** designs add a whimsical 'carousel' look to your play area or other outdoor gathering place. As with all our shade products, Hexagons and Octagons are engineered to meet the International Building Code (IBC), are available in a variety of heights and sizes, and feature our patented Turn-N-Slide[™] easy canopy fastening system in case removal of the canopy becomes necessary. Please refer to the Turn-N-Slide details on page 5.

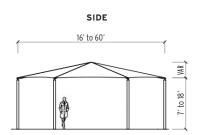
HEXAGONS & OCTAGONS ARE PERFECT FOR:

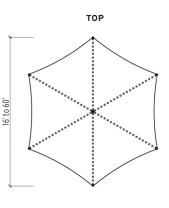
• Playgrounds

- Picnic Areas
- Concessions

HEXAGONS









WARRANI

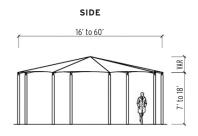
HEXAGONS & OCTAGONS

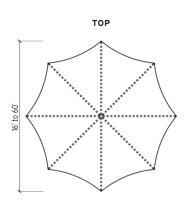
Available in 16' diameter to 60' diameter

OCTAGONS

PERSPECTIVE









Fairmont Park | Birmingham, Alabama | Silver Grey canopy / Blue Streak frame | 40' dia. Hexagon - 13' eave height



Peace Park | Aventura, Florida | Rivergum Green canopy / Alpine White frame | 60' dia. Hexagon – 12' eave height



Collins Community Center | City of Oakland Park Recreation • Oakland Park, Florida | Forest Green canopy / Evergreen frame | 50' dia. Octagon - 12' eave height

Cantilevers Si

Available in sizes from 19' x 20' to 25' x 30'

SINGLE CANTILEVER

PERSPECTIVE

FRONT Up to 30'

VAR

8' to 12'



Russell Creek Park | City of Plano • Plano, Texas | Desert Sand canopy / Blue Streak frame | 19' x 30' x 10' eave height





Alamedas Spray Park | Alamedas, New Mexico | Bright Red canopy / Alpine White frame | 19' x 20' x 10' eave height

CANTILEVERS ARE PERFECT FOR:

- Bleachers
- Skate Parks
- Dugouts

- Pool Areas
 - Seating Areas

Jefferson Reaves Park | Miami-Dade County Parks & Recreation • Miami, Florida | Canary Yellow canopy / Evergreen frame | 12' x 20' x 8' eave height

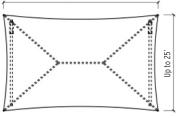


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- Picnic Areas
- Tennis Courts
- Shuffleboard

SIDE Up to 25 VAR 8' to 12'

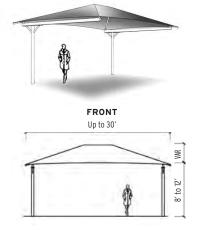


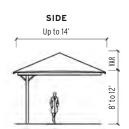


Available in sizes from 9' x 20' to 14' x 30' Offset T-Contilevers

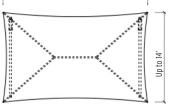
OFFSET T-CANTILEVER

PERSPECTIVE





TOP Up to 30'





Tuscawilla Park | Ocala Parks & Recreation • Ocala, Florida | Desert Sand canopy / Jet Black frame | 12' x 30' x 12' eave height



North Myrtle Beach Sports Park | North Myrtle Beach, South Carolina | Aquatic Blue canopy / Jet Black frame | 10' x 30' x 12' eave height



 Palmetto Health
 Columbia, South Carolina

 Brick Red canopy
 Silver Flake frame (optional color)
 8' x 57' x 10' eave height

Double Cantilevers



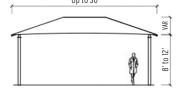
PET BOARDING

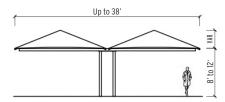
Jill's Pet Resort | New Bern, North Carolina | Desert Sand canopy / Latte Tan frame | 38' x 30' x 8' eave height

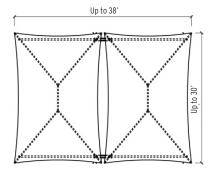
DOUBLE CANTILEVER

Available in sizes up to 38'x 30'









CANTILEVERS ARE PERFECT FOR:

- Bleachers
- Skate Parks
- Dugouts
- Shuffleboard
- Pool Areas
- Seating Areas
- Picnic Areas
- Tennis Courts







T-Cantilevers



Tyger Park | City of Spartanburg, South Carolina | Canary Yellow canopy / Jet Black frame | 15' x 30' x 12' eave height



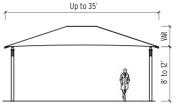
Community Park Tennis Center | City of Pompano Beach • Pompano Beach, Florida | Rivergum Green canopy / Evergreen frame | 12' x 25' x 10' eave height

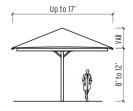


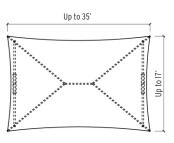
Russell Creek Park | City of Plano • Plano, Texas | Desert Sand canopy / Blue Streak frame | 17' x 35' x 10' eave height

T-CANTILEVER Available in sizes from 8' x 18' to 17' x 35'









'Sails' – The Sky is the Limit





Santa Ana Wellness Center | Santa Ana Pueblo, New Mexico | Lime Green canopies / Alpine White columns

CAR W



Kaiser Permanente | Baldwin Park, CA | Desert Sand canopies / Moss Green columns (optional color)

'SAILS'

Available in a virtually unlimited range of custom sizes and shapes





South Pointe Park | City of Miami Beach Parks and Recreation • Miami Beach, Florida | Light Blue & Eggshell White canopies / Alpine White columns

Lock Park | City of Lake Charles Parks & Recreation • Lake Charles, Louisiana | Aquatic Blue & Bright Red canopies / Alpine White columns

Our innovative 'SAILS' shade designs are a clever way to cover those oddshaped areas where possible post locations are limited or where a unique aesthetic appearance is desired. Featuring stainless steel connections and hardware for long life, 'Sails' are pre-engineered in an endless variety of imaginative configurations to add visual interest to your play structure's skyline, while protecting children from the sun's dangerous U.V. rays with up to 99% sun screening. They are equally attractive and functional over spectator seating areas, pool decks, picnic courts, outdoor amphitheaters, sports fields, concessions, or any other outdoor gathering area where protection is needed from the sun's harmful U.V. rays.





'Sails'

Insist on the Shade Systems Advantages!



Don't settle for this:



Cables are not pre-cut and must be measured and threaded in the field.



Non-stainless steel parts develop corrosion and can fail.

U-Bolts and clamps must be used to secure cables - movement of metal against metal promotes wear. Tangle of cables makes it difficult to remove sails for storms or winter.





'SAILS' ARE PERFECT FOR:

- Playgrounds
- Pools & Waterparks

- Seating & Concessions
- Hotels, Resorts, Restaurants







Sullivan Park | City of Deerfield Beach • Deerfield Beach, Florida | Desert Sand and Rivergum Green canopies / Alpine White frames

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'Sails'

AVAILABLE WITH NIGHT LIGHTING



Myrtle Beach Boardwalk (all photos on page) | City of Myrtle Beach, South Carolina | Navy Blue, Aquatic Blue, Desert Sand and Eggshell White canopies / Alpine White columns



'SAILS'

Available in a virtually unlimited range of custom sizes and shapes



- Seven Oaks Park | Columbia, South Carolina | Light Blue canopies / Jet Black columns
- Sellard Park ↓ City of Lake Charles Parks & Recreation Lake Charles, Louisiana ↓ Bright Red & Canary Yellow canopies / Alpine White columns



... Brooklyn Bridge Park • Pier 5 | Brooklyn Bridge Park Conservancy • Brooklyn, NY | Desert Sand canopies







Arts Park | City of Hollywood, Florida | Eggshell White and Canary Yellow canopies / Custom Grey columns (optional color)





Multi-Level 'Sails'



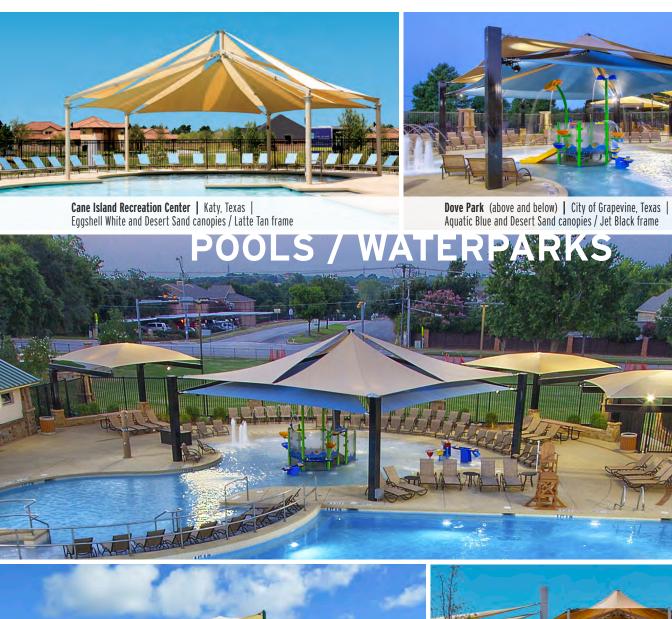
Reilly Arts Center | Ocala Symphony Orchestra Inc. • Ocala, Florida | Silver Grey and Navy Blue canopies / Jet Black frame



MULTI-LEVEL 'SAILS' go beyond even our normal 'Sails' for multiple layers of imaginative sun protection. They still feature stainless steel connections and hardware for long life, but additionally include a powder-coated steel framework to support an intricate arrangement of multiple layers of fabric to visually stun as well as provide cooling shade. Our 'Sails' systems are equally attractive and functional for shade cover over spectator seating areas, picnic courts, outdoor amphitheaters, sports fields, concessions, or any other outdoor gathering area where protection is needed from the sun's harmful U.V. rays for children and adults.

MULTI-LEVEL 'SAILS'

Available in a virtually unlimited range of custom sizes and shapes





MULTI-LEVEL 'SAILS' ARE PERFECT FOR:

• Playgrounds

- Fitness Areas
- Pools & Waterparks
- Stage/Amphitheater

Seating & Concessions



C

Shade Kites

SEATING & CONCESSIONS Council Road Baptist Church | Bethany, Oklahoma | Forest Green and Desert Sand canopies / Coffee Brown frame

SHADE KITES ARE PERFECT FOR:

• Pool areas

Spraygrounds

• Playgrounds

• Any outdoor area



SHADE KITES

Available in sizes from 15' x 15' to 30' x 30'



Tamiami Trail Park | Miami, Florida | Light Blue canopy / Alpine White frame | 30' x 30' x 10'/18' eave height

Named **'SHADE KITES'** for their soaring sky-bound shapes, these imaginative designs are a clever variation of our popular square frame-supported shades. With one corner post twice the height of the other three, Shade Kites offer the design flexibility of orienting them tilted toward the sun for maximum shading. Typical applications include poolside, by spraygrounds, or over traditional playground equipment. Shade Kites can be purchased as a single, or connected together in groups of two, three, four, or more.

Of course, Shade Kites come standard with our patented Turn-N-Slide[™] easy canopy fastening and removal system. No other shade manufacturer offers the unique combination of such a shade system design with the Turn-N-Slide canopy removal and re-attachment feature built right in! Please refer to the Turn-N-Slide details on page 5.

Shade Kites are available in square sizes ranging from 15'x15' to 30'x30'. Post heights vary from 7'/14' to 10'/18'. All other specifications are equivalent to our regular square frame-supported shade systems.



Single Post Pyramid



Cranford Pool • Single Post Pyramid | Cranford Pool, New Jersey | optional two-tone Eggshell White & Aquatic Blue canopies / Alpine White frames

Sunset Point Park • Single Post Pyramid | City of Tamarac, Florida | Forest Green canopy / Evergreen frame





SINGLE POST PYRAMIDS and OFFSET SINGLE POST PYRAMID are cleverly engineered with just one central support post, making them ideal for smaller shaded areas.

All Single Post shade systems feature our remarkable CoolNet[™] shade fabric in a variety of colors for maximum air cooling and protection from up to 99% of the sun's dangerous U.V. rays.

OFFSET SINGLE POST PYRAMID



Offset Single Post Pyramid

Single Post Pyramids are available in 7' to 10' eave heights, and sizes ranging from 8'x8' to 20'x20'. And they feature our patented Turn-N-Slide[™] easy canopy fastening mechanism built right in, making removal of the canopy for the winter season or in case of severe storm a breeze! Please refer to the Turn-N-Slide details on page 5.



Single Post Umbrella





Aiken YMCA • Single Post Umbrella | Aiken, South Carolina | Bright Red, Canary Yellow, Aquatic Blue canopies / Alpine White frame

North Myrtle Beach Sports Park | North Myrtle Beach, South Carolina Rivergum Green canopy / Jet Black frame | 30' diameter x 10' eave height

Our SINGLE POST UMBRELLA is available in 7' and 8' eave heights, and 16' or 20' diameter sizes. (Note: Turn-N-Slide[™] not available with Umbrellas.)

SINGLE AND DOUBLE POSTS ARE PERFECT FOR:

- Playground Seating Areas
- Picnic Areas

- Water Parks/Pool Decks
- Concessions

Double Post Hip

Our DOUBLE POST HIP is engineered to provide over 300 square feet of cooling shade with only 2 support posts. Featuring a very clean design, the Double Post Hip is perfect for poolside settings or anywhere people want to relax without worrying about dangerous exposure to the sun's U.V. rays.

SINGLE POST

UMBRELLA

DOUBLE POST HIP





Shade Walks

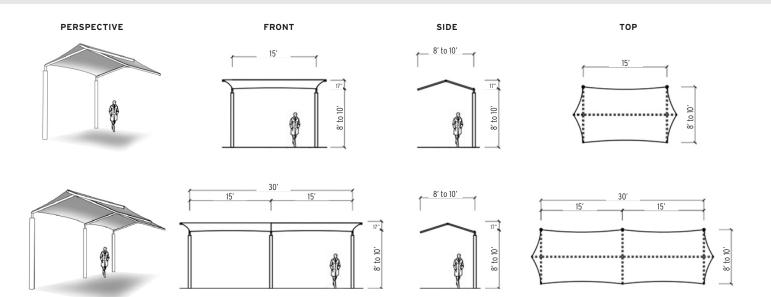


Santa Ana Wellness Center | Santa Ana Pueblo, New Mexico | Lime Green canopy / Alpine White frame

Ideal for applications such as walkways, dugouts, or seating, where it is desirable to keep the support posts only to one side of the shade cover, our innovative new **SHADE WALK** designs are engineered to provide maximum shade with the fewest possible post obstructions.



Available in 15 vibrant fabric colors, the remarkable CoolNet[™] canopy screens up to 99% of the sun's harmful U.V. rays, and adds architecturally pleasing color to any location. Please refer to page 36 and 37 to see fabric and metal color choices. Note that metal components are available in additional custom colors as well.



SHADE WALKS

Available in sizes 8' x 15' and up



Windermere Preparatory School | Windermere, Florida | Aquatic Blue canopy / Custom Red frame

The **SHADE WALK** is available in a variety of heights, lengths, and overhangs, all featuring our patented Turn-N-Slide[™] easy canopy fastening system built right in! Whether it is for the winter season or an approaching hurricane, the Turn-N-Slide makes removing and re-attaching your canopy a breeze! Please refer to the Turn-N-Slide details on page 5.



SHADE WALKS ARE PERFECT FOR:

- Pools & Waterparks
- Bleachers and Dugouts
- Tennis and Shuffleboard
- Parking Areas
- Seating & Concessions



Shade Systems Tornadoes® Make Your Site Spectacular!

Day&Night





The **TORNADO**[®] is one of our most stunning shade structures with sculpture-like appeal across a broad spectrum of environments where shade is needed but in an aesthetically-appealing style.

Gracefully arching steel piping arms radiate outward from a curved central support column to create a 5-point tensioned shade canopy which makes a bold architectural statement about its determination to shade stylishly. Available with electrical accommodations for beautiful fabric shade structures with night lighting!



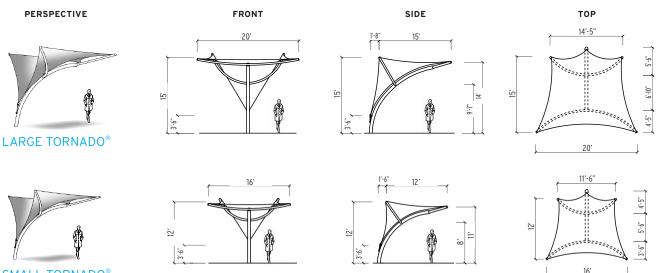
Tornado® Shades



The **TORNADO**[®] is one of our most stunning shade structures with sculpture-like appeal across a broad spectrum of environments where shade is needed but in an aesthetically-appealing style.

Gracefully arching steel piping arms radiate outward from a curved central support column to create a 5-point tensioned shade canopy which makes a bold architectural statement about its determination to shade stylishly. Available with electrical accommodations for beautiful fabric shade structures with night lighting!





SMALL TORNADO®

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Of course, The Tornado[®] features our remarkable CoolNet[™] shade fabric in a variety of colors for maximum air cooling and protection from up to 99% of the sun's dangerous U.V. rays. Plus, removal and re-attachment of the canopy is a breeze with our simple stainless steel fastening features built right in!



Uno Pizzeria & Grill Orlando, Florida | Eggshell White canopy / Blue Streak frame

TORNADO[®] SHADES ARE PERFECT FOR:

• Seating & Concessions

Hotel & Resorts



• Restaurants

Coolnet[®] Canopy Fabric Colors



COOLNET[™] has been specifically developed as a very strong and durable U.V. protection fabric for use with Shade Systems[™] outdoor structures. Our canopy fabrics combine maximum sun protection with strength and durability to ensure maintenancefree exterior performance.

CANARY YELLOW	EGGSHELL WHITE	LIME GREEN	FIRE ORANGE	ONYX BLACK
GRAPE PURPLE	DESERT SAND	RIVERGUM GREEN	BRIGHT RED	BRICK RED
SILVER GREY	LIGHT BLUE	NAVY BLUE	AQUATIC BLUE	FOREST GREEN

	Weight		% Shade	% UVR
Color	(g/m²)	(oz./s.f.)	Factor (Approx)	Block (Approx)
Canary Yellow	340	1.11	77	93
Eggshell White	340	1.11	79	95
Lime Green	400	1.33	87	94
Fire Orange	400	1.33	82	94
Onyx Black	340	1.11	97	97
Grape Purple	400	1.33	82	90
Desert Sand	340	1.11	84	95
Rivergum Green	340	1.11	86	93
Bright Red	340	1.11	81	91
Brick Red	340	1.11	95	94
Silver Grey	340	1.11	92	97
Light Blue	340	1.11	95	97
Navy Blue	340	1.11	96	99
Aquatic Blue	340	1.11	88	94
Forest Green	340	1.11	96	97

BASE MATERIAL

High-density polyethylene (HDPE), UV-stabilized.

CONSTRUCTION

Monofilament and tape knitted lock stitch construction producing a fabric that will not tear or fray if cut.

WARRANTY

10 year fabric warranty against UV degradation.

Actual canopy fabric and metal colors may vary from representations shown on these pages. Sample canopy fabric swatches and metal color chips are available upon request.



Shade Systems' protective padding is ideal for cushioning accidental bumps by young and old against our steel posts. Available in a variety of colors to match our standard powder-coat colors and sizes to fit all our structural posts, pads consist of exterior grade foam filler encased in high-gloss easy-to-clean flame-retardant vinyl. All pads are 6' high and fastened to posts with heavy-duty all weather plastic zippers.

Model Number	Post Size
P500	5″
P600	6"
P800	8″
P1000	10″



\$

Metal Powder-Coat Colors

ALPINE WHITE	LATTE TAN	BLUE STREAK	
JET BLACK	COFFEE BROWN	EVERGREEN	CRIMSON RED

All steel tubing components are manufactured with a bright and durable polyester powder-coated finish. Standard powder-coat colors are shown above, with many optional custom colors available upon request.

Actual canopy fabric and metal colors may vary from representations shown on these pages. Sample canopy fabric swatches and metal color chips are available upon request.

Specifications & Warranty



General: Shade Systems™ products are designed and manufactured to the most exacting specifications by skilled craftsmen, and certified by Professional Engineers for structural soundness of designs. All Shade Systems products are shipped knocked-down, with complete assembly instructions, and ready for easy in-field installation.

Material: All materials shall be structurally sound and appropriate for safe use. Product durability shall be ensured by the use of corrosion-resistant metals such as stainless steel, and coatings such as zinc-plating, galvanizing, and powder-coating on steel parts. Fabrics used shall be treated with UV-stabilizers for longevity, and flame retardants for safety.

Weldments: All tubing members are factory-welded by Certified Welders to American Welding Society (AWS) specifications and to the highest standards of quality workmanship. Weldments are finished with a zinc-rich galvanized coating. No field welding is required in the assembly of Shade Systems products. **Posts, Structural Frame Tubing, and Hardware:** All tubing used shall be cold-formed and milled per ASTM A-135 and ASTM A-500. Material testing is in accordance with ASTM E-8. Minimum yield is 40,000 psi with a minimum tensile strength of 45,000 psi on all posts. All tubing shall be pre-cut to appropriate lengths, and all outside surfaces shall be galvanized, with an interior corrosion-resistant zinc-rich coating. Where required, support pipes shall be schedule 40 powder-coated black steel. All fastening hardware shall be stainless steel.

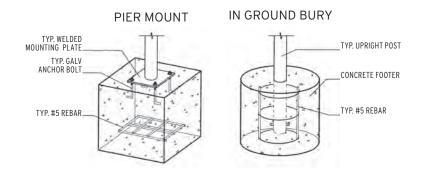
Polyester Powder Coating Process:

Where applicable, all powder-coated parts are completely cleaned and a hot zinc phosphate pretreatment with non-chromic sealer is applied. Powder-coating is then electrostatically applied and ovencured at 375 to 425 degrees Fahrenheit. Polyester powders shall meet or exceed ASTM standards for Adhesion, Hardness, Impact, Flexibility, Overbake Resistance, and Salt Spray Resistance. Colors shall be specified.



Footings shall be designed per stringent International Building Code (IBC) for the specific structure. Columns will be provided as standard direct embedment or optional pier mount (anchoring hardware not supplied by Shade Systems). Other footing methods are available upon request.

NOTE: Recommended footing dimensions vary by structure size, height, and local soil conditions. Rebar shown not included.



Roofing:

Structural frames are designed by Shade Systems for use only with CoolNet[™] polyethylene knitted shade fabric canopy. Canopy is attached to frame using vinyl covered minimum 1/4" diameter stainless steel cables, pre-cut to fixed lengths with ends looped at the factory and pre-inserted into canopy hems. A separate cable is provided for each side of the structure for precision tensioning and ease of installation. Cable fasteners are zincplated copper for maximum corrosion resistance. Continuous one-piece cables, cables which are not independent per side and pre-looped and clamped at the factory, and/or cables which must be tensioned with the use of turnbuckles, come alongs, or tools not provided by the manufacturer are not acceptable.

Engineering Data:

Structures are engineered to meet or exceed the International Building Code (IBC) and the following specifications:

Wind speed:	150 m.p.h.	(Frame only)
	90 m.p.h.	(Frame w/canopy)
Live Load:	None	
Snow Load:	None	

Above reflect standard engineering specifications, with optional higher wind speeds, live loads, and snow loads available upon request.

SPECIFICATIONS & WARRANTY



Turn-N-Slide[™] Easy Fastening System_↓

[U.S. Patent No. 6,814,094]: Each Shade Systems frame-supported product shall include the Turn-N-Slide™ easy fastening system at ALL rafter corners. This device consists of an adjustable sleeve with welded hook and concealed internal tensioning mechanism which makes attachment, removal, and re-attachment of the CoolNet[™] fabric canopy fast and easy. In case of inclement weather, winter snow, or other condition which necessitates removal and later reattachment of the CoolNet fabric canopy, the Turn-N-Slide is used to relax the cables holding the CoolNet fabric canopy in place, facilitating removal and storage of the canopy. When the canopy is re-attached to the Turn-N-Slide hooks via its cables, they are tensioned by turning the concealed fastening mechanism in the rafter. Access to the mechanism is restricted by use of a machined aluminum cap cover secured with stainless steel vandal-resistant hex-pinned hardware. A special vandal-resistant wrench is provided to the customer with each frame-supported product for accessing the Turn-N-Slide as well as an instructional video on DVD.

'Sails' Fastening System:

CoolNet shade fabric shall be delivered complete with fastening system pre-installed. Fastening system to consist of factory-formed stainless steel tensioning plates pre-attached to fabric canopies at each corner, and cables per the above hemmed into the fabric at the factory and terminating in the bracket. Posts shall be equipped with an adjustable 360-degree swivel and pivot attachment mechanism to which the tensioning plate fastens. Tensioning plate includes a stainless steel adjustment bolt which, when turned, tensions the fabric for a taut fit. Fabrics, cables, and brackets which are not preassembled at the factory are not acceptable. Cables which attach to posts with u-bolts or 'S' hooks, and which do not use a stainless steel bracketing system similar to the above are not acceptable.

CoolNet[™] Shade Fabric:

Knitted of monofilament and tape construction high density polyethylene with Ultra Violet (U.V.) stabilizers and flame retardant. UV-Block Factor varies by standard color offered from 91% to 99.1%.

Flammability:

CoolNet shade fabric is treated with fire retardants, and passes the requirements established under the NFPA 701 Test Method 2 test standards for flammability, <u>including</u> the accelerated water leaching protocol. Nominal Thickness: Fabric Mass: Light Fastness: Weather Fastness: Tear Resistance: Breaking Force: Bursting Pressure: Bursting Force: 0.057 inches Min 340 g/m2 7-8 (Blue Wool Scale) 4-5 (Grey Scale Test) Warp 210N / Weft 276N Warp 786N / Weft 2494N Mean 3500kPa Mean 2146N

All hems and seams are double row lock stitched using exterior grade UV-stabilized polyethylene GORETM TENARA[®] sewing thread (GORETM and TENARA[®] are trademarks of W. L. Gore & Associates).

Warranty Information:

Shade Systems, Inc. warrants that the equipment sold will conform in kind and quality to the specifications listed in the Order Acknowledgment and will be free of defects in workmanship or materials. Shade Systems further warrants:

Limited 20 Year Warranty, on all upright posts and support structure frames against failure due to rust-through corrosion.

Limited 10 Year Warranty: on all CoolNet[™] fabrics and stitching thread against degradation, cracking or material breakdown resulting from ultra-violet exposure, as well as on Turn-N-Slide fastening device. This warranty excludes failure of fabric or threads due to chemical erosion, and also excludes post pads.

Limited 1 Year Warranty, for failure of any other product or part not covered by one of the above warranties.

All above warranties commence on the date of the Seller's invoice. Please ask for a copy of our complete Limited Warranty for additional details, limitations, and other important warranty information, or go to www.shadesystemsinc.com.

Terms & Conditions:

Pricing: Prices do not include delivery and installation charges and are subject to change without notice.

Terms: To tax supported institutions and those with established credit, Net 30 days from date of invoice, 1.5% per month thereafter; freight charges are prepaid and added to invoice. To all others: payment in advance.

Taxes: Prices shown do not include any applicable taxes.

Delivery: Delivery of products is by common carrier, with truck unloading the responsibility of the customer. Should there be damages or shortages, notify carrier at once and sign the delivery receipt noting the damages or shortages. Should it be necessary, we offer the service of filing freight claims for customers. We will need the original freight bill showing the shortage or damage and the signature of the driver.



Due to continuous product development and improvement, Shade Systems reserves the right to change specifications contained herein at any time without notice.



See page 14 for more CANTILEVERS .*.



See page 24 for more MULTI-LEVELS



See page 26 for more SHADE KITES .*•



Shade Systems, Inc. 4150 S.W. 19th Street Ocala, Florida 34474

Toll Free: 1-800-609-6066 Local: 352-237-0135 Fax: 352-237-2256

Email: info@shadesystemsinc.com Web: www.shadesystemsinc.com

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See page 32 for more TORNADO® .*•

See page 6 for more MEGA SPANS



See page 29 for more SINGLE POST UMBRELLAS





BURKE FITNESS

BURKE FITNESS

Meet ELEVATE®, ACTIVATE® and INVIGORATE™, Burke's Outdoor Fitness Collections that combine physical fitness with time spent outdoors. The **ELEVATE Fitness Course, ACTIVATE Fitness Circuit** and **INVIGORATE Dynomic Fitness** products challenge your body in healthy ways and allow people with different fitness levels to work out in the same space as they advance their strength, agility and balance together.

HEALTHY COMMUNITY FUN!

Bring your community together with a fitness environment that engages participants, advances skills and provides healthy options for residents to get and stay fit! Developed by fitness professionals to maximize workouts and fun, Burke's new Outdoor Fitness Collection provides an alternative to screen time and offers the opportunity for family, friends and neighbors to get outside together and build a sense of healthy community.

DOWNLOAD THE APP!

LEVAT

ACTIVIT

LEVATE

Download the Burke Fitness app to watch instructional videos, explore our 360° virtual tours and log your workouts!

BURKE FITNESS

1



Take on ELEVATE, Burke's fitness course that brings together a series of challenging physical obstacles that an individual or team can utilize to build strength, mobility and endurance! With three levels of challenge and multiple use options, ELEVATE offers a positive exercise experience for beginners, intermediate and advanced fitness users to achieve results and have fun. Creating an intergenerational space where everyone can exercise together and enjoy a healthy dose of competition among friends, neighbors, and teammates is what ELEVATE does best. These spaces benefit everyone and provide a gathering place in a community, which is so important in the time of screens and over-scheduled lives!

Designed for ages 5-12 and 13+, ELEVATE can be used as part of an overall training plan or as a standalone way to spend time outdoors and gain the benefits of increased physical fitness. For even more challenge, add burpees, jumps or sprints. ELEVATE offers numerous options to personalize and intensify your workout!



Ba P DRS 10 YOUR ELEVATE FITNESS COURSE WITH BURKE TURH SEE DIS 2 DE DIS 2000

FIT-2628

 AGES
 5-12 and 13+

 CAPACITY
 33 users

 EVENTS
 11 obstacles

 ASTM USE ZONE
 51' x 80' (15.6m x 24.4m)

HSINIS

bciburke.com/fitness



Warning: ASTM F3101 and F1487 requires appropriate safety surfacing under fitness equipment. Contact your local Burke Representative for more information.

21/1373

Custom Turf design shown. Contact your local Burke Representative for more information.





FIT-2629	(shown above)
AGES	—— 5-12 and 13+
CAPACITY —	37 users
EVENTS	——————————————————————————————————————
ASTM USE ZC	N€ — 52' x 67' (15.9m x 20.5m)

FIT-2630 (shown below)

AGES	5-10 and 13
nocs	J-12 driu 13+
	99 users
EVENTS	10 obstacles
	(77) = 742 (14 + 4m) = 00 (m)
HOIM USE ZONE -	47' x 74' (14.4m x 22.6m)







FIT-2631 (shown above)

AGES	—— 5-12 and 13+
CAPACITY —	24 users
EVENTS	— 7 obstacles
ASTM USE ZO	N€ — 35' x 78' (10.7m x 23.8m)

FIT-2632 (shown below)

AGES	5-12 and 13+
CAPACITY	24 users
EVENTS	7 obstacles
ASTM USE ZONE —	32' x 78' (9.8m x 23.8m)



Warning: ASTM F3101 and F1487 requires appropriate safety surfacing under fitness equipment. Contact your local Burke Representative for more information.



 FIT-2633 (shown above)

 AGES
 5-12 and 13+

 CAPACITY
 25 users

 EVENTS
 7 obstacles

 ASTM USE ZONE
 37' x 80' (11.3m x 24.4m)

FIT-2769 (show	n below)
AGES	5-12 and 13+
CAPACITY	6 users
EVENTS	4 obstacles
ASTM USE ZONE -	17' x 85' (5.2m x 26m)







 FIT-2770 (shown above)

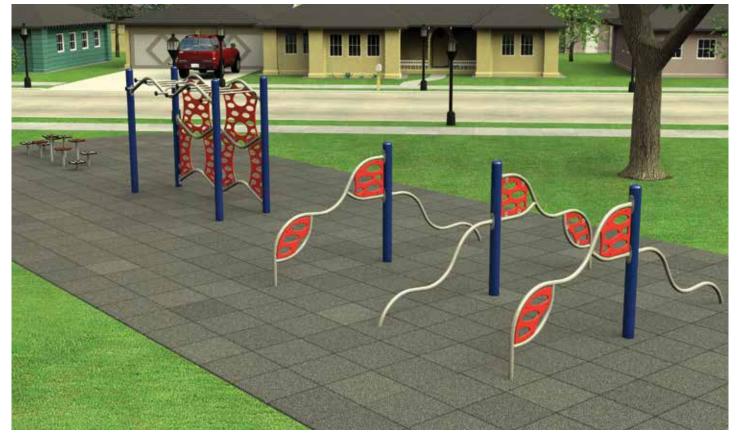
 RGES
 5-12 and 13+

 CAPACITY
 18 users

EVENTS 4 obstacles **ASTM USE ZONE** 25' x 84' (7.7m x 25.6m)

FIT-2771 (shown below)

AGES	5-12 and 13+
CAPACITY ———	19 users
EVENTS	3 obstacles
ASTM USE ZONE —	25' x 66' (7.7m x 20.2m)





1. FROG HOP

Competitors must keep their balance as they run across four pods that swing when you step on them!

2. MIGHTY MIGHT - Up and over quickly is the ultimate goal. Hop, step or jump over this obstacle.

3. JUNGLE PIPELINE - Anything goes as you cross the Jungle Pipeline! Swing through or use your shoulders to support you while balancing on your hands and working your way across.

4. DOOR KNOB JAM - Upper body and core are king and queen here! There are so many ways to rock out this event, traverse the side, cross the bars or use the "door knobs" for even more of a challenge!

5. SUMMIT BRIDGE - Using the rope, or not if you are an expert, climb up the summit and cross the bridge. Use your speed and balance to get up, over and across this challenge.





1. OVER UNDER -

This event is open to interpretation! Go over the first, under the second and back over the third! Or, for a greater challenge, jump over two and army crawl under one and do five burpees before you hit the obstacle! Fifteen burpees...who wouldn't love this?

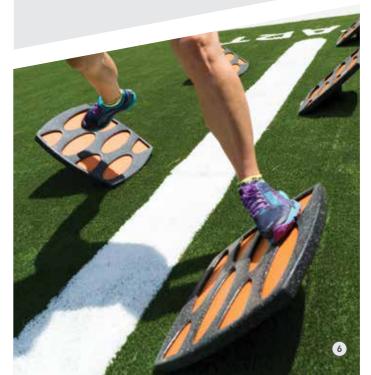
2. TWINKLE TOES - Don't touch the ropes and go as fast as you can. Easier said than done! For an advanced workout, run quickly side to side skipping every other square.

3. MIGHTY MAX - Up and over this obstacle quickly is the ultimate goal. Don't be fooled, this tall rope event is more challenging than it looks.

4. WALL CLINGER - Save the best for last with the Wall Clinger! Here users can get a full body workout by using this event in a variety of ways from sideways traversing while standing on one wall to traversing the space between the two parallel walls without touching the ground.

5. BLOCK UP - These plyo blocks present all sorts of challenges and options for use! Move quickly from block to block or "box jump" up and down. Work on explosive leg strength and power on this event!

6. LAVA LEAP - Leap from one pod to another on one or both feet without ever touching the ground. Improve balance, coordination, agility and strength.





ACTIVATE Fitness Circuit offers the benefits of muscle building and toning with body weight exercises and a cardio workout that can be tailored to a variety of fitness levels. ACTIVATE is designed for ages 13+ and can be arranged in a traditional circuit format, along a trail or any combination of the two to accommodate user and site needs. The options for creativity are limitless and exercises can be frequently changed to alter your exercise routine and keep improving your fitness. ACTIVATE your body with Burke's all new way to get and stay fit!







PLACE ACTIVATE FITNESS CIRCUIT STATIONS ALONG A TRAIL! CONTACT YOUR LOCAL BURKE REPRESENTATIVE FOR MORE INFORMATION.





 FIT-2677
 AGES
 13+
 EVENTS
 9 events

 CAPACITY
 11 users
 ASTM USE ZONE
 40' x 38' (12.2m x 11.6m)

Warning: ASTM F3101 requires appropriate safety surfacing under fitness equipment. Contact your local Burke Representative for more information.



 FIT-2676
 AGES ______13+ (APACITY ______11 users
 EVENTS ______10 events ASTM USE ZONE ____45' x 32' (13.8m x 9.8m)







Warning: ASTM F3101 requires appropriate safety surfacing under fitness equipment. Contact your local Burke Representative for more information.

11 users

ASTM USE ZONE — 41' x 30' (12.5m x 9.2m)

CAPACITY -



3



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1. PARALLEL BARS - Exercise your core and upper body while working on shoulder and core stability. Muscle Groups: Biceps, Triceps, Core, Latissimus Dorsi, Deltoids, Pectoralis

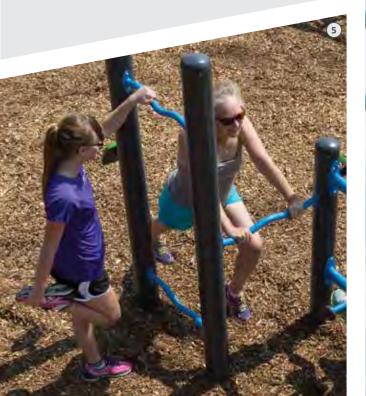
2. PULL-UP - Engage your upper body and core with these pull-up variations. **Muscle Groups:** Biceps, Triceps, Core , Latissimus Dorsi, Deltoids, Pectoralis

3. CARGO CLIMBER - Climb up and over for leg strength development and improved coordination. Muscle Groups: Core, Quadriceps, Hamstrings

4. PUSH-UP - Build your upper body strength with multiple challenge levels on this timeless and effective exercise. **Muscle Groups:** Biceps, Triceps, Core , Latissimus Dorsi, Deltoids, Pectoralis

5. STRETCH STATION - Stretch all your muscles before and after your workout.

6. ARMS N' BACK - Pick your path and work your arm and back muscles on this twist on the traditional monkey bars. **Muscle Groups:** Forearms, Latissimus Dorsi, Deltoids (Shoulder Muscles), Biceps, Abdominal



6

1. PLYO BLOCKS - Jump or step to build muscle & dynamic leg strength. **Muscle Groups:** Glutes, Quadriceps, Hamstrings, Calves, Hip Flexors

2. PIPE CLIMBER - Climb up and over for leg strength development and improved coordination. Muscle Groups: Core, Quadriceps, Hamstrings

2

Button

3. SIT-UP - Work your core with a variety of exercises at this station. Muscle Groups: Abdominal, Obliques

4. LIFT N' ROW - Work important muscle groups and tone arms, core and back Muscle Groups: Lift - Triceps, Obliques, Abdominals Row - Latissimus Dorsi, Rhomboids, Biceps, Core

5. BALANCE CHALLENGE - Develops lower body & core muscles and enhances balance & coordination. **Muscle Groups:** Core, Quadriceps, Hamstrings, Calves



BURKE TURF®

Burke Turf ELEVATES the fitness experience by offering a clean, even surface from which to launch your best workout. With the beautiful look and comfortable feel of real grass, it pairs perfectly with both the ELEVATE Fitness Course and ACTIVATE Fitness Circuit. ELEVATE Turf provides optional directional arrows and start/finish line. Add a 25 yard dash for extra competition and complete your Course. Work your entire body and have fun with the combination of Burke Fitness and Burke Turf! Contact your local Burke Representative for more information.





Invigorate Dynamic Fitness brings exercise outdoors and makes it more fun, more social and more invigorating! Add one or all four of these new Burke Fitness pieces to your outdoor fitness space and see how the option to exercise outside changes your community. Invigorate Dynamic Fitness can stand alone or be paired with ACTIVATE Fitness Circuit along a trail or in an outdoor gym. Add in ELEVATE Fitness Course to round out the fitness offerings and create a multigenerational space where everyone can get and stay moving together!

> PLACE INVIGORATE DYNAMIC FITNESS EVENTS WITH ACTIVATE FITNESS CIRCUIT STATIONS ALONG A TRAIL! CONTACT YOUR LOCAL BURKE REPRESENTATIVE FOR MORE INFORMATION.









1. STRIDER -

Place feet on the pedals and move back and forth in a walking motion. Muscle Groups - Quads, Hamstrings, Calves & Glutes

2. ELLIPTICAL - Place feet on the foot pads and move in a circular motion while moving arms back and fourth. Muscle Groups: Glutes, Quadriceps, Hamstrings, Calves, Triceps, Biceps & Pectoral Muscles

3. CHEST PRESS - Arms are pushed away from the chest and returned to starting position. Place hands on hand grips and push away from chest. Muscle Groups: Pectoral, Biceps & Triceps

4. RECUMBENT BIKE - Place feet on the pedals and make a circular motion when pedaling. Muscle Groups: Quads, Hamstrings & Glutes.

BURKE BUILT® QUALITY

Burke's fitness products are handcrafted by artisans in our Fond du Lac, WI USA facility using the highest quality materials. From high density polyethylene plastics to premium powder coatings, quality and longevity are of the utmost importance to us. Your local Burke Representative is available to assist you with installation and maintenance so your ELEVATE Fitness Course, ACTIVATE Fitness Circuit or INVIGORATE Dynamic Fitness pieces can keep everyone moving for years to come!



INSTRUCTIONAL SIGNAGE

Burke fitness signage provides important information ranging from age appropriateness to hours of operation and fitness instruction to course layout. Proper signage throughout your fitness space will provide critical direction and increase comfort for all users.



Each ELEVATE Fitness Course sign shows a top view of the course and the information you need to find a virtual tour and exercise videos in the Burke Fitness App.



Every ACTIVATE and INVIGORATE event includes a sign showing exercises to perform on that piece of equipment and the information to find instructional videos in the Burke Fitness App.

bciburke.com/fitness



BURKE FITNESS APP

Enhance your Burke Fitness experience with our Burke Fitness app! It provides users with instructional videos for every fitness level, 360° virtual tours and images of each component. The app also offers an opportunity to log your workouts, time yourself and work towards your goals!

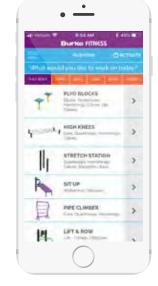
Share in the fun and download the **FREE** Burke Fitness app for your iOS or Android device from the Apple App Store or the Google Play Store.



View a virtual tour of your ELEVATE Fitness Course, watch instructional videos, time yourself and share with your friends.



Instructional ELEVATE videos customized to your specific course offer Beginner, Intermediate and Advanced options for each component.



Customize your ACTIVATE workout based on the muscle groups you would like to work on and find instructional videos for every fitness level.

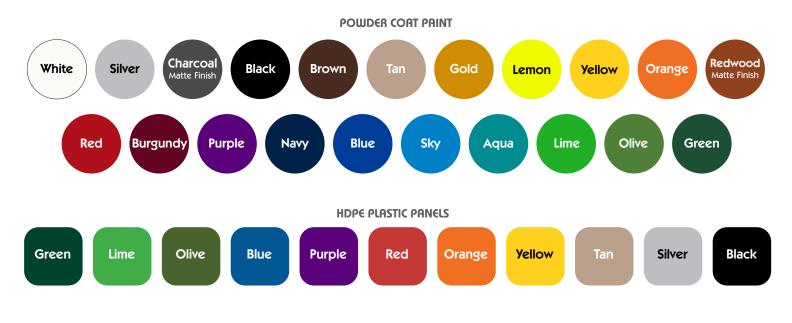


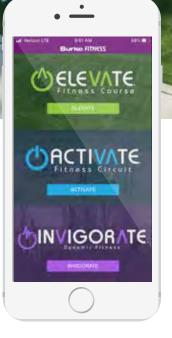
Choose the number of sets, reps and rest time to meet your ACTIVATE and INVIGORATE workout goals and log your activity.





COLOR SELECTION





Chara Bar

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Burke AIINESS

DOWNLOAD THE BURKE FITNESS APP TO WATCH INSTRUCTIONAL VIDEOS, EXPLORE OUR 360° VIRTUAL TOURS AND LOG YOUR WORKOUTS!





BCI Burke Company P.O. Box 549 • Fond du Lac, WI 54936-0549 USA 800-266-1250 • 920-921-9220 • **bciburke.com**

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BCI Burke Company, LLC

PO Box 549 Fond du Lac, WI 54936-0549 USA 1-800-266-1250 www.bciburke.com/burketurf

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specifications apply to this section.

1.2 REFERENCES

- A. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.
- B. ASTM F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment.
- C. Passes the Federal Flammability Standard DOC FF 1-70

1.3 SYSTEM DESCRIPTION

- A. Provide all labor, materials, equipment, and tools necessary for the complete installation of synthetic grass safety surface. The system shall consist of, but not necessarily be limited to, the following:
 - 1. Synthetic grass consisting of fibers that are nominal 1 ³/₄". Turf fiber construction consisting of polyethylene monofilament and texturized thatch fibers tufted to a 2-layer stabilized woven polypropylene fabric (primary backing), with a secondary backing (stitch binder) of urethane or Duraflo. (Burke TurfTM synthetic turf or equivalent).
 - 2. Pad underlayment system consisting of porous closed cell composite materials. Thickness and density of panels shall be sufficient so that system meets the fall height requirements. Burke Turf[™] Pad or equivalent.
 - 3. Synthetic Grass Infill, consisting of anti-microbial acrylic coated round silica particles, designed to provide the look, feel, and performance of optimally maintained natural grass. Burke Turf[™] Infill or equivalent.
- B. Performance Requirements: Burke TurfTM has been designed and manufactured, and will be installed to meet the following criteria:
 - 1. Shock Attenuation (ASTM F1292):
 - a. Gmax: Less than 200
 - b. Head Injury Criteria: Less than 1000

- 2. Flammability (ASTM D2859): Pass
- 3. Water Permeability: 130.32gal/min/sq yd
- 4. Accessibility: Comply with requirements of ASTM F1951
- C. Work included in this Section includes grading necessary to shape and drain the area and base preparation and installation of the synthetic grass in areas shown on Drawings.

1.4 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Submittal Procedures Section.
- B. Product Data: Submit manufacturer's product data and installation instructions.
- C. Verification Samples: Submit manufacturer's standard verification samples of 6" x 9" minimum.
- D. Quality Assurance/Control Submittals: Submit the following:
 - 1. Certificate of qualifications of the playground surfacing installer.
- E. Closeout Submittals: Submit the following:
 - 1. Warranty documents specified herein.

1.5 QUALITY ASSURANCE

- A. Qualifications: Utilize an installer approved and trained by the manufacturer of the playground surfacing system, having experience with other projects of the scope and scale of the work described in this section.
- B. Certifications: Certification by manufacturer that installer is an approved applicator of the playground surfacing system.

1.6 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Product Requirement Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at a minimum temperature of 40 degrees F (4 degrees C) and a maximum temperature of 90 degrees F (32 degrees C).

1.7 PROJECT/SITE CONDITIONS

 A. Environmental Requirements: Install surfacing system when minimum ambient temperature is 40 degrees F (1 degree C) and maximum ambient temperature is 90 degrees F (32 degrees C). Do not install in steady or heavy rain.

1.8 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Refer to PART 4 WARRANTY

PART 2 – PRODUCTS

2.1 SYNTHETIC GRASS SAFETY SURFACE

- A. Aggregate Base Crushed angular hard stone, ³/₄"minus compactable stone (not clean). (Refer to Section 3.2-B)
- C. Synthetic grass: 1 1/2 or 2 1/8 inch Burke Turf[™] from BCI Burke Company, LLC, PO Box 549: Fond du Lac, WI 54936-0549 : Phone (800) 266-1250 or approved equal a. Face Weight:
 - 1. Burke Turf[™] Elite 53 oz/sy
 - 2. Burke Turf™ Elite Plus 60 oz/sy
 - 3. Burke TurfTM Elevate Course 70° oz/sy
 - 4. Burke Turf[™] Luxury pro 80 oz/sy
 - b. Face Yarn Type: Polyethylene
 - c. Yarn Size:
 - 1. Burke TurfTM Elite 10800/7300
 - 2. Burke Turf[™] Elite Plus 10800/7000
 - 3. Burke TurfTM Elevate Course 10800/7000
 - 4. Burke TurfTM Luxury Pro 10800/7300
 - d. Pile Height:
 - 1. Burke TurfTM Elite 1.5 inches
 - 2. Burke Turf[™] Elite Plus 1.5 inches
 - 3. Burke Turf[™] Elevate Course 1.125 inches
 - 4. Burke Turf[™] Luxury Pro 2.125 inches
 - e. Color: Spring Green Blend; Thatch: Green for Elite, Elevate; Tan for Elite Plus, Luxury Pro
 - f. Construction: Broadloom tufted
 - g. Stitch Rate 8 per 3 inches
 - h. Tufting Gauge: 1/4" for Elite, Elite Plus and Elevate; 3/8" for Luxury Pro
 - i. Primary Backing: Stabilized woven Polypropylene (double thickness) 7.1 oz/sy
 - j. Secondary Backing Elevate Course: Urethane 20 oz./sy
 - k. Secondary Backing Elite, Elite Plus and Luxury Pro: DuraFlo 10.0 oz/sy
 - 1. Total Product Weight
 - 1. Burke Turf[™] Elite 72.7 oz/sy
 - 2. Burke TurfTM Elite Plus 79.8 oz/sy
 - 3. Burke TurfTM Elevate Course 91.1 oz/sy
 - 4. Burke Turf[™] Luxury Pro 99.8 oz/sy
 - m. Finished Roll Width 180" untrimmed
- C. Pad Underlayment System: Burke TurfTM Pad Standard recycled, non contaminated, Post

industrial cross-link, closed cell Polyethylene – polyolefin foam pad from BCI Burke Company, LLC.

Pad Underlayment System:

- a. Foam Type: Polyethylene polyolefin
- b. Bulk Density: 5.0-8.0 lb/cu ft
- c. Effective Size 24 sq ft (net coverage)
- d. Tensile Strength 34 36 psi
- D. Synthetic Grass Infill : Burke Turf[™] infill from BCI Burke Company, LLC or approved equal Coating: Priority acrylic, iron oxide and chromium oxide
 - a. Grain shape: Hardness: 6-8 Mohs
 - b. Curvature: 0.7+
 - c. Specific Gravity: 1.76 g/cm3
 - d. Bulk Density: 110 lb/cu ft
 - e. Uniform coefficient 1.10 to 1.40
 - f. Effective Size .84 1.68 mm
 - g. Blend rate of 3 1/2 lb per square foot.
- E. Splicing Material: 1000 denier coated nylon (Cordura®) 12" wide minimum.
- F. Adhesive: Synthetic Turf Adhesive (from BCI Burke Company, LLC)

PART 3 – EXECUTION

3.1 GROUND PREPARATION

- A. General: The ground area to receive synthetic grass safety surface is indicated on the Drawings.
- B. Leveling and Site Preparation: All organic material and organic debris to be removed. Soil to be graded level and stabilized (compacted). Compaction shall be done with mechanical compactors, including vibratory compactors, and/or powered tampers, and rollers.

3.2 BASE AND SYNTHETIC GRASS CONSTRUCTION

- A. General: The area to be smooth and graded to allow proper drainage. The overall grade of the playground is not to exceed 3%.
- B. Compacted Aggregate Base: Place 4 inches of aggregate base as leveling layer compacted to 90% of max density per AASHTO T99. Compaction shall be done with mechanical compactors, including vibratory compactors, and/or powered tampers, and rollers. Aggregate size should be ³/₄" minus (compactable).
- C. Synthetic Grass: Place turf and cut to fit configuration as shown on Drawings. Splice seams. All seams must be attached with splicing film/fabric and adhesive as approved by the manufacturer for this type of installation of their product.

- D. Infill: Apply layers of synthetic grass infill evenly with a spreader and broom the turf fibers with stiff bristle broom to stand fibers up and allow infill to settle into the bottom. Broom in Burke Turf[™] infill approximately 3 1/2 pounds per square foot.
- E. Anchoring/Edging: Edges of turf will be secured to ground with mechanical fasteners, stakes or edging.

PART 4 - WARRANTY

4.1 WARRANTY

- A. BCI Burke Company, LLC offers a 10 year limited product warranty on Burke Turf from the date of purchase. The product shall be free from defects in material and workmanship resulting in premature wear or color loss. For more warranty information contact your Burke representative at 1-800-266-1250.
- B. Supplier's warranty excludes: any Product defect, damage or failure that is the direct result of Product abuse, misuse or negligent maintenance; and Product damage caused directly or indirectly by acts of third parties, including, without limitation, negligence of owner/operator, vandalism, machinery, animals, flood, chemical reaction, improper subsurface preparation and/or installation, improper cleaning methods, and acts of God.



FLEXGROUND FALL HEIGHT CHART

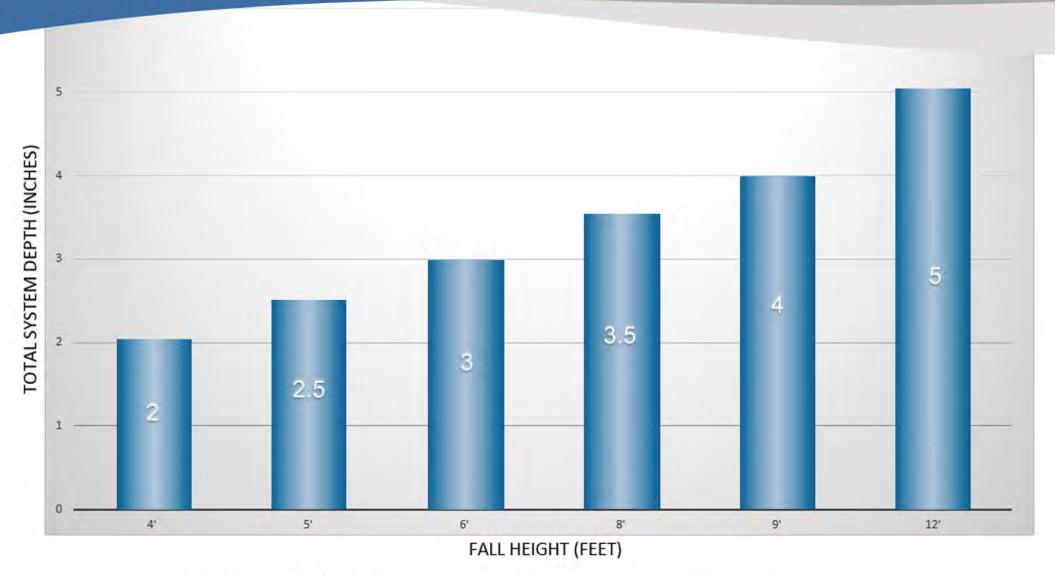


CHART REPRESENTS THE TOTAL (SBR CUSHION & TPV WEAR COURSE) SYSTEM DEPTH EXAMPLE: 2.0" SYSTEM CONSISTS OF 1.5" CUSHION LAYER AND 1/2" TPV WEAR COURSE

www.flexground.com

info@flexground.com

602.954.0000



ENDURAFLEX FALL HEIGHT CHART

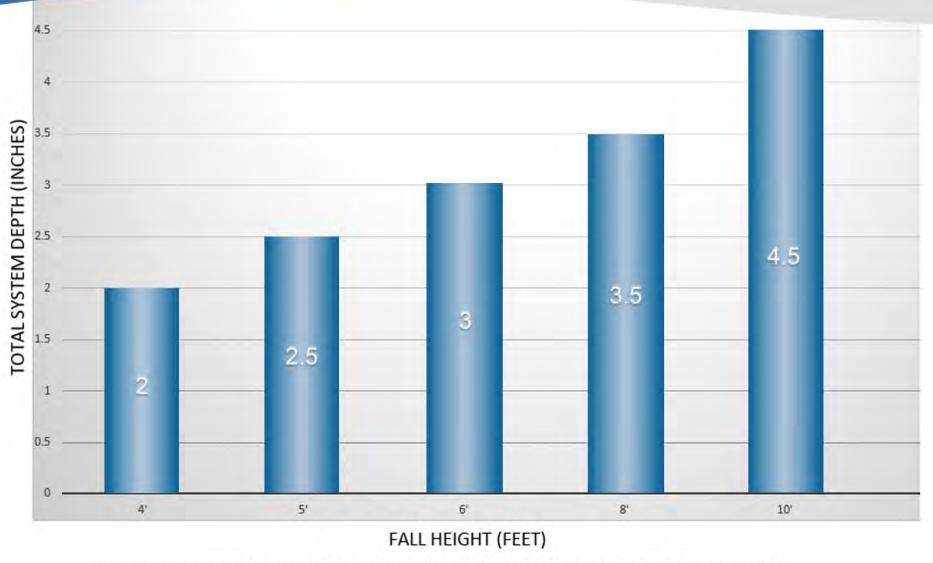


CHART REPRESENTS THE TOTAL (SBR CUSHION & TPV WEAR COURSE) SYSTEM DEPTH

EXAMPLE: 2.0" SYSTEM CONSISTS OF 1.5" CUSHION LAYER AND 1/2" TPV WEAR COURSE

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ULTRAFLEX FALL HEIGHT CHART

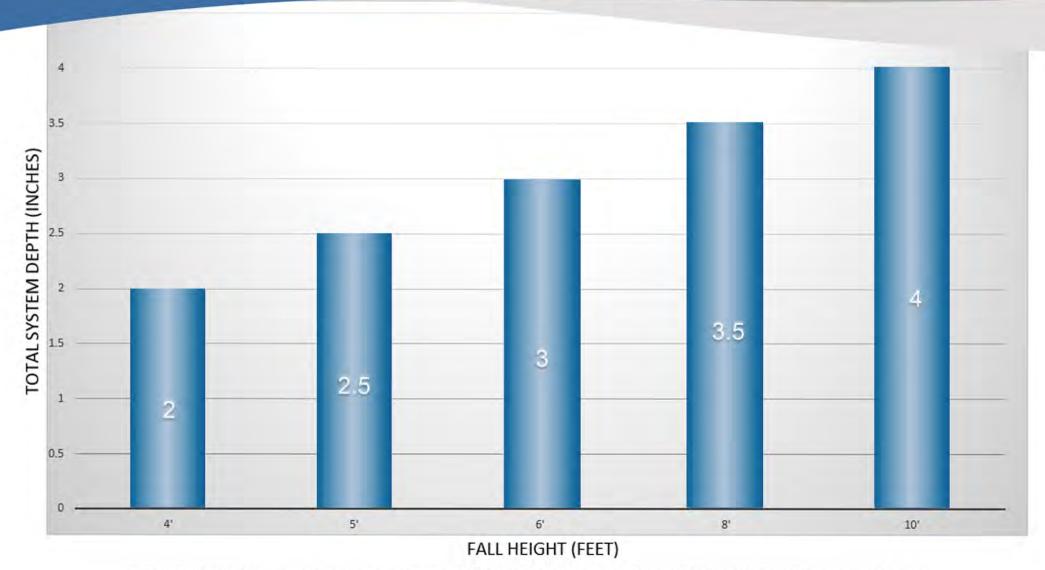


CHART REPRESENTS THE TOTAL (CUSHION & TPV WEAR COURSE) SYSTEM DEPTH

EXAMPLE: 2.0" SYSTEM CONSISTS OF 1.5" CUSHION LAYER AND 1/2" TPV WEAR COURSE

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BURKE TURF® SAFETY SURFACING



THE ULTIMATE PLAY SURFACE

Burke Turf

Burke Turf Backing

Burke Turf Infill Burke Turf Pad

Burke Turf is the perfect surfacing option for your Burke playground. We combine rugged durability with remarkable softness and beauty, with 100% polyethylene fibers and a thatch layer to simulate natural grass. It's 100% recyclable and has the look of a fine blade fescue or bluegrass lawn and thanks to the latest turf technology, it's tough enough for high-use sports and playground areas as well. In short, it's the perfect green surfacing option for any playground!

Burke Turf's beauty is far more than skin deep. Below the surface you'll find a soft infill that is completely anti-microbial, to provide a lasting, healthy play environment. A shock and drainage pad provides shock absorption and impact protection from falls - the most common source of serious playground injuries. Burke Turf conforms to the latest CPSC, ASTM and ADAAG standards for impact attenuation and accessibility.

Offered in four levels of face weight, Burke Turf will suit all your surfacing needs: Burke Turf Elite, Burke Turf Elite Plus, Burke Turf Pro and Burke Turf Luxury Pro. BCI Burke offers a 10-year limited product warranty on Burke Turf from the date of purchase. Contact your Burke Representative at 800.266.1250 for more information.

Burke Turf is a unique blend of polyethylene monofilament fibers that simulate a fine blade fescue or bluegrass. This combination of fibers gives the turf it's soft plush, carpet-like feel We offer a variety of styles.

• More sanitary than sand, pea gravel, mulch or shredded tire products

- Low maintenance
- System is anti-microbial and not subject to bacteria
- No allergic reactions caused by grass
- Protection from harmful buried debris, muddy conditions, cuts and scrapes
- Fast-drying: Children can resume play minutes after it rains
- 100% recyclable material
- Only produced with American made yarn and components
- Impact attenuation up to 12 feet
- ADA Compliant

Burke Turf Backing is traditional urethane with Eco-friendly options featuring Duraflo backing.

- All polyolefin backing system that is 100% recyclable
- Permeable: More than twice as permeable as traditional urethane and far less likely to clog than hole-punched products
- Dimensionally stable: Polyolefins absorb no moisture, preventing expansion and contraction
- Soft & pliable: Forms to the contours of the land without producing wrinkles

BCIBURKE.COM

Burke Turf Infill is an anti-microbial, non-flammable, non-toxic product that remains up to 20% cooler than other infill materials. The rounded uniform acrylic-coated infill resists compaction, helping to create a long lasting comfortable playing surface.

- Inhibits the growth of bacteria, fungus and staph due to the microban solution in the coating
- Allows cleaning with power washing, blowing and vacuum
- Will not deteriorate
- Will not absorb moisture
- Recyclable and reusable
- Non-toxic
- No heavy metals
- Non-flammable

The Shock Absorbing Pad is a 100% recyclable turf pad helps to provide shock and impact absorption from falls.

- 100% recycled material
- Allows for more timely project turnaround due to ease of installation
- Enhanced impact absorption
- Reduces need for substantial excavation
- Eliminates the need for costly rubber buffings
- Creates a clean level surface to lay turf on



800.266.1250

BURKE TURF® SAFETY SURFACING

BURKE TURF ELITE 070-2253 (Infill)

Fiber Type:	100% Polyethylene Omega, S	
Thatch:	Green texturized polyethylene	
Fiber Mass:	10,800 / 7,300 denier	
Pile Height:	1.5 inches	
Face Weight:	53 oz. / square yard	
Roll Width:	15 feet	
Color:	Summer Blend	
Primary Backing:	Multi-layered woven polypropylene	
Secondary Backing:	Duraflo	
Warranty:	10 year / U.V.	
Suggested Use:	Playground, Field, Lawn, Landscape	



BURKE TURF ELITE PLUS 070-2260 (Infill)

Fiber Type:	100% Polyethylene S
Thatch:	Tan texturized polyethylene
Fiber Mass:	10,800 / 5,000 denier
Pile Height:	1.5 inches
Face Weight:	60 oz. / square yard
Roll Width:	15 feet
Color:	Blend
Primary Backing:	Multi-layered woven polypropylene
Secondary Backing:	Duraflo
Warranty:	10 year / U.V.
Suggested Use:	Playground, Field, Lawn, Landscape

BURKE TURF PRO 070-2300 (Limited Infill)

Fiber Type:	100% Polyethylene 3D X
Thatch:	Tan
Fiber Mass:	10,800 / 5,000 denier
Pile Height:	1.7 inches
Face Weight:	70 oz. / square yard
Roll Width:	15 feet
Color:	Spring Green
Primary Backing:	Multi-layered woven polypropylene
Secondary Backing:	Duraflo
Warranty:	10 year / U.V.
Suggested Use:	Playground, Field, Lawn, Landscape

BURKE TURF LUXURY PRO 070-2281 (Limited Infill)

Fiber Type:	100% Polyethylene S
Thatch:	Tan texturized polyethylene
Fiber Mass:	10,800 / 5,000 denier
Pile Height:	2.125 inches
Face Weight:	80 oz. / square yard
Roll Width:	15 feet
Color:	Blend
Primary Backing:	Multi-layered woven polypropylene
Secondary Backing:	Duraflo
Warranty:	10 year / U.V.
Suggested Use:	Playground, Field, Lawn, Landscape





IPEMA - BCI Burke Company, LLC, is a member in good standing of IPEMA, the International Play Equipment Manufacturers Association. IPEMA is a member- driven international trade organization which represents and promotes an open market for manufacturers of play equipment and surfacing.

In the interest of playground safety, the International Play Equipment Manufacturers Association (IPEMA) provides a Third Party Certification Service whereby a designated independent laboratory, TÜV SÜD America Inc., (TÜV), validates a surfacing manufacturer's certification of conformance to ASTM F1292, Standard Specification for Impact Attenuation Under and Around Playground Equipment, and for an engineered wood fiber manufacturer is certification of conformance, also to ASTM F1295, Standard Specification for Engineered Wood Fiber for use as a Playground Safety Surface Under and Around Playground Equipment, Section 4.4, for testing Sieve Analysis and Section 4.6, for testing the presence of Tramp Metal. The use corresponding logo in Burke's sales fiyer signifies that Burke has received written validation from the independent laboratory that the product(s) associated with the use of the logo conforms to the requirements of the indicated standard.

Check IPEMA website www.ipema.org to confirm product validation, its thickness and critical height.

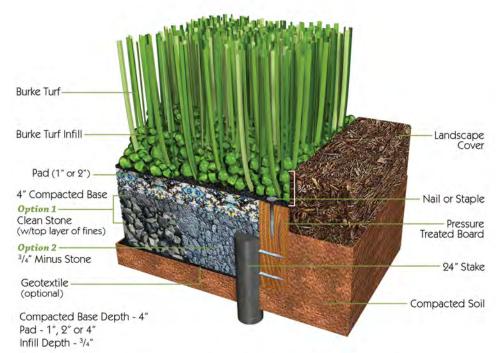
BCIBURKE.COM







BURKE TURF® SAFETY SURFACING

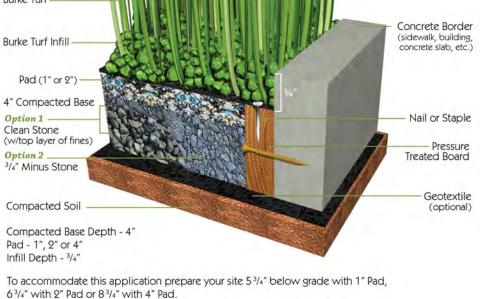


Burke Turf Installed without Concrete Border

To accommodate this application prepare your site $5^{3/4"}$ below grade with 1" Pad, $6^{3/4"}$ with 2" Pad or $8^{3/4"}$ with 4" Pad.

Burke Turf _____ Concrete

Burke Turf Installed with Concrete Border







waterplay®

PRODUCT CATALOGUE

CEDRIC ARCHER PARK ROCKHAMPTON | AUSTRALIA municipal park

"If there is **magic** in this planet it is contained in water."

> Loren Eiseley American anthropologist (1907-1977)

and the





connecting the world through play.

The joy of play brings people and neighbourhoods together and makes the planet more livable and socially just. Be a part of the movement toward a healthier, happier, global community by unleashing the exhilarating potential of aquatic play for developing minds, thrill seekers, budding explorers and the young at heart.



"Play is our brain's **favorite** way of learning."

> Diane Ackerman Contemporary American author

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Visit www.waterplay.com for detailed product information.

EXPERIENCE THE DIFFERENCE

Your project deserves the best. With over 30 years of experience, Waterplay has helped shape thousands of aquatic play spaces around the world. Our design theory is strict, our quality is unmatched and our products create treasured play spaces that stand the test of time.

SUPERIOR QUALITY

Waterplay strives to deliver the highest standards in the industry through the products that we offer, the people we employ, the in-house procedures we put in place and the partners and suppliers we work with.

OUR CARE VALUES

A belief that every task we undertake deserves the utmost Commitment, is approached with the Attitude that anything is possible, is fueled by teamwork based on mutual Respect and promotes an environment of Equality and collaboration.

EXPERT TEAMS

Our Waterplayers will guide you through the design process and beyond. Our team of experts is comprised of research and design specialists, engineers, in-house manufacturing and logistics, sales and marketing support, on-site service and training, as well as project support specialists.

ACCOUNTABILITY

As a community-minded company, we know safety is paramount when it comes to the people we love. At Waterplay, we value the confidence you place in us and stand behind all of our products, from concept to completion and beyond.

We call this **#theWaterplayDifference**

OUR PURPOSE IS TO CREATE A GLOBAL COMMUNITY CONNECTED THROUGH PLAY AND SOCIAL EXPERIENCES.

"When children's sense of curiosity is stimulated through water play, they are building the **scientific and mathematical** building blocks required for later academic skills."

Dr. Beverlie Dietze Director of Learning and Teaching, Okanagan College

6

WHERE WE PLAY

AQUATIC SOLUTIONS FOR ANY LOCATION:

MUNICIPALITIES

PARKS URBAN AREAS community pools wading pools PUBLIC SPACES



COMMERCIAL

water parks

HOLIDAY PARKS

AQUATIC FACILITIES

housing developments

HOTELS & RESORTS

entertainment centres SHOPPING CENTRES

Visit www.<mark>waterplay</mark>.com for detailed product information.

PROVEN DESIGN PHILOSOPHY

Celebrated play spaces have something in common: exceptional products. From their unique functions, materials and technologies to the social experiences they nurture, Waterplay's products bring leading design philosophies to your project.

EXPERIENCE

The true value of play comes from the experiences we have. When play is fun, fresh and exciting for a child, learning flows naturally. Waterplay products focus on collaboration, physical movement, scientific inquiry, make believe and challenging play, supporting the unique development stages of every waterplayer.

SUSTAINABILITY

Our non-toxic materials and coatings ensure safety for waterplayers and the environment. We are committed to designing products with low flow rates and optimized water use through activation, sequencing and water management best practices.

INCLUSION

Our products are designed for maximum participation. Using universal design principles, ADA and ASTM safety standards, our products create rewarding play experiences for all ages and abilities.

8











PLAY SHOULD BE FREE...

Developing minds and bodies need freedom to test their abilities. Based on the philosophies of unstructured, free play we recommend creating spaces that aren't limited by age or physical ability, but instead thoughtfully created to allow waterplayers to **choose their own adventures and distinguish their own boundaries**.

Waterplay's three action zones were defined to inspire, embolden and energize waterplayers around the world through environments that foster specific styles of play.

ADVENTURE ZONE

Big water effects and continuous action energize the senses and creates excitement

BIG SPLASHES AND NON-STOP ACTIVITY! THE ADVENTURE ZONE IS FULL OF ENERGY AND EXCITEMENT!

Fast pace encourages quickthinking and promotes physical movement

Centrally placed and ready for action

EXPLORATION ZONE

SPRAY, DUMP, SPLASH, TEAM UP AND TAKE ON CHALLENGES -THIS UNIVERSAL SPACE INVITES COLLECTIVE FUN!

Play elements and water effects that spark inquiry and encourage physical movement Multiple opportunities for collaboration and interactive play

Provides a stepping stone between the discovery and adventure areas for a seamless play experience

DISCOVERY ZONE

A SPACE FOR THOUGHTFUL AND CONTEMPLATIVE PLAY THAT MOVES AT A MINDFUL PACE.

Gentle water effects for reduced stimulation

10

Cognitive play opportunities facilitate deep learning and flexible thinking for individual and group play Situated along the outside perimeter and away from the adventure zone for a relaxed play experience

DESIGNING FOR OPPORTUNITIES & POSSIBILITIES

overgi-

P

DESIGNING PLAY WITH UNLIMITED POTENTIAL

Design for the future with a sleek, flush-to-grade anchoring system.

Don't limit the possibilities of your next aquatic play project. Phase your installation, switch out spray features or plan for future expansions with **playPHASE**[™], a flush-to-grade anchoring system exclusive to Waterplay® Solutions.



Waterplay's universal playPHASE[™] base is compatible with geyser sprays (low, medium and high), a winter cap and freestanding play features.

PLAYPHASE" CAP





Prepare your project site before the spray features arrive.



Compatible with any Waterplay aquatic feature.



Flush-to-grade design safely conceals hardware.



playPHASE[™] geysers works with low, medium and high flow rates.



Sleek and seamless for a flawless play space.

Do you have playPHASE™ bases already installed? Contact our sales team for an evaluation and recommendation for your next Waterplay feature!



No toe guards or dome covers required.

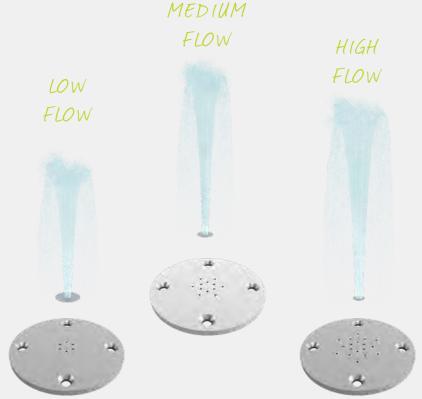


Simplified installation for a perfect concrete pour every time.

Find flexibility with playPHASE™

The playPHASE[™] Geyser spray adds playful water action to any space while providing the opportunity to change your space throughout its life cycle.

PLAYPHASE™ GEYSERS





Stories come to life through colour. Deep blues and gentle greens, sharp reds and muted creams, each of these colours can align with your surrounding landscape, facility, adventure or moment in history to help narrate your space design.

Choose from a variety of brilliant Waterplay colour options unique to your project, or choose from one of our carefully crafted pre-set collections.

WATERPLAY'S STANDARD COLOUR PALETTE

Designed to withstand the elements, our super durable, lead-free powder coating is built to withstand extreme climate temperatures, moisture and UV exposure.



COLOUR INSPIRATION

Pairing colours can be tricky and choosing combinations that work together effectively is key to the success of your design. By selecting one of Waterplay's harmonized colour collections, you can comfortably reinforce a unified, themed appearance to ensure that your next aquatic play project hits the mark.



AQUALUME™ CLEAR YELLOW RED ORANGE Make a statement in your next design with Waterplay's AquaLume[™], an impact resistant and durable polymer that allows the sunlight to pass through for a truly stunning play experience. LIGHT BLUE BLUE GREEN DUMPING **BUCKETS** YELLOW GREEN RED ORANGE Waterplay has numerous BLUE graphic collection options available. Contact our sales team **GRAPHIC OPTION SNEAK PEEK** for more details. **MISTY TWISTY** Create a beach oasis with the **Surf** Spray graphic SWIMMING FISH REEF REEF 2 collection. MAGNIF-EYE The High Seas graphics are full of adventure and discovery! COMPASS JOLLY ROGER SHIP'S WHEEL BLUE FISH LILY PAD & SOUND SPRAY

Kaleidoscope graphics ignite childlike wonder in us all.



MAROON









GREY



FREESTANDING AQUATIC PLAY

Waterplay's freestanding aquatic play collections are comprised of aquatic features designed to adapt to any environment. Transform your space into a circus, a jungle, a seaside adventure or simply complement the surrounding environment.

THE BOARDWALK AT IRA NEEDLES BLVD. ONTARIO | CANADA shopping centre

230

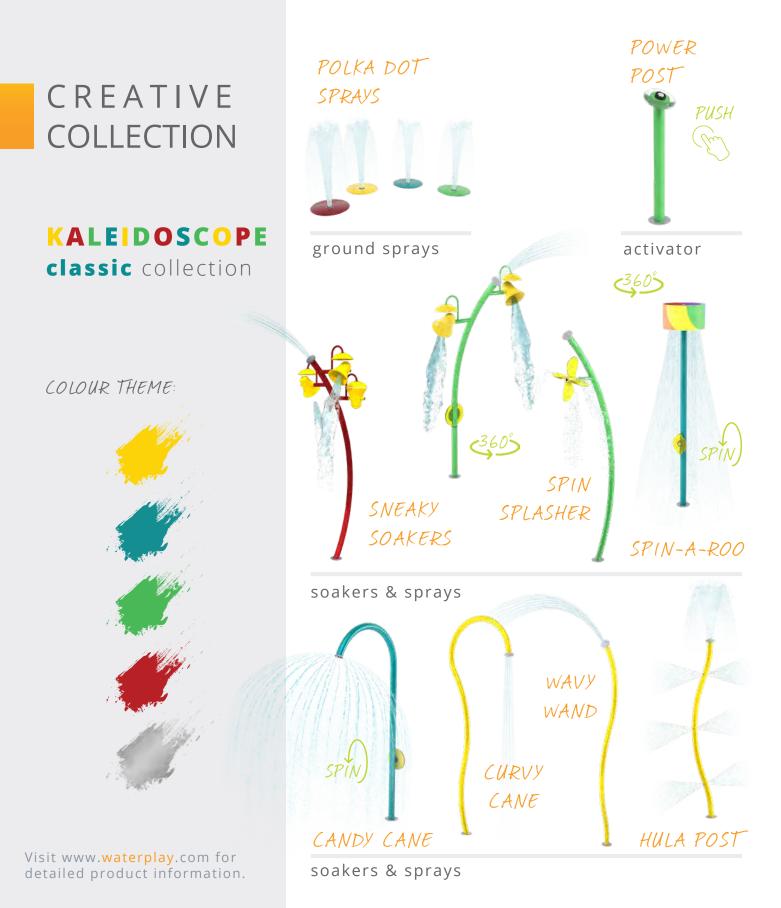
T A

CREATIVE | KALEIDOSCOPE COLLECTIONS | classic collection



A child's imagination is full of bright colours and fun shapes. The Kaleidoscope Collection takes waterplayers on an action-packed, playful adventure through a real life wonderland of discovery.







CREATIVE **REVOLUTIONS** COLLECTIONS **urban** collection



The Revolutions Collection was designed on an axis. Featuring smooth lines, 360° revolutions, spirals and spheres, this stunning group of products and colours unites play with a contemporary design aesthetic.



C R E A T I V E COLLECTION

REVOLUTIONS urban collection



Visit www.waterplay.com for detailed product information.





soakers & sprays





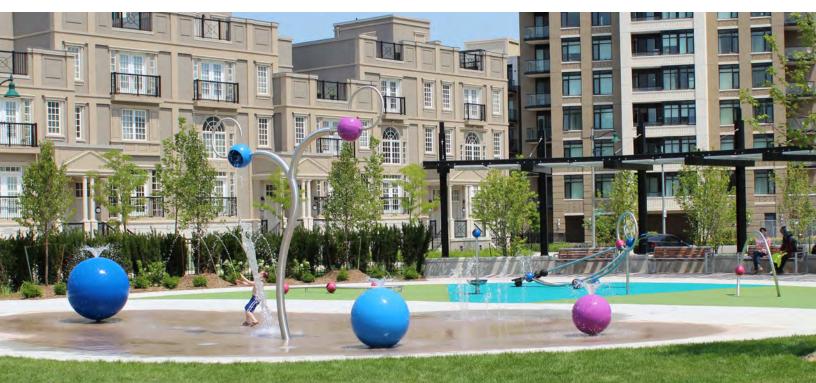


arches

activator

REVOLUTIONS

Bold and vibrant, or subtle and soothing, the Revolutions Collection builds a playful momentum in any community space.



ROSEBERRY PARK ONTARIO | CANADA urban space







CREATIVE JAMSESSIONS COLLECTIONS urban collection



Everyone's a musician with the JamSessions Collection. Dance under the spilling bells, plug the nozzles of the Sound Sprays, or dance on the keys of the Tappin' Tunes.

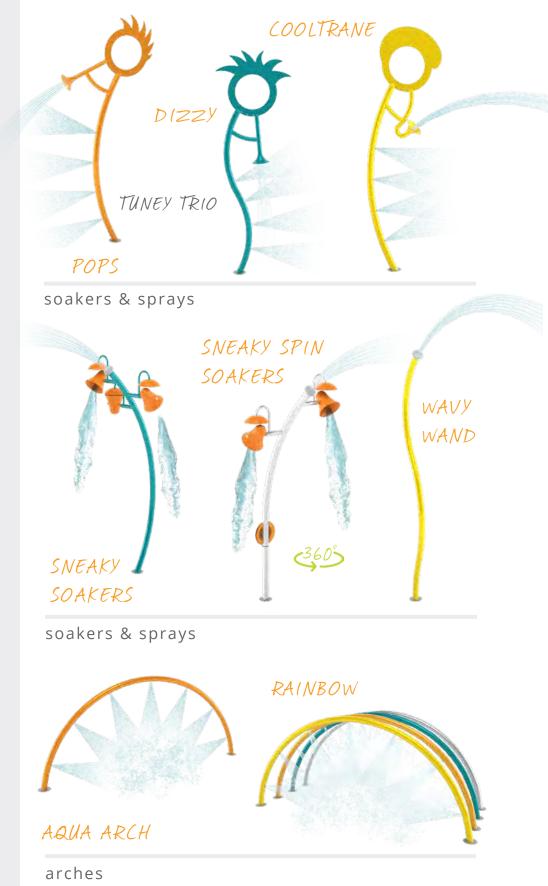


C R E A T I V E COLLECTION

JAMSESSIONS urban collection

COLOUR THEME:

Visit www.<mark>waterplay</mark>.com for detailed product information.





small splashes

CREATIVE | NATURE COLLECTIONS | themed collection



Embrace the great outdoors with the Nature Collection. Giant raining leaves, trees, flowers, spraying cat tails and wiggly water cannons are designed to peak the imagination of all waterplayers, young and experienced.



C R E A T I V E COLLECTION

WILDWOOD nature collection





ACCENTS



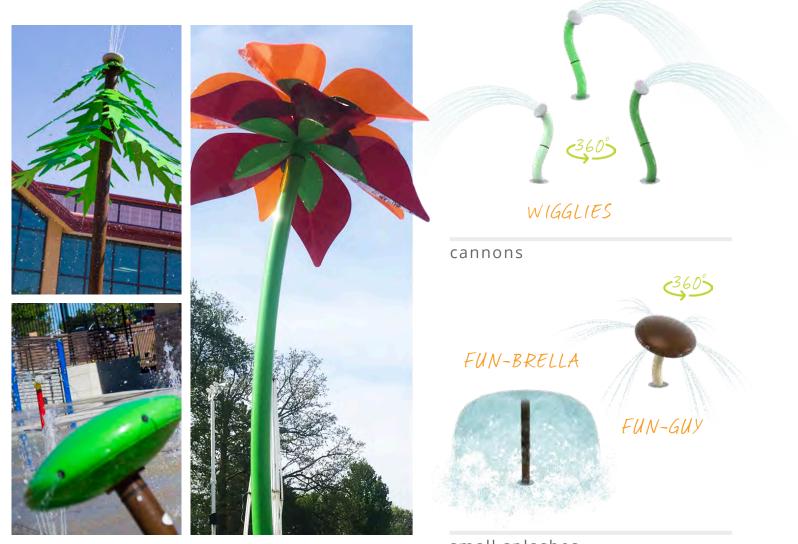
Visit www.waterplay.com for detailed product information.



flora



flora



small splashes

ENHANCE WITH YOUR GRAPHIC!

C R E A T I V E COLLECTION

RANCH & JUNGLE nature collection







Visit www.waterplay.com for detailed product information.



RANCH





FREESTANDING AQUATIC PLAY nature themed collection RANCH & JUNGLE



See pages 36 & 37 for Wildwood Collection.



NATURE

Oakvale Farm & Fauna World put an end to off-season slumps with a water park that keeps visitors cool year round. Highlighting their wildlife theme with the Wildwood Collection, the splash pad comes alive with water cannon koalas, a spiral tunnel coiled like a python and small features that introduce waterplayers to native critters like kangaroos and wombats.

OAKVALE FARM & FAUNA WORLD NEW SOUTH WALES | AUSTRALIA wildlife park





"We've got visitors traveling three hours each way just to visit our park."

Kent Sansom, Owner



CREATIVE | NAUTICAL COLLECTIONS | themed collection



Escape to the high seas. The Nautical Collection is sure to unleash adventure and courage in waterplayers of all ages and abilities. Brave the open water on the H.M.S. Waterplay, spray the nearest pirate or make friends with the wiggly Octopus!



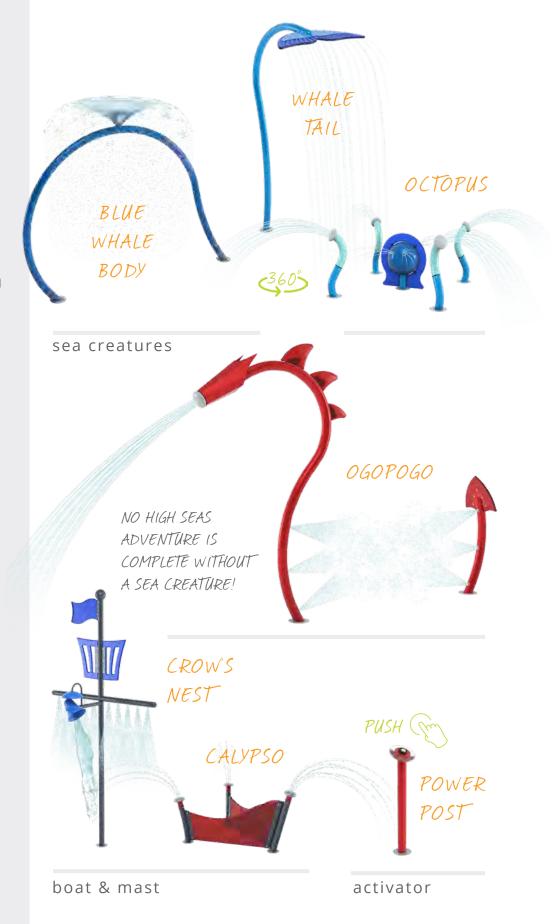
C R E A T I V E COLLECTION

HIGH SEAS nautical collection

COLOUR THEME:

ACCENTS

Visit www.waterplay.com for detailed product information.





soakers & sprays

NAUTICAL

Inspired by South Africa's subtropical beaches, the **WavePark Gateway Entertainment Centre** takes families on a refreshingly cool adventure. Set sail on a magnificent pirate ship, navigate tidal waves from the Mega Soaker and hang out under the showering palms. The perfect reward after a busy day of shopping.



WAVEPARK GATEWAY DURBAN | SOUTH AFRICA entertainment centre

C R E A T I V E COLLECTION

SURF SPRAY nautical collection



sprays and cannons







The Surf Spray Collection

perfectly embodies the serenity and playfulness of the beach. Use these features together with the High Seas Collection to slow down your nautical adventure and create a Zen play space full of surf, sun and fun.

See pages 44 & 45 for High Seas Collection.



C R E A T I V E COLLECTION

PLAY CLUSTERS™ nautical collection

Voyages Play Clusters™ offer an action-packed play solution with a compact footprint to accommodate any space or budget.



Visit www.waterplay.com for detailed product information.

voyages play clusters™

SET A COURSE FOR ADVENTURE WITH VOYAGES!

Perfect as a stand-alone attraction or part of a larger design, the **Voyages Play Clusters**[™] bring playful ships and sailing vessels to your next adventure! From the small and compact Skiff to the deluxe Schooner—each cluster offers a unique set of water effects and footprints to complement every space.



CREATIVE SHORELINE COLLECTIONS by ehring

Ehring Collections

A product design collaboration with Markus Ehring, world-renowned public space designer, the Ehring Collections by Waterplay are the perfect balance of play value, beauty, form and function.







Designed for exploration, soaring water effects and big splashes, **the Shoreline Collection** guides waterplayers from the grassy meadows into a tidal zone of sneaky sea shells, curious gulls and dancing kites.



CREATIVE COLLECTION

SHORELINE by ehring

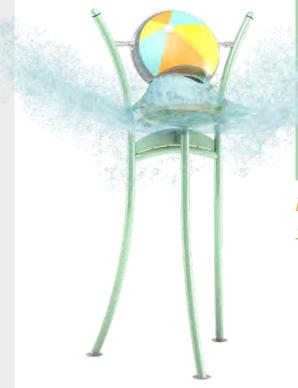
COLOUR THEME:



ACCENTS

Visit www.waterplay.com for

detailed product information.



big splash

TURN UP THE FUN WITH THE SOAKER'S ADJUSTABLE SPLASH PLATE!

BEACH BALL SOAKER



WHIRLER

activator





soakers & sprays

KITE







soakers & sprays



ground sprays

CREATIVE GRASSLANDS COLLECTIONS by ehring



Tall blades of grass, whimsical wildflowers, smooth stones and friendly creatures—the Grasslands Collection brings the wonder and beauty of nature to the play pad.



C R E A T I V E COLLECTION

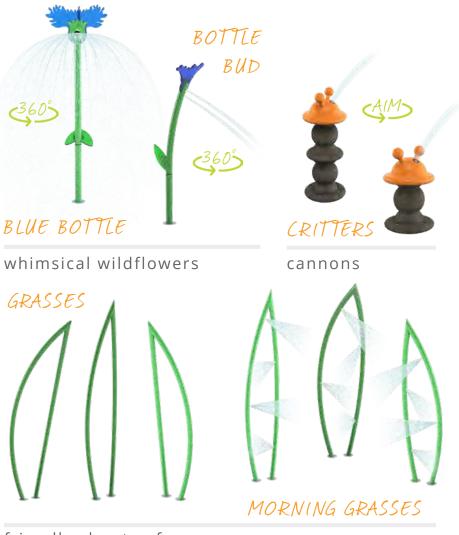
GRASSLANDS by **ehring**



whimsical wildflowers



Visit www.waterplay.com for detailed product information.



friendly shoots of grass



GRASSLANDS

Find your way through giant wild flowers and splashing dew drops at these nature-inspired aquatic play spaces. These modern, eco-friendly designs create an attractive public space where communities can gather, relax and connect through play.

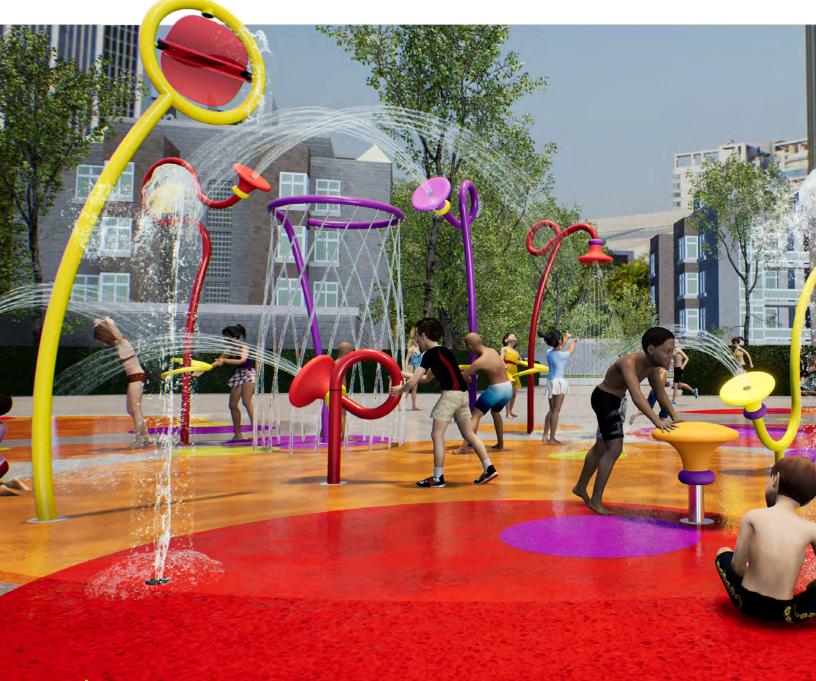




"Thoughtfully selected colour palettes not only **influence the beauty** of the space but also the way people play and interact."

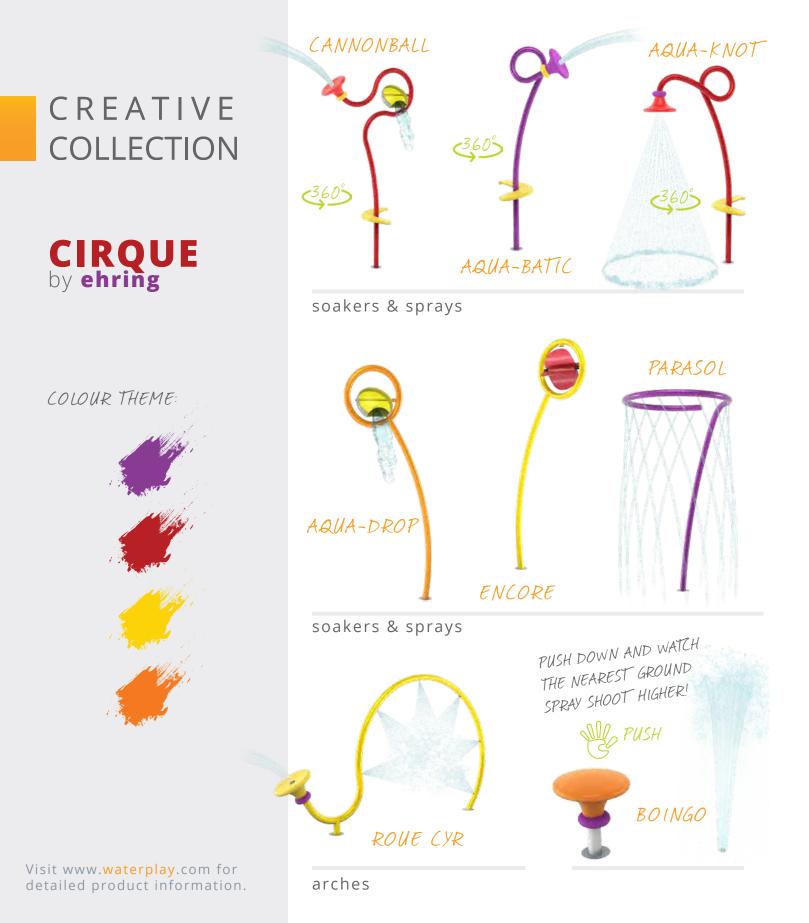
Markus Ehring Public space designer, Germany PRAIRIE WINDS PARK ALBERTA | CANADA community park

CREATIVE CIRQUE by ehring



The Cirque Collection is designed for collaborative fun. Push, spin, plug and take aim. This troupe of whimsical and looping play features delights waterplayers with a spectacular water show.





FREESTANDING AQUATIC PLAY ehring collection CIRQUE



cannons

small splashes



SPIN THE

BIG TOP SOAKER

PRESTO



activators



RINGMASTER

WATCH THE BUCKET FILL AND GET READY FOR THE BIG SPLASH!

big splashes

CREATIVE | PLAY PALS SOLUTIONS | product collection



Play Pals move through any collection or play space! Whether you want to add more fun to your **JamSessions** design, or build out a **Wildwood** adventure, Play Pals fit seamlessly into any space to help tell your story.





soakers & sprays



STONES & PLAY CLUSTERS™

KIDS CARE SPRAY PARK BRITISH COLUMBIA | CANADA community park

Delight the senses with Stones! Inspired by the smooth pebbles of a shoreline, these giant stones provide a calm space for kids to rest, relax and explore gentle water effects. Stones are available in both dry and spraying options and feature a sand-blasted surface for safe play.



serene stones

70

Visit www.waterplay.com for detailed product information.

FREESTANDING AQUATIC PLAY creative solutions STONES & PLAY CLUSTERS™

Seashells with a circle of stones create a contemplative tide pool for scientific exploration.

PLAY CLUSTERS[™]

Encourage specific play styles through clusters of play perfect for any setting.



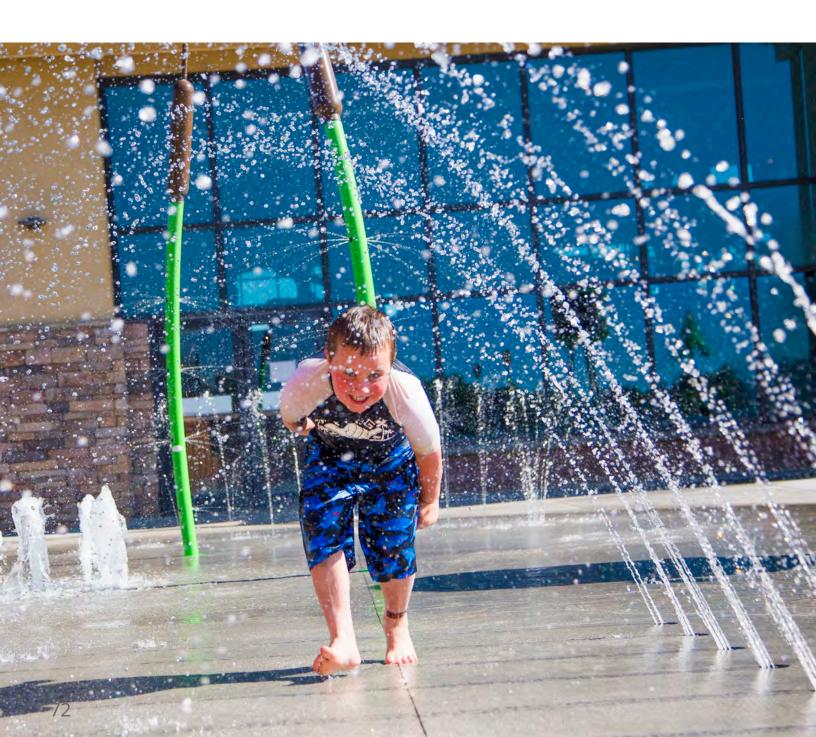
UNCOVER POCKETS OF PLAV AS THE TIDE FLOWS BETWEEN LAND AND SEA. WHEN WATERS RETREAT, SHALLOW POOLS ARE LEFT BETWEEN THE STONES TO EXPOSE COASTAL MARVELS FOR ALL TO DISCOVER.



SERENE STONES

РОРРУ LABYRINTH

CREATIVE GROUND SPRAYS SOLUTIONS product collection











CREATIVE SOLUTIONS

GROUND SPRAYS

Ground sprays are an essential part of every design: use them alone or to complete a design with dynamic spray patterns. Keep the magic flowing after dark with Glow Effects and Luminaries! SPRAY TUNNEL 4



SPRAY TUNNEL 8

tunnel

TEAM EFFECT

NO COVER THE NOZZLES TO PUSH THE WATER HIGHER!



TEAM EFFECT MINI



THEY GO ANYWHERE ...

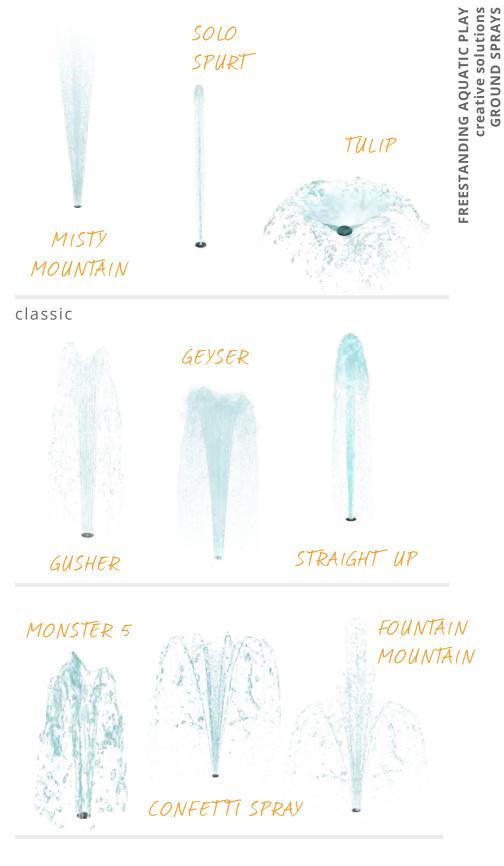


GROUP VOLCANO

cause & effect







STOMP, DANCE, PUDDLES!

An exciting take on the traditional ground spray, Puddles bring the fun of rain puddles to the play pad. Designed with a squishy jump pad, this ground spray encourages waterplayers to stomp, dance or hop to create a splashy water effect.





PUDDLE 3

JUMP SPLASH DISCOVER

PUDDLE |







FREESTANDING AQUATIC PLAY creative solutions GROUND SPRAYS

GROUND SPRAYS



DOUGHNUT



water fort

STARLET SPRAY

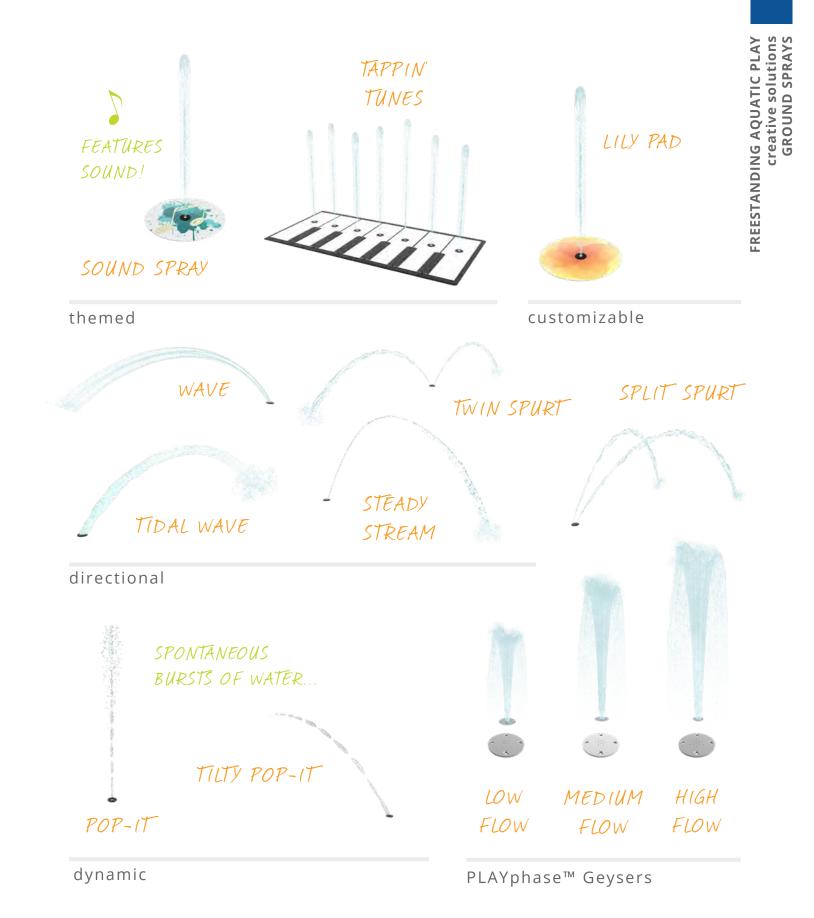
MOP TOP

TOWER SPRAY

BUTTERCUP

CHARLOTTES WEB

multi-directional



LUMINARIES & GLOW EFFECTS

1

MILLENIA STYLUS PARK CALIFORNIA, USA urban area Extend the hours of usage and create a striking water display that flows from day to night! Luminaries create a multifunctional space that glimmers between play and visual art.





LUMINARIES

Recessed LED lights illuminate integrated ground sprays.

000007

GLOW EFFECTS

Flush-mounted LED lights illuminate the surrounding water.

CREATIVE DISCOVERY PLAY SOLUTIONS curiosity collection



Visit www.waterplay.com for detailed product information.

82

The Curiosity Collection is designed to spark exploration, wonderment, intrigue and discovery. Children of all ages can move, touch and manipulate the flow using interactive weirs that will exercise their minds and problem solving skills.





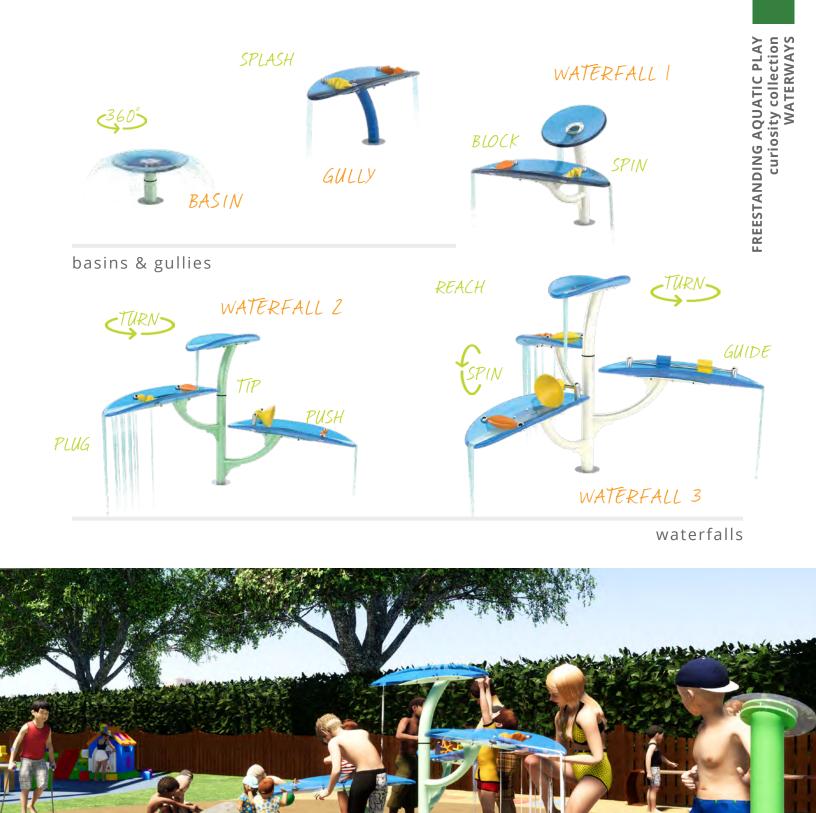
INTRODUCING WATERWAYS

A cascading adventure for inquisitive waterplayers who like to explore the different ways that water moves.

Guide the water into waterfalls and gullies, through spinning weirs and tipping buckets, across sneaky holes and into whirling basins. Waterways offers a new adventure at every turn.

MODULAR DESIGN Build a unique configuration for any space.

EASY INSTALLATION One connection point per feature reduces installation requirements and cost.



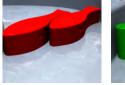
DISCOVERY STREAM by ehring



"If you can't go through an obstacle, go around it, Water does."

> Margaret Atwood The Penelopiad

Inspired by nature, designed for fun—the **Discovery Stream** is a modular stream bed packed full of fascinating water weirs that challenge the mind and evoke thoughtful play. Perfect for waterplayers of all ages and abilities. Weirs are also available as stand-alone features for preexisting water beds.













FISH

SEA GRASS BLO





WET WELLY DUCK WHEEL

discovery stream & weirs

This meandering stream invites gentle hands-on discovery, bubbling sprays that add clusters of excitement.

OCEAN

LITTLE BEND

LONG BEND

SPRING

Visit www.waterplay.com for detailed product information. 87



ACTIVITY TOWERS

Activity Towers are multi-level water play structures that provide captivating visitor experiences for waterplayers of all ages. Perfect for any facility or environment, they adapt to your unique space and can be phased over time for enduring play value.



ENDLESS DESIGN CONFIGURATIONS

With hundreds of Signature Design packages and customization options available, it's easy to **discover** the perfect tower for your unique attraction!

BUILT TO LAST

All stainless steel construction, strong decks and durable coatings.

CLEAR SIGHTLINES

Large translucent panels and strategic elevations promote safe, confident play.

Activity Towers by Waterplay are ADA accessible and ASTM compliant.

90

MAXIMUM PLAY VALUE

Interactive, easy-to-reach play elements and exciting water effects both on and off the structure. Panel splashers, cannons and sprays at multiple levels create exciting adventures for waterplayers of all ages.

INTERCHANGEABLE & MODULAR

Increase attendance and keep visitors coming back for more. Plan for future expansions, newly added features and bigger splash effects with the playCONNECT[™] removable feature mounting system.

EXPAND YOUR ADVENTURE!

PLAN FOR TOMORROW WITH TODAY'S BUDGET



...USING OUR UNIVERSAL REMOVABLE FEATURE MOUNTING SYSTEMS!

PLAYCONNECT™



CENTRE POST PLAYPHASE™

91

...UPGRADE THE PLAY VALUE AND ADD THE NEW WATERWAYS FEATURE TO YOUR STRUCTURE!

/isit www.waterplay.com for detailed product information.

PLAY STRUCTURES

SIGNATURE DESIGNS





A perfect setting to make new discoveries and engage in immersive play, the Discovery Series Signature Designs fit easily into any project.

- compact footprint
- 2' and 4' (0.6m and 1.2m) deck heights invite fun for all ability levels
- available in all colour and product combinations

Visit www.waterplay.com for detailed product information.



DISCOVERY SERIES | GRASSLANDS COLLECTION

SLIDES	1
WATER FEATURES	6
LENGTH / WIDTH	14'9" x 11'8" (4.6m x 3.6m)
TOTAL HEIGHT	8'10" (2.5m)
ELEVATED AREA	60ft ² (5.6m ²)
APPLICATION	Zero-depth / Pool



DISCOVERY SERIES 3 KALEIDOSCOPE COLLECTION

SLIDES	1
WATER FEATURES	12
LENGTH / WIDTH	26'10" x 16'8" (8m x 5.1m)
TOTAL HEIGHT	14'6" (4.5m)
ELEVATED AREA	70ft ² (6.5m ²)
APPLICATION	Zero-depth / Pool





DISCOVERY SERIES 6 CIRQUE COLLECTION

SLIDES	2
WATER FEATURES	10
LENGTH / WIDTH	35'3" x 24'6" (10.8m x 7.5m)
TOTAL HEIGHT	17'3" (5.3m)
ELEVATED AREA	113ft ² (10.5m ²)
APPLICATION	Zero-depth / Pool





PLAY STRUCTURES

SIGNATURE DESIGNS

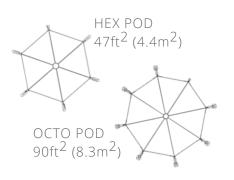
EXPLORATION series

A compact design with an exciting elevation change that takes play to new heights! The Exploration Series Signature Designs feature low, moderate and high action play elements to fulfil the needs of every waterplayer.

- compact, two level footprint
- 2' and 4' (0.6m and 1.2m) deck heights invite fun for all ability levels
- available in all colour and product combinations

Visit www.waterplay.com for detailed product information

SPACIOUS DECKS





EXPLORATION SERIES 3 CIRQUE COLLECTION

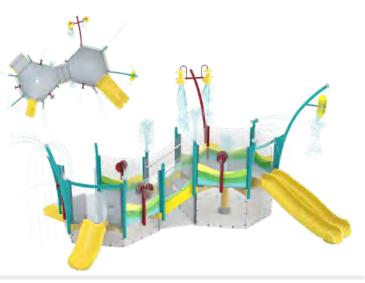
SLIDES	2
WATER FEATURES	15
LENGTH / WIDTH	32'7" x 16'9" (10m x 5.2m)
TOTAL HEIGHT	14'6" (4.5m)
ELEVATED AREA	120ft ² (11.1m ²)
APPLICATION	Zero-depth / Pool





EXPLORATION SERIES 2 KALEIDOSCOPE COLLECTION

SLIDES	2
WATER FEATURES	14
LENGTH / WIDTH	27'8" x 21'8" (8.5m x 6.7m)
TOTAL HEIGHT	13'2" (4m)
ELEVATED AREA	120ft ² (11.1m ²)
APPLICATION	Zero-depth / Pool





EXPLORATION SERIES 5 SURF SPRAY COLLECTION

SLIDES	2
WATER FEATURES	17
LENGTH / WIDTH	35'4" x 23'11" (10.8m x 7m)
TOTAL HEIGHT	17'3" (5.3m)
ELEVATED AREA	163ft ² (15.1m ²)
APPLICATION	Zero-depth / Pool

PLEASE CONTACT FOR MORE SIGNATURE DESIGNS & CUSTOM SOLUTIONS 95

PLAY STRUCTURES

SIGNATURE DESIGNS

ADVENTURE series

An unforgettable adventure! Wow guests with an engaging play experience that is sure to become the epicentre of any space.

- exciting footprint featuring multiple elevation changes
- towering features and deck heights create excitement and encourage waterplayers to push their abilities
- Available in all colour and product combinations

Visit www.waterplay.com for detailed product information.



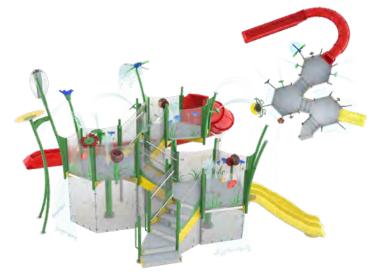
ADVENTURE SERIES TORTUGA HIGH SEAS COLLECTION

SLIDES	3
WATER FEATURES	44
LENGTH / WIDTH	74'7" x 50'10" (22.8m x 15.3m)
TOTAL HEIGHT	19'3" (5.9m)
ELEVATED AREA	323ft ² (30m ²)
APPLICATION	Zero-depth / Pool

ADVENTURE SERIES 5

SHOWN IN THE SHORELINE COLLECTION

SLIDES	5
WATER FEATURES	48
LENGTH / WIDTH	67'7" x 65' (20.6m x 19.8m)
TOTAL HEIGHT	18'6" (5.7m)
ELEVATED AREA	379ft ² (35.2m ²)
APPLICATION	Zero-depth / Pool



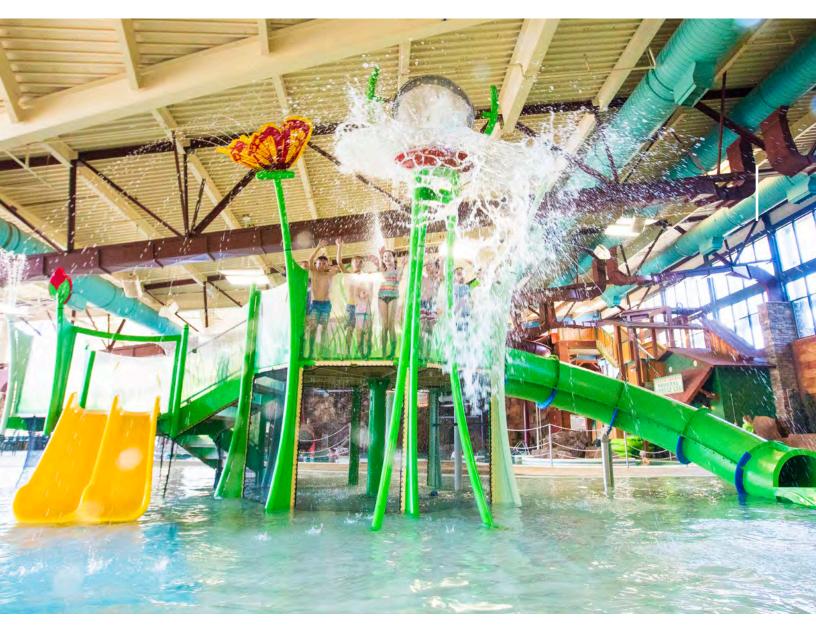
ADVENTURE SERIES 3 GRASSLANDS COLLECTION

SLIDES	2
WATER FEATURES	17
LENGTH / WIDTH	44'9" x 36'2" (13.7m x 11m)
TOTAL HEIGHT	16'6" (5.1m)
ELEVATED AREA	120ft ² (17.6m ²)
APPLICATION	Zero-depth / Pool





ACTIVITY TOWERS



"OUR GUESTS LOVE THE NEW FEATURES AND WE ARE EXCITED TO HAVE **UPDATED OUR POOL** WITH SUCH A FUN, CREATIVE STRUCTURE"

> LAURI DANNEMILLER Executive Director for Apex Parks & Recreation District | USA



A stunning facility renovation—the **Apex Recreation Center** in Arvada, Colorado transformed its outdated leisure pool into a multi-level Activity Tower attraction. A **Grasslands** design narrated by lively wildflowers, splashing insects and Tower Soaker re-invigorates the play experience for all ages and energy levels.





GATHERINGS PLAY, SIT, EXPLORE

Perfect your aquatic play space with simple, inclusive amenities. Waterplay's offering of beautifully designed tables, benches and stools compliment Aquatic Play Collections and complete your design narrative.





C R E A T I V E SOLUTIONS

GATHERINGS amenities collection

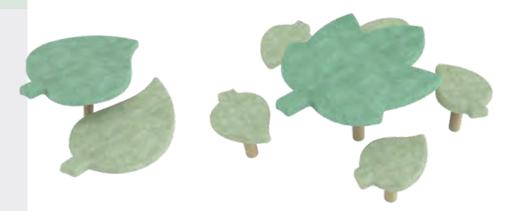


picnic tables

Floating leaves bring a sense of motion to still spaces, with a table and seating design that's perfect for playing, picnicking and relaxing.



stools and benches



Visit www.waterplay.com for detailed product information.

mix and match

Bring the natural beauty of the coast inland. Sea shell shapes and smooth pebbles create unique shoreline gathering places designed for outdoor meals, relaxing and daydreaming.

picnic tables



stools and benches



mix and match

GATHERINGS amenities collection TABLES & BENCHES





WATER MANAGEMENT SOLUTIONS

Water management is about making the water work for the specific needs of your aquatic play design and the surrounding infrastructure.

With options for every project, Waterplay's tools and systems lead the industry in technology and function. Work with Waterplay to find the best solution for your space.

WATER MANAGEMENT

TOOLS & SYSTEMS

CREATE SUSTAINABLE PLAV SPACES

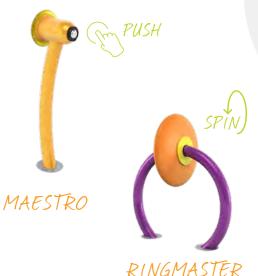
Knowing what happens with the water is a big part of your project. Work with Waterplay to find the best solution for your space.

Visit www.waterplay.com for detailed product information.

TOOLS @

ACTIVATORS

Optimize water use and maximize play value through action-reaction play outcomes and sequencing with Waterplay's on demand activators.



KINGMASIC

activators



CLASSIC DRAIN

*ECO ACTIVATOR BASE

*Activator sold seperatly but is required. *Supports up to 40 GPM (151 LPM) For more information, please refer to the Water Management brochure

The Eco Activator Base

is an all-in-one water management solution for small aquatic spaces, it combines manifold and controller technology in one flush-to-grade solution.

STAINLESS STEEL DRAIN



AVAILABLE COLOURS: STANDARD WATERPLAY COLOURS

drains



controller

MANIFOLD

Available in 6, 9, 12, 15 and 18 valve configurations to adapt to any project size.

CONTROLLER Waterplay[®] smartACCESS[™]

Control multiple play spaces from one screen through the intuitive user interface and collect data for analyzing and reporting. Waterplay's smartACCESS connects you to what's happening at your play space anywhere, anytime.





ABOVE GRADE

klosk Available in 6, 10, and 18 valve configurations to

adapt to any project size.



BELOW GRADE VAULT

Available in 6, 10, and 18 valve configurations to adapt to any project size.



manifolds

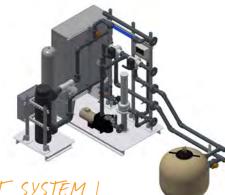
8888

kiosks & vaults

* TANKS AVAILABLE UPON REQUEST

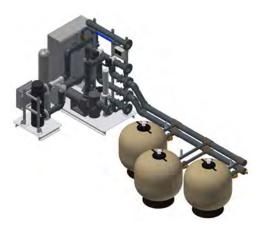
SYSTEMS RECIRCULATION

Waterplay's recirculation system functions as a closed water management unit that continually recycles treated water to and from the play space.



TREATMENT SYSTEM | 75 GPM / 284 LPM





TREATMENT SYSTEM 3 300 GPM / 1136 LPM

water management systems

CONTROLLER & MANIFOLD

The smartPLAY[™] Controller & manifold work together to route the water to the play space based on programmed sequences.



2

6

1

ACTIVATOR

Use the activator to trigger the controller.

DRAIN

The drain leads the water away from the play space and filters debris.

4

DIVERTER & STRAINER

The diverter & strainer captures debris and redirects rainwater to reduce overall chemical consumption.

HOLDING TANK

The holding tank contains water on the way to the water management system where the primary chemical disinfection occurs.

WATER MANAGEMENT SYSTEM

6

The recirculation system maintains water quality using advanced water treatment technologies. Water is continuously recycled to and from

the play space using this method.



E FLOW THROUGH

Waterplay's flow through water management system drains into the local sanitary or storm drain system. The water is then handled according to local municipal water management strategies.

ACTIVATOR

Use the activator to trigger the controller.

CONTROLLER & MANIFOLD

The smartPLAY[™] Controller & manifold work together to route the water to the play space based on programmed sequences.

DRAIN

The drain leads the water away from the play space and filters debris.

PERCOLATION

Consider a percolation system: water percolates from a below ground containment system and returns to the water table as a part of the natural hydrological cycle.

WATER MANAGEMENT SYSTEM

In a flow through system the water is introduced into the local municipal infrastructure via sanitary or storm drain systems. REPURPOSE

The water is then reused for agriculture, landscape irrigation and/or ground water recharge.

HOLDING TANK

The holding tank contains water on the way to the water management system.

WATER MANAGEMENT SYSTEM

The retain and reuse system filters and disinfects the water as per local regulations. The water is then pushed to the irrigation system.



6

RETAIN & REUSE

Retain & reuse water management systems capture and repurpose water from the play pad for alternative uses in the community.

TECHNOLOGIES & MATERIALS

At Waterplay, we **CARE** about quality. Our industry-leading materials are carefully selected to ensure safe play experiences that stand the test of time. Our products are made of stainless steel and use some of the most enduring materials in the industry.



playPHASE[™]

Phase your project, expand your play space and easily retrofit with playPHASE™, a flush-to-grade anchoring system that eliminates the need for toe guards and allows you to start construction early while we finish manufacturing your features.



playCONNECT™

The industry's first modular feature mounting system for activity towers simplifies the installation and reduces the need for cranes. Phase, expand, add, remove or replace features with playCONNECT™ to extend the lifetime of your structure.



ON DEMAND WATER ACTIVATION

Optimize water use and maximize play value with Waterplay's on demand button activators. A perfect solution for reducing water consumption while creating a dynamic play experience. **Push** to start the flow of water.



ACTION ACTIVATORS™

Bring surrounding play features to life by **spinning** the Ringmaster or **twisting** the Whirler. Waterplay's unique Action Activators[™] are the perfect blend of play value and water conservation.



360° ROTATIONAL HUB

Easy movement for all ages and abilities, the 360° rotational hub features continuous and smooth movement for maximum play value.



AQUALUME™

Make a statement in your next design with Waterplay's AquaLume™, an impact resistant and durable polymer that blends colour with water and light for a truly stunning play experience.

smartPLAY[™] CONTROLLER

The controller tells the water what it should do and when to do it. Waterplay's smartPLAY[™] Controller works in conjunction with the manifold and water activator to create the perfect play experience for your project.

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smartACCESS™

Waterplay's smartACCESS connects you to what's happening at your play space anywhere, anytime. Manage water for multiple play spaces from one screen through the intuitive user interface and collect data for analyzing and reporting.



SOUND SPRAY TECHNOLOGY

Tune into play with Sound Sprays. Cover the spray nozzle to trigger sounds from the Maestro activator's speaker (required for sound play). Program your feature with selections from our sound library.



CAUSE & EFFECT NOZZLES

Stimulate curiosity and team play in your play space. Interactive ground sprays erupt with a bigger and bigger spray as waterplayers work together to plug and cover the nozzles.

SCHEDULE 10 & 40, 304L STAINLESS STEEL PIPE (316L AVAILABLE) | best performance in all environmentsMIG & TIG WELDS | superior weld strength and finishSUPER DURABLE POWDER COATING | superior chip and fade resistant.TOUGH FINISHES | defense against extreme climates, temperatures, moisture and UV exposure.STAINLESS STEEL HARDWARE | durable and resistantACETAL NOZZLES | durable material that eliminates corrosionWARRANTY | industry leading for structural integrity of stainless steel piping and weldments

PRODUCT INDEX

PRODUCT	HEIGHT	FLOW	PAGE	DS-STOUT MOUSE	Â
CIRQUE COLLECTI	ION			DS-TWO FISH	2
AQUA-BATIC	122″ 3108 mm	6 GPM 23 LPM	64	DS-WET WELLY	
AQUA-DROP	132″ 3353 mm	5 GPM 19 LPM	64	GRASSLANDS CO	LLEO
AQUA-KNOT	122″ 3108 mm	10 GPM 38 LPM	64	ANETH BLOOM 1	3
BATON	41" 1041 mm	16 GPM 61 LPM	65	ANETH BLOOM 3	3
BIG TOP SOAKER	178" 4521 mm	30 GPM 113 LPM	65	ANTS 3	
BOINGO (WITH GEYSER)	21″ 533 mm	6 GPM 23 LPM	64	ANTS 5	
CANNON	58" 1473 mm	6 GPM 23 LPM	65	BLUE BOTTLE	2
CANNONBALL	140″ 3564 mm	8 GPM 30 LPM	64	BOTTLE BUD	2
DJEMBE	22" 559 mm	14 GPM 53 LPM	65	CHARLOTTE	3
ENCORE	132″ 3353 mm	2 GPM 8 LPM	64	CORN POPPY	3
PARASOL	105″ 2667 mm	20 GPM 76 LPM	64	CRITTER 1	l
PRESTO	43" 1092 mm	N/A	65	CRITTER 2	0
RINGLING	40" 1016 mm	9 GPM 34 LPM	65	DEW DROP	3
RINGMASTER	43" 1092 mm	N/A	65	FLUTTER	3
ROUE-CYR	82" 2083 mm	10 GPM 38 LPM	64	FROG	
DISCOVERY STREA	M			GECKO	
DS-DUCK WHEEL	21" 531mm	N/A	87	GRASS 1	2
DS-LITTLE BEND	9" 229 mm	N/A	87	GRASS 2	3
DS-LONG BEND	9" 229 mm	N/A	87	GRASS 3	3
DS-OCEAN	9" 229 mm	N/A	87	LADYBUG SOAKER	4
DS-ONE FISH	9" 229 mm	N/A	87	MORNING GRASS 1	2

PRODUCT	HEIGHT	FLOW	PAGE
DS-SEA BLOSSOM	9" 229 mm	N/A	87
DS-SEA GRASS	6" 152 mm	N/A	87
DS-SPRING	9" 229 mm	20 GPM 76 LPM	87
DS-STOUT MOUSE	8" 211 mm	N/A	87
DS-TWO FISH	9" 229 mm	N/A	87
DS-WET WELLY	12" 305 mm	N/A	87
GRASSLANDS CO	LECTION		
ANETH BLOOM 1	149" 3785 mm	10 GPM 38 LPM	58
ANETH BLOOM 3	156" 3962 mm	20 GPM 76 LPM	58
ANTS 3	0" 0 mm	3 GPM 11 LPM	59
ANTS 5	0" 0 mm	5 GPM 19 LPM	59
BLUE BOTTLE	105" 2667 mm	10 GPM 38 LPM	58
BOTTLE BUD	86" 2184 mm	1 GPM 4 LPM	58
CHARLOTTE	145″ 3683 mm	10 GPM 38 LPM	59
CORN POPPY	127" 3226 mm	10 GPM 38 LPM	58
CRITTER 1	23" 584 mm	2 GPM 8 LPM	58
CRITTER 2	36" 914 mm	2 GPM 8 LPM	58
DEW DROP	128" 3251 mm	10 GPM 38 LPM	59
FLUTTER	147" 3734 mm	10 GPM 38 LPM	59
FROG	0" 0 mm	3 GPM 11 LPM	59
GECKO	0" 0 mm	4 GPM 15 LPM	59
GRASS 1	117" 2972 mm	N/A	58
GRASS 2	128" 3251 mm	N/A	58
GRASS 3	145" 3683 mm	N/A	58
LADYBUG SOAKER	186" 4724 mm	30 GPM 113 LPM	59
MORNING GRASS 1	117" 2972 mm	3 GPM 11 LPM	58

PRODUCT	HEIGHT	FLOW	PAGE
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MORNING GRASS 3	145" 3683 mm	3 GPM 11 LPM	58
POPPY BUD	61" 1549 mm	1 GPM 5 LPM	58
SNAKE	0" 0 mm	5 GPM 19 LPM	59
SPARX	139" 3531 mm	15 GPM 57 LPM	59
SPROUT	43″ 1092 mm	N/A	59
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BUTTERCUP	0" 0 mm	9 GPM 34 LPM	78
CHARLOTTE'S WEB	0" 0 mm	7 GPM 26 LPM	78
CONFETTI SPRAY	0" 0 mm	6 GPM 23 LPM	75
DOUGHNUT	0" 0 mm	48 GPM 182 LPM	78
FOUNTAIN MOUNTAIN	0" 0 mm	13 GPM 49 LPM	75
GEYSER	0" 0 mm	6 GPM 23 LPM	75
GROUP VOLCANO	0" 0 mm	15 GPM 57 LPM	74
GUSHER	0" 0 mm	20 GPM 76 LPM	75
LILY PAD (SPRAY COVER)	0" 0 mm	N/A	79
MISTY MOUNTAIN	0" 0 mm	1 GPM 4 LPM	75
MONSTER 5	0" 0 mm	32 GPM 121 LPM	75
МОР ТОР	0" 0 mm	12 GPM 45 LPM	78
POP IT	0" 0 mm	1 GPM 4 LPM	79
PUDDLES 1	0" 0 mm	5 GPM 19 LPM	77
PUDDLES 2	0" 0 mm	5 GPM 19 LPM	77
PUDDLES 3	0" 0 mm	5 GPM 19 LPM	77
SOLO SPURT	0" 0 mm	2 GPM 8 LPM	75
SOUND SPRAY	0" 0 mm	12 GPM 45 LPM	79
SPLIT SPURT	0" 0 mm	4 GPM 15 LPM	79

114 Visit www.waterplay.com for detailed product information.

PRODUCT	HEIGHT	FLOW	PAGE	PRODUCT	HEIGHT	FLOW	PAGE	PRODUCT	HEIGHT	FLOW	PAGE	FO
SPRAY TUNNEL 4	0" 0 mm	24 GPM 91 LPM	74	SNEAKY SPIN SOAKER 2	129" 3277 mm	14 GPM 53 LPM	32	WAVY WAND	146" 3708 mm	6 GPM 23 LPM	22	utio
SPRAY TUNNEL 8	0" 0 mm	48 GPM 182 LPM	74	SOUND SPRAY	0" 0 mm	12 GPM 45 LPM	33	NATURE COLLEC	TION • WILDW	OOD		PRODUCT erplay solut
STARLET	0" 0 mm	7 GPM 26 LPM	78	TAPPIN' TUNES	0" 0 mm	8 GPM 30 LPM	33	CATERSPILLER	106" 2694 mm	5 GPM 19 LPM	36	PROD rplay
STEADY STREAM	0" 0 mm	2 GPM 8 LPM	79	U.S.O.	24″ 610 mm	10 GPM 38 LPM	33	CAT TAIL	127" 3226 mm	6 GPM 23 LPM	36	ati
STRAIGHT UP	0" 0 mm	6 GPM 23 LPM	75	WAVY WAND	146" 3708 mm	6 GPM 23 LPM	32	DAISY MAE	118" 2997 mm	3 GPM 12 LPM	37	
TAPPIN' TUNES	0" 0 mm	8 GPM 30 LPM	79	KALEIDOSCOPE (COLLECTION			DAISY MAE WINDY	128" 3251 mm	3 GPM 12 LPM	37	
TEAM EFFECT	0" 0 mm	15 GPM 57 LPM	74	ARCHIE	89" 2261 mm	5 GPM 19 LPM	23	FUN-BRELLA	37″ 940 mm	16 GPM 61 LPM	37	
TEAM EFFECT (MINI)	0" 0 mm	15 GPM 57 LPM	74	CANDY CANE	108" 2743 mm	5 GPM 19 LPM	22	FUN-GUY	25" 635 mm	5 GPM 19 LPM	37	
TIDAL WAVE	0" 0 mm	20 GPM 76 LPM	79	CURVY CANE	131″ 3327 mm	6 GPM 23 LPM	22	LEAFLET	108" 2743 mm	25 GPM 95 LPM	36	
TILTY POP-IT	0" 0 mm	1 GPM 4 LPM	79	FROGGIE-O	88″ 2235 mm	6 GPM 23 LPM	23	PAPILLON	94" 2388 mm	8 GPM 29 LPM	36	
TOWER SPRAY	0" 0 mm	8 GPM 30 LPM	78	FUN-GUY	25" 635 mm	5 GPM 19 LPM	23	POWER POST	42″ 1067 mm	N/A	36	
TULIP	0" 0 mm	6 GPM 23 LPM	75	HULA POST	113" 2870 mm	10 GPM 38 LPM	22	RAIN CAP	108" 2743 mm	5 GPM 19 LPM	36	
TWIN SPURT	0" 0 mm	4 GPM 14 LPM	79	MAGNIF-EYE	35″ 889 mm	4 GPM 14 LPM	23	RAIN FOREST	140" 3556 mm	6 GPM 23 LPM	36	
WAVE	0" 0 mm	6 GPM 23 LPM	79	MIST STICK	51″ 1295 mm	6 GPM 23 LPM	23	TRILLI LILY	129" 3277 mm	3 GPM 12 LPM	37	
JAMSESSIONS CC	DLLECTION			MISTY TWISTY	47″ 1189 mm	3 GPM 11 LPM	23	TRILLI LILY WINDY	118" 2997 mm	3 GPM 12 LPM	37	
AQUA ARCH	64" 1626 mm	6 GPM 23 LPM	32	O-RIGINAL	120″ 3048″	6 GPM 23 LPM	23	WATERLEAF	109" 2769 mm	12 GPM 45 LPM	36	
COOLTRANE	130″ 3302 mm	4 GPM 15 LPM	32	POLKA DOT SPRAY	0" 0 mm	4 GPM 15 LPM	22	WIGGLY	34" 864 mm	3 GPM 12 LPM	37	
COSMIC CANNON	37" 940 mm	6 GPM 23 LPM	33	POWER POST	42" 1067 mm	N/A	22	WIGGLY JR.	30" 762 mm	3 GPM 12 LPM	37	
DIZZY	129" 3277 mm	4 GPM 15 LPM	32	RAINBOW DOME	64" 1626 mm	12 GPM 45 LPM	23	WIGGLY SR.	37" 940 mm	3 GPM 12 LPM	37	
FUN-BRELLA	37" 940 mm	16 GPM 61 LPM	33	SNEAKY SOAKER 3	134" 3404 mm	25 GPM 95 LPM	22	NATURE COLLEC	TION • RANCH	& JUNGLE		
MAESTRO	41″ 1141 mm	N/A	33	SNEAKY SPIN SOAKER 2	129" 3277 mm	14 GPM 53 LPM	22	CHARGER	105″ 2667 mm	9 GPM 34 LPM	38	
MAGNIF-EYE	35" 889 mm	4 GPM 15 LPM	33	SPIN-A-ROO	109" 2769 mm	4 GPM 15 LPM	22	GEROME	132" 3353 mm	9 GPM 34 LPM	39	
MISTY TWISTY	47" 1189 mm	3 GPM 12 LPM	33	SPIN SPLASHER	129" 3277 mm	2 GPM 8 LPM	22	POLY PALM	118" 2997 mm	3 GPM 11 LPM	39	
POPS	133" 3378 mm	4 GPM 15 LPM	32	SPINNY SQUIRT	22" 559 mm	3 GPM 12 LPM	23	POLY PALM 5	123″ 3139 mm	3 GPM 11 LPM	39	
RAINBOW	64" 1626 mm	24 GPM 91 LPM	32	SPLASH BLASTER	35" 889 mm	4 GPM 15 LPM	22	POLY PALM WINDY	129" 3285 mm	3 GPM 11 LPM	39	
SNEAKY SOAKER 3	134" 3404 mm	25 GPM 95 LPM	32	SPIRAL TUNNEL	79" 2007 mm	24 GPM 91 LPM	23	WATER TOWER	133" 3378 mm	13 GPM 49 LPM	38	
			32	SPIRAL TUNNEL			23	WATER TOWER			38	l

INDEX & SPECIFICATIONS

PRODUCT	HEIGHT	FLOW	PAGE	PRODUCT	HEIGHT
NAUTICAL COLLE	CTION • HIGH	SEAS		SOLIS 24	24" 610 mm
ANCHORS AWAY	133" 3378 mm	6 GPM 23 LPM	45	SOLIS 36	36" 914 mm
BLUE WHALE BODY	79″ 3378 mm	15 GPM 53 LPM	44	SURF BOARD	90" 2286 mm
CALYPSO	37" 940 mm	18 GPM 68 LPM	44	SURF CANNON	43" 1092 mm
CARRONADE	38" 965 mm	6 GPM 23 LPM	45	PLAY CLUSTERS	VOYAGES
CROW'S NEST	162" 4115 mm	8 GPM 30 LPM	44	PLEASE CONTAC	T FOR SPECS
CYCLONE	38" 965 mm	16 GPM 61 LPM	45	PLAY PALS	
FISHIN' POLE	141" 3581 mm	5 GPM 19 LPM	45	CYCLONE	38" 965 mm
FUN-BRELLA	37" 940 mm	16 GPM 61 LPM	45	FUN-BRELLA	37" 940 mm
MAGNIF-EYE	35" 889 mm	4 GPM 14 LPM	45	FUN-GUY	25" 635 mm
OCTOPUS	30" 762 mm	15 GPM 57 LPM	44	HELICES	133" 3378 mm
PERRY SCOPE	104" 2642 mm	6 GPM 23 LPM	45	MEGA SOAKER	208" 5273 mm
OGOPOGO	101" 2565 mm	10 GPM 38 LPM	44	MISTY TWISTY	47" 1189 mm
OGO (HEAD ONLY)	101" 2565 mm	10 GPM 38 LPM	44	O-RIGINAL	120" 3048"
POLY PALM	118" 2997 mm	3 GPM 11 LPM	45	POWER POST	42" 1067 mm
POLY PALM 5	123" 3139 mm	3 GPM 11 LPM	45	SNEAKY SOAKER 2	134" 3404 mm
POLY PALM COCO	123" 3136 mm	3 GPM 11 LPM	45	SNEAKY SOAKER 3	134" 3404 mm
POLY PALM WINDY	129" 3285 mm	3 GPM 11 LPM	45	SNEAKY SPIN SOAKER 2	129" 3277 mm
POWER POST	42" 1067 mm	N/A	44	SNEAKY SPIN SOAKER 3	129" 3277 mm
SAIL AWAY 1	162" 4115 mm	4 GPM 15 LPM	45	SPINNY SQUIRT	22" 559 mm
SAIL AWAY 2	162" 4115 mm	5 GPM 19 LPM	45	SPIRAL TUNNEL	79" 2007 mm
SAIL AWAY SPIN 1	162" 4115 mm	4 GPM 15 LPM	45	SPLASH BLASTER	35″ 889 LPM
SAIL AWAY SPIN 2	162" 4115 mm	6 GPM 23 LPM	45	TEAM BLASTER	37" 940 mm
WHALE TAIL	101" 2565 mm	12 GPM 45 LPM	44	U.S.O	24" 610 mm
NAUTICAL COLLE	CTION • SURF	SPRAY		WATER-O	79" 2007 mm
RAIN CAP	108" 2743 mm	5 GPM 19 LPM	48	WATER WEAVER 1	13" 322 mm

FLOW	PAGE	PRODUCT	HEIGHT	FLOW
6 GPM 23 LPM	48	WATER WEAVER 2	32" 825 mm	10 GPM 38 LPM
6 GPM 23 LPM	48	WATER WEAVER 3	58" 1474 mm	5 GPM 19 LPM
4 GPM 14 LPM	48	REVOLUTIONS CO	LLECTION	
1 GPM 4 LPM	48	BLOOMIN' SOAKER 1	106" 3692 mm	15 GPM 57 LPM
		BLOOMIN' SOAKER 2	124" 3150 mm	30 GPM 114 LPM
	50	FUN-BRELLA	37" 940 mm	16 GPM 61 LPM
		HELICES	133" 3378 mm	2 GPM 8 LPM
16 GPM 61 LPM	69	MEGA SOAKER	213" 5410 mm	50 GPM 190 LPM
16 GPM 61 LPM	69	POWER POST	42″ 1067 mm	N/A
5 GPM 19 LPM	69	SOLIS 24	24" 610 mm	6 GPM 23 LPM
2 GPM 8 LPM	68	SOLIS 36	36″ 914 mm	6 GPM 23 LPM
50 GPM 190 LPM	68	SPIN SPRAY 1	80" 2032 mm	3 GPM 11 LPM
3 GPM 11 LPM	69	SPIN SPRAY 2	101″ 2565 mm	3 GPM 11 LPM
6 GPM 23 LPM	69	SPINNY SQUIRT	22" 559 mm	3 GPM 11 LPM
N/A	68	SPLASH BLASTER	35" 889 mm	4 GPM 15 LPM
17 GPM 64 LPM	68	SPIRAL TUNNEL	79" 2007 mm	24 GPM 91 LPM
25 GPM 95 LPM	68	TEAM BLASTER	37" 940 mm	8 GPM 30 LPM
14 GPM 53 LPM	68	TWIST N' SPILL 1	139" 3531 mm	8 GPM 30 LPM
25 GPM 95 LPM	68	TWIST N' SPILL 2	139" 3531 mm	16 GPM 61 LPM
3 GPM 11 LPM	69	WATER-O	79" 2007 mm	6 GPM 23 LPM
24 GPM 91 LPM	69	U.S.O.	24" 610 mm	10 GPM 38 LPM
4 GPM 15 LPM	68	SHORELINE COLLE	ECTION	
8 GPM 30 LPM	68	BEACH BALL SOAKER	163" 4150 mm	30 GPM 113 LPM
10 GPM 38 LPM	69	BUOY SPRAY	0" 0 mm	12 GPM 45 LPM
6 GPM 23 LPM	69	CERITH SPRAY	0" 0 mm	12 GPM 45 LPM
2 GPM 8 LPM	69	CLAMSHELL SPRAY	0" 0 mm	12 GPM 45 LPM

PAGE

Visit www.waterplay.com for detailed product information.

PRODUCT	HEIGHT	FLOW	PAGE	PRODUCT	HEIGHT	FLOW	PAGE	PRODUCT	HEIGHT	FLOW	PAGE	FO NS
KITE	144" 3657 mm	4 GPM 15 LPM	54	TURTLE TOT SPRAY	0" 0 mm	12 GPM 45 LPM	55	SAND STONE 2	11" 279 mm	N/A	70	r INI utio TIO
MARRAM GRASS	119" 3029 mm	6 GPM 23 LPM	55	WATER FLOWER	105″ 2663 mm	10 GPM 38 LPM	54	SAND STONE 3	12" 305 mm	N/A	70	y sol
MOONSNAIL SPRAY	0" 0 mm	12 GPM 45 LPM	55	WHIRLER	31″ 782 mm	N/A	54	SURF STONE 1	10" 254 mm	5 GPM 19 LPM	70	PRO rpla PEC
SEAGULL	122" 3106 mm	5 GPM 19 LPM	55	WINDSOCK	126″ 3204 mm	4 GPM 15 LPM	54	SURF STONE 2	11" 279 mm	5 GPM 19 LPM	70	wate X & S
STARFISH SPRAY	0" 0 mm	12 GPM 45 LPM	55	STONES				SURF STONE 3	10" 254 mm	5 GPM 19 LPM	70	NDE
TURTLE SPRAY	0" 0 mm	12 GPM 45 LPM	55	SAND STONE 1	24" 610 mm	N/A	70	WATERWAYS				=
								PLEASE CONTACT	FOR SPECS		85	



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Standard Colors 50/50 Mix



Standard Blue & Black

Standard Beige & Black

Standard Red & Black

Solid colors are also available.

Disclaimer: The colors printed here are for guidance only. Final selections should be made from the sample and/or sample dishes which can be obtained by contacting FLEXGROUND.



Phone: 602.954.0000 Email: info@flexground.com

Standard Color Chart

Black is included as a standard color













Color Disclaimer: The colors printed here are for guidance only. Final selection should be made from the sample dishes which can be obtained by contacting the sales department.

2140 E Cedar St. Tempe, AZ 85281

www.flexground.com



Phone: 602.954.0000 Fax: 623.223.1143 Email: info@flexground.com

TPV Color Chart



Color Disclaimer: The colors printed here are for guidance only. Final selection should be made from the sample dishes which can be obtained by contacting the sales department.

2140 E Cedar St. Tempe, AZ 85281



www.flexground.com



Poured-in-place rubberized safety surfacing, as well as athletic courts, pool decks, splash pads, synthetic grass, and more.









FlexGround: Mission Statement

To provide innovative and high quality surfacing options, installed by a knowledgeable and caring staff, backed by unparalleled customer service.





Riverview Park, Mesa, Arizona

...3

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FlexGround Standard Highest Quality Industry Standard:

FlexGround Standard is our traditional, poured-in-place rubber safety surfacing. It is a two-layer system consisting of a cushioned base, composed of a high quality recycled cushion layer, and a top surface made of 1/2" urethaneadhered EPDM rubber granules. Each granule is 1-3mm in size. FlexGround Standard is durable, suitable for all age play areas and can be installed indoors or outdoors. FlexGround Standard materials are mixed and applied on-site, so that the thickness can be modified to meet varying critical fall heights. FlexGround Standard is IPEMA certified and also adheres to the ASTM 1292 Standard for critical fall heights.

Color and Urethane:

FlexGround Standard is offered in a wide array of colors, including blue, green, red and beige. Colors may be mixed or designed side by side. More intricate design work, involving numerous colors, patterns, logos, etc. is also available. FlexGround Standard is applied using aromatic urethane, however, a higher quality aliphatic urethane is also available.



Accessibility:

FlexGround Standard is a poured-in-place, stationary surface, allowing wheelchairs unhindered access and maneuverability. Heavily used areas under swings and slides are designed to maintain thickness and attenuation.





FlexGround EnduraFlex[™] High Quality TPV Product:

FlexGround EnduraFlex is a superior poured-in-place rubber surface. It consists of two layers: a cushioned base composed of a high quality cushion layer, and a surface layer of 1/2" urethane adhered TPV (thermal plastic) granules. Each TPV granule is 1-4mm. TPV is a vulcanized product, making it better equipped to withstand daily wear and tear and color-fading due to UV exposure. FlexGround EnduraFlex is a more durable product, suitable for all age play areas, and may be installed indoors or outdoors. EnduraFlex materials are mixed and applied on-site so that the thickness can be modified to meet varying critical fall heights.

Color and Urethane:

FlexGround EnduraFlex is also offered in a wide array of colors, including blue, green, red and beige. Colors may be mixed or designed side-by-side. More intricate design work, involving numerous colors and patterns, is also available. FlexGround EnduraFlex is applied using aromatic urethane, however, a higher quality aliphatic urethane is also available.



Accessibility:

FlexGround EnduraFlex is a poured-in-place, stationary surface, allowing wheelchairs unhindered access and maneuverability. Heavily used areas under swings and slides are designed to maintain thickness and attenuation.



Sport Court Surfacing

Rubberized/PIP Surfacing

synthetic Turf Surfacing

Aquatic Surfacing

Poured-In-Place Color Chart



Colors may vary slightly from those pictured

FlexGround UltraFlex[™] Our Highest Quality Poured-In-Place Product:

FlexGround UltraFlex is the highest quality, longest lasting rubber safety surfacing on the market. UltraFlex is poured using the same two-layer system as FlexGround Standard and EnduraFlex, but utilizes a smaller (.5-1.5mm) granule TPV for the top surface wear course. Elevated urethane ratios bind the smaller granules together for a superior product, which boasts the best elongation and tensile strength in the industry. TPV is a vulcanized product, making it better equipped to withstand daily wear and tear and color fading due to UV exposure.

FlexGround UltraFlex is our most durable rubber surface, suitable for all age play areas, including water play, and may be installed indoors or outdoors. UltraFlex materials are mixed and applied on-site so that the thickness can be modified to meet varying critical fall heights.

Color and Urethane:

FlexGround UltraFlex is offered in a wide variety of colors. However, because UltraFlex utilizes smaller granules, we donot recommend mixing colors. UltraFlex utilizes aliphatic urethane only.



Accessibility:

FlexGround UltraFlex is a poured-in-place, stationary surface allowing wheelchairs unhindered access and maneuverability. Heavily used areas under swings and slides are designed to maintain thickness and attenuation.

Download specs and drawings at FlexGround.com





Rubberized/PIP Surfacing

FlexGround Xtreme Playground Surfacing

The Gold Standard:

FlexGround's Xtreme Playground Surfacing line is the gold standard in attenuated playground surfacing. It has been specifically engineered to withstand the rigors and elements to which common playground surfacing is exposed.

Utilizing a blend of industry recognized rubberized surfacing and infused with a proprietary mix of aliphatic thermoplastic urethane and chemically resistant color coat, our Xtreme PlayGround Surfacing line is guaranteed to remain impervious to cracking, fading, chipping, peeling, delamination and granulation and is the perfect application in high use areas such as under swings and at the bottom of slides. No matter the amount of foot or play traffic, natural UV exposure or common climactic elements, clients can remain confident in their pad's ability to remain strong and vibrant.

Compliance At its Core:

FlexGround's Xtreme Surfacing line has been shown to actually increase compliance (over standardized surfacing) with industry recognized and mandated codes, and is



IPEMA certified, adhering to ASTM 1292 Head Impact Criteria and all skid and flammability mandates.



Heavy Metal FREE!

FlexGrass artificial turf, originally pioneered by FlexGround, is an IPEMA certified grass and poured-in-place rubber safety surfacing. FlexGround FlexGrass utilizes the same cushionbased sublayer as our rubber top systems. The top, or "wear" layer, is then set with some of the highest quality synthetic turf available.

The FlexGrass Advantage:

Most synthetic grasses use a loose, black rubber filling to increase the strength and long-term viability of the turf. Unfortunately, this infill absorbs and emits extreme heat from outside temperatures, and comes loose after regular use, creating debris and maintenance issues. FlexGround FlexGrass uses an infill which can create, on average, a surface 10 degrees cooler than systems utilizing loose rubber infill. In addition, FlexGround FlexGrass is bound by a woven thatch layer base, allowing the infill to settle more securely in the base, which promotes long-term strength and wear resistance. FlexGrass is an exciting and innovative product from FlexGround. By combining the craftmanship of our industry-leading cushion base with premium synthetic turf, we've created FlexGround FlexGrass, the most durable, maintenance free surfacing you can own. Best of all, it looks and feels remarkably like real grass!



Why Choose FlexGrass?

- Installs easily in just 2 days
- Virtually maintenance-free
- Completely porous and dries quickly after wet weather
- FlexGrass is a 60 oz. top layer, the most dense in the industry
- Fall height certified for ASTM 1292 and meets guidelines established by the Americans with Disabilities Act (ADA) and Consumer Product Safety Commission (CPSC)
- No nylon fibers, as found in other artificial grasses, which have been shown to contain lead
- Non-SBR infill





FlexTrail

FlexGround FlexTrail[™]

Introducing FlexGround's newest innovation, FlexTrail. FlexTrail combines the flexibility of poured-in-place rubber surfacing with the durability of a bonded stone surface. The result is a highly aesthetic, wear-resistant surfacing, engineered for use in high-traffic areas. Walking trails, cart paths, biking paths, elevated decking, patios, pool decks, livable rooftops... if you can dream it, FlexTrail is the answer.

FlexTrail is available in porous and non-porous options and can be installed right over top of most existing surfaces with little or no excavation required. Tired of bird baths and puddles forming on or around your existing surface? Porous options can be laid at varying depths to assist with retaining and holding water so that it can dissipate over time without jeopardizing the safety of pedestrians. Is it critical that a subsurface remain dry and free of moisture penetration? Then our non-porous options may be just what you are looking for.

FlexTrail is a custom mixed product, so color and stone combinations can be fit to blend into natural landscapes, or "pop" in urban cityscapes. And just like all FlexGround products, it is hand-troweled on site to ensure absolute quality standards.



FlexTrail[™] can be installed right over top of most existing surfaces with little or no excavation required.









FlexGround KoolFlex Aquatic Decking Evolution:

KoolFlex is a revolutionary pool deck and aquatic surfacing solution.

This revolutionary formula was engineered to serve as the final solution for any surfacing which requires the strength necessary to withstand areas of high chlorination, alkaline and UV exposure.

What makes KoolFlex so special? KoolFlex is an aliphatic thermoplastic urethane. This means that, unlike acrylic systems, KoolFlex is highly resistant to cracking, chipping, peeling, fading and is softer on bare feet.

KoolFlex is available in an array of colors and textures that can be tailored to meet your specific pool deck or splash pad needs.

Acrylic Pool Deck:

FlexGround uses only the highest quality materials in order to provide our clients with a beautiful pool deck meant to stand the test of time.

Our standard pool decking systems are cementitious acrylic in nature and are offered in an array of colors, styles and texturing options. FlexGround pool decks are



applied by only approved master applicators. FlexGround's commitment to uncompromising quality means that we don't stop until clients are 100% satisfied.

Earth Tones



Colors may vary slightly from those pictured

Download specs and drawings at FlexGround.com

Aquatic Surfacing

Xtreme Water Play Surfacing Compliant At Its Core:

FlexGround's Xtreme Water Play line has been formulated to meet strict water play compliance standards mandated by the Department of Health. Our Xtreme Water Play surfacing uses only the highest quality, anti-microbial materials, and is non-porous from top to bottom.

Water Play Without Bounds:

FlexGround has worked closely with some of the industry's leading water play equipment manufacturers to offer an Xtreme Water Play line that is IPEMA certified and can be used in conjunction with water play equipment that requires ASTM 1292 compliance for impact attenuation and all necessary skid requirements. Your water play design capabilities now know no bounds.

Soft, durable surfacing for your water park or water play area.



Brights



Colors may vary slightly from those pictured

Integrating Flex Ground into your project will create a showcase of NDOVATIVE & OUALITY & SURFACING

SportFlex Standard

For resurfacing of minimally damaged areas

Cracking is repaired with a tension-resistant rubberized compound. Surface coated with a high grade color coating infused with our proprietary SportFlex emulsion.

SportFlex Premium For resurfacing of courts showing typical cracking and wear patterns

Cracking is repaired with a tension-resistant rubberized compound. Polymer infused cementitious base coat is applied to maintain expansionary integrety for a texture finished system. Surface coated with a high grade color coating infused with our proprietary SportFlex emulsion.

SportFlex Ultra For resurfacing of severely damaged courts showing structural degradation

1/4" - 3/8" rubberized base is poured-in-place over the existing surface to achieve maximum structural integrity. Base is grouted with a high adhesion, flexible grouting compound. Primed with polyolefin based primer. Surface coated with a high grade color coating infused with our proprietary SportFlex emulsion.





Sport Court Surfacing

CONTACT A FLEXGROUND REPRESENTATIVE FOR AVAILABLE COLORS FOR YOUR SPORT COURT SURFACING

Integrating FlexGround into your project will create a showcase of INNOVATIVE • QUALITY • SURFACING

Rubberized/PIP Surfacing

Synthetic Turf Surfacing

FlexGrout[™] High Wear Areas

High Wear Areas

FlexGround is proud to introduce our revolutionary and patent pending FlexGrout system. This newly engineered grouting compound repairs and strengthens rubberized surfacing systems, and has been tested to withstand even the most extreme conditions.

Tired of repairs to loose and granulated rubber in high-wear areas such as underneath swings or at slide exits? Or are you installing a new pad and just want to make sure you don't have to deal with that inevitable hassle? FlexGrout is the perfect option for use in high-wear areas. The grouting compound works itself deep into the core of the rubber in order to reinforce the strength of the pad in the areas subject to the most use and abuse. Even thousands of little feet are no match for FlexGrout!

FlexGrout:

FlexGrout is a medium viscosity grout engineered to penetrate and fill the voids between a pad's rubber granules. The precise formulation completes an integral bonding and color-based revitalization of the old rubber pad. All necessary slip/skid resistance is maintained by exposure of the pad's original rubber granules at the surface. FlexGrout is available in both standard and custom colors to fit the aesthetics of any playground.

ColorSeal:

ColorSeal is a color-based top dressing designed to reinvigorate the look and color of pads after they have been grouted with FlexGrout.

FlexGrout has been shown to actually increase compliance (over standardized surfacing) with industry recognized and mandated codes, including ASTM 1292 Head Impact Criteria and all skid and flammability mandates.



FlexGrout[™] High Wear Areas

FlexGrout can also be used on new or slightly used pads as a strengthening compound for areas of high wear and tear.

> Download specs and drawings at FlexGround.com

FlexCoat[™]

FlexCoat is a urethane top dressing which may be applied to any rubber safety surface. Our FlexCoat urethane coating rebinds the rubber granules, improving the product's useful life. FlexCoat also rejuvenates and refreshes surface colors. FlexCoat is recommended as a preventative maintenance application. To ensure longevity, it is recommended that a FlexCoat be applied every two years.

FlexFix™

Finding holes in your previously applied rubber surface? FlexGround can quickly and easily repair minor and major damage. Small repairs can be made in various designs and colors (triangles, circles, happy faces etc.) in order to create the appearance that the repaired area was part of the original design.

FlexTop™

FlexTop is the solution for widespread and severely damaged rubber. It consists of reapplying the EPDM or TPV top surface (and cushioning where needed). FlexTop will be applied 1/2" thick over top of the existing rubber to conceal any damage and maintain or improve critical fall height measures. You'll be amazed by the "brand new" look of your surface!

FlexGrout™

FlexGround's proprietary solution to old and worn pads. Please see pages 13-14.





Design Capabilites

Design Capabilites

Do you have that unique or special design in mind? Do you want your playground to stand out from the rest? FlexGround is fully equipped to help you design the rubberized pad of your dreams. Whether vegetables, horses, hopscotch, simple circles or a complex pattern... if you can dream it, we can design it. Consult with our design team today to begin building your masterpiece.

Who is FlexGround?



Riverview Park, Mesa, Arizona

As featured in Landscape Contractor and Landscape Architect Magazines "Riverview Park is... one of the largest continuous rubberized pads in the United States. [FlexGround] worked closely with other various contractors to make this dream a reality for the City of Mesa and the Chicago Cubs".

- Landscape Contractor Magazine, September 2014

But most importantly, our focus is you

"I give FlexGround an A+. The end product was exactly what I had hoped for and they really went out of their way to make sure I was happy. They were always punctual and conducted themselves in a professional manner throughout the installation process. I would highly recommend FlexGround, and will no doubt call them for all of my safety surfacing needs in the future."

- A. Potts, Scottsdale, Arizona

"Thank you for the beautiful splash pad that you donated and installed on the property of our Children's Shelter. The children staying with us have very much enjoyed it. It has even helped some of our children get over their fear of water and has been great entertainment for our children with sensory challenges! Thank you again for your donation and kindness; it is an addition to our program that will be treasured for many years to come."

> – Cassandra Rondel Asencio, Crisis Nursery, Phoenix, Arizona

"I want to also thank you, personally, for all of your understanding and assistance over the year it took to get this project going and completed. I know I changed my mind a dozen times... but throughout it all you were patient and understanding and for that we are so very grateful."

- J. Sherman, Phoenix, Arizona

We're philanthropic





O5 CBS5AZ.com

As Featured in Landscape Architect Magazine and CBS5az.com

"Chace Alderete, a 6-year old boy from Arizona was spirited, adventurous, kind-hearted and above all, enthusiastically caring. So, when in March 2013, Chace was tragically killed by a malfunctioning horse trailer at his favorite recreation facility... Flexground, with the assistance of...local volunteers, pledged to build a playground in his honor."

-Landscape Architect Magazine, June 2014

We've won an award or two



Inc. 5000	FlexGr Designs and sports areas	ristally spiratoria	playero	Durt's man
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359 1.5		Founded	2010	
Location	Tempe, AZ	who added.	26	
Employees	33	prev Tyeari		
	FlexSyound .co			
Website	Flexibilities			



"FlexGround named an Inc. 500 Fastest Growing Company"



"Sand is so last century. Step on a playground today and you'll probably find a spongy surface that provides both grip and safety padding. Much of this multicolored flooring comes from FlexGround..."

Let us prove it

A letter from our President and CEO

Thank you for considering FlexGround for your recreational surfacing needs. Client satisfaction is, and always has been, our primary goal. And while other companies may advertise a similar dedication to customer satisfaction, we here at FlexGround like to prove it. With that in mind, here is my personal cell phone number (480) 694-8320. Should you ever have a question or need go unattended, I invite you to call me directly. I assure you that every effort will be taken to ensure your total and complete satisfaction. Thank you again for your consideration.

- Bill J. Stafford, President and CEO, FlexGround

quatic Surfacing

888.571.1080

www.flexground.com





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HIGHEST QUALITY INDUSTRY STANDARD

FlexGround Standard is our traditional, poured-in-place rubber safety surfacing. It is a two-layer system consisting of a cushioned base, composed of a high quality recycled cushion layer, and a top surface made of 1/2" urethane-adhered EPDM rubber granules. Each granule is 1-3 mm in size.





888.571.1080

The FlexGround Standard Advantage:

- Can be modified to meet varying critical fall heights
- Offered in a wide array of colors
- Can be installed indoors or outdoors
- IPEMA Certified
- Suitable for all age play areas
- Wheelchair Accessible



www.flexground.com



HIGH QUALITY TPV PLAYGROUND SURFACING

EnduraFlex is a superior poured-in-place rubber surface. It consists of two layers: a cushioned base and a surface layer of TPV granules (each granule being 1-4 mm). TPV is a vulcanized product, making it better equipped to withstand daily wear and tear and color fading from UV exposure.



EnduraFlex is a more durable product, suitable for all age play areas, and may be installed indoors or outdoors. The materials are mixed and applied on-site so that the thickness can be modified to meet varying critical fall heights.

EnduraFlex is ADA compliant and IPEMA certified.

COLORS:

EnduraFlex is offered in a wide array of colors. Colors may be mixed or designed side-by-side. More intricate design work, involving numerous colors and patterns, is also available.



info@flexground.com

www.flexground.com





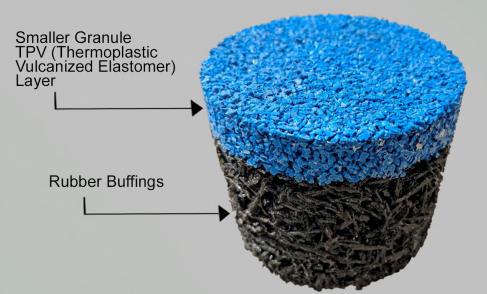
888.571.1080



OUR HIGHEST QUALITY POURED-IN-PLACE PRODUCT

UltraFlex is the highest quality, longest lasting rubber safety surfacing on the market. It is a poured-in-place two layer system, and uses a small granule (.5 - 1.5mm) TPV for the top surface wear course. Elevated urethane ratios bind the smaller granules together for a superior product.









The UltraFlex Advantage:

- Wide variety of colors
- Suitable for all age play areas
- Great for design work



- IPEMA Certified
- Thickness can be modified to meet varying critical fall heights

888.571.1080



GRAY

EGGSHELL

ORANGE

PURPLE

LITEBLUE

YELLOW



BLUE

GOLD

RED

BROWN

GREEN

VITRITURF standard colors





FlexGround Standard

Poured In Place Safety Surfacing

Manufacturer's Specifications

This document provides the specifications for a poured in place safety surfacing system composed of a wearing layer upper membrane and an underlying impact attenuation cushion layer.

There may be variations in the final specifications as required by the Client.

PART 1 – GENERAL

1.01 Work Included

Provide all labor, materials, and tools necessary for the complete installation of a poured in place safety surfacing system as outlined in these specifications. The system should consist of but not necessarily be limited to the following:

- A. Section includes: Resilient playground surfacing poured in place system.
- B. Related work: Playground equipment and resilient playground surfacing sub base.
- C. Quality Assurance: Manufacturer should have manufactured and installed playground poured in place safety surfaces for a minimum of 5 years, and meet current ASTM F 1292 Test Criteria. The installation of the poured in place product should be completed by FLEXGROUND. Manufacturer's detailed installation procedures should be submitted to the Architect and made part of the Bid Specifications.

1.02 Submittals

Prospective manufacturers and/or installers of the poured in place safety surfacing system should be required to comply with the following:

- A. The manufacturer must be experienced in the manufacturing of a poured in place safety surfacing system and provide references of five (5) specific installations in the last three (3) years.
- B. The installer must provide competent workmen skilled in this specific type of poured in place safety surfacing system installation. The designated supervisory personnel on the project must be competent in the installation of this material, including mixing of the materials, and spreading and compacting the materials correctly.

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- C. Installation should be in accordance with ASTM F1292 for Impact Attenuation of surface system under and around playground equipment. The poured in place system to be installed in compliance with the Critical Fall Height as determined by the Playground Equipment.
- D. IPEMA Certification specific to poured in place safety surfacing.
- E. IPEMA certification specific to ½" layer of 1-3mm EPDM over cushion layer. .5mm TPV or EPDM IPEMA certification not acceptable.
- F. Manufacturer should provide written instructions for recommended maintenance practices.
- G. Manufacturer should submit color samples for customer verification. Color samples shall be 6" x 6" of ½" top wearcourse layer with aromatic or aliphatic binder per client selection or specification; or 8 oz clear plastic jars with specified colored granules. Sample submittal format per client preference.

1.03 Definitions

- A. EPDM granules: EPDM rubber (ethylene propylene diene monomer(M-class) rubber), a type of synthetic rubber, is an elastomer characterized by a wide range of applications. The M refers to its classification in ASTM standard D-1418; the M class includes rubbers having a saturated chain of the polymethylene type.
- B. Critical Fall Height: A critical fall height (CFH) is the maximum height of fall from play equipment to the ground. It is important to note that safety surfaces do not prevent injury but aim to lessen the severity of any injury that may occur on falls from height.
- C. Fall Height: Fall height is a measurement defined as the "vertical distance between a designated play surface and the protective surfacing beneath it.
- D. SBR: Styrene-butadiene or styrene-butadiene rubber (SBR) describe families of synthetic rubbers derived from styrene and butadiene

1.04 ASTM Testing Standards – FlexGround Standard meets or exceeds all required ASTM standards below.

- A. ASTM D624 Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
- B. ASTM D2859 Standard Test Method for Flammability of Finished Textile Floor Covering Materials
- C. ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester
- D. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
- E. ASTM F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

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- F. ASTM C1028 Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull Meter Method – This standard replaces ASTM D2047
- G. ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers- Tension

1.05 WARRANTY AND MAINTENANCE

The bidder and/or poured in place safety surfacing manufacturer must provide the following:

- A. The poured in place safety surfacing manufacturer should provide a warranty to the owner that covers defects in materials and workmanship of the rubber for a period of **FIVE (5) years** from the date of Substantial Completion.
- B. The manufacturer's warranty should include general wear and tear. The warranty should specifically exclude vandalism, high heel punctures, acts of war or acts of nature beyond the control of the owner or the manufacturer.
- C. All poured in place warranties should be limited to repair or replacement of the affected areas and should include all necessary materials, labor, transportation costs, etc. to complete said repairs.
- D. The manufacturer should instruct the owner's personnel on proper maintenance and repair of the FLEXGROUND STANDARD safety surface.
- E. All warranties, expressed or implied, are contingent upon the following: 1. installation being performed by FLEXGROUND, 2: Owner, at owner's expense, having a Flexcoat performed at 2 year intervals from date of substantial completion, and 3. Full payment by the owner of all pertinent invoices and adherence to any required maintenance procedures.

Part 2 – FLEXGROUND STANDARD MATERIAL

The FLEXGROUND STANDARD poured in place safety surfacing system should be in accordance with the following:

- A. A dual durometer poured in place system with a wearing layer upper membrane and an underlying impact attenuation cushion layer. The finished surface should be porous and capable of being installed at varying thickness to comply with the Critical Fall Height requirements of the playground equipment.
- B. FLEXGROUND primer is a 100% solids urethane primer/sealer. It is designed with low viscosity and penetrating abilities making this an ideal priming urethane.
- C. The cushion layer should be a mixture of black recycled rubber mixed with a 100% solids moisture cured aliphatic or aromatic Polyurethane binder (100 pounds of rubberized cushion layer to 12

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pounds of binder) installed at the appropriate thickness. As an upgrade, a 5/8" chunk rubber derived only from high quality pre-consumer recycled rubber containing EPDM is available. The cushion layer should be porous.

- D. The FLEXGROUND STANDARD wearing surface should be manufactured from 1-3mm EPDM virgin colored rubber granules bonded by FLEXGROUND binder, 100% solids moisture cured aliphatic or aromatic Polyurethane binder (110 pounds of EPDM to 22 pounds of binder), and applied to a minimum thickness of ½" (12.7 mm) over the cushion layer.
- E. The system color should be selected from Manufacturer's Color Chart by owner prior to bid.

PART 3 – SITE PREPARATION AND BASE

The FLEXGROUND site preparation and base should be in accordance with the following:

- A. The sub-base will have a slope of 2%.
- B. The base aggregate should consist of a minimum of four inches (4") of ¾" Class 2 aggregate compacted to 95%. Finish slope of porous aggregate should be 2% from the centerline of the area to the perimeter, and the grade should not vary more than a quarter inch (¼") in ten feet (10').
- C. The sub base should be installed in two inch (2") lifts to appropriate thickness.
- D. The sub-base should be compacted using vibrating tamper, to approximately 95% Proctor density.
- E. The sub-grade should no longer have any vegetation.
- F. Sublevel grade is to be compacted prior to the ABC aggregate installation. Particular attention should be paid to areas of disturbed earth such as where footers for playground equipment enter the ground. Concrete used to fill said areas/footers should be poured to the top of sublevel surface.
- G. The sub-base installer and architect will accept the aggregate base in writing prior to the installation of the poured in place system.
- H. Any alterations must be agreed between all parties.
- Hard Base Construction: For concrete surfaces, shot blast, acid etch or power scarify as required to obtain optimal bond of the Cushion Layer to the concrete. Remove sufficient material to provide a sound surface, free of glaze, efflorescence, or form release agents. Remove grease, oil, and other penetrating contaminants.
- J. For concrete or asphalt surface that is not enclosed (i.e. a curb to curb pour), the concrete shall have keyway cuts 1.5" wide by 1.5" deep so that the system can be bull nosed down into the notch area.

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PART 4- EXECUTION AND INSTALLATION

The poured in place safety surfacing installer should strictly adhere to the installation procedures outlined under these sections. Any variance from these requirements should be accepted in writing by the manufacturer's onsite representative and submitted to the architect/owner, verifying that the changes do not in any way affect the warranty.

4.01 Primer

- A. A urethane primer should be applied to concrete, asphalt or wood surfaces at a rate of 200-250 square feet per gallon. The entire area does not need to be primed at once, instead, prime about 700 square feet at a time in immediate advance of rubber installation. This procedure should be continued until all areas are complete.
- B. The urethane primer should be applied to any playground equipment that will be surrounded by the poured in place safety surfacing system.

4.02 Cushion Layer

- A. The components of the poured in place safety surfacing should be mixed on site in a mixer to ensure a comprehensive mix according to manufacturer's instructions.
- B. The cushion layer comprised of SBR buffings shall be mixed with the aromatic or aliphatic moisture cure polyurethane binder at a rate of 12% of the total weight of the material thoroughly so that the binder is evenly dispersed into the rubber base. Or;
- C. The cushion layer comprised of non-tire derived SBR & EPDM Chunk Rubber shall be mixed with the appropriate amount of urethane so that the binder is evenly dispersed into the rubber base.
- D. The cushion layer mix should then be spread and troweled to the desired depth and allow to cure for 24 hours.

4.03 Wear Course Layer

- A. The wear course layer should be mixed with 1-3mm EPDM granules and urethane binder at a rate of 20% of the total weight of the materials so the granules are covered thoroughly and evenly.
- B. The wear course layer mix should be spread and troweled to a depth of a half inch $(\frac{1}{2}'')$.
- C. Where seams are required due to color change, a step configuration will be constructed to maintain wear surface integrity. Step seam shall overlap a minimum of 4". Butt seams are not acceptable.
- D. The finished texture shall be slip resistant, smooth and even.
- E. The poured in place surface should be allowed to cure for 24-72 hours or until dry to the touch.

PART 5- SITE (GENERAL)

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- A. Trailer/ Large truck access will be necessary for the installation. In the case that access for trailer/truck is not available the owner or general contractor will be responsible for transporting material to the job site.
- B. Crew is responsible for protecting the surface only while present on site. General Contractor or owner shall be responsible for the security of the surfacing overnight during installation, as well as during the product's cure period after completion of the install.
- C. Crew will leave site clean and shall remove all trash and debris.
- D. Owner/General contractor shall provide a dumpster for all waste and trash.

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FlexGround EnduraFlex

Poured In Place Safety Surfacing

Manufacturer's Specifications

This document provides the specifications for a poured in place safety surfacing system composed of a wearing layer upper membrane and an underlying impact attenuation cushion layer.

There may be variations in the final specifications as required by the Client.

PART 1 – GENERAL

1.01 Work Included

Provide all labor, materials, and tools necessary for the complete installation of a poured in place safety surfacing system as outlined in these specifications. The system should consist of, but not necessarily be limited to, the following:

- A. Section includes: Resilient playground surfacing poured in place system.
- B. Related work: Playground equipment and resilient playground surfacing sub base.
- C. Quality Assurance: Manufacturer should have manufactured and installed playground poured in place safety surfaces for a minimum of 5 years, and meet current ASTM F-1292 Test Criteria. The installation of the poured in place product should be completed by FLEXGROUND. Manufacturer's detailed installation procedures should be submitted to the Architect and made part of the Bid Specifications.

1.02 Submittals

Prospective manufacturers and/or installers of the poured in place safety surfacing system should be required to comply with the following:

- A. The manufacturer must be experienced in the manufacturing of a poured in place safety surfacing system and provide references of five (5) specific installations in the last three (3) years.
- B. The installer must provide competent workmen skilled in this specific type of poured in place safety surfacing system installation. The designated supervisory personnel on the project must be competent in the installation of this material, including mixing, spreading and compacting the materials correctly.
- C. Installation should be in accordance with ASTM F1292 for Impact Attenuation of surface system under and around playground equipment. The poured in place system to be installed in compliance with the Critical Fall Height as determined by the Playground Equipment.

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- D. IPEMA Certification specific to poured in place safety surfacing.
- E. IPEMA certification specific to ½" layer of 1-4mm TPV over cushion layer .5mm TPV or EPDM IPEMA certification not acceptable.
- F. Manufacturer should provide written instructions for recommended maintenance practices.
- G. Manufacturer should submit color samples for customer verification. Color samples shall be 6" x 6" of ½" top wearcourse layer with aromatic or aliphatic binder per client selection or specification; or 8 oz clear plastic jars with specified colored granules. Sample submittal format per client preference.

1.03 Definitions

- A. EPDM granules: EPDM rubber (ethylene propylene diene monomer (M-class) rubber), a type of synthetic rubber, is an elastomer characterized by a wide range of applications. The M refers to its classification in ASTM standard D-1418; the M class includes rubbers having a saturated chain of the polymethylene type.
- **B.** Critical Fall Height: A critical fall height (CFH) is the maximum height of fall from play equipment to the ground. It is important to note that safety surfaces do not prevent injury but aim to lessen the severity of any injury that may occur on falls from stated height(s).
- **C.** Fall Height: Fall height is a measurement defined as the vertical distance between a designated play surface and the protective surfacing beneath it.
- **D.** TPV: Thermoplastic Vulcanized Elastomer. Developed using resin and synthetic rubber with higher UV stabilization.
- **E.** SBR: Styrene-butadiene or styrene-butadiene rubber (SBR) describe families of synthetic rubbers derived from styrene and butadiene.
- **1.04** ASTM Testing Standards FlexGround Standard meets or exceeds all required ASTM standards below.
 - A. ASTM D624 Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
 - B. ASTM D2859 Standard Test Method for Flammability of Finished Textile Floor Covering Materials
 - C. ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester
 - D. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
 - E. ASTM F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

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- F. ASTM C1028 Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull Meter Method – This standard replaces ASTM D2047
- G. ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers- Tension

1.05 Warranty and Maintenance

The bidder and/or poured in place safety surfacing manufacturer must provide the following:

- A. The poured in place safety surfacing manufacturer should provide a warranty to the owner that covers defects in materials and workmanship of the rubber for a period of **FIVE (5) years** from the date of Substantial Completion.
- B. The manufacturer's warranty should include general wear and tear. The warranty should specifically exclude vandalism, high heel punctures, acts of war or acts of nature beyond the control of the owner or the manufacturer.
- C. All poured in place warranties should be limited to repair or replacement of the affected areas and should include all necessary materials, labor, transportation costs, etc. to complete said repairs.
- D. The manufacturer should instruct the owner's personnel on proper maintenance and repair of the ENDURAFLEX safety surface.
- E. All warranties, expressed or implied, are contingent upon the following: 1. installation being performed by FLEXGROUND, 2: Owner, at owner's expense, having a Flexcoat performed at 2 year intervals from date of substantial completion, and 3. Full payment by the owner of all pertinent invoices and adherence to any required maintenance procedures.

PART 2 – ENDURAFLEX MATERIAL

The ENDURAFLEX poured in place safety surfacing system should be in accordance with the following:

- A. A dual durometer poured in place system with a wearing layer upper membrane and an underlying impact attenuation cushion layer. The finished surface should be porous and capable of being installed at varying thickness to comply with the Critical Fall Height requirements of the playground equipment.
- B. FLEXGROUND primer is a 100% solids urethane primer/sealer. It is designed with low viscosity and penetrating abilities making this an ideal priming urethane.
- C. The cushion layer should be a mixture of black recycled rubber mixed with a 100% solids moisture cured aliphatic or aromatic Polyurethane binder (100 pounds of rubberized cushion layer to 12 pounds of binder) installed at the appropriate thickness. As an upgrade, a 5/8" chunk rubber

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derived only from high quality pre-consumer recycled rubber containing EPDM is available. The cushion layer should be porous.

- D. The ENDURAFLEX wearing surface should be manufactured from 1-4mm Thermoplastic Vulcanized (TPV) virgin colored rubber granules bonded by FLEXGROUND binder, 100% solids moisture cured aliphatic or aromatic Polyurethane binder (110 pounds of TPV to 22 pounds of binder), and applied to a minimum thickness of ½" (12.7 mm) over the cushion layer.
- E. The system color should be selected from Manufacturer's Color Chart by owner prior to bid.

PART 3 – SITE PREPARATION AND BASE

The ENDURAFLEX site preparation and base should be in accordance with the following:

- A. The sub-base will have a slope of 2%.
- B. The base aggregate should consist of a minimum of four inches (4") of ¾" Class 2 aggregate compacted to 95%. Finish slope of porous aggregate should be 2% from the centerline of the area to the perimeter, and the grade should not vary more than a quarter inch (¼") in ten feet (10').
- C. The sub base should be installed in two inch (2") lifts to appropriate thickness.
- D. The sub-base should be compacted using vibrating tamper, to approximately 95% Proctor density.
- E. The sub-base should no longer have any vegetation.
- F. Subgrade prior to aggregate installation: Sublevel grade is to be compacted prior to the ABC aggregate installation. Particular attention should be paid to areas of disturbed earth such as where footers for playground equipment enter the ground. Concrete used to fill said areas/footers should be poured to the top of sublevel surface.
- G. The sub-base installer and architect will accept the aggregate base in writing prior to the installation of the poured in place system.
- H. Any alterations must be agreed between all parties.
- I. Hard Base Construction: For concrete surfaces, shot blast, acid etch or power scarify as required to obtain optimal bond of the Cushion Layer to the concrete. Remove sufficient material to provide a sound surface, free of glaze, efflorescence, or form release agents. Remove grease, oil, and other penetrating contaminants.
- J. For concrete or asphalt surface that is not enclosed (i.e. a curb to curb pour), the concrete shall have keyway cuts 1.5" wide by 1.5" deep so that the system can be bull nosed down into the notch area.

PART 4- EXECUTION AND INSTALLATION

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The poured in place safety surfacing installer should strictly adhere to the installation procedures outlined under these sections. Any variance from these requirements should be accepted in writing by the manufacturer's onsite representative and submitted to the architect/owner, verifying that the changes do not in any way affect the warranty.

4.01 Primer

- A. A urethane primer should be applied to concrete, asphalt or wood surfaces at a rate of 200-250 square feet per gallon. The entire area does not need to be primed at once, instead, prime about 700 square feet at a time in immediate advance of rubber installation. This procedure should be continued until all areas are complete.
- B. The urethane primer should be applied to any playground equipment that will be surrounded by the poured in place safety surfacing system.

4.02 Cushion Layer

- A. The components of the poured in place safety surfacing should be mixed on site in a mixer to ensure a comprehensive mix according to manufacturer's instructions.
- B. The cushion layer comprised of SBR buffings shall be mixed with the aromatic or aliphatic moisture cure polyurethane binder at a rate of 12% of the total weight of the material thoroughly so that the binder is evenly dispersed into the rubber base.
- C. The cushion layer comprised of non-tire derived SBR & EPDM Chunk Rubber shall be mixed with the appropriate amount of urethane so that the binder is evenly dispersed into the rubber base.
- D. The cushion layer mix should then be spread and troweled to the desired depth and allow to cure for 24 hours.

4.03 Wear Course Layer

- A. The wear course layer should be mixed with 1-4mm TPV granules and urethane binder at a rate of 20% of the total weight of the materials so the granules are covered thoroughly and evenly.
- B. The wear course layer mix should be spread and troweled to a depth of a half inch $(\frac{1}{2}'')$.
- C. Where seams are required due to color change, a step configuration with a 4" overlap will be constructed to maintain wear surface integrity.
- D. The finished texture shall be slip resistant, smooth and even.
- E. The poured in place surface should be allowed to cure for 24-72 hours or until dry to the touch.

PART 5- SITE (GENERAL)

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- A. Trailer/ Large truck access will be necessary for the installation. In the case that access for trailer/truck is not available the owner or general contractor will be responsible for transporting material to the job site.
- B. Crew is responsible for protecting the surface only while present on site. General Contractor or owner shall be responsible for the security of the surfacing overnight during installation, as well as during the product's cure period after completion of the install.
- C. Crew will leave site clean and shall remove all trash and debris.
- D. Owner/General contractor shall provide a dumpster for all waste and trash.

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EnduraFlex & Xtreme

Poured In Place Safety Surfacing

Manufacturer's Specifications

This document provides the specifications for a poured in place safety surfacing system composed of a wearing layer upper membrane and an underlying impact attenuation cushion layer.

There are variations in the final specifications as required by the Client.

PART 1 – GENERAL

1.01 Work Included

Provide all labor, materials, and tools necessary for the complete installation of a poured in place safety surfacing system as outlined in these specifications. The system should consist of but not necessarily be limited to the following:

- A. Section includes: Resilient playground surfacing poured in place system.
- B. Related work: Playground equipment and resilient playground surfacing sub base.
- C. Quality Assurance: Manufacturer should have manufactured and installed playground poured in place safety surfaces for a minimum of 5 years, and meet current ASTM F-1292 Test Criteria. The installation of the poured in place product should be completed by FLEXGROUND. Manufacturer's detailed installation procedures should be submitted to the Architect and made part of the Bid Specifications.

1.02 Submittals

Prospective manufacturers and/or installers of the poured in place safety surfacing system should be required to comply with the following:

- A. The manufacturer must be experienced in the manufacturing of a poured in place safety surfacing system and provide references of five (5) specific installations in the last three (3) years.
- B. The installer must provide competent workmen skilled in this specific type of poured in place safety surfacing system installation. The designated supervisory personnel on the project must be competent in the installation of this material, including mixing of the materials, and spreading and compacting the materials correctly.
- C. Installation should be in accordance with ASTM F1292 for Impact Attenuation of surface system under and around playground equipment. The poured in place system to be installed in compliance with the Critical Fall Height as determined by the Playground Equipment.

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- D. IPEMA Certification specific to poured in place safety surfacing.
- E. IPEMA certification specific to ½" layer of 1-4mm TPV over cushion layer .5mm TPV or EPDM IPEMA certification not acceptable.
- F. Manufacturer should provide written instructions for recommended maintenance practices.
- G. Manufacturer should submit color samples for customer verification. Color samples shall be 6" x 6" of ½" top wearcourse layer with aromatic or aliphatic binder per client selection or specification; or clear plastic jars with specified colored granules. Sample submittal format per client preference.

1.03 Definitions

- A. EPDM granules: EPDM rubber (ethylene propylene diene monomer (M-class) rubber), a type of synthetic rubber, is an elastomer characterized by a wide range of applications. The M refers to its classification in ASTM standard D-1418; the M class includes rubbers having a saturated chain of the polymethylene type.
- B. Critical Fall Height: A critical fall height (CFH) is the maximum height of fall from play equipment to the ground. It is important to note that safety surfaces do not prevent injury but aim to lessen the severity of any injury that may occur on falls from height.
- C. Fall Height: Fall height is a measurement defined as the vertical distance between a designated play surface and the protective surfacing beneath it.
- D. TPV: Thermoplastic Vulcanized Elastomer. Developed using resin and synthetic rubber with higher UV stabilization.
- E. SBR: Styrene-butadiene or styrene-butadiene rubber (SBR) describe families of synthetic rubbers derived from styrene and butadiene.

1.04 ASTM Testing Standards – FlexGround Standard meets or exceeds all required ASTM standards below.

- A. ASTM D624 Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
- B. ASTM D2859 Standard Test Method for Flammability of Finished Textile Floor Covering Materials
- C. ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester
- D. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
- E. ASTM F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

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- F. ASTM C1028 Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull Meter Method – This standard replaces ASTM D2047
- G. ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers- Tension

1.05 Warranty and Maintenance

The bidder and/or poured in place safety surfacing manufacturer must provide the following:

- A. The poured in place safety surfacing manufacturer should provide a warranty to the owner that covers defects in materials and workmanship of the rubber for a period of **FIVE (5) years** from the date of Substantial Completion.
- B. The manufacturer's warranty should include general wear and tear. The warranty should specifically exclude vandalism, high heel punctures, acts of war or acts of nature beyond the control of the owner or the manufacturer.
- C. All poured in place warranties should be limited to repair or replacement of the affected areas and should include all necessary materials, labor, transportation costs, etc. to complete said repairs. All warranties are contingent on the full payment by the owner of all pertinent invoices and adherence to any required maintenance procedures.
- D. The installer should clean the jobsite of excess materials and, if necessary, backfill any excavation around the perimeter with earth or other appropriate fill material.
- E. The manufacturer should instruct the owner's personnel on proper maintenance and repair of the ENDURAFLEX safety surface.

PART 2 – ENDURAFLEX MATERIAL

The ENDURAFLEX poured in place safety surfacing system should be in accordance with the following:

- A. A dual durometer poured in place system with a wearing layer upper membrane and an underlying impact attenuation cushion layer. The finished surface should be porous and capable of being installed at varying thickness to comply with the Critical Fall Height requirements of the playground equipment.
- B. FLEXGROUND primer is a 100% solids urethane primer/sealer. It is designed with low viscosity and penetrating abilities making this an ideal priming urethane.
- C. The cushion layer should be a mixture of black recycled SBR rubber buffings mixed with a 100% solids moisture cured MDI Polyurethane binder or aliphatic (100 pounds of SBR rubber buffings to 12 pounds of binder) installed at the appropriate thickness.

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- D. The ENDURAFLEX wearing surface should be manufactured from 1-4mm Thermoplastic Vulcanized (TPV) virgin colored rubber granules bonded by FLEXGROUND binder, 100% solids moisture cured UV resistant Aliphatic binder (110 pounds of TPV to 22 pounds of binder), and applied to a minimum thickness of ½" (12.7 mm) over the cushion layer.
- E. The system color should be selected from Manufacturer's Color Chart by owner prior to bid.

PART 3 – XTREME SURFACING MATERIAL – under swings and bottom of slides

The XTREME SURFACING poured in place safety surfacing system should be in accordance with the following:

- A. The XTREME SURFACING wearing surface should be manufactured from Thermoplastic Vulcanized (TPV) virgin colored rubber mixed with Aliphatic urethane binder (110 pounds of TPV to 22 pounds of binder).
- B. FlexGrout should be a thixotropic aliphatic thermoplastic paste applied at 1 gallon per 40 square feet over wear course layer rendering it non porous.
- C. FlexGrout thermoplastic composite grout was tested by QAI Laboratories for the following:
 - i. ASTM D 2047-11 Coefficient of Friction: Polish Flooring Surface. (Test Report #QI1411123-4) FlexGrout has been tested and certified at a friction of .588 dry standard, and .817 wet standard.
 - ii. ASTM D4 12-06ae2 ThermoPlastic Elastomers Tension. (Test Report #QI1305148-2)
 FlexGrout has been tested and certified at a Peak Tensile Strength of 163psi; chlorine soaked at 133psi; and a Tensile Elongation at Break of 132.2%; chlorine soaked at 112.2%.
 - iii. ASTM D624-00(2012) Tear Strength. (Test Report #QI1305148-2)
 FlexGrout has been tested and certified with a median Maximum Tear Strength of 75.74lbs; chlorine soaked at 70.03lbs.
- D. A water-based aliphatic composite color seal should be applied at 200 sq. ft. per gallon and spread evenly to cover entire surface. Acrylic and latex based coatings are not acceptable.
- E. The system color should be selected from Manufacturer's Color Chart by owner prior to bid.

PART 4 – SITE PREPARATION AND BASE

The ENDURAFLEX site preparation and base should be in accordance with the following:

- A. The sub-base will have a slope of 2%.
- B. The base aggregate should consist of a minimum of four inches (4") free-draining stone compacted to 95%. Finish slope of porous aggregate should be 2% from the centerline of the area to the perimeter, and the grade should not vary more than a quarter inch ($\frac{1}{4}$ ") in ten feet (10').

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- C. The sub base should be installed in two inch (2") lifts to appropriate thickness.
- D. The sub-base should be compacted using vibrating tamper, to approximately 95% Proctor density.
- E. The sub-grade should no longer have any vegetation.
- F. Subgrade prior to aggregate installation: Sublevel grade is to be compacted prior to the ABC aggregate installation. Particular attention should be paid to areas of disturbed earth such as where footers for playground equipment enter the ground. Concrete should be poured to the top of sublevel surface.
- G. The poured in place safety surfacing manufacturer and architect will accept the aggregate base in writing prior to the installation of the poured in place system.
- H. Any alterations must be agreed between all parties.
- I. Hard Base Construction: For concrete surfaces, shot blast, acid etch or power scarify as required to obtain optimum bond of the Cushion Layer to the concrete. Remove sufficient material to provide a sound surface, free of glaze, efflorescence, or form release agents. Remove grease, oil, and other penetrating contaminants.

PART 5 – EXECUTION AND INSTALLATION

The poured in place safety surfacing installer should strictly adhere to the installation procedures outlined under these sections. Any variance from these requirements should be accepted in writing by the manufacturer's onsite representative and submitted to the architect/owner, verifying that the changes do not in any way affect the warranty.

5.01 Perimeter

- A. A urethane primer should be applied to concrete, asphalt or wood surfaces at a rate of 200-250 square feet per gallon. The entire area does not need to be primed at once, instead, prime about 700 square feet at a time. This procedure should be continued until all areas are complete.
- B. The urethane primer should be applied to any playground equipment that will be surrounded by the poured in place safety surfacing system.

5.02 Cushion Layer

- A. The components of the poured in place safety surfacing should be mixed on site in a mixer to ensure a comprehensive mix according to manufacturer's instructions.
- B. The cushion layer comprised of SBR buffings shall be mixed with the MDI moisture cure polyurethane binder at a rate of 12% of the total weight of the material thoroughly so that the binder is evenly dispersed into the rubber base.

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C. The cushion layer mix should then be spread and troweled to the desired depth and allow to cure for 24 hours.

5.03 Wear Course Layer

- A. The wear course layer should be mixed with 1-4mm TPV granules and Aliphatic urethane binder at a rate of 20% of the total weight of the materials so the granules are covered thoroughly and evenly.
- B. The wear course layer mix should be spread and troweled to a depth of a half inch $(\frac{1}{2}'')$ immediately after the application of primer.
- C. Where seams are required due to color change, a step configuration with a 4" overlap will be constructed to maintain wear surface integrity.
- D. The finished texture should be slip resistant, smooth and even.
- E. The poured in place surface should be allowed to cure for 24-72 hours or until dry to the touch.

5.04 Xtreme – FlexGrout Layer

- A. The wear course layer should be sealed with an aliphatic thermoplastic composite grout. FlexGrout should be spread with a trowel at a rate of 1 gallon per 40 square feet.
- B. Pressure should be applied to the trowel with enough force to push the grout into the wear course layer, rendering it impermeable.
- C. The finished texture should be slip resistant, smooth and even.
- D. The poured in place surface should be allowed to cure for 24-72 hours or until dry to the touch.

Approved product: FlexGrout by FlexGround, LLC Contact: Sandi Walsh <u>swalsh@flexground.com</u> 916-474-5431

5.05 Xtreme - FlexCoat Color Seal Layer

- A. The color seal should consist of a water based aliphatic thermoplastic composite liquid. Acrylic and latex based coatings are not acceptable. Color seal should be roll applied to completely cover entire surface.
- B. The color seal should be allowed to cure for 24-72 hours or until dry to touch. The finished texture should be slip resistant, smooth and even.
- C. The poured in place surface should be allowed to cure for 24-72 hours or until dry to the touch.

Approved product: ColorSeal by FlexGround, LLC Contact: Sandi Walsh <u>swalsh@flexground.com</u> 916-474-5431

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PART 6 - SITE (GENERAL)

- A. Trailer/Large truck access will be necessary for the installation. In the case that access for trailer/truck is not available the owner or general contractor will be responsible for transporting material to the job site.
- B. Crew is responsible for protecting the surface only while on site. General Contractor or owner shall be responsible for the security of the surfacing overnight during installation, as well as during the surfacing's curing period upon completion of the install.
- C. Crew will leave site clean and shall remove all trash and debris.
- D. Owner/General contractor shall provide a dumpster for all waste and trash.

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FlexGround UltraFlex

Poured In Place Safety Surfacing

Manufacturer's Specifications

This document provides the specifications for a poured in place safety surfacing system composed of a wearing layer upper membrane and an underlying impact attenuation cushion layer.

There may be variations in the final specifications as required by the Client.

PART 1 – GENERAL

1.01 Work Included

Provide all labor, materials, and tools necessary for the complete installation of a poured in place safety surfacing system as outlined in these specifications. The system should consist of, but not necessarily be limited to, the following:

- A. Section includes: Resilient playground surfacing poured in place system.
- B. Related work: Playground equipment and resilient playground surfacing sub base.
- C. Quality Assurance: Manufacturer should have manufactured and installed playground poured in place safety surfaces for a minimum of 5 years, and meet current ASTM F-1292 Test Criteria. The installation of the poured in place product should be completed by FLEXGROUND. Manufacturer's detailed installation procedures should be submitted to the Architect and made part of the Bid Specifications.

1.02 Submittals

Prospective manufacturers and/or installers of the poured in place safety surfacing system should be required to comply with the following:

- A. The manufacturer must be experienced in the manufacturing of a poured in place safety surfacing system and provide references of five (5) specific installations in the last three (3) years.
- B. The installer must provide competent workmen skilled in this specific type of poured in place safety surfacing system installation. The designated supervisory personnel on the project must be competent in the installation of this material, including mixing, spreading and compacting the materials correctly.
- C. Installation should be in accordance with ASTM F1292 for Impact Attenuation of surface system under and around playground equipment. The poured in place system to be installed in compliance with the Critical Fall Height as determined by the Playground Equipment.

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- D. IPEMA Certification specific to poured in place safety surfacing.
- E. IPEMA certification specific to ½" layer of .5mm TPV or EPDM over cushion layer. 1 4 mm TPV or EPDM IPEMA certification not acceptable.
- F. Manufacturer should provide written instructions for recommended maintenance practices.
- G. Manufacturer should submit color samples for customer verification. Color samples shall be 6" x 6" of ½" top wear course layer with aliphatic binder per client selection or specification; or 8 oz clear plastic jars with specified colored granules. Sample submittal format per client preference.

1.03 Definitions

- A. EPDM granules: EPDM rubber (ethylene propylene diene monomer (M-class) rubber), a type of synthetic rubber, is an elastomer characterized by a wide range of applications. The M refers to its classification in ASTM standard D-1418; the M class includes rubbers having a saturated chain of the polymethylene type.
- **B.** Critical Fall Height: A critical fall height (CFH) is the maximum height of fall from play equipment to the ground. It is important to note that safety surfaces do not prevent injury but aim to lessen the severity of any injury that may occur on falls from stated height(s).
- **C.** Fall Height: Fall height is a measurement defined as the vertical distance between a designated play surface and the protective surfacing beneath it.
- **D.** TPV: Thermoplastic Vulcanized Elastomer. Developed using resin and synthetic rubber with higher UV stabilization.
- **E.** SBR: Styrene-butadiene or styrene-butadiene rubber (SBR) describe families of synthetic rubbers derived from styrene and butadiene.

1.04 ASTM Testing Standards – FlexGround Standard meets or exceeds all required ASTM standards below.

- A. ASTM D624 Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
- B. ASTM D2859 Standard Test Method for Flammability of Finished Textile Floor Covering Materials
- C. ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester
- D. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
- E. ASTM F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment
- F. ASTM C1028 Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull Meter Method – This standard replaces ASTM D2047

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G. ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers- Tension

1.05 Warranty and Maintenance

The bidder and/or poured in place safety surfacing manufacturer must provide the following:

- A. The poured in place safety surfacing manufacturer should provide a warranty to the owner that covers defects in materials and workmanship of the rubber for a period of **SEVEN (7) years** when TPV is used or **FIVE (5) years** if EPDM is used, from the date of Substantial Completion.
- B. The manufacturer's warranty should include general wear and tear. The warranty should specifically exclude vandalism, high heel punctures, acts of war or acts of nature beyond the control of the owner or the manufacturer.
- C. All poured in place warranties should be limited to repair or replacement of the affected areas and should include all necessary materials, labor, transportation costs, etc. to complete said repairs.
- D. The manufacturer should instruct the owner's personnel on proper maintenance and repair of the ULTRAFLEX safety surface.
- E. All warranties, expressed or implied, are contingent upon the following: 1. installation being performed by FLEXGROUND, 2: Owner, at owner's expense, having a Flexcoat performed at 2 year intervals from date of substantial completion, and 3. Full payment by the owner of all pertinent invoices and adherence to any required maintenance procedures.

PART 2 – ULTRAFLEX MATERIAL

The ULTRAFLEX poured in place safety surfacing system should be in accordance with the following:

- A. A dual durometer poured in place system with a wearing layer upper membrane and an underlying impact attenuation cushion layer. The finished surface should be porous and capable of being installed at varying thickness to comply with the Critical Fall Height requirements of the playground equipment.
- B. FLEXGROUND primer is a 100% solids urethane primer/sealer. It is designed with low viscosity and penetrating abilities making this an ideal priming urethane.
- C. The cushion layer should be a mixture of black recycled rubber mixed with a 100% solids moisture cured aliphatic or aromatic Polyurethane binder (100 pounds of rubberized cushion layer to 12 pounds of binder) installed at the appropriate thickness. As an upgrade, a 5/8" chunk rubber derived only from high quality pre-consumer recycled rubber containing EPDM is available. The cushion layer should be porous.
- D. The ULTRAFLEX wearing surface should be manufactured from .5mm TPV or EPDM virgin colored rubber granules bonded by FLEXGROUND binder, 100% solids moisture cured aliphatic or aromatic

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Polyurethane binder (110 pounds of TPV to 24.2 pounds of binder), and applied to a minimum thickness of $\frac{1}{2}$ " (12.7 mm) over the cushion layer.

E. The system color should be selected from Manufacturer's Color Chart by owner prior to bid.

PART 3 – SITE PREPARATION AND BASE

The ULTRAFLEX site preparation and base should be in accordance with the following:

- A. The sub-base will have a slope of 2%.
- B. The base aggregate should consist of a minimum of four inches (4") of ¾" Class 2 aggregate compacted to 95%. Finish slope of porous aggregate should be 2% from the centerline of the area to the perimeter, and the grade should not vary more than a quarter inch (¼") in ten feet (10').
- C. The sub-base should be installed in two inch (2") lifts to appropriate thickness.
- D. The sub-base should be compacted using vibrating tamper, to approximately 95% Proctor density.
- E. The sub-base should no longer have any vegetation.
- F. Subgrade prior to aggregate installation: Sublevel grade is to be compacted prior to the ABC aggregate installation. Particular attention should be paid to areas of disturbed earth such as where footers for playground equipment enter the ground. Concrete used to fill said areas/footers should be poured to the top of sublevel surface.
- G. The sub-base installer and architect will accept the aggregate base in writing prior to the installation of the poured in place system.
- H. Any alterations must be agreed between all parties.
- I. Hard Base Construction: For concrete surfaces, shot blast, acid etch or power scarify as required to obtain optimal bond of the Cushion Layer to the concrete. Remove sufficient material to provide a sound surface, free of glaze, efflorescence, or form release agents. Remove grease, oil, and other penetrating contaminants.
- J. For concrete or asphalt surface that is not enclosed (i.e. a curb to curb pour), the concrete shall have keyway cuts 1.5" wide by 1.5" deep so that the system can be bull nosed down into the notch area.

PART 4- EXECUTION AND INSTALLATION

The poured in place safety surfacing installer should strictly adhere to the installation procedures outlined under these sections. Any variance from these requirements should be accepted in writing by the manufacturer's onsite representative and submitted to the architect/owner, verifying that the changes do not in any way affect the warranty.

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4.01 Primer

- A. A urethane primer should be applied to concrete, asphalt or wood surfaces at a rate of 200-250 square feet per gallon. The entire area does not need to be primed at once, instead, prime about 700 square feet at a time in immediate advance of rubber installation. This procedure should be continued until all areas are complete.
- B. The urethane primer should be applied to any playground equipment that will be surrounded by the poured in place safety surfacing system.

4.02 Cushion Layer

- A. The components of the poured in place safety surfacing should be mixed on site in a mixer to ensure a comprehensive mix according to manufacturer's instructions.
- B. The cushion layer comprised of SBR buffings shall be mixed with the aromatic or aliphatic moisture cure polyurethane binder at a rate of 12% of the total weight of the material thoroughly so that the binder is evenly dispersed into the rubber base. Or;
- C. The cushion layer comprised of non-tire derived SBR & EPDM Chunk Rubber shall be mixed with the appropriate amount of urethane so that the binder is evenly dispersed into the rubber base.
- D. The cushion layer mix should then be spread and troweled to the desired depth and allow to cure for 24 hours.

4.03 Wear Course Layer

- A. The wear course layer should be mixed with .5mm TPV or EPDM granules and aliphatic urethane binder at a rate of 22% of the total weight of the materials so the granules are covered thoroughly and evenly.
- B. The wear course layer mix should be spread and troweled to a depth of a half inch $(\frac{1}{2}'')$.
- C. Where seams are required due to color change, a step configuration with a 4" overlap will be constructed to maintain wear surface integrity.
- D. The finished texture shall be slip resistant, smooth and even.
- E. The poured in place surface should be allowed to cure for 24-72 hours or until dry to the touch.

PART 5- SITE (GENERAL)

A. Trailer/ Large truck access will be necessary for the installation. In the case that access for trailer/truck is not available the owner or general contractor will be responsible for transporting material to the job site.

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- B. Crew is responsible for protecting the surface only while present on site. General Contractor or owner shall be responsible for the security of the surfacing overnight during installation, as well as during the product's cure period after completion of the install.
- C. Crew will leave site clean and shall remove all trash and debris.
- D. Owner/General contractor shall provide a dumpster for all waste and trash.

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PART I -- GENERAL

Vitriturf Bondflex-E System

- 1.00 SCOPE: This is a Manufacturer's Specification on the Bondflex version of the VITRITURF System.
- 1.01 DESCRIPTION: Provide all labor, materials and equipment necessary to install the VITRITURF System.
- 1.02 QUALITY ASSURANCE
- A. Qualifications
- 1. VITRITURF shall have marketed this system in the United States for at least five years.
- 2. The Applicator shall be trained and registered by VITRITURF
- B. Design and Detailing
- 1. General
- a. VITRITURF Bondflex System is utilized wherever an impact, absorbing cushioned surface is required.
- 2. Substrate and Substrate Systems
- a. Check application manual for specific instructions on substrate.
- 3. Acceptable Substrates for the VITRITURF System include asphalt. concrete and compacted stone.
- 4. Other Substrates shall be approved by VITRITURF prior to application.
- 5. The Trained Applicator shall verify that the proposed Substrate is acceptable with application of the VITRITURF System.
- 6. Substrate Systems shall be engineered with regard to structural performance.
- 7. Follow VITRITURF's published details with specific recommendations for this project.

1.03 SUBMITTALS:

A. Trained Applicator shall submit 2' (610mm) x 4' 1220mm) samples of the VITRITURF System.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver all materials in original unopened packages with labels intact. B. Store all materials protected from weather and at temperature not less than 40 F.

1.05 JOB CONDITIONS:

A. Ambient air temperature shall be 32 F at the time of installation of the VITRITURF System. The System may be installed with temperatures below 40. The temperature only affects the system in workability of the materials and the dry time. The lower the temperature, the thicker the viscosity of the binder and the dry time may become delayed. B. Adjacent materials and the VITRITURF System shall be protected during installation while curing and/or unattended from weather and other damage.

1.06 ALTERNATES AND ALLOWANCES:

A. Systems to be considered equal to those specified herein shall be approved by then Architect, in writing, at least ten working days prior to the project bid date.

PART II -- PRODUCTS

2.01 GENERAL: All components of the VITRITURF System shall be obtained from VITRITURF or its authorized distributors. No substitutions of, or additions of, other materials shall be submitted without prior written permission from VITRITURF. 2.02 MATERIALS

A. VITRITURF Wire Mesh: A coated welded wire mesh meeting the requirements of the Vitriturf Bondflex System.

B. VITRITURF BINDER: A proprietary, elastic Polyurethane Pre-Polymer, MDI based. Extremely low odor, capable of excellent weathering and binding characteristics. Binder shall contain no TDI Monomers.

C. VITRITURF Bondflex Rubber: A combination of post consumer, non-tire shredded rubber with various sizings with non larger than 1/2"

D. VITRITURF EPDM Rubber: A man-made rubber containing minimum of 30% EPDM and having a density of 1.5-0.05.

1. Is available in assorted colors.

2. Is available in three sizes: 1-3mm, 0.5-1.5mm and 0.40-08mm (dust)

E. VITRITURF Mid Level Rubber: A man made rubber containing post consumer rubber with various sizings.

D. The VITRITURF System shall have been tested for ASTM-1292-09, non slip characteristics under ASTM-E303, tested for ease of ignition under BS-5696 and ASTM-D-2859.

2.03 MIXING AND PREPARATION: A. Mixture of binder/rubber will be determined by the system which is specified. PART III-- EXECUTION

3.01 INSPECTION:

A. Prior to application of VITRITURF System the Substrates shall be examined for compliance with the contract documents of VITRITURF specifications. The General Contractor and Architect shall be advised of all discrepancies. Work shall not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION:

VITRITURF Bondflex System

- 1. Place Bondflex Rubber on sub-base at 4"
- 2. Place Bondflex welded wire mesh reinforcement on top of loose laid Bondflex Rubber
- 3 Mix Mid Level Rubber to VITRITURF Binder in a ratio of 82/18 and apply to desired thickness with a steel trowel.
- 4 Mix VITRITURF EPDM to VITRITURF Binder in a ratio of 82/18 and apply to 1/2"

SPECIFICATIONS

V-10 SYSTEM

PART I -- GENERAL

1.00 SCOPE: This is a Manufacturer's Specification on the Playground version of the VITRITURF V-10 System.

1.01 DESCRIPTION: Provide all labor, materials and equipment necessary to install the VITRITURF System.

1.02 QUALITY ASSURANCE

A. Qualifications

1. VITRITURF shall have marketed this system in the United States for at least five years.

2. The Manufacturere shall be the Applicator and provide a single source warranty for materials and labor.

B. Design and Detailing

1. General

a. VITRITURF V-10 Playground System is utilized wherever an impact, absorbing cushioned surface is required.

Playground areas should meet criteria set by the CPSC.

2. Substrate and Substrate Systems

a. Check application manual for specific instructions on substrate.

3. Acceptable Substrates for the VITRITURF V-10 System include asphalt. concrete and compacted stone.

4. Other Substrates shall be approved by VITRITURF prior to application.

5. The Trained Applicator shall verify that the proposed Substrate is acceptable with application of the VITRITURF System.

6. Substrate Systems shall be engineered with regard to structural performance.

7. Follow VITRITURF's published details with specific recommendations for this project.

1.03 SUBMITTALS:

A. Trained Applicator shall submit 6" x 6" 1220mm) samples of the VITRITURF System.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver all materials in original unopened packages with labels intact. B. Store all materials protected from weather and at temperature not less than 40 F (4 C).

1.05 JOB CONDITIONS:

A. Ambient air temperature should be 32 F at the time of installation of the VITRITURF System. The System may be installed

with temperatures below 40. The temperature only affects the system in workability of the materials and the dry time.

The lower the temperature, the thicker the viscosity of the binder and the dry time may become delayed.

B. Tthe VITRITURF System shall be protected during installation while curing and/or unattended from weather and other damage.

1.06 ALTERNATES AND ALLOWANCES:

A. Systems to be considered equal to those specified herein shall be approved by then Architect, in writing, at least ten

working days prior to the project bid date.

PART II -- PRODUCTS

2.01 GENERAL: All components of the VITRITURF V-10 System shall be obtained from VITRITURF or its authorized distributors.

No substitutions of, or additions of, other materials shall be submitted without prior written permission from VITRITURF.

2.02 MATERIALS

A. VITRITURF Primer: A single component moisture cured polyurethane primer.

B. VITRITURF BINDER: A proprietary, elastic Polyurethane Pre-Polymer, MDI based. Extremely low odor, capable of excellent

weathering and binding characteristics. Binder shall contain no TDI Monomers.

C. VITRITURF Black SBR or Base Mat: Shall be recycled SBR Rubber, shall be cryogenically processed, be chopped to 1-3mm or 3/8"

shredded granules and contain less than 4% dust and shall be packed in suitable bags to protect SBR from moisture.

Base Mat- A combination of post consumer, non-tire shredded rubber with various sizings. The Base Mat shall be granular in

appearance and provide for a flat base for the Vitriturf V-10 Wearing Course.

D. VITRITURF V-10 EPDM Rubber: A man-made rubber containing minimum of 30% EPDM and having a density of 1.5-0.05.

1. Is available in assorted colors and available in three sizes: 1-3mm, 0.5-1.5mm and 0.40-08mm (dust). A predetermined

combination of sizes from Hanover Specialities Inc. will ensure proper wearing course to meet the requirements for issuance of

a TEN Year Warranty.

E. The VITRITURF Playground System shall have been tested for shock attenuation under ASTM-F-1292 and HIC. Tested for

non slip characteristics under ASTM-E303, ease of ignition under BS-5696 and ASTM-D-2859 for fire resistance under UL94.

2.03 MIXING AND PREPARATION: A. Mixture of binder/EPDM or binder/SBR will be determined by the system which is specified.

PART III-- EXECUTION

3.01 INSPECTION:

A. Prior to application of VITRITURF System the Substrates shall be examined for compliance with the contract documents

of VITRITURF specifications. The General Contractor and Architect shall be advised of all discrepancies. Work shall not

proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION:

VITRITURF Playground System

- 1. VITRITURF Primer Apply primer with a short nap roller at a rate of 300 sq. ft. per gallon.
- 2. VITRITURF SBR Base Mat
- a. Mix SBR to VITRITURF Binder in a ratio of 82/18 and spread evenly at specified thickness. Compact and allow to dry for 24 hours.
- 3. VITRITURF Primer
- Apply VITRITURF Primer at the rate of 300 so. ft. per gallon.
- 4. VITRITURF V-10 Wearing Course
- a. Mix EPDM to VITRITURF Binder in a ratio of 82/18
- b. Apply with a steel trowel
- 1. For compacting: Lubricate trowel with diesel fuel or soapy water.
- 2. For finishing: Spray a light mist of water on surface and trowel smooth. Apply at a minimum of 1".



VITRITURF BONDED RUBBER SYSTEMS

PART I -- GENERAL

1.00 SCOPE: This is a Manufacturer's Specification on the Bonded Rubber version of the VITRITURF System.

1.01 DESCRIPTION: Provide all labor, materials and equipment necessary to install the VITRITURF System.

1.02 QUALITY ASSURANCE

A. Qualifications

1. VITRITURF shall have marketed this system in the United States for at least five years.

2. The Applicator shall be trained and registered by VITRITURF

B. Design and Detailing

1. General

a. VITRITURF Rubber Bonded System is utilized wherever an impact, absorbing cushioned surface is required. Bonded Rubber areas should meet criteria set by the CPSC.

2. Substrate and Substrate Systems

a. Check application manual for specific instructions on substrate.

3. Acceptable Substrates for the VITRITURF System include asphalt. concrete and compacted stone.

4. Other Substrates shall be approved by VITRITURF prior to application.

5. The Trained Applicator shall verify that the proposed Substrate is acceptable with application of the VITRITURF System.

6. Substrate Systems shall be engineered with regard to structural performance.

7. Follow VITRITURF's published details with specific recommendations for this project.

1.03 SUBMITTALS:

A. Trained Applicator shall submit 2' (610mm) x 4' 1220mm) samples of the VITRITURF System.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver all materials in original unopened packages with labels intact. B. Store all materials protected from weather and at temperature not less than 40 F.

1.05 JOB CONDITIONS:

A. Ambient air temperature shall be 32 F at the time of installation of the VITRITURF System. The System may be installed with temperatures below 40. The temperature only affects the system in workability of the materials and the dry time. The lower the temperature, the thicker the viscosity of the binder and the dry time may become delayed.
B. Adjacent materials and the VITRITURF System shall be protected during installation while curing and/or unattended from weather and other damage.

1.06 ALTERNATES AND ALLOWANCES:

A. Systems to be considered equal to those specified herein shall be approved by then Architect, in writing, at least ten working days prior to the project bid date.

PART II -- PRODUCTS

2.01 GENERAL: All components of the VITRITURF System shall be obtained from VITRITURF or its authorized distributors. No substitutions of, or additions of, other materials shall be submitted without prior written permission from VITRITURF. 2.02 MATERIALS

A. VITRITURF Primer: A single component moisture cured polyurethane primer.

B. VITRITURF BINDER: A proprietary, elastic Polyurethane Pre-Polymer, MDI based. Extremely low odor, capable of excellent weathering and binding characteristics. Binder shall contain no TDI Monomers.

C. VITRITURF Bonded Rubber: A man-made shredded rubber with various sizings with non larger than 1.5" long. 1. Is available in assorted colors.

D. The VITRITURF System shall have been tested for non slip characteristics under ASTM-E303, tested for

ease of ignition under BS-5696 and ASTM-D-2859, and tested for fire resistance under UL94.

2.03 MIXING AND PREPARATION: A. Mixture of binder/rubber will be determined by the system which is specified. PART III-- EXECUTION

3.01 INSPECTION:

A. Prior to application of VITRITURF System the Substrates shall be examined for compliance with the contract documents of VITRITURF specifications. The General Contractor and Architect shall be advised of all discrepancies. Work shall not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION:

VITRITURF Bonded Rubber System

1. VITRITURF Primer Apply primer with a short nap roller at a rate of 300 sq. ft. per gallon.

2. VITRITURF Bonded Rubber

a. Mix Bonded Rubber to VITRITURF Binder in a ratio of 82/18 and apply to desired thickness with a steel trowel.

1. For compacting: Lubricate trowel with diesel fuel or soapy water. For finishing: Spray a light mist of water on surface and trowel smooth. Apply at a minimum of 2".



PART I -- GENERAL

1.00 SCOPE: This is a Manufacturer's Specification on the Playground version of the VITRITURF TK System.

- 1.01 DESCRIPTION: Provide all labor, materials and equipment necessary to install the VITRITURF TK System.
- 1.02 QUALITY ASSURANCE
- A. Qualifications
- 1. VITRITURF shall have marketed this system in the United States for at least five years.
- 2. The Applicator shall be trained and registered by VITRITURF
- B. Design and Detailing
- 1. General

a. VITRITURF TK System is utilized wherever an impact, absorbing cushioned surface is required.

Playground areas should meet criteria set by the CPSC.

2. Substrate and Substrate Systems

a. Check with Vitriturf Representative for specific application to existing substrate.

Acceptable Substrates for the VITRITURF System include hard, level and sound grass, dirt, and stabilized sand approved by Vitriturf.
 Other Substrates shall be approved by VITRITURF prior to application.

- 5. The Trained Applicator shall verify that the proposed Substrate is acceptable with application of the VITRITURF System.
- 6. Substrate Systems shall be engineered with regard to structural performance.

7. Follow VITRITURF's published details with specific recommendations for this project.

1.03 SUBMITTALS:

A. Trained Applicator shall submit 6" x 6" 1220mm) samples of the VITRITURF System.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver all materials in original unopened packages with labels intact. B. Store all materials

protected from weather and at temperature not less than 40 F (4 C).

1.05 JOB CONDITIONS:

A. Ambient air temperature should be 32 F at the time of installation of the VITRITURF System. The System may be installed with temperatures below 40. The temperature only affects the system in workability of the materials and the dry time.

The lower the temperature, the thicker the viscosity of the binder and the dry time may become delayed.

B. Tthe VITRITURF System shall be protected during installation while curing and/or unattended from weather and other damage. 1.06 ALTERNATES AND ALLOWANCES:

A. Systems to be considered equal to those specified herein shall be approved by then Architect, in writing, at least ten working days prior to the project bid date.

PART II -- PRODUCTS

2.01 GENERAL: All components of the VITRITURF System shall be obtained from VITRITURF or its authorized distributors. No substitutions of, or additions of, other materials shall be submitted without prior written permission from VITRITURF. 2.02 MATERIALS

A. VITRITURF Wire Mesh: A coated welded wire mesh meeting the requirements of the Vitriturf TK System .

B. VITRITURF TK BINDER: A proprietary, elastic Polyurethane Pre-Polymer, MDI based. Extremely low odor, capable of excellent weathering and binding characteristics. Binder shall contain no TDI Monomers.

C. VITRITURF Black SBR: Shall be recycled SBR Rubber, shall be cryogenically processed, be chopped to 1-3mm or 3/8"

shredded granules and contain less than 4% dust and shall be packed in suitable bags to protect SBR from moisture.

D. VITRITURF EPDM Rubber: A man-made rubber containing minimum of 30% EPDM and having a density of 1.5-0.05.

1. Is available in assorted colors and available in three sizes: 1-3mm, 0.5-1.5mm and 0.40-08mm (dust)

E. The VITRITURF Playground System shall have been tested for shock attenuation under ASTM-F-1292 and HIC. Tested for non slip characteristics under ASTM-E303, ease of ignition under BS-5696 and ASTM-D-2859 for fire resistance under UL94. 2.03 MIXING AND PREPARATION: A. Mixture of binder/EPDM or binder/SBR will be determined by the system which is specified. PART III-- EXECUTION

3.01 INSPECTION:

A. Prior to application of VITRITURF TK System the Substrates shall be examined for compliance with the contract documents of VITRITURF specifications. The General Contractor and Architect shall be advised of all discrepancies. Work shall not proceed until unsatisfactory conditions are corrected.

3.02 INSTALLATION:

VITRITURF Playground System

1. VITRITURF Wire Mesh: Lay wire mesh over flat ground surfacing.

2. VITRITURF SBR Base Mat

a. Mix SBR to VITRITURF Binder in a ratio of 82/18 and spread evenly at specified thickness. Compact and allow to dry for 24 hours. 3. VITRITURF Primer

Apply VITRITURF Primer at the rate of 300 so. ft. per gallon.

- 4. VITRITURF Wearing Course
- a. Mir EPDM to VITRITURF Binder in a ratio of 82/18
- b. Apply with a steel trowel
- 1. For compacting: Lubricate trowel with diesel fuel or soapy water.
- 2. For finishing: Spray a light mist of water on surface and trowel smooth. Apply at a minimum of 3/8".



YOU'RE ON OUR TURF

POURED IN PLACE SURFACING SYSTEMS



Bonded Rubber

The Bonded Rubber System a unique blend of MULTI COLORED shredded rubber mixed with our Vititurf Binder to create a poured in place safety system designed to be very economical and durable. Bonded Rubber is offered in various colors and in combination with our TK System it may be applied over most substrates including grass, hard pan dirt, and compacted stone..

Advantages:

- 1. 100% recycled system.
- 2. Extremely affordable.
- 3. Available in 6 standard colors and unlimited color combinations.
- 4. Single Source Responsibility.

Why Bonded Rubber:

Extremely Durable

Multicolored

Quick Installation

Economical

Hanover Specialties Inc. 35 Feldland Street Bohemia, NY 11716 Offices in Dallas and Memphis

www.vitriturf.com

631.231.1300



YOU'RE ON OUR TURF POURED IN PLACE SURFACING SYSTEMS



Bondflex

BONDFLEX was formulated to meet the Head Injury Criteria, ASTM-1292-99 for high heights at an economical cost. Bondflex is multi-dimensional. The system utilizes a recycled polyurethane rubber as a loose filled base. A reinforced welded wire is applied to the base material. The Bondflex intermediate and wearing course are mixed on site with the Vitriturf Binder and installed at a minimum thickness of 1.5" and a total minimum thickness of 3.5".

Advantages:

- 1. Meets CFH of 12' with standard system.
- 2. Perfect for retrofitting existing loose fill playground surfacings.
- 3. Extremely affordable.
- 4. Available in 18 standard colors and unlimited color combinations.
- 5. Single Source Responsibility.

Why Bondflex?

Extremely Durable

Multicolored

Quick Installation

Economical

Hanover Specialties Inc. 35 Feldland Street Bohemia, NY 11716 Offices in Dallas and Memphis

www.vitriturf.com

631.231.1300



YOU'RE ON OUR TURF

POURED IN PLACE SURFACING SYSTEMS



Vitriturf TK System

The Vitriturf TK System is a unique poured in place safety system designed to be applied over most hard, sound and level substrates including grass, hard pan dirt, and stabilized sand. This system utilizes a welded wire mesh, and a unique polyurethane binder, Vitriturf TK Binder.

The TK Advantages:

- 1. Reduces the cost per square foot of the total poured in place system.
- 2. Allows for quicker installation because the Vitriturf Crew provides the sub-base and system.
- 3. Meets the same requirements for shock attenuation, slip resistance as the standard Vitriturf System.

Four Easy Steps:

Stabilize the Substrate

Install Vitriturf Base Mat

Prime Base Mat

Install Vitriturf Wearing Course

Hanover Specialties Inc. 35 Feldland Street Bohemia, NY 11716 Offices in Dallas and Memphis

www.vitriturf.com

631.231.1300

POURED IN PLACE SURFACING SYSTEMS



Vitriturf V-10

Vitriturf V-10, the **most** durable poured in place system has the **longest** comprehensive warranty in the industry. A **TEN YEAR** Labor and Material Warranty. V-10 offers a state of the art wearing coarse comprised of mixture of standard EPDM and micro EPDM mixed on site with the Vitriturf Binder to create an extremely durable surface.

Advantages:

- 1. Standard 1" wearing course..
- 2. TEN Year Non Prorated Warranty.
- 3. We manufacture our own binder and install with factory based crews.
- 4. Custom colors are available.

Why Vitriturf V-10?:

TEN YEAR WARRANTY

1" STANDARD WEARING COARSE

Extremely Durable

Multicolored

Hanover Specialties Inc. 35 Feldland Street Bohemia, NY 11716

www.vitriturf.com

631.231.1300

Burke Tiles[™] Product Specification

BCI Burke Company, LLC PO Box 549 Fond du Lac, WI 54936-0549 USA 1-800-266-1250 www.bciburke.com/our-products/product/burke-tiles

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary
- B. Conditions and Division 1 Specifications apply to this section.

1.2 REFERENCES

A. ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.

1.3 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and
- B. Submittal Procedures Section.
- C. Product Data: Submit manufacturer's product data and installation instructions.
- D. Verification Samples: Submit manufacturer's sample of 1 full tile
- E. Closeout Submittals: Submit BCI Burke Company, LLC's 10-year limited warranty

1.4 QUALITY ASSURANCE

- A. BCI Burke Company, LLC is a ISO 9001:2008 certified company
- B. Recommend utilizing an installer approved and trained by the manufacturer of the playground surfacing system, having experience with other projects of the scope and scale of the work described in this section.
- C. Manufactured in the United States

1.5 DELIVERY, STORAGE & HANDLING

- A. Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Store Burke Tiles in a dry area prior to installation and prevent exposure to direct sunlight
- C. Burke Tile's should not be stored on skids for an extended period of time.
- D. Burke Tile adhesive should be stored in a dry area above 40 °F prior to installation
- E. Material shall not be subjected to solvents or other damaging chemicals
- F. Protect materials during handling to prevent damage

1.6 **PROJECT/SITE CONDITIONS**

Burke Tiles[™] Product Specification

- A. Environmental Requirements: Install surfacing system when minimum ambient temperature is 40 °F (1 °C) and maximum ambient temperature is 90 °F (32 °C).
- B. Tile installation is not recommended if the temperature is expected to remain below 45 °F for an extended period of time.
- C. Do not install in rain

1.7 WARRANTY

- A. BCI Burke Company, LLC offers a 10 year limited product warranty on Burke Tiles from the date of original shipment. The product will be free from materials and manufacturing defects for a period of ten (10) years. Burke warrants that Burke Tiles comply with the requirements of the ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.
- B. Supplier's warranty excludes: any Product defect, damage or failure that is the direct result of: Wear and tear from normal use, Color change caused by exposure to UV and/or normal abrasion from pedestrian traffic, Improper installation, Failure to properly maintain or repair the product, Product being installed on top of a poorly prepared or designed subsurface, Improper drainage of the subbase, Improper application of adhesive, Use of adhesive not purchased directly from Burke, Acts of negligence, abuse, accidents, and misuse including but not limited to: burns, cuts, vandalism, civil disobedience, etc., Contact from acids, caustic materials, petroleum chemicals or other improper cleaning materials, The play surface being used other than for the purpose for which it was designed and installed, Wear or abrasion under swing sets, slides, and other high friction play equipment, Extreme or concentrated forces, including but not limited to high heels, chair supports, etc., Alterations or modifications made to Burke Tiles without prior authorization from Burke, Use of inappropriate footwear, Acts of God or other conditions beyond the reasonable control Burke

PART 2 - PRODUCTS

2.1 FEATURES

- All Burke Tiles are produced from 100% commercial waste stream tire rubber buffings
- Burke Tiles are formed in precision dies using carefully sifted rubber buffings and premium polyurethane
- Full perimeter interlocking system adds strength, prevents edge & corner fatigue, and minimizes the need for extensive adhesive systems
- Unique base design minimizes lateral movement, maximizes tile strength while providing excellent shock absorption and dispersion properties
- Alignment foot provides for fast and accurate installation and insures consistency throughout the system
- Designed to provide HIC scores compliant with ASTM F1292
- Minimal maintenance required to extend the life and appearance of the tiles

Burke Tiles[™] Product Specification

2.2 INTERLOCKING TILES

- A. Burke Tile 2-1/4"
 - a. 4 foot critical fall height
 - b. Weight: 27 lbs
- B. Burke Tile 2-3/4"
 - a. 6 foot critical fall height
 - b. Weight: 30 lbs
- C. Burke Tile 3-1/4" (8ft)
 - a. 8 foot critical fall height
 - b. Weight: 32 lbs
- D. Burke Tile 4-1/4" (10ft)
 - a. 10 foot critical fall height
 - b. Weight: 39 lbs
- E. Burke Tile Dimensions (L x W): 24" x 24"
- F. Burke Tile Colors: Red, Gray, Black, Tan, Green, Brown, or EPDM

2.3 ACCESSORIES

- A. Burke Tile 2-1/4" Accessories
 - a. Inside Corner
 - b. Outside Corner
 - c. Beveled Edge
 - d. U-Lock
 - e. Filler Stick U-Plug
 - f. ADA Ramp
- B. Burke Tile 2-3/4" Accessories
 - a. Inside Corner
 - b. Outside Corner
 - c. Beveled Edge
 - d. U-Lock
 - e. Filler Stick U-Plug
 - f. ADA Ramp
- C. Burke Tile 3-1/4" (8ft) Accessories
 - a. Inside Corner
 - b. Outside Corner
 - c. Beveled Edge
 - d. U-Lock
 - e. Filler Stick U-Plug
 - f. ADA Ramp
- D. Burke Tile 4-1/4" (10 ft) Accessories
 - a. Inside Corner
 - b. Outside Corner
 - c. Beveled Edge
 - d. U-Lock
 - e. Filler Stick U-Plug
- E. Burke Tile Adhesive 30 oz
- F. Burke Accessory Colors: Red, Gray, Black, Tan, Green, Brown, or EPDM

Burke Tiles[™] Product Specification

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas to receive playground safety surfacing tiles. Notify responsible parties if areas are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.2 PREPARATION

- A. Prepare subsurface in accordance with manufacturer's instructions to ensure proper support and drainage for playground safety surfacing tiles.
 - a. Subsurface should be specified as concrete or asphalt. Properly compacted granular aggregate with textile cover can be used, but is not recommended.
 - b. It is critical that the subsurface have proper drainage or the tile surface may not stay level and may cause damage to surfacing.
- B. Concrete Subsurface:
 - a. Concrete subsurface shall be as specified
 - b. Apply light broom finish
 - c. Ensure concrete is sound with no loose material
 - d. Ensure concrete is a minimum of 28 days old
 - e. Power wash existing concrete in accordance with manufacturer's instructions and provide adequate time for drying prior to tile install
- C. Asphalt Subsurface
 - a. Asphalt subsurface shall be as specified
 - b. Ensure asphalt is sound with no loose material or cracks
 - c. Ensure asphalt is a minimum of 28 days old
 - d. Power Wash existing asphalt and provide adequate time for drying prior to tile install
- D. Granular Aggregate Subsurface:
 - a. Compacted, granular aggregate subsurface shall be as specified
 - b. Textile fabric barrier will cover aggregate

3.3 INSTALLATION

- A. Install Burke Tiles in accordance with manufacturer's instructions
- B. Ensure prepared subsurface and tiles are dry and clean
- C. Layout tile surface in accordance with manufacturer's instructions
- D. Install tiles in single installation session, if possible
- E. If possible, the tiles on the bottom of a skid should be allowed to relax during the installation process. Installers should work partially through a skid and then move to the top of another skid before returning.
- F. Apply adhesive in accordance with manufacturer's instructions for tile-to-tile and perimeter tile-tobase installation.
- G. Remove adhesive spills from playground safety surfacing tiles and equipment.
- H. Clean tiles in accordance with manufacturer's instructions.
- I. Protect Burke Tiles from foot traffic for a minimum of 12 hours after installation
- J. Protect completed tiles from damage during construction.



Standard Operating Procedure

Identifier :	Title :	Revision (Start Date) :
P043	Quoting Custom Components	190605
Archive Date :	Approved by :	Approval Date :
	Dennis Scott	190627
PURPOSE :	A process to quote custom components requirements/specifications.	as per Customer

Definitions:

- a) *RFQ:* Request for Quote
- b) Types of Custom Components: Activity tower, Water Management System (WMS) and Other Custom Components

Triggers for a SOP:

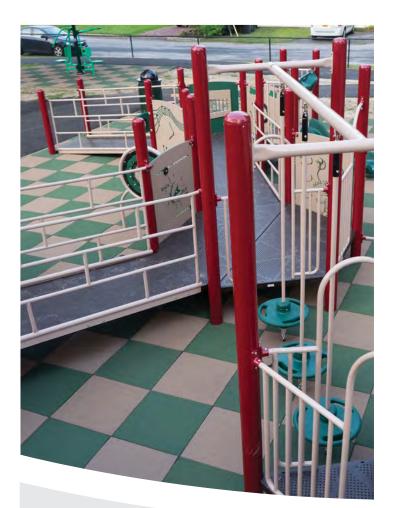
- a) Request to modify Standard product design for Custom Component
- b) New Custom Component

Important Steps in the Operation						
1) Submision of the Custom Quote	 For a new RFQ, follow the link below: <u>http://splashsql:8181/default.aspx</u> From the Lists, select RFQ-Custom Components Quotes Select "New" quote 	 Anyone in the company can submit an RFQ 				
	 Fill out Required Sections of RFQ Form Determine if RFQ is a Ball Park or Detail Request Include any Drawings or Relevant Info Assign RFQ to "Technical Support Team Member" in Sharepoint Form 	Data Collection				
2) Technical Support Team Review	 Determine if the Request is valid Can be sent back to originator for clarification or rejection Add any notes or important info Change RFQ Status to "Submitted to R&D" to assign the RFQ to design team 	 Scan through the request determine validity 				
3) Check completed Sharepoint RFQ Form	 Design team to check completed RFQ form Determine if the Request is valid Can be sent back to originator for clarification or rejection 	Review to ensure the required information is provided				



Important Steps in the Operation	Key Points	Reasons
 Create Quote Master in Visual (as needed) 	 Create a Quote Master, assign a line to each Custom Feature Roll Up QM to get cost Estimate Create & Save a new Part with EST# in Part Maintenace 	 Assign known parts and operations to QM. Estimate unknown costs and operation times Costing is in CDN Dollars
5) Update RFQ Form	 Update required fields in RFQ form Document updates and changes if needed Ensure RFQ has EST # 	Usefull to reference when/if EST releases
6) Assign RFQ for Pricing	Assign RFQ to Vice President or Designate for setting of Selling Price	 Selling Price calculated by Vice President Sales may quote directly using the EST number
7) Assign RFQ back to Originator	 After Costing assign RFQ back to originator RFQ can be resubmitted if Costing Update needed or Spec Page required 	Closes the loop and allows EST now to be added to quote

Burke TILES





PLAY THAT MOVES YOU®

A Burke Tiles surface is the perfect landscape on which to build your incredible playground! This slip-resistant, cushiony-soft surface helps protect children from injury, and that means playtime is more fun and carefree for everybody. These eco-friendly tiles are easy to install and simple to maintain. Burke Tiles, extremely durable and wear-resistant, are available in a beautiful palette of appealing colors.

Superior Construction - The unique design and superior construction of Burke Tiles sets them apart from all others on the market. The result is a better performing, longer lasting product that is easier to install. Each tile features an alignment footer for easy orientation during installation. Every tile is formed in a precision die using premium materials. Look no further than Burke Tiles for your playground surfacing needs.

Safety and Accessibility - Every Burke Tile meets the ASTM 1292 requirements for impact attenuation. It's also an ideal surfacing solution for accessibility and meets the ADA standards for playground surfacing.

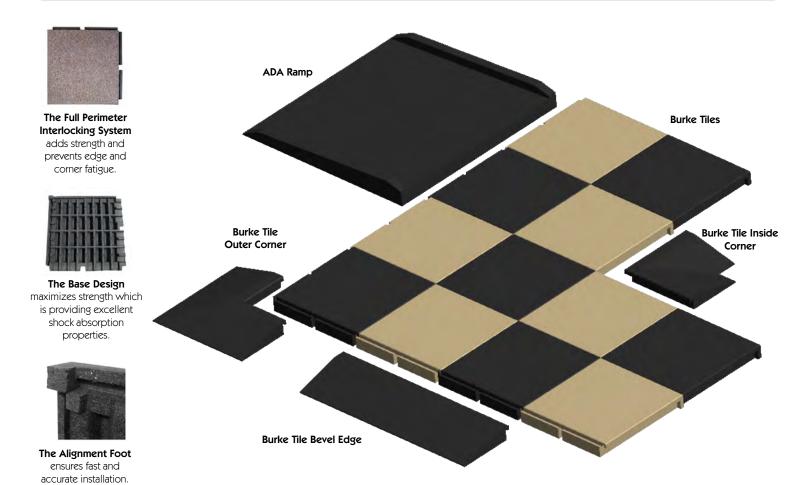
Environmentally Friendly - As an ISO 14001:2015 certified company, Burke is committed to producing environmentally friendly products. Burke Tiles are 100% recyclable and can be used to refresh an existing playground or become the surfacing option for a new playground.

Warranty - BCI Burke offers a 10-year warranty on Burke Tiles from the date of purchase. Contact your local Burke Representative for details.



Burke TILES

The Burke Tiles system includes a complete selection of tiles, corners, ramps and beveled edge pieces. Contact your local Burke Representative to obtain the tile layout design for your play environment.



FALL HEIGHT OPTIONS

<u>4 ft. Fall Height</u>	Size	Unit Weight
Burke Tiles	2' × 2' × 2¼"	27 lbs
Burke Tiles Beveled	14" × 4' × 2¼"	25 lbs
Burke Tiles Outer Corner	21/4"	20 lbs
Burke Tiles Inside Corner	21/4"	15 lbs
<u>6 ft. Fall Height</u>	Size	Unit Weight
Burke Tiles	2' × 2' × 2¾"	30 lbs

Durke mes	$Z \land Z \land Z / 4$	30105
Burke Tiles Beveled	14" × 4' × 2¾"	29 lbs
Burke Tiles Outer Corner	23/4"	22 lbs
Burke Tiles Inside Corner	23/4"	17 lbs

<u>8 ft. Fall Height</u>	Size	Unit Weight
Burke Tiles	2' × 2' × 3¼"	32 lbs
Burke Tiles Beveled	14" × 4' × 3¼"	32 lbs
Burke Tiles Outer Corner	31⁄4"	25 lbs
Burke Tiles Inside Corner	31⁄4"	20 lbs
<u>10 ft. Fall Height</u>	Size	Unit Weight
Burke Tiles	2' × 2' × 4¼"	39 lbs
Burke Tiles Beveled	14' × 4' × 4¼"	38 lbs
Burke Tiles Outer Corner	4¼"	25 lbs
Burke Tiles Inside Corner	4¼"	90 lbs

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Burke TILES

BURKE TILE COLOR OPTIONS

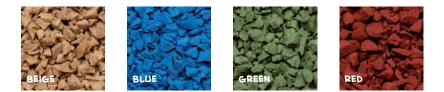
Pigmented using organic powder color coating methods that will not delaminate over time. Sealed with specially formulated polymer agent that bonds pigments into the rubber.



BURKE EPDM COLOR OPTIONS

EPDM granules are used to create options from bright solids to special blends for specific color themes.

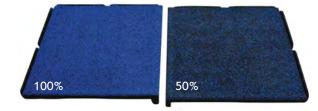
Standard Colors



Premium Colors*



EPDM Color Blend Options



EPDM Mixtures include a vibrant 100%, which is 90% EPDM/10% black mesh for standout solids, a 50/50 mix with black mesh and your choice of color.

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*Premium EDPM Tile Color options subject to longer lead times | Trademark(s) are the property of BCI Burke Company. @ BCI Burke Company 2020. All rights reserved.





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INSPECTION CHECKLIST

Review all Playground Installation Guidelines, particularly checking for specified dimensions. Make sure actual installation dimensions agree with the ones in the instructions.	Check height of all upper body equipment, such as horizontal ladders. The height of these components should agree with dimensions as specified in Playground Installation Guidelines when measured from top of the resilient surfacing material.
Double check deck heights. The height of the deck or platform is measured from the top of the resilient surfacing material to the top of the platform.	Touch up any scratches or installation damage to powder coated finish with color-matched spray paint supplied with the equipment.
Clean dried concrete off support posts and any other affected components	Touch up any exposed metal on coated parts following the instructions in the Maintenance section.
Review entire structure to insure that there are no completely bounded openings greater than 3 1/2" and less than 9". Completely bounded openings are openings that are enclosed on all sides.	Check ropes of rope climbers for any installation damage such as cuts that may expose the steel reinforcement strands.
Insure all post ends have properly installed post caps. Insure the drive rivets are secure.	Insure proper use zone has been allowed for equipment. See Site Plan Drawing included in this manual to check dimensions of required zone.
Insure all fasteners are tightened according to specifications listed on your installation instructions.	Dispose of all packaging material properly. Recycle appropriate materials and keep items like plastic bags out of reach or contact of small children.
Insure all "S" hooks are completely closed. An "S" hook is considered closed when there is no gap or space greater than .04" when measured with a feeler gauge, or the thickness of a dime.	Insure all support post connections are permanently secured. Insure all drive rivets and/or spring pins have been installed. Review installation instructions for specific locations.
Inspected by:	Inspection Date:
	BCI Burke Company, LLC For questions, call us at: 1-800-356-2070

BCI Burke Company, LLC

660 Van Dyne Road • P.O. Box 549 • Fond du Lac, WI 54936-0549 • (920) 921-9220 • 1-800-356-2070 • Fax (920) 921-9566 <u>www.bciburke.com</u>

Poorly Maintained playground equipment and surface areas can contribute to serious injury. Develop a comprehensive maintenance program, which should include staff training, use of inspection checklists, prompt repair of discovered problems and detailed documentation. To obtain more information, contact the U. S. Consumer Product Safety Commission (CPSC), Washington, D. C. 20207 (1-800-638-2772) and request "A Handbook for Public Playground Safety" Revised 1997.

INSPECTIONS:

It is critical to maintaining the long life of your equipment and preventing injuries, to establish a routine maintenance program.

Once your Burke equipment has been installed and your Final Inspection Check completed, we recommend a complete inspection within seven (7) days after installation and on a regularly scheduled basis thereafter. *Playgrounds with heavy use or in coastal areas should be inspected daily*.

As a guideline, please see the **Frequency of General Maintenance** and **General Maintenance Checklist**, which provide charts with recommended frequency for inspections as well as suggested inspection areas of your play equipment.

Surfacing:

If you have loose surfacing materials, such as sand or wood chips, check for specified depth throughout the playground. Add new material as required.

If your safety surfacing is poured-in-place or a matting or tile, check for wear or damage.

If your playground is installed in atmospheric conditions of high salt content, i.e. near the ocean, the chance for corrosion is much more likely. Therefore, frequent checks are highly recommended.

Instructions for Inspection Checklist:

- 1. Determine what is to be inspected and how frequently.
- 2. Establish a regular pattern of inspection.
- 3. File Inspection Report with your permanent records.
- 4. If a replacement part is needed, contact your local representative.
- 5. If repairs are needed, list action taken and date to be filed in your permanent records.

PVC Coating Repair Instructions:

- 1. Segregate the area of the equipment (by yellow tape, fencing, etc.) from children, where the repair is located.
- 2. Clean the area in need of repair.
 - a. Remove any coating that is loose; trim coating with a knife if necessary.
 - b. If there is any rust, remove and clean thoroughly.
- 3. Once clean, take container of repair material and open the spout and squeeze out the material into the cleaned area in need of repair.
- 4. Take a putty knife or similar tool to spread the material evenly. It should be at the same level thickness as the original coating when complete.
- 5. Let dry for about 15 minutes and recheck. As the material dries, it shrinks so you may need to add material repeating the same steps (3-4) mentioned above.
- 6. Once fully dry (1 full day to ensure proper cure), remove yellow tape, etc. that segregated the children from the area repaired. The children may be allowed to play again.

Touch-up Painting Instructions:

- 1. Segregate the area of the equipment (by yellow tape, fencing, etc.) from children, where the repair is located.
- 2. Clean area to be touched up by removing any loose paint or dirt particles and removing any rust with a light grit sand paper. Wipe area with clean cloth.
- 3. For best results, primer and touch up paint should be at room temperature. Avoid high heat and high humidity when applying the touch up paint. Shake can thoroughly to allow mixing ball to properly mix contents of the can.
- 4. For structures in coastal areas: Apply primer in *light* coats until area is covered. Allow primer to dry for 30 minutes (Primer is supplied with purchase of Burke Coastal Package).
- 5. For structures in coastal areas: Apply touch up paint in several light coats to cover the primed areas. Avoid drips and runs of the touch up paint for the best finish. Let dry for a minimum of 6 hours before use.

Special Notes:

- 1. Check Material Safety Data Sheet before starting to ensure safety.
- 2. Do not open container of repair material until ready to use.
- 3. As soon as you finish using the container with repair material, close it tightly immediately so it does not dry out.

ShadePlay Canopy Instructions

To clean shade canopy fabric use plain water to hose down the fabric and remove any debris. **DO NOT** use any type of detergent. Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

CAUTION: The ShadePlay canopy must be removed from the play structure before inclement weather, severe wind storms or winter (snow) weather to prevent damage to the shade fabric or play structure.

To remove and later re-install the ShadePlay canopy, the quick release fastening mechanism will facilitate easy removal and re-installation.

To remove the ShadePlay canopy:

- 1. Remove end cap from end of tensioning rafter. See Figure 16.
- 2. Remove lower 3/8" x 2" button head cap screw and 3/8" locknut at the pivot joint that secures the tensioning arm in the closed position. See Figure 16.
- 3. DO NOT TRY TO REMOVE PIVOT PIN. It is locked into position with a set-screw located on the top side of the rafter.
- 4. Carefully push up tensioning arm into the 'Open Position'. See Figure 17.

WARNING: BE EXTREMELY CAREFUL WHEN PIVOTING TENSIONING ARM INTO OPEN OR CLOSED POSITION. TENSIONING ARM COULD SPRING UP DUE TO THE TENSION BEING APPLIED BY CANOPY CABLE SYSTEM AND COULD RESULT IN INJURY. KEEP HANDS AND FINGERS OUT FROM BETWEEN CANOPY AND ARM AND OUT OF PIVOT JOINT AREA.

- 5. Unhook shade canopy fabric, cable end(s) and/or turnbuckle from hook.
- 6. Carefully pull down tensioning arm into 'Closed Position' and install removed hardware securing end cap and tensioning arm in closed position.
- 7. Repeat steps 1 thru 6 as necessary for all tensioning rafters.
- 8. Fold or roll up ShadePlay canopy and store in dry safe location until ready to re-install.

To re-install the ShadePlay canopy:

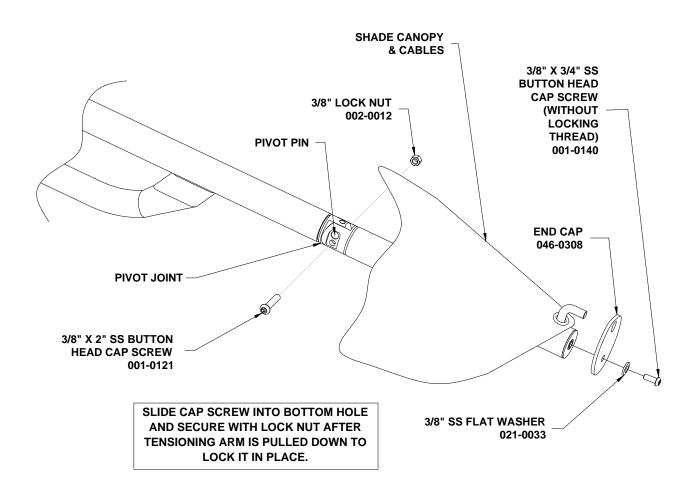
- 1. Remove end cap from end of all rafters.
- 2. Remove lower 3/8" x 2" button head cap screw and 3/8" locknut at all the pivot joints that secure the tensioning arms in the closed position. See Figure 16.
- 3. Look to make sure pivot pin is in the pivot joint of all tensioning arms. See Figure 17.
- 4. Lay ShadePlay canopy over rafters and orientate it so that each tensioning arm has a canopy corner. See Figure 18.
- 5. Attach canopy to all rafters, with tensioning arms in open position attach the canopy corner, cable end and turnbuckle end onto hook.
- Continue to tighten canopy by carefully pulling tensioning arms down into 'Closed Position'. If canopy is too tight to pull arm down, loosen turnbuckle tension a small amount. See Figure 18.

BCI Burke Company, LLC

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WARNING: BE EXTREMELY CAREFUL WHEN PIVOTING TENSIONING ARM INTO OPEN OR CLOSED POSITION. TENSIONING ARM COULD SPRING UP DUE TO THE TENSION BEING APPLIED BY CANOPY CABLE SYSTEM AND COULD RESULT IN INJURY. KEEP HANDS AND FINGERS OUT FROM BETWEEN CANOPY AND ARM AND OUT OF PIVOT JOINT AREA.

- 7. After all tensioning arms are in 'Closed Position' look around canopy for major wrinkles in fabric. The majority of wrinkles can be removed by moving the tensioning arms back into the 'Open Position' and tightening each turnbuckle a small amount. Repeat this process, tightening the turnbuckles only a small amount each time until the major wrinkles are eliminated. Minor wrinkles will disappear with time in the environment and in the stretched state. Tighten all turnbuckles evenly to spread tension. See Figure 18.
- 8. When tightening canopy is complete, secure tensioning arms with 3/8" x 2" button head cap screws and 3/8" locknuts. Tighten all hardware on pivot joint. See Figure 16.
- 9. Install end caps to all rafter ends using 3/8" x 3/4" SS button head cap screw (without locking thread) and 3/8" SS flat washer. See Figure 16.





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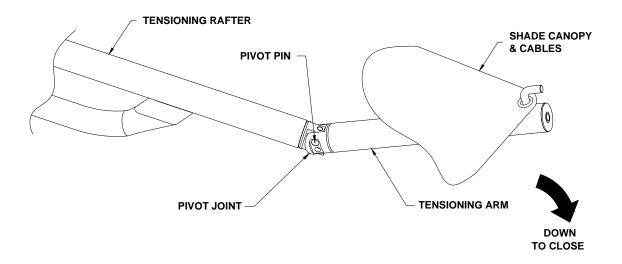
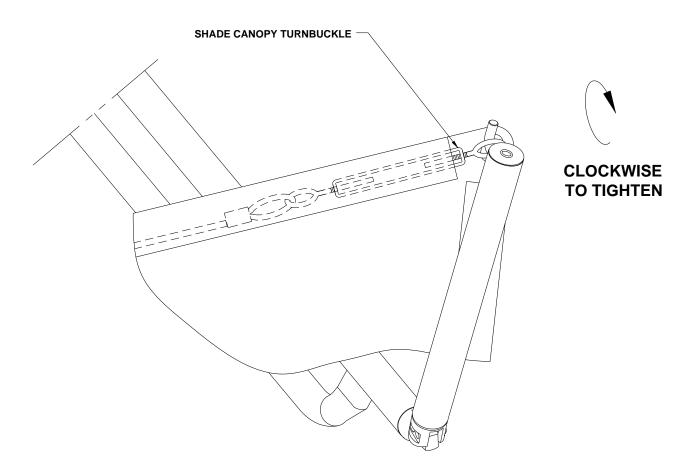
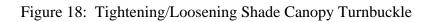


Figure 17: Tensioning Arm in 'Open Position'





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MAINTENANCE EZ Tension ShadePlay Canopy Instructions

To clean shade canopy fabric use plain water to hose down the fabric and remove any debris. **DO NOT** use any type of detergent. Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

CAUTION: The EZ Tension ShadePlay canopy must be removed from the play structure before inclement weather, severe wind storms or winter (snow) weather to prevent damage to the shade fabric or play structure.

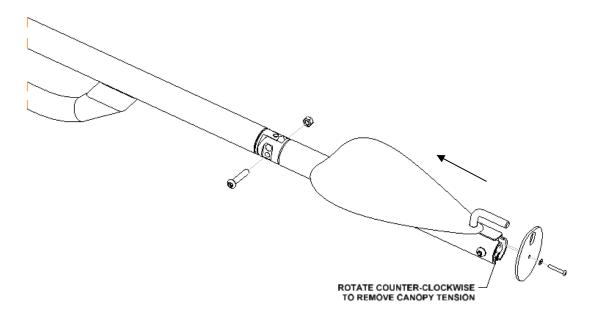
To remove and later re-install the EZ Tension ShadePlay canopy, the quick release fastening mechanism will facilitate easy removal and re-installation.

To remove the ShadePlay canopy:

- 1. Remove end caps from end of all tensioning rafters. See Figure 19.
- 2. Locate tension arms with 15/16" bolt head located at the end. Using a 15/16 socket rotate bolt head counter-clockwise to slide the holding pin upwards releasing the tension of the canopy.

WARNING: DO NOT USE ANY POWER TOOLS TO ROTATE THIS BOLT.

- 3. Remove lower 3/8" x 2" button head cap screw and 3/8" locknut at the pivot joint that secures the tensioning arm in the closed position. See Figure 19.
- 4. DO NOT TRY TO REMOVE PIVOT PIN. It is locked into position with a set-screw located on the top side of the rafter.
- 5. Carefully push up tensioning arm into the 'Open Position'. See Figure 20.





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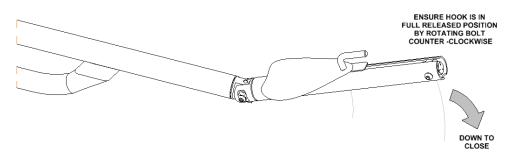


Figure 20: EZ Tension Arm in Open Position

WARNING: BE EXTREMELY CAREFUL WHEN PIVOTING TENSIONING ARM INTO OPEN OR CLOSED POSITION. TENSIONING ARM COULD SPRING UP DUE TO THE TENSION BEING APPLIED BY CANOPY CABLE SYSTEM AND COULD RESULT IN INJURY. KEEP HANDS AND FINGERS OUT FROM BETWEEN CANOPY AND ARM AND OUT OF PIVOT JOINT AREA.

- 6. Unhook shade canopy fabric, cable end(s) and/or turnbuckle from hook.
- 7. Carefully pull-down tensioning arm into 'Closed Position'
- 8. Rotate bolt clockwise to move the holding pin back to the end in the closed position.

WARNING: DO NOT USE ANY POWER TOOLS TO ROTATE THIS BOLT.

- 9. Install removed hardware securing end cap and tension arm in closed position.
- 10. Repeat steps 1 thru 6 as necessary for all tensioning rafters.
- 11. Fold or roll up EZ Tension ShadePlay canopy and store in dry safe location until ready to reinstall.

To re-install the ShadePlay canopy:

- 1. Remove end caps from ends of all rafters.
- 2. With tension arms in open position, attach canopy corners to the hooks located at the end of the tensioning arms shown in Figure 20. Ensure the hooks are in the fully released position before attaching canopy by rotating the bolt counter-clockwise.
- 3. Begin tightening the shade canopy by pulling all of the tension arms into the closed position shown in Figure 19. When arms are in closed position, insert hardware to lock arms in place.
- 4. Using a 15/16" socket, turn the bolt head located in the end of the mechanisms until the hook holding the canopy is flush with the end of the tube. Clockwise rotation will apply tension to the canopy and counter-clockwise rotation will release the tension of the canopy.

WARNING: DO NOT USE ANY POWER TOOLS TO TURN BOLT THIS MUST BE DONE WITH A SOCKET WRENCH

- 5. Look around at the shade canopy for small wrinkles in the fabric. Wrinkles can be removed by removing the tension in the canopy by turning the bolt counter-clockwise and moving the tension arms back into the open position and tightening the turnbuckles a small amount (1/4 1/2 inch).
- 6. Install end caps to ends of rafters.

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Sensory Panel Maintenance and Troubleshooting

Care and Maintenance

Please refer to the installation instructions for details on battery installation. Apart from replacing the batteries from time to time, the unit is virtually maintenance free and has no other user-serviceable parts. Any attempt to tamper with the unit in any way other than advised in this guide will void the unit warranty.

Cleaning

DO NOT use any chemicals or abrasive cleaners on the electronics control housing, sensors or speaker grill. Use a household hand pump water sprayer (the type you would water small household plants with) with a solution of water and a mild household detergent (the type you would use to clean your dishes) and gently spray the unit and wipe off with a soft damp cloth. DO NOT use a pressure washer or high powered hose to clean the unit.

Speaker Grill

Keep the speaker grill clean and clear of dirt and obstructions. The speaker itself is a marine grade external speaker and it will not get damaged by cleaning with water. DO NOT attempt to push anything through the speaker grill to clear any obstructions as this may damage the speaker membrane and/or reduce the water-resistance of the whole unit.

Fault	Solution
Low or decreased volume	• Ensure that the speaker grill is clear from obstruction. Volume is set at 75% during manufacture. If more volume is required, please seek advice from the manufacturer. Tampering with the electronic circuitry will void the warranty.
Not all the sensors are activating the sound replay	• Check that the speaker and sensor connectors are securely seated.
Water or evidence of water inside the electronic housing	• If water is found inside the housing please contact the manufacturer immediately.

Troubleshooting Guide

Fault	Solution
No sound or intermittent sound with older batteries	 Check that batteries are firmly seated between the terminals in the battery holder and are in the correct orientation. Check that the speaker and sensor connectors are securely seated. Make certain that the sound chip on the printed circuit board has not been dislodged. If you suspect that it is dislodged, see the instructions below. Replace the batteries with high-quality alkaline batteries (i.e.
	Duracell Ultra or better).
No sound or intermittent sound with new batteries	• Allow at least five minutes for the batteries and unit to acclimatize to the environment.
	• Check that batteries are firmly seated between the terminals in the battery holder and are in the correct orientation. Check that the speaker and sensor connectors are securely seated.
	• Make certain that the sound chip on the printed circuit board has not been dislodged. If you suspect that it is dislodged, see the instructions below.
	• To eliminate the possibility of a faulty battery, replace the batteries with another set of high-quality alkaline batteries (i.e. Duracell Ultra or better). Again, allow at least five minutes for the batteries and unit to acclimatize to the environment.
The sound chip appears to be dislodged from its housing	• If ALL of the pins on the chip appear in or directly above the corresponding socket on the housing, a light and even pressure may be used to re-seat the chip. IMPORTANT – excessive or uneven pressure may cause the chip to be damaged. If in doubt, contact the manufacturer.
	• If the pins are not located in or directly above the corresponding housing socket, DO NOT attempt to use pressure to re-seat the chip. Contact the manufacturer for advice.
No sound or intermittent sound when all previous solutions have been exhausted	• The unit and its components have been designed to be easily swapped out by a skilled service technician. In the rare event of failure, please contact the manufacturer for assistance. Any attempt to tamper with the unit in any way other than advised in this guide will void the unit warranty.

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Climbing Rope Maintenance

- A routine check per the Maintenance Checklist is very important.
- Address any issues early!
- Monitor wear versus mis-use / vandalism.
- Avoid sand as a resilient material.



Addressing Frayed/Cut Ropes

- Simple flaming technique with a handheld propane torch approved by rope manufacturer. Contact your Burke Representative for Details.
- Swift, sweeping motion with handheld torch so as not to burn or scorch the rope.
- Monitor wear of rope AFTER flaming is done.
- When metal strands are very evident, rope should be purchased / replaced.

MAINTENANCE GFRC Maintenance

GFRC - Cleaning Methods

- 1. For smaller surface areas, a scrub brush and light cleaning detergent mixed with water is the best approach. A ZEP exterior siding cleaner can be heavily diluted and scrubbed on and off with the brush.
- 2. For larger areas, you can use a pressure washer. The pressure washer should be no greater than a 1500 PSI washer. Use a 25 to 40-degree wide nozzle to prevent surface damage of the topical paints on the theme finishes. Hold the nozzle a minimum of 2' away from the surface. Clean a small, hidden test area before starting the project to ensure the pressure washer will not damage the surface. Pressure washers generate very high pressure, so it's essential to take safety precautions and follow all the manufactures instructions when using them:
 - Use both hands when holding the spray nozzle.
 - Don't use pressure washers while standing on a ladder.
 - Wear protective eyewear at all times.
 - Never point the nozzle at anyone.
- 3. An alternative to using a pressure washer is to use a *home-washing kit* that attaches to the garden hose. The kits aren't as quick or as effective as pressure washers but are easier to use and are available at most local hardware stores.

GFRC - Cleaning

- 1. Cover or remove anything you don't want wet or washed from the area that is to be cleaned.
- 2. Check the theme finishes for trouble spots that are covered in mildew, mold or moss. To determine whether a trouble area is affected by mildew, apply a small amount of diluted household bleach to the area. If it clears up, the problem is mildew. Pressure washers usually don't remove mildew, so you'll need to clean those areas by hand. Scrub off the mildew using a solution of 9 parts water and 1 part bleach.
- 3. If using a power washer with a soap feed, you may use a mild solution of water and detergent, or you may also use a ZEP cleaner or alternative that is specifically for power washers, following the instructions for that specific cleaner.
- 4. If there is indication of efflorescence on the GFRC surface, this can be cleaned with a 10% muriatic acid solution.
- 5. Remember, always perform cleaning on test area and inspect for damage before proceeding.
- 6. Begin spraying the surface, holding the nozzle at a 45-degree angle. Work from the bottom up, and move across the surface from side to side at a steady pace, maintaining the 2' distance between the surface and the nozzle head.
- 7. Rinse with clean water from the top down to prevent streaks.

GFRC - Repairing

- 1. Minor scuff marks can be painted with the touch up repair kit provided. Multiple colors are provided in order to blend in with the original theme and markings.
- 2. If damage requires patching, a standard water plug kit for concrete repair can be purchased at any local hardware store. Follow the instructions for repair, making sure to create a similar surface texture of rock or tree bark in the concrete while it is still wet.
- 3. Once concrete patch is dry it can be painted with the touch up repair kit provided.

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MAINTENANCE ZipVenture Maintenance and Inspection

ZipVenture products should be inspected and maintained as specified for all playground equipment. The following are additional maintenance and inspection procedures specific to the ZipVenture products.

Tools Required:

- 1. 8-ft step ladder
- 2. Ratchet wrench with Burke security bits
- 3. 9/16" & ³/4" sockets for ratchet wrench
- 4. Torque wrench
- 5. 50-lb weight with means of attaching to trolley seat (Burke recommends a sand bag and nylon webbing strap)

Maintenance and Inspection Points:

- 1. Visually inspect entire structure for:
 - a. Loose, frayed, or tangled wires from wire rope
 - b. Broken springs at either end of cable
 - c. Loose spring brake parts (springs should be affixed to the cable at one end and not able to slide away)
 - d. Screws missing from spring brake parts
- 2. Move trolley to 20 feet from arrival (low) end of ride. Measure from the loop at the end of the wire rope. Holding seat level, measure distance from top of resilient material to bottom of seat. This should be in the range of 13 to 15 inches. If not, the tension in the wire rope will need to be adjusted. Make sure resilient material is maintained to the proper level and is consistent each time you are measuring.
- 3. Attach 50-lb weight to seat of trolley. With the trolley in the same 20 feet from arrival end position, and holding seat level, measure distance from top of resilient material to bottom of seat. This should be in the range of 11 to 13 inches. If not, the tension in the wire rope will need to be adjusted. Make sure the resilient material is maintained to the proper level and is consistent each time you are measuring.
- 4. Check tightness of fasteners. Wire rope clips should be tightened to 45 ft-lb torque.
- 5. Use ladder to inspect wire rope at center, both ends and also under the springs. As you inspect the wire rope, note that a strand is a group of wires twisted together, and multiple strands are then twisted around a central core to form the wire rope or cable. You should inspect the individual wires and the strands for any broken wires or excessive wear. If there are any broken wires, strands out of place or excessive wear, the cable should be replaced.
- 6. At the ends of the cable, there is a thimble inside the loop for reinforcement. If the thimble or the swaged fitting at the launch end of the cable is cracked, split, or broken, that piece or the entire cable (in the case of the swaged end) shall be replaced.
- 7. Using the ladder, remove the outer covers from the trolley. Remove the nuts from the bolts that hold the trolley case together and remove one side of the case. Roll the trolley back and forth a few inches on the rope and observe the pulleys. If a pulley does any of the following, replace both pulleys:
 - a. Fails to roll and slides along the rope,
 - b. Has its inner race rotate with the outer part of the pulley,

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- c. Makes a clicking noise, or
- d. Wobbles (make sure it is the pulley, not the mounting bolt moving)
- 8. Inspect the sliders which cover the holes where the rope enters and exits the trolley. If they are broken or worn to less than 3/32" (.094) thick at any point then replace all of the sliders.
- 9. Inspect the pendulum and bronze bearing attached to the trolley which support the seat chain. If the bronze bearing is excessively worn (oblong hole, split or cracked) or missing then replace the bearing.
- 10. Reassemble trolley and replace the covers. Make sure to apply Loctite when reattaching the hardware.
- 11. Check the link at the launch end and the turnbuckle at the arrival end. Both should move freely up and down, left and right. If not then the spherical bearings should be replaced.
- 12. Check the spring assemblies at both ends. Look for broken or bent springs, damage to the plastic parts that secure the springs, missing set screws, and wear of the rubber bumpers. Replace any parts that need it.

Note: All bearings are lubricated for life. If a bearing is worn out then it must be replaced.

Frequency of General Maintenance

How Often	Check	Swings	Slides	Climbers	Structures	Animals	Whirls
Daily	Open S Hooks	Х		Х	Х		
Daily	Broken Anchor Bolts	Х	Х	Х	Х	Х	Х
Daily	Worn Chains	Х		Х	Х		
Daily	Broken Guardrails/Handrails	X	X	Х	X	Х	Х
Daily	Sharp Edges	Х	Х	Х	Х	X	Х
Daily	Loose or Missing Nuts/Bolts	X	Х	Х	Х	Х	Х
Daily	Sharp Points/Protrusions	Х	Х	Х	Х	Х	Х
Daily	Unplugged Holes in Pipe	Х	Х	Х	Х	Х	Х
Daily/Weekly	Broken Welds	Х	Х	Х	Х	Х	Х
Daily/Weekly	Inadequate Surfacing	X	Х	Х	Х	Х	Х
Daily/Weekly	Ropes for cuts or fraying with exposed steel reinforcement strands			Х	Х		
Daily/Weekly	Vandalized or Cracked PVC Coating	X		Х	Х		
Weekly	Worn Pinions/Clevises	Х		Х	Х		
Weekly	Exposed Footings	Х	Х	Х	Х	Х	Х
Weekly	Worn Bearings	Х			Х		Х
Weekly	Rust of Metal	Х	Х	Х	Х	X	Х
Weekly	Corrosion of Aluminum	X	Х	Х	Х	Х	Х
Monthly	Add grease lubrication to wheel bearings	X			Х		Х
Monthly	Play Mat (integrity and adhesion to surface if applicable)	X	Х	Х	Х	Х	Х
Spring/Fall	Pinch Points	Х	Х	Х	Х	Х	Х
Inclement Weather (High winds, Snow)	Remove Shade Canopy/ARA Shade				Х		

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General Maintenance Checklist

	-	1	1	-	-	1	1	1	1	-
Date										
Visible cracks, bending, warping										
Accessible sharp edges or points *										
Rusted metal surfaces										
Rusting of metal and corrosion on										
aluminum										
Deformation of open hooks, rings, links,*										
etc.										
Worn swing hangers and chain										
Missing or damaged swing seats										
Heavy swing seats with sharp corners or*										
edges										
Broken supports/anchors										
Jagged, exposed or cracked and loose										
concrete footing										
Inadequate surfacing material under *										
equipment										
Exposed ends of pipe. Missing caps or *										
plugs										
Protruding bolt ends *										
Chipped or peeling paint										
Cuts or fraying in rope with exposed										
steel reinforcement strands										
Vandalism, broken glass, trash, etc.										
Broken or missing rails, steps, rungs,										
seats										
Loose or missing hardware										
Crush or Shear points *										
Moving components, etc.										
Lack of lubrication on moving parts										
Worn bearings										
Poor drainage areas at footings, slide										
exits, etc										
Vandalized or cracked PVC coating										

*for further definition, reference ASTM F1487

Directions:

- 1. Start by reading instructions
- 2. Write in date of inspection
- 3. Check each item of inspection as it applies to your equipment
- 4. Make copy and file with your permanent records

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SUGGESTED PUBLIC PLAYGROUND LEADERS CHECKLIST

- Prepare written guidelines for playground operation, defining goals and procedures.
- Provide for constant supervision by establishing a written schedule.
- Conduct daily cleaning and check for broken glass and other litter.
- Do not permit children to use wet or damaged equipment.
- Constantly observe play patterns to note possible hazards and suggest appropriate equipment or usage changes.
- Prepare written accident reports with special attention to surface conditions, type and extent of injury, age and sex of child, how the accident occurred, and weather conditions.
- Insist on first aid and accident training for playground leaders.
- Instruct children and playground supervisors on how to use equipment. (Playground equipment safety should be taught in the classroom.)
- Do not permit too many children on the same piece of equipment at the same time; suggest that children take turns, or direct their attention toward other equipment or activities.
- Make periodic checkups and request that worn or damaged pieces of equipment be replaced.

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For questions, call us at:

1-800-356-2070



WATERPLAY - COMPONENT CARE AND MAINTENANCE

Environmental Considerations

Water Quality:

- If a water treatment system is used, be sure to manually test and record the water quality daily, this will ensure a corrosive environment is not created due to a chemical imbalance.
- Projects that utilize a Water Treatment System, Waterplay requires a maintenance log be stored with the minimum daily measurements: ORP, PH, and Residual Sanitizer. Total Dissolved Solids should be measured bi-weekly. The maintenance log needs to be recorded for the life of the Waterplay equipment. A sample water quality log is available in the M004 Owner's Manual.
- Shocking of sanitizer will result in the rapid decay of powder coated products. The passive layer of stainless steel will also decay, resulting in potential rust issues that are not covered under warranty. See U005 Waterplay Warranty Policy for details.
- Features installed in pool environments require excellent control of water chemistry. Features immersed in water require extra attention to cleaning as this produces a harsh environment for the features.
- For potable parks, hard water deposits will collect over time on the components. How quickly this occurs will depend on the municipal water quality.

Air Quality:

- Indoor aquatic facilities should take careful consideration into planning sufficient air turnover rates and humidity control for 304 Stainless Steel products.
- Industrial fallout needs to be considered. If an outdoor play area is located in an industrial area, there is the possibility of airborne contaminates coming from heavy equipment, carbon steel equipment, industrial exhaust etc. Increased maintenance intervals for cleaning the components are recommended.
- Outdoor play areas located near train tracks may also experience fallout from brake dust and train track wear. In these instances, increased maintenance intervals for cleaning the components are required.



Caution notes for all cleaning products:

- Test a small area prior to working on larger areas.
- Do not use power washers or electric polisher on decal products
- Review product manufacturer instructions for specific details

Powder Coat and Fiberglass

Regular Cleaning

1. Use a mild soap and clean water with a soft brush or cloth to wipe down features. The frequency can be adjusted dependent on the surrounding environment and spray park water quality, adjust cleaning schedule as needed to keep a clean shiny park. Waterplay recommends SlideRenu - Slide Soap.

Heavy Cleaning

- If there are signs of water staining conduct a more thorough cleaning using a detergent or high PH degreaser. Use a soft brush or clean cloth to scrub the feature. Follow product directions for dilution and soak time if required. Waterplay recommends SlideRenu Slide Detergent.
- 2. If hard water mineral deposits, oxidation, and scale start forming on the features, use a scale remover with a non-scratch pad to remove. Waterplay recommends SlideRenu Calictrol.
- 3. Rinse features with water thoroughly when finished.

Polishing

- 1. To remove any scrapes or scratches use a polishing compound with an electric polisher. Thoroughly clean and dry the feature prior to starting as described above. Apply polishing compound evenly and be sure not to press too hard or stay in one spot to long, this will cause fading and deterioration of the finished surface.
- 2. Let polishing compound haze over or dry and wipe with a clean cloth. Waterplay recommends SlideRenu Slide Polish.
- 3. Once polishing is complete, wax will need to be applied to restore a glossy finish. See below for wax process. If polishing does not remove powder coat scratches, see Touch up Paint Procedure.



Waxing

- **1**. Apply wax on a regular basis to protect and prevent fading from UV, weather exposure and environmental contaminants. This will assist in keeping a shiny new appearance.
- 2. Wax is applied using a clean cloth by hand or using an electric polisher. Evenly distribute wax and wipe off with a clean cloth after the wax has hazed over or dried.
- 3. If using electric polisher be sure not to press to hard or stay in one spot too long as this will cause fading and deterioration of the finish surface. Waterplay recommends SlideRenu Slide Wax.

Touch Up Paint

- 1. Protect the area from potential spillage and overspray. Allow product to fully dry each step.
- 2. Clean the area with a damp cloth.
- 3. Wet sand the area with 600 grit (or finer).
- 4. Mask the area only requiring the primer, where metal is exposed.
- 5. Apply a light coat of primer. Repeat if necessary.
- 6. Remove the masking, wet sand the area and feather the sides around the primed area leaving the mid area slightly raised. Clean area with water and a damp cloth.
- 7. For final painting, remove all masking and apply a smooth light coat spraying slightly beyond the area. Repeat process until the primer is not visible. Take time to ensure paint does not run.



connecting the world through play.



Brushed Stainless Steel (Grades 304/316)

Regular Cleaning

- **1**. Components should be rinsed with fresh water daily; this will wash away accumulated contaminants and chemicals.
- 2. Components should also be wiped down bi-weekly with a soft cloth or sponge, in the direction of the grain.

Heavy Cleaning (surface rust and pitting)

- In the event the feature exhibits signs of surface corrosion, the corrosion should be removed as soon as possible to prevent further damage caused by pitting. Waterplay recommends E-NOX CLEAN, a high strength stainless steel cleaner. Apply the cleaner to the contaminated brushed stainless feature, let sit (minimum one day), and then rinse and wipe with a wet cloth or sponge.
- 2. If chemically cleaning the feature does not work on its own, a non-scratching Scotch-Brite pad can be used in the direction of the grain as a more abrasive method of cleaning. Do not use steel wool as this can scratch the surface of the stainless steel and contaminate the feature with carbon steel.

Plastic and Composites

Clean and Repair Process for Acrylic

- **1**. Wash panels with clean water and remove any loose grim with a clean wet cloth or pressure washer at low pressure. Clean cloth often to prevent small particles from scratching the panel.
- 2. If the panels are etched, have small scratches; a polish can be used to buff out the etching or scratches. Waterplay recommends Slide Renu Slide Polish.
- 3. To help in cleaning in the future the panels can be coated with a layer of good quality car wax; do not use silicone based waxes.
- 4. Water quality and surrounding environment will determine how often the panels need to be cleaned.

Cleaning HDPE Components

1. Rinse with clean water to remove loose debris, a soft bristle brush and/or pressure washer at low pressure can aid in debris removal, then clean with a mild detergent and water, rinse well with clean water to remove any detergent residue.



Fiberglass Slide Flume

After Cleaning



After Polishing/Waxing



Fiberglass Dumping Bucket

After Cleaning



Stainless Steel Column (brushed finish)

Before chemical treatment



After Polishing/Waxing



After chemical treatment



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Standard Operating Procedure

Identifier :	Title :	Revision (Start Date) :
P054	Field Service SOP	120402
Archive Date :	Approved by :	Approval Date :
	Dennis Scott	190627 (YYMMDD)
PURPOSE :	A process to for completing Field Service Worl	<

Definitions: None

Triggers for a SOP:

a) Client Request for Field Service Work (excluding Water Treatment Commissioning)

Important Steps in the Operation	Key Points	Reasons				
1) Confirm Scope of Work	 Contact Client Confirm Scope of work Prepare and Send Quote Discuss Site Conditions and Safety Concerns Get sign Order back from Client 	 To ensure Scope of work is clear for when arriving on site Safety for all is priority for everyone 				
2) Confirm schedule	 Schedule arrival and departure date. 3 days on site is the standard time to complete commissioning (time may vary due to scope of work) Confirm arrival time on job site for Day 1, communicate to dealer or site contact. Preferred start time is 7:00am Confirm training dates and time and communicate to customer Contact travel coordinator to book available flights, hotel, rental car 	 Book flights early to save cost Customer needs to plan to have their staff available for training 				
3) Preperation	 Prepare Applicable Documents Review tool kit to ensure the required inventory is available. If something is missing, notify the team leader Ensure you have reliable means of communications with main office Get organized. Combine commissioning Checklist, Site Report, information on site contact, site location, hotel/travel iternary from travel coordinator in a water resistant binder 	 Be prepared and organized the week prior to depature Ensure you bring <u>Signed</u> <u>IYO & Warranty Order</u> when travelling Internationally Ensure the Main Office is aware of your trip plans 				



Important Steps in the Operation	Key Points	Reasons				
4) Upon Arrival	 Text, email or phone the primary contact to let them know you are on schedule, or if there was a delay in travel Meet the contact on site, and look over the facility to inspect the play area, the surrounding landscape, and the mechanical room Site Attire ensure Personal Safety Equipment is worn on site Verify if any other Personal Safety Equipment is required with site Safety Officer (if applicable) Review Safety Check List & ensure all Hazards are corrected if not no work should commence 	 If there are concerns upon arrival, communicate them right away so action can be taken. If working alone on site ensure you set up a check in call with main office Fill out Safety Checklist prior to arrival 				
5) Walk the job site and take photos	 Take photos of the play area, the surrounding landscape, and the mechanical room when you first arrive Take photos of the Waterplay equipment, which show the way manufacturer data, and the way the equipment was installed (if applicable) 	 Photos to be stored in project file for future reference While on site ensure you call in at the start and end of the day with the main office 				
6) Complete Required Work as per Order	 Ensure work is completed to Waterplay Specifications Review work completed/issus with Client Document completed work with photos 	Have Client sign off on work completed				
7) Test activators and component operation(Optional)	 Test each activator starts a sequence, and that the sequence stops as intended. Rotate features which have hubs, ensure it roates as intended. Check buckets/spinners to ensure they are performing reliably, and do not "stick" 	 If time permits ensure other features in park are functional and in good operating condition 				



Important Steps in the Operation	Key Points	Reasons
8) Clean up	• Anything you bring, you take home. Make sure coffee cups, food containers, etc are put in the garbage. Organize the tool box so it looks the same as when you got it. Ensure no hardware or tools are left in the mehcniacl room, or out in the play pad	•
9) Train park operating staff (if applicable)	 Use staff training manual as a guide Make sure to get a list of attendees, their contact information, and signature. 	
10) Document Service Trip	 Complete Service Commisioning Report & store to network Send Service Report to Manager for review and approval Once approved send PDF to applicable RSM,TSR & Client 	 If possible update report each day on work completed In report note any opprotunities for improvement
11) Complete Expense Report (if Applicable)	Refer to P006 Expense Reconciliation Form	

Freight Matrix - US Shipping quote guide (Courier) Last Updated: 27-Nov-19

If order has any individal item/package greater than 70lbs or 4'0" in length, width, or height - courier is not recommended. Speak with Logistics.

State	City	ZIP Code(s)	1 lbs Air 1 lbs Ground	2 lbs Air 2 lbs Ground	3lbs Air 3lbs Ground	4lbs Air 4lbs Ground	5lbs Air 5lbs Ground	6lbs Air 6lbs Ground	7lbs Air 7lbs Ground	8lbs Air 8lbs Ground	9lbs Air 9lbs Ground 10lbs Air 10lbs Ground	20lbs Air 20lbs Ground	30lbs Air 30lbs Ground	40lbs Air 40lbs Ground	50lbs Air 50lbs Ground
Alabama (AL)	Huntsville	35801 thru 35816	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 Ś 26.00 Ś	85.00 \$ 28.00 \$	95.00 Ś 29.00 Ś	96.00 \$ 31.00 \$	111.00 Ś 32.00 Ś	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Alaska (AK)	Anchorage	99501 thru 99524	\$ 51.00 N/A	\$ 54.00 N/A \$	64.00 N/A \$	75.00 N/A \$	85.00 N/A \$	95.00 N/A \$	96.00 N/A \$	112.00 V/A \$	120.00 N/A \$ 128.00 N/A	\$ 190.00 N/A	\$ 225.00 N/A \$	255.00 V/A	287.00 N/A
Arizona (AZ)	Phoenix	85001 thru 85055	\$ 51.00 \$ 22.00			75.00 \$ 26.00 \$		95.00 \$ 29.00 \$			119.00 \$ 33.00 \$ 127.00 \$ 34.00			255.00 \$ 87.00 \$	
Arkansas (AR)	Little Rock	72201 thru 72217	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
California (CA)	Sacramento	94203 thru 94209	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
	Los Angeles	90001 thru 90089	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
	Beverly Hills	90209 thru 90213	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Colorado (CO)	Denver	80201 thru 80239	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Conneticut (CT)	Hartford	06101 thru 06112	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Deleware (DE)	Dover	19901 thru 19905	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
District of Columbia (DC)	Washington	20001 thru 20020	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Florida (FL)	Pensacola	32501 thru 32509	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
	Miami	33124 thru 33190	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
	Orlando	32801 thru 32837	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Georgia (GA)	Atlanta	30301 thru 30381	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	the second se	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Hawaii (HI)	Honolulu	96801 thru 96830	\$ 61.00 N/A	\$ 66.00 N/A \$	5 78.00 N/A \$	90.00 N/A \$	102.00 N/A \$	114.00 N/A \$	124.00 N/A \$	133.00 N/A \$	143.00 N/A \$ 153.00 N/A	\$ 227.00 N/A	\$ 270.00 N/A \$	306.00 N/A \$	343.00 N/A
Idaho (ID)	Montpelier	83254	\$ 66.00 \$ 27.00	\$ 71.00 \$ 29.00 \$	5	95.00 \$ 31.00 \$	107.00 \$ 33.00 \$	119.00 \$ 34.00 \$	129.00 \$ 36.00 \$	138.00 \$ 37.00 \$	148.00 \$ 38.00 \$ 158.00 \$ 39.00	\$ 232.00 \$ 59.00	\$ 275.00 \$ 73.00 \$	311.00 \$ 92.00 \$	
Illinois (IL)	Chicago	60601 thru 60641	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
	Springfield	62701 thru 62709	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Indiana (IN)	Indianapolis	46201 thru 46209	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00	A CONTRACTOR OF	\$ 225.00 \$ 68.00 \$	and the second	\$ 286.00 \$ 110.00
Iowa (IA)	Davenport	52801 thru 52809	\$ 51.00 \$ 22.00		65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
	Des Moines	50301 thru 50323	\$ 51.00 \$ 22.00			75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$						
Kansas (KS)	Wichita	67201 thru 67221	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	A CONTRACTOR OF	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Kentucky (KY)	Hazard	41701- 41702	\$ 61.00 \$ 22.00	\$ 66.00 \$ 24.00 \$		90.00 \$ 26.00 \$	102.00 \$ 28.00 \$	114.00 \$ 29.00 \$	124.00 \$ 31.00 \$		143.00 \$ 33.00 \$ 153.00 \$ 34.00		\$ 270.00 \$ 68.00 \$	306.00 \$ 87.00 \$	
Lousiana (LA)	New Orleans	70112 thru 70119	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Maine (ME)	Freeport	04032 thru 04034	\$ 56.00 \$ 27.00	\$ 60.00 \$ 29.00 \$	5 70.00 \$ 30.00 \$	80.00 \$ 31.00 \$	90.00 \$ 33.00 \$	100.00 \$ 34.00 \$	101.00 \$ 36.00 \$	116.00 \$ 37.00 \$	124.00 \$ 38.00 \$ 132.00 \$ 39.00		\$ 230.00 \$ 73.00 \$	300.00 \$ 92.00 \$	391.00 \$ 115.00
Maryland (MD)	Baltimore	21201 thru 21237	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Massachusetts (MA)	Boston	02101 thru 02137	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Michigan (MI)	Coldwater	49036	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$		75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	200.00 0 110.00
	Gaylord	49734 - 49735	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Minnesota (MN)	Duluth	55801 thru 55808	\$ 51.00 \$ 22.00			75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$		
Mississippo (MS)	Biloxi	39530 thru 39535	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$		75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$		
Missouri (MO)	St. Louis	63101 thru 63141	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$		75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Montana (MT)	Laurel	59044	\$ 56.00 \$ 27.00	\$ 60.00 \$ 29.00 \$	5 70.00 \$ 30.00 \$	80.00 \$ 31.00 \$	90.00 \$ 33.00 \$	100.00 \$ 34.00 \$	101.00 \$ 36.00 \$	116.00 \$ 37.00 \$	124.00 \$ 38.00 \$ 132.00 \$ 39.00		\$ 230.00 \$ 73.00 \$		
Nebraska (NE)	Hastings	68901 - 68902	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00	A CONTRACTOR OF	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Nevada (NV)	Reno	89501 thru 89513	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00 \$ 100.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00 \$ 286.00 \$ 110.00
New Mexico (NM)	Santa Fe New York	87500 thru 87506	\$ 51.00 \$ 22.00 \$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$ \$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$ 65.00 \$ 25.00 \$	75.00 \$ 26.00 \$ 75.00 \$ 26.00 \$	85.00 \$ 28.00 \$ 85.00 \$ 28.00 \$	95.00 \$ 29.00 \$ 95.00 \$ 29.00 \$	96.00 \$ 31.00 \$ 96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00 119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$ \$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$ 255.00 \$ 87.00 \$	
New York (NY) North Carolina (NC)	Oxford	10001 thru 10048 27565	\$ 56.00 \$ 27.00		and the second sec	75.00 \$ 26.00 \$ 80.00 \$ 31.00 \$	85.00 \$ 28.00 \$ 90.00 \$ 33.00 \$	100.00 \$ 29.00 \$ 100.00 \$ 34.00 \$	and the second sec		119.00 \$ 33.00 \$ 127.00 \$ 34.00 124.00 \$ 38.00 \$ 132.00 \$ 39.00		\$ 225.00 \$ 68.00 \$ \$ 230.00 \$ 73.00 \$		
North Dakota (ND)	Walhalla	58282	\$ 66.00 \$ 27.00	\$ 71.00 \$ 29.00 \$		95.00 \$ 31.00 \$	107.00 \$ 33.00 \$	119.00 \$ 34.00 \$	129.00 \$ 36.00 \$	and the second sec	148.00 \$ 38.00 \$ 152.00 \$ 39.00		\$ 275.00 \$ 73.00 \$	and the second sec	
Ohio (OH)	Cleveland	44101 thru 44179	\$ 51.00 \$ 22.00	\$ 71.00 \$ 29.00 \$ \$ 55.00 \$ 24.00 \$	5 70.00 \$ 30.00 \$ 5 65.00 \$ 25.00 \$	75.00 \$ 31.00 \$ 75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 34.00 \$ 95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		148.00 \$ 38.00 \$ 158.00 \$ 39.00 119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 73.00 \$ \$ 225.00 \$ 68.00 \$		
Oklahoma (OK)	Tulsa	74101 thru 74110	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$ 75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$ 111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00 119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00 \$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	5 286.00 \$ 110.00 5 286.00 \$ 110.00
Oregon (OR)	Portland	97201 thru 97225	\$ 50.00 \$ 25.00	\$ 54.00 \$ 26.00 \$	64.00 \$ 27.00 \$	74.00 \$ 28.00 \$	84.00 \$ 30.00 \$	94.00 \$ 31.00 \$	95.00 \$ 33.00 \$	110.00 \$ 34.00 \$	118.00 \$ 35.00 \$ 127.00 \$ 34.00 118.00 \$ 35.00 \$ 126.00 \$ 36.00	\$ 188.00 \$ 56.00	\$ 224.00 \$ 70.00 \$	254.00 \$ 89.00 \$	5 285.00 \$ 110.00 5 285.00 \$ 112.00
Pennsylvania (PA)	Pittsburgh	15201 thru 15244	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00	the second second	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	286.00 \$ 110.00
Rhode Island (RI)	Newport	02840 - 02841	\$ 51.00 \$ 22.00			75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	and the second	286.00 \$ 110.00 286.00 \$ 110.00
South Carolina (SC)	Camden	29020	\$ 56.00 \$ 27.00		70.00 \$ 30.00 \$	80.00 \$ 31.00 \$	90.00 \$ 33.00 \$	100.00 \$ 34.00 \$	101.00 \$ 36.00 \$	and the second sec	124.00 \$ 38.00 \$ 132.00 \$ 39.00		\$ 230.00 \$ 73.00 \$		
South Dakota (SD)	Aberdeen	57401 - 57402	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$		75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$		119.00 \$ 33.00 \$ 127.00 \$ 34.00				
Tennessee (TN)	Nashville	37201 thru 37222	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Texas (TX)	Austin	78701 thru 78705	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$		75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	and the second sec	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Utah (UT)	Logan	84321 thru 84323	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00		\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	
Virginia (VA)	Altavista	24517	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	\$ 286.00 \$ 110.00
Washington (WA)	Bellevue (home of windoze)	98004 thru 98009	\$ 51.00 \$ 22.00	\$ 55.00 \$ 24.00 \$	65.00 \$ 25.00 \$	75.00 \$ 26.00 \$	85.00 \$ 28.00 \$	95.00 \$ 29.00 \$	96.00 \$ 31.00 \$	111.00 \$ 32.00 \$	119.00 \$ 33.00 \$ 127.00 \$ 34.00	\$ 189.00 \$ 54.00	\$ 225.00 \$ 68.00 \$	255.00 \$ 87.00 \$	286.00 \$ 110.00
West Virginia (WV)	Beaver	25813	\$ 56.00 \$ 27.00	\$ 60.00 \$ 29.00 \$		80.00 \$ 31.00 \$	90.00 \$ 33.00 \$	100.00 \$ 34.00 \$	101.00 \$ 36.00 \$		124.00 \$ 38.00 \$ 132.00 \$ 39.00	\$ 194.00 \$ 59.00			\$ 291.00 \$ 115.00
Wisconsin (WI)	Milwaukee	53201 thru 53228	\$ 51.00 \$ 22.00				85.00 \$ 28.00 \$	95.00 \$ 29.00 \$						255.00 \$ 87.00 \$	
Wyoming (WY)	Pinedale	82941	\$ 66.00 \$ 27.00	\$ 71.00 \$ 29.00 \$			107.00 \$ 33.00 \$			138.00 \$ 37.00 \$	148.00 \$ 38.00 \$ 158.00 \$ 39.00	\$ 232.00 \$ 59.00	\$ 275.00 \$ 73.00 \$	311.00 \$ 92.00 \$	348.00 \$ 115.00

AUSTRALIA

Freight Matrix - US Shipments

Last updated:

27-Nov-19

	FTL (50')	1/2 (25')	1/4 (12')	Pa	Pallet/Skid		
State	USD	USD	USD	USD			
Alabama	\$ 8,000.00	\$ 6,000.00	\$ 4,000.00	\$	950.00		
Alaska	÷ 5,000.00		Logistics	4	550.00		
Arizona	\$ 4,500.00	\$ 3,375.00	\$ 2,250.00	\$	650.00		
Arkansas	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
California	\$ 4,500.00	\$ 3,375.00	\$ 2,250.00	\$	650.00		
Colorado	\$ 4,500.00	\$ 3,375.00	\$ 2,250.00	\$	650.00		
Connecticut	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Delaware	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
East Virginia	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Florida	\$ 8,500.00	\$ 6,500.00	\$ 4,500.00	\$	1,250.00		
Georgia	\$ 8,000.00	\$ 6,000.00	\$ 4,000.00	\$	950.00		
Hawaii	<i>\$</i> 0,000.00		Logistics	Ŷ	550.00		
Idaho	\$ 2,800.00	\$ 2,100.00	\$ 1,400.00	\$	600.00		
Illinois	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Indiana	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
lowa	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00 \$ 2,500.00	\$	800.00		
Kansas	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Kentucky	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Louisiana	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Maine	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Maryland	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Massachusetts	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Michigan	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Minnesota	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Mississippi	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Missouri	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Montana	\$ 2,800.00	\$ 2,100.00	\$ 1,400.00	\$	600.00		
Nebraska	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Nevada	\$ 4,500.00	\$ 3,375.00	\$ 2,250.00	\$	650.00		
New Hampshire	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
New Jersey	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
New Mexico	\$ 4,500.00	\$ 3,375.00	\$ 2,250.00	\$	650.00		
New York	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
North Carolina	\$ 8,000.00	\$ 6,000.00	\$ 4,000.00	\$	950.00		
North Dakota	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Ohio	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Oklahoma	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Oregon	\$ 2,800.00	\$ 2,100.00	\$ 1,400.00	\$	600.00		
Pennsylvania	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Rhode Island	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
South Carolina	\$ 8,000.00	\$ 6,000.00	\$ 4,000.00	\$	950.00		
South Dakota	\$ 5,000.00	\$ 3,750.00	\$ 2,500.00	\$	800.00		
Tennessee	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Texas	\$ 6,000.00	\$ 4,500.00	\$ 3,000.00	\$	850.00		
Utah	\$ 4,500.00	\$ 3,375.00	\$ 2,250.00	\$	650.00		
Vermont	\$ 7,300.00	\$ 5,475.00	\$ 3,650.00	\$	900.00		
Washington	\$ 2,800.00	\$ 3,475.00 \$ 2,100.00	\$ 3,050.00 \$ 1,400.00	\$	600.00		
West Virginia	\$ 2,800.00 \$ 7,300.00	\$ 2,100.00 \$ 5,475.00	\$ 3,650.00	\$	900.00		
Wisconsin	\$ 7,300.00 \$ 5,000.00	\$ 3,750.00	\$ 3,850.00 \$ 2,500.00	ې \$	800.00		
Wyoming	\$ 5,000.00 \$ 2,800.00	\$ 3,750.00 \$ 2,100.00	\$ 2,500.00 \$ 1,400.00	ې \$	600.00		
wyoning	φ 2,000.00	<i>y 2,100.00</i>	φ 1, 4 00.00	Ŷ	000.00		

waterplay group of companies		F019R Shipping	Checklist 191010	
SHIPMENT INFORMATION				
Park Name:	Order Numbe	er:		
Date:				
_	<u>(If Required):</u>			
Buckets (Desc./Quant.)	_	Initial:	N/A:	
Cannon Heads (Desc./Quant.)		Initial:	N/A:	
Ground Sprays - Confirm pressure test completed	d :)	Initial:	N/A:	
<u>As</u>	sembly:			
 Component(s) painted the correct colour 		Initial:	N/A:	
• Quality of paint check/no damage (on visible pair	nt) 🗖	Initial:	N/A:	
Components assembled per drawings		Initial:	N/A:	
Nozzle / Blanks installed as required		Initial:	N/A:	
• Tool Kits included in shipment (as required)		Initial:	N/A:	
• Touch up paint included in shipment (as required	D (t	Initial:	N/A:	
Metric Adapters included in shipment		Initial:	N/A:	
<u>Pa</u>	ckaging:			
Packaged appropriately - foam, cardboard, tarp, I	boxes	Initial:		
Written description of contents on packaging		Initial:		
• Labels applied (GS/AWH/Parts/Paint/Inspection,	/shipping) 🗖	Initial:		
• Pallets secured with shrink wrap - All wood is ISP	M15	Initial:		
certified if going in container/overseas	M 4		N/A:	
E E	<u>hotos:</u>			
Photos taken of all components and parts		Initial:		
Photos taken of all boxes		Initial:		
Photos taken of shipment on pallet		Initial:		
Photos taken of shipment in truck/container		Initial:	N/A:	
Doc	cuments:			
• Scan AHW, Pick list & Pack list		Initial:	-	
Order Package (Drawings, Feature and Install Info	o) 🗖	Initial:	_	
• Copies of all picklists (95, 97, 98, 99, AHW)		Initial:	_	
Copies included with shipment		Initial:		
Final Sign Off	- Shipment Re	eady:		
Signature:	Signature:			

Open Orders for BCI Burke Company - Bill

Order # Order Job Na Date	ne	Dealer PO#	Amount	Туре	Ship With
Projected Ship Day: 201689 06/22 Hillcrest El	7/17/2020	7005-2	\$9.358.00	т	

Order # Order Job Name Date	Dealer PO#	Amount	Туре	Ship With	Rev Zip Ship Date	State	Freight Quote Amt
Projected Ship Day: 7/17/2020 201689 06/22 Hillcrest Elementary School	7905-2 Total:	\$9,358.00 \$9,358.00	т		83211	ID	\$615.00
Projected Ship Day: 7/22/2020 201472 06/02 Bryce Valley Elementary School		\$29,513.00 \$29,513.00	т		84776	UT	\$2,258.00
	Total:	\$38,871.00					





Town Creek Inclusive Park City of Auburn

February 25, 2020

Alison Hall & Kevin Kelly City of Auburn 425 Perry Street Auburn, AL 36930

Dear Alison Hall & Kevin Kelly:

Twin States Recreation, LLC is delighted to provide City of Auburn with this playground equipment proposal.

This design was developed with your specific needs in mind, and we look forward to discussing this project further with you to ensure your complete satisfaction. Twin States Recreation, LLC is confident that this proposal will satisfy City of Auburn's functional, environmental, and safety requirements - and most importantly, bring joy and excitement to the children and families directly benefiting from your new playground.

You have our personal commitment to support this project and your organization in every manner possible. We look forward to continuing to develop a long-standing relationship with City of Auburn. We appreciate your consideration and value this opportunity to earn your business.

Sincerely,

Max Maxwell Twin States Recreation, LLC PO Box 732 Magnolia Springs, AL 36555



BCI Burke Company, LLC

660 Van Dyne Road, Fond du Lac, WI 5493 Tel (920) 921-9220 Fax (920) 921-9566 www.bciburke.com

To: City of Auburn

425 Perry Street

Auburn, AL 36930

In coordination with

Signed Date:

> Project Name: Town Creek Inclusive Park Project Location: 806 Wrights Mill Road Auburn, AL 36930

Prepared by	Estimated Ship Date	Payment Terms		
Jessica Westphal	7-8 weeks after receipt of order	Net 30 Days		
ltem	Description	Unit Price	Quantity	Total
	Burke Nucleus/Intensity and Synergy Units including			
	Burke Free Standing Basics shown on Proposal 135-			
Equipment	126825-1	413,599.00	1	413,599.00
Discount	Discount per Equalis Contract	(62,039.85)	1	(62,039.85)
Freight	Burke Equipment Freight to Zip Code 36930	50,000.00	1	50,000.00
				-
				-
				-
				-
				-
		Total:		\$ 401,559.15

Jessica Westphal

Title: Sales Support Coordinator BCI Burke Company, LLC

> Thank you for the opportunity to provide this quote. We look forward to filling your park & playground needs in the months and years to come!

Special Notes: Prices do not include unloading, material storage, site excavation/preparation, removal of existing equipment, removal of excess soil from footing holes, site security, safety surfacing (unless shown in quoted items above), installation (unless shown in quoted items above) or sales tax (if applicable). Prices are based on standard colors per CURRENT YEAR BCI Burke Catalog. Custom colors, where available, would be an extra charge. Freight charges are predicated on all items being ordered and shipped at the same time. **Rock Clause:** If excessive underground obstructions such as rock, coral, asphalt, concrete, pipes, drainage systems, root systems, water or any other unknown obstructions are discovered, additional charges will be added to the proposal.

BCI Burke Company, LLC

"An ISO 9001:2008 and ISO 14001:2004 Certified Company" PO Box 549 - Fond du Lac, WI 54936-0549 - Phone (920) 921-9220 - Fax (920) 921-9566 - www.bciburke.com Play That Moves You®

PLAY THAT MOVES YOU.

Date: 7/9/2020 Quote #SAMPLE Accepted Approved Quotation, **Terms and Conditions**



TOWN CREEK INCLUSIVE PARK



PLAY THAT MOVES YOU.

Creating Play That Moves You requires dedication, research and a fierce passion for bringing a higher level of play to communities. The results are more than worth the effort. Products such as Novo® Playful Furniture and Taktiks® move us to design the best play environments for all. Taking play interaction to the next level is the Konnection™ Swing. There isn't a better way to connect on the playground - whether it's an adult and a child or two kids. The fusion of traditional and active-based play lays the foundation for an environment where everyone can develop physically, emotionally, socially and cognitively through play. It fosters opportunities for the types of experiences that bring communities together and move us in so many ways. Join Our Movement and see how you can bring a higher level of play to your community!

GET MOVING!

Burke's unique fitness offerings keep people of all ages moving! Our Intensity® and Nucleus® playgrounds feature a fusion of traditional and fitness-based play that engages children to move like never before. The ELEVATE® Fitness Course features challenging obstacles designed for healthy competition and fun for ages 5-12 or 13 plus. Our variety of fitness play options ensures everyone has the opportunity to reap the benefits of movement at any age and skill level.

MOVE YOUR MIND

Extensive research suggests that play provides tremendous developmental benefits to children. In fact, it's been said that children learn through play - it helps their brains and bodies develop. There's no such thing as too much of a good thing when it comes to play!

INTERACTIONS THAT MOVE US

Play brings communities together and strengthens families and friendships. Burke's playgrounds provide amazing opportunities for kids to develop socially from playing independently at a young age, transitioning to parallel play and learning how to cooperatively play together as their development continues.

MOTION THAT MOVES YOU

Movement is essential to life and to play. Motion play creates movement for children of all abilities and assists with many developmental areas, including increased spatial awareness, inner ear stimulation and balance. Motion can be soothing to children with sensory processing differences and offers an exciting activity for everyone to enjoy.

PLAY THAT MOVES DEVELOPMENT

Play is an important part of a child's emotional development and it is often through play that they learn necessary skills such as patience and empathy. Play also helps children learn how to express and manage their feelings, which is the grounds for much of a child's future success and well-being.



BCIBURKE.COM



WORK THAT MOVES US

What we bring to work every day is more than just ourselves. Our ideas, craftsmanship and collaboration form our culture and help us bring a higher level of play to communities around the world.

HANDCRAFTED IN AMERICA'S HEARTLAND

Walk through our Fond du Lac, WI manufacturing facility and you will see playgrounds coming to life through the hands of our people. In the age of assembly lines, we work to combine efficiency with a personal touch that makes every playground special. Bringing quality playgrounds to communities like yours is Work That Moves Us, and we hope the playgrounds we make move you too.

SUPERIOR SERVICE

Customer Service is a hallmark of Burke and we take pride in the fact that when you call, we answer. Yes, a real-live person will answer your call and help to direct you to the proper person. We have factory-direct customer service representatives that are available to answer questions, help with replacements parts or field inquiries about installations.

YOUR BURKE REPRESENTATIVE

We as Burke Representatives are passionate about bringing play to your community and helping you design your perfect play environment! We are knowledgeable and experienced about the entire playground process from site evaluation to design to maintenance and will work with you beyond installation to make sure your playground is, and remains, all you dreamed!







BCIBURKE.COM



BURKE'S HISTORY

John Edward was a farmer in Fond du Lac, Wisconsin and farmed the land the Burke company headquarters stands on today. In 1920, he incorporated a weather-stripping company that quickly expanded to include the design and production of designer radiator furniture. After receiving a request to fabricate a slide for a family friend, Burke entered the playground industry! Soon playground products were the company's main focus and they introduced Swing King, a residential line of play equipment.

When World War II began, Burke, like many companies, changed their focus to the war effort. J .E. Burke, always an inventor, devised a self-contained ammunition cart that could be parachuted to army personnel. The Parachute, as it was suitably named, was also used to deliver food and medical supplies. The company's dedication earned special recognition, and in 1943, the J.E. Burke Company was awarded an Excellence in War Production citation. Over the next 40 years, the Burke family grew the business and began to add interesting color and material combinations. In 1972, Burke invented the original Funnel Ball® that became a staple on playgrounds across the country.

In the late 1990's, Greg Burke, grandson of founder J.E. Burke, determined it was time to find a successor to lead the business into the 21st Century. Tim Ahern became the president/CEO of Burke in 1997 and remained until 2015 when Incline Equity Partners invested in Burke and Michael Phelan became the new president/CEO.

Most recently, in May 2017, The Halifax Group joined Burke's management team as an investment partner to continue the company's growth plans. All design and manufacturing operations continue to be located in Fond du Lac, Wisconsin on the same plot of land where J.E. Burke founded the company nearly 100 years ago.

Burke remains committed to the original innovation, customer service and superior quality that sustained the company for generations. We are bringing play to the next level with our focus on "Play That Moves You" and innovating products that move all of us in so many ways.





BCIBURKE.COM



BURKE BUILT QUALITY

Discover the value of investing in a Burke Playground:

KOREKONNECT® DIRECT-BOLT CLAMP SYSTEM: Nucleus® and Voltage® feature our Industry-leading KoreKonnect direct-bolt clamp system resulting in the strongest and most accurate connection system ever. Factory located connection points make for easy, precise installation and an error-free fit. Best of all, KoreKonnect is covered for 100 years under our non-prorated Generations Warranty®.

DIRECT-BOLT CONNECTION SYSTEM: Intensity, ELEVATE® Fitness Course, ACTIVATE® Fitness Circuit and Little Buddies® feature Burke's trusted direct-bolt connection that uses a durable, straightforward direct-bolt system to ensure a trouble-free installation and provide the necessary strength to accommodate the demands of playing children. Like our KoreKonnect system, Direct-Bolt connections are covered for 100 years under our Generations Warranty.

EZKONNECT® DECK MOUNTING SYSTEM: Our exclusive self-leveling deck attachment and factory CNC construction allows for faster and more precise location of decks during installation. The 2-bolt per corner deck attachment increases overall structure strength and stability.

PLATFORMS: Burke's oversized non-slip platforms are constructed of heavy-duty punched steel that can support more than 2 tons. Our vinyl coating is California compliant, free of lead and other hazardous heavy metals.

TAMPER-RESISTANT STAINLESS STEEL HARDWARE: All hardware is covered for 100 years under our Generations Warranty.

PREMIUM POWDER COATINGS: Our industry-leading powder coatings and finishes prevent fading, last longer and deter rust. We also offer a "coastal package" powder coat system. This special powder coat system for metal components and upright posts will provide additional corrosion and chemical protection along with added longevity to the color and gloss retention of the powder coated parts. Contact your Burke Representative for more information on colors, price and warranty.

COMPOUND PLASTICS WITH UV-16: You'll get long wear and bright, vibrant colors that hold up for years thanks to our thick, durable rotomolded plastics with UV-16 protection. This is why we can cover them for 15 years under our non-prorated Generations Warranty.

CLIMBING CABLES: Our climbing cables are flexible enough to provide movement, yet strong enough to last. Our ropes are made from 6 polyester cords with steel reinforcement wrapped around a synthetic fiber core. Each cord contains 8 galvanized steel strands tightly covered with polyester multi-fibers. Our RopeVenture® cables consist of 6 strands, each containing 24 stainless steel reinforcing strands within a nylon sleeve, wrapped around a solid nylon core.

ALUMINUM CONNECTORS: Swivel connectors at the end of our ropes allow assembly at any angle with no unwanted twists in the net. The aluminum fittings used to secure the joints are swaged in place to prevent any movement between the rope and fittings that could cause wear.

Burke















BCIBURKE.COM



FREE RESOURCES

NPPS SAFETY KIT

Burke truly gives you the most value for your money. As part of our Total Cost of Ownership Package, we offer value-added resources FREE with every playground structure purchase. The National Program for Playground Safety (NPPS) Playground Supervision Safety Kit helps supervisors and educators be prepared on the playground. Learn more at **bciburke.com/safety**.

CUSTOM MAINTENANCE KIT

To help maintain a safe, functioning playground we include a custom maintenance schedule, touch-up paint, graffiti remover and carrying case FREE with every playground structure purchase.

PLANNING & FUNDING TOOLS

We provide you with FREE tools to plan your playground from fundraising and design to installing a community build playground. At Burke, we understand the dedication and hard work it takes to raise the funds for playground equipment. That's why we created Funds for Fun, a direct donation fundraising program to help your organization raise the funds it needs for your new playground. We've also partnered with The School Funding Center to provide up-to-date grant information along with expert grant writing services. Learn more at **bciburke.com/funding**.







FREE FUNDRAISING TOOLS!



BCIBURKE.COM



PURCHASING WITH OMNIA PARTNERS

PLAYGROUNDS WITHOUT ALL THE PAPERWORK

A playground purchase doesn't have to turn into a drawn-out process of writing specifications, issuing RFP's and jumping through bureaucratic hoops. Burke can help you cut through the red tape, thanks to the company's national cooperative award made available through the partnership with OMNIA Partners, Public Sector (Subsidiary National IPA). Burke is a provider for Playground Systems and Related Items.

OMNIA PARTNERS

"OMNIA Partners, Public Sector (Subsidiary National IPA) is the largest and most experienced organization in purchasing and supply chain management. Comprised of participants and suppliers in the public sector, we bring together industryleading buying power and world-class suppliers to offer an extensive portfolio of competitively solicited and publicly awarded contracts and partnerships. OMNIA Partners is proud to offer more value and resources to state and local government, higher education, K-12 education and non-profits.

PURCHASING THROUGH OMNIA PARTNERS

- You've met the necessary legal and competitive bidding requirements.
- Client partners pay no fees to use OMNIA Partners contracts.
- Your playground is backed by our exclusive Generations Warranty® the longest and strongest in the industry.
- Our ISO 9001:2015 certification confirms we are consistently ensuring high quality and exceptional customer service.
- You'll be doing business with a "green" company that holds the ISO 14001:2015 certification, reflecting a systematic program for achieving aggressive goals for recycling, use of recycled materials and renewable energy and environmentally sound manufacturing processes."

THE WAY IT WORKS

OMNIA Partners' mission is to help government and education entities operate efficiently and economically. Utilizing a contract, available through OMNIA Partners, means you deal directly with the vendor, as you would normally do if the contract was your own. We've made it easy to register, become a participant, and start saving today!

Follow these 4 easy steps to register today!

- Go to omniapartners.com/publicsector.
- Click the register button at the top right of the screen.
- Complete the requested information.
- Submit!

The easiest way to Join the Burke Movement is to call your local Representative at 800.266.1250. Our passion is bringing play to communities like yours and we can't wait to help you get started!







FEATURED PLAY EVENTS



Roller Slide

The Roller Slide offers a unique sensory experience combined with an opportunity for children to interact while sliding down together.



Up-Down Tunnel Our tubes & tunnels excite children's sense of exploration and adventure while improving gross motor skills and body strength.



Fan Climber

Climbers provide several developmental benefits to children, building upper body strength along with boosting balance and coordination while they play.



Arched Catwalk Bridge Bridges appeal to kids' imagination and urge to explore while playing on the playground.



FEATURED PLAY EVENTS



ADAAG Ramp Ramps and stairs build lower body strength and improve kids' coordination.



Memory Reactions Ring Panel

Play panels offer opportunities for all children to develop skills, have fun and spend time learning outside. Memory Reactions is an interactive game that challenges kids to improve their memory skills and learn through play.



Clubhouse Hex Roof

The ClubHouse design offers kids and families the opportunity to reconnect and rediscover the wonders of nature within a safe and durable environment. A full collection of ClubHouse components, including climbers, panels, enclosures and roofs, cultivate imaginations and nurture the need for play.



Arch Swings

Swings help children develop coordination and balance while providing an engaging sensory experience.



Burke

DESIGN SUMMARY

Twin States Recreation, LLC is very pleased to present this proposal for consideration for the Town Creek Inclusive Park located in Auburn. BCI Burke Company, LLC has been providing recreational playground equipment for over 90 years and has developed the right mix of world-class capabilities to meet the initial and continuing needs of City of Auburn. We believe our proposal will meet or exceed your project's requirements and will deliver the greatest value to you.

The following is a summary of some of the key elements of our proposal:

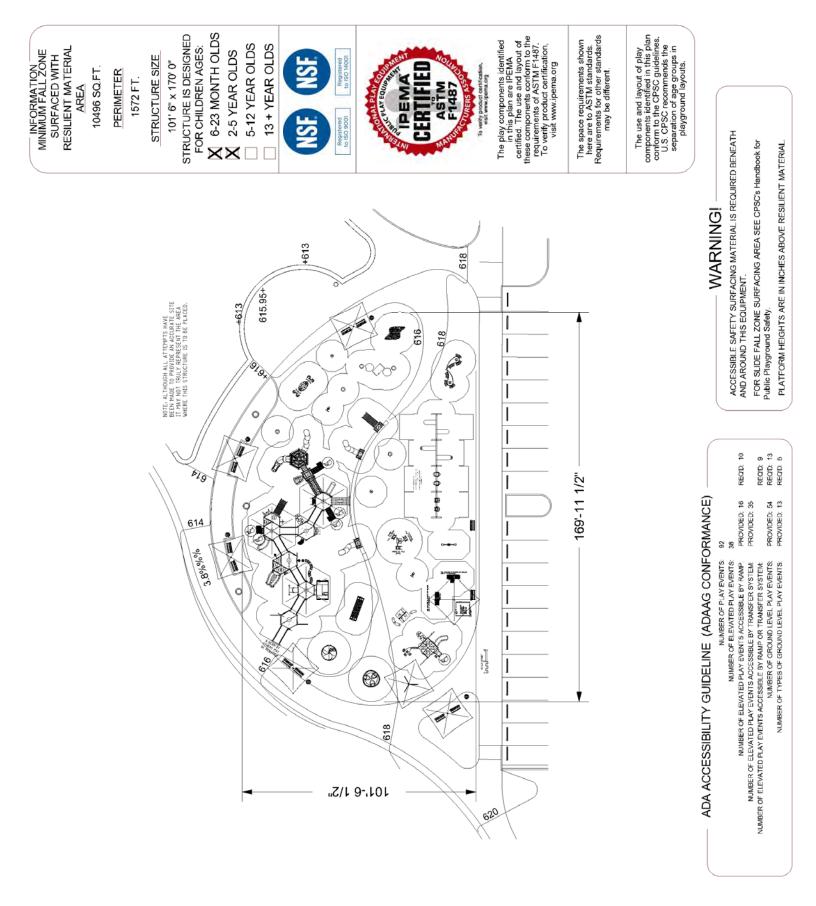
- Project Name: Town Creek Inclusive Park
- Project Number: 135-126825-1
- User Capacity: 529
- Age Groups: Ages 6-23 months, 2-5 years
- Dimensions: 101' 6" x 170' 0"
- Designer Name: Kari Champeau

Twin States Recreation, LLC has developed a custom playground configuration based on the requirements as they have been presented for the Town Creek Inclusive Park playground project. Our custom design will provide a safe and affordable playground environment that is aesthetically pleasing, full of fun for all users and uniquely satisfies your specific requirements. In addition, proposal # 135-126825-1 has been designed with a focus on safety, and is fully compliant with ASTM F1487 and CPSC playground safety standards.

We invite you to review this proposal for the Town Creek Inclusive Park playground project and to contact us with any questions that you may have.

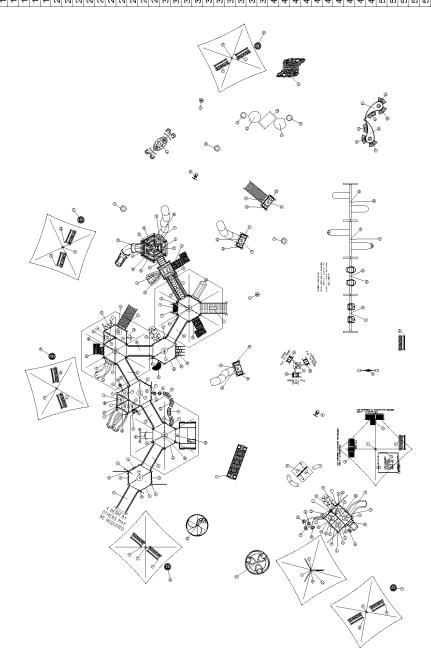
Thank you in advance for giving us the opportunity to make this project a success.



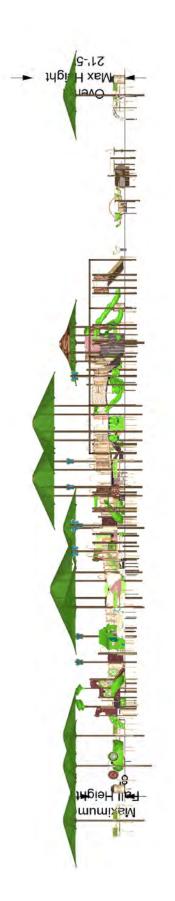




	LF PLATFORM LIC PLATFORM CLOSURE PLATE CLOSURE PLATE CLOSURE PLATE CLOSURE PLATE CLOSURE PLATE CLOSURE PLATE CLOSURE PLATE CALIMBER RENCLOSURE 2-5 PLATEORM BARRIER LUBHOUSE ASCEND RATE W TRANSFIER STATION TRANSFIER STATION TRAN	FREEDOM SWING SEAT, PAIR, B KONNECTION SWING, PAIR INCLUSIVE ORBIT STEP SPOT POD 8-16" SWIFT TWIST SPINNER SINGLE POD WALK 8"-16" ROCKIT TUNNEL NATURE PLAY STUMP - SMALL NATURE PLAY STUMP - SMALL NATURE PLAY ROCK - SMALL
		550-0175 550-0194 560-0123 560-0423 560-0457 560-0457 560-0553 560-0553 560-0555 560-0555 560-0555 560-0555
1413211008765543221EM	88 93<	59 60 60 61 61 61 61 62 63 63 62 66 65 65 66 66 66 66 67









February 25, 2020

SERIES: Basics, Boulders/GFRC, Intensity, Nucleus Syncrosoft Inclusive ParkELEVATION PLAN806 Wrights Mill RdDRAWN BY: Kari ChampeauAuburn, AL 36930

Twin States Recreation, LLC 135-126825-1

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220





February 25, 2020



March 17, 2020 2020 Pricing

Proposal Prepared for: Alison Hall & Kevin Kelly City of Auburn 425 Perry Street Auburn, AL 36930 Phone: 334.501.2940

Project Location: Town Creek Inclusive Park 806 Wrights Mill Rd Auburn, AL 36930

Proposal Prepared by: Twin States Recreation, LLC PO Box 732 Magnolia Springs, AL 36555 Phone: 205-453-4321 Fax: info@twinstatesrec.com

Max Maxwell Phone: 205-453-4321 Fax: max@twinstatesrec.com

Component No.	Description	Qty	User Cap	Ext. User Cap	Weight	Ext. Weight
Burke Basics			_	_		
550-0100	TOT SEAT, 7' & 8' PAIR, STD	1	2	2	23	23
550-0112	BELT SEAT, 8' PAIR, STD CHAIN	1	2	2	20	20
550-0135	5" OD ARCH SWING	1	0	0	366	366
550-0136	5" OD ARCH SWING ADD-ON	3	0	0	223	669
550-0175	FREEDOM SWING SEAT, PAIR, 8'	1	2	2	76	76
550-0194	KONNECTION SWING, PAIR	1	4	4	128	128
560-0042	INCLUSIVE ORBIT	1	6	6	666	666
560-0453	STEP SPOT POD 8-16"	2	1	2	19	38
560-0457	SWIFT TWIST SPINNER	2	1	2	52	104
560-0526	SINGLE POD WALK 8"-16"	2	1	2	27	54
560-0553	NATURE PLAY STUMP - SMALL	2	1	2	66	132
560-0555	NATURE PLAY ROCK - SMALL	2	1	2	116	232
560-0563	CRUISER WITH ADAPTER	1	12	12	1,222	1,222
560-2573	KIDFORCE SPINNER	3	1	3	43	129
560-2575	PLAY HOUSE WITH BENCH AND COU	1	12	12	453	453
560-2579	VOLTA INCLUSIVE SPINNER	1	9	9	475	475
560-2601	ROLLER TABLE	1	4	4	813	813
560-2606	FS EZ TENSION 15' X 15' SHADE	7	0	0	409	2,863
570-0771	TRI-RIDER	1	3	3	179	179
570-0826	WASP FOR TRI-RIDER	1	1	1	42	42
570-0827	SNAIL FOR TRI-RIDER	1	1	1	45	45
570-0828	LADYBUG FOR TRI-RIDER	1	1	1	47	47
570-2676	ORB ROCKER	1	8	8	483	483
570-2679	2 SEAT ROCKER 2-5	1	2	2	132	132
570-2680	META ROCKER	2	1	2	58	116
580-0279	CLIMB 'N' CRAWL	1	8	8	214	214
580-0286	STEP 'N' SCOOT PLUS	1	8	8	165	165
580-0288	KIDDY KORRAL PLUS	1	15	15	262	262
580-1312	NOVO ARC BENCH	7	2	14	43	301
580-1314	NOVO BENCH WITH BACK	12	3	36	130	1,560
580-1318	NOVO ARC STOOL	3	2	6	52	156
580-1319	NOVO TEARDROP COUNTER CLIMBER		5	10	124	248
580-1345	NOVO LITTER CONTAINER, POLY C	5	0	0	90	450
Boulders/GFRC						
560-0559	NATURE PLAY LOG TUNNEL	1	3	3	1,081	1,081



March 17, 2020 2020 Pricing

late a city						
Intensity		1	2	2	11	11
370-0841 370-0842	APEX NET CLIMBER 2-5 APEX HOLE CLIMBER 2-5	1 1	2 2	2 2	44	44
570-0687	CHARADE RING PANEL	1	2	2	55 60	55 60
570-0860	3-IN-A-ROW RING PANEL	1	4	2 4	54	54
570-0861	MEMORY RING PANEL	1	4 2	4	54 77	54 77
570-0601	MEMORY RING PANEL	I	2	2	11	11
Nucleus						
270-0050	8" CLOSURE PLATE	5	0	0	10	50
270-0109	PLATFORM LADDER 24"	1	1	1	65	65
270-0129	TRIANGLE PLATFORM	5	2	10	48	240
270-0130	SQUARE PLATFORM	1	6	6	106	106
270-0131	HEXAGONAL PLATFORM S5P	6	12	72	287	1,722
270-0132	HALF HEXAGON PLATFORM	1	6	6	144	144
270-0184	LONG STRAIGHT BRIDGE W/BARRIE	1	10	10	365	365
270-0185	PLATFORM LADDER 16"	1	1	1	10	10
270-0192	CLUBHOUSE UNITARY ENCLOSURE	4	0	0	34	136
270-0193	CLUBHOUSE OFFSET ENCLOSURE, R	2	0	0	36	72
270-0203	NATURE PLAY PLATFORM CENTER	1	0	0	33	33
270-0219	ARCHED CATWALK BRIDGE 96"	1	6	6	368	368
270-0220	8" RISE RAMP W/ BARRIERS	5	10	50	459	2,295
270-0222	8" RISE ENTRANCE RAMP W/ BARR	1	10	10	482	482
270-0290	HALF PLATFORM	3	3	9	57	171
370-0038	CLUBHOUSE ASCEND ROCK CLIMBER	1	2	2	117	117
370-0146	ATOM CLIMBER 32"-48"	1	2	2	72	72
370-0150	COIL CLIMBER 32"-48"	1	3	3	94	94
370-0229	CARGO NET 32"-40"	1	2	2	60	60
370-0467	24" TRANSITION STAIR W/BARRIE	1	2	2	164	164
370-0567	EXPEDITION CLIMBER 48"	1	2	2	89	89
370-0723	CAN TRANSFER STATION, BARRIER	1	4	4	191	191
370-0725	CAN TRANSFER STATION, BARRIER	2	6	12	298	596
370-0777	CLUBHOUSE LEAF CLIMBER 40"	1	4	4	73	73
370-0785	CLUBHOUSE FAN CLIMBER 40" - 4	1	3	3	89	89
370-0805	JUNGLE VINE CLIMBER 48"	1	2	2	85	85
370-1645	MANITOU CLIMBER 48"	1	4	4	87	87
470-0105	COBRA SLIDE CURVED 72"	1	2	2	203	203
470-0381	NP HEXAGON PLATFORM/TREE TRUNK	1	0	0	704	704
470-0507	ROCK'N ROLL SLIDE, 40" - 48"	1	1	1	107	107
470-0540	VIPER S 48-56	1	2	2	158	158
470-0542	VIPER R 48-56 CLUBHOUSE HEX ROOF FOR TREE T	1	2 0	2	154	154
470-0632 470-0739	VIPER S 64-72 W/O HOOD	1	2	0 2	368 152	368 152
470-0755	LUGE SLIDE, 48"-56"	1	4	2 4	198	198
470-0756	ROLLER SLIDE 48"-56"	2	3	6	721	1,442
470-0775	EZ TENSION HEX SHADEPLAY CANO	2	0	0	531	1,593
470-0802	MONACO SLIDE, 32"-40"	1	2	2	71	71
470-0804	SLIDE HOOD, LOW SIDE WALL	1	0	0	32	32
470-0805	SLIDE HOOD, HIGH SIDE WALL	1	Ő	0	32	32
570-0563	UP-DOWN TUNNEL, 16" - GROUND	1	2	2	122	122
570-0578	NAME THE STATES PANEL	1	4	4	46	46
570-0729	BUTTERFLY POST TOPPER	9	0	0	16	144
570-0782	CLUBHOUSE FULL BOARD PANEL	2	Õ	Ö	35	70
570-0798	WAVER PANEL, ABOVE PLATFORM	1	2	2	61	61
570-0811	BRAILLE PANEL	1	4	4	55	55
570-1679	SPROCKET PANEL, ABOVE PLATFORM	1	2	2	64	64
-	,				-	-



March 17, 2020 2020 Pricing

570-1858	3-IN-A-ROW PANEL, ABOVE PLATF	1	2	2	45	45
570-1859	MEMORY REACTIONS PANEL, ABOVE		2	2	66	66
570-1862	COG WHEEL PANEL	1	2	2	63	63
570-2625	CLUBHOUSE HALF BOARD PANEL	6	0	0	19	114
570-2664	BEE PANEL	1	2	2	45	45
600-0104	NPPS SUPERVISION SAFETY KIT	1	0	0	3	3
		1				
660-0103	MAINTENANCE KIT, STRUCTURE	1	0	0	7	7
660-0104	INSTALLATION KIT, STRUCTURE	1	0	0	5	5
670-0001	POST ASSEMBLY 5" OD X 91"	3	0	0	49	147
670-0002	POST ASSEMBLY 5" OD X 107"	3	0	0	58	174
	NATURE PLAY UPPER POST 5" OD	6	Õ	-	17	
670-0146			-	0		102
670-0149	POST ASSEMBLY 5" OD X 197"	3	0	0	104	312
670-0150	POST ASSEMBLY 5" OD X 80"	5	0	0	44	220
670-0158	POST ASSEMBLY 5" OD X 184"	3	0	0	97	291
670-0161	POST, SWAGED ROOF 5" OD X 171"	6	0	0	90	540
				-		
670-0163	POST, SWAGED ROOF 5" OD X 220"	12	0	0	115	1,380
670-0165	POST ASSEMBLY 5" OD X 123"	22	0	0	66	1,452
670-0166	POST ASSEMBLY 5" OD X 139"	5	0	0	74	370
670-0169	POST ASSEMBLY 5" OD X 171"	3	0	0	91	273
		•	·	•	•	
Dealdt						
Rocklt			•	0	0.17	0.47
560-0544	ROCKIT TUNNEL	1	8	8	247	247
Synergy						
072-0300-107C	3 1/2" OD X 107" CAPPED POST	1	0	0	40	40
072-0300-119C	3 1/2" OD X 119" CAPPED POST	1	0 0	Õ	44	44
		-	-	-		
072-0300-131C	3 1/2" OD X 131" CAPPED POST	1	0	0	48	48
072-0300-95C	3 1/2" OD X 95" CAPPED POST	1	0	0	35	35
072-0300-99C	3 1/2" OD X 99" CAPPED POST	2	0	0	37	74
072-0301-137R	3 1/2" OD X 137" ROOF POST	1	0	0	50	50
072-0301-145R	3 1/2" OD X 145" ROOF POST	3	0 0	Õ	53	159
				-		
290-0101	8" CLOSURE PLATE	2	0	0	5	10
290-0102	SQUARE PLATFORM	4	9	36	59	236
290-0105	IMAGINATION DISCOVER OFFSET E	1	0	0	38	38
290-0111	CLIMBER ENCLOSURE 2-5	1	0	0	17	17
290-0120	16" PLATFORM BARRIER	1	0	Õ	14	14
		1		-		
390-0128	CRUX CLIMBER 16"	I	2	2	21	21
390-0150	TRANSFER STATION, BARRIER 32"	1	7	7	156	156
390-0212	APEX ARCH CLIMBER 2-5	1	2	2	104	104
390-0228	ASCEND ROCK CLIMBER 32"-40" I	1	3	3	136	136
490-0134	IMAGINATION DISCOVER SLIDE SI	1	0	0	11	11
	PETAL POST TOPPER	1				
490-0145		4	0	0	19	76
490-0186	MONACO SLIDE, 32"-40"	1	2	2	76	76
580-1355	LIL NOVO BEAN BENCH	3	1	3	28	84
580-1356	LIL NOVO BEAN TABLE	1	5	5	60	60
580-1364	LIL NOVO BEAN STEP	1	1	1	28	28
590-0092	SPROCKET PANEL, ABOVE PLATFORM	1	1	1	59	59
	,	1	•			
590-0106	COLLISION RING PANEL	1	1	1	48	48
590-0137	BUBBLE WINDOW PANEL, ABOVE PL	1	1	1	30	30
590-0156	ACORN PANEL, 2-SIDED 2-5 ABOV	1	2	2	26	26
590-0400	SYNERGY COUNTER	1	2	2	52	52
590-0407	PIPE WALL W/STEERING WHEEL 2-5	1	1	1	36	36
000-0-01		I	I	I	50	50

Total User Capacity: 539 Total Weight: 35,609 lbs.



March 17, 2020 2020 Pricing

Total Price: \$413,599

Information is relative to the Mar 17 2020 4:35AM database.

Special Notes:

Prices do not include freight, unloading, material storage, site excavation/preparation, removal of existing equipment, removal of excess soil from footing holes, site security, safety surfacing, installation, or sales tax (if applicable). Prices are based on standard colors per CURRENT YEAR BCI Burke Catalog. Custom colors, where available, would be an extra charge. **Pricing is valid for 45 days from the date of this proposal.**



February 25, 2020 2020 Pricing

Selected Color List

Color Group	Color	
Phase 1 Accessory 1 Color Extruded/Flat 2 Color Extruded/Flat (outer) 2 Color Extruded/Flat (inner) Platform Post Sprocket Main Panel & Cruiser S Sprocket Overlay & Cruiser Side Rotomolded Rotomolded Roofs		Lime
Phase 3 Platform Accessory Rotomolded Post Kore Konnect Sprocket Main Panel & Cruiser S Sprocket Overlay & Cruiser Side 2 Color Extruded/Flat (outer) 2 Color Extruded/Flat (inner) 1 Color Extruded/Flat Canopy		Lime
Phase 5 Canopy Post Accessory 1 Color Extruded/Flat 2 Color Extruded/Flat (outer) 2 Color Extruded/Flat (inner) Rotomolded Cozy Corner Counter Cozy Corner Flower Cozy Corner Flower Cozy Corner Metal Frame Cozy Corner Netal Frame Cozy Corner 1 Color Wall Rocklt Sa Contemporary Swing Fittings Platform	Lime Brown Tan Lime Brown Tan Lime Blue Tan Lime Lime ndstone Brown Brown	



February 25, 2020 2020 Pricing

Konnection Swing[™]

Safety Standards & Guidelines - Reference Information

The Konnection Swing was designed to provide an intergenerational play opportunity and offer everyone the childhood joy of swinging! While researching the use of swings, two trends stood out to us - caregivers pushing infants in bucket seat swings and adults swinging with children on their lap. Both situations could be improved with the design of a swing designed to foster connection and increase safety. The Konnection Swing was developed as a direct result of this. The overall design is focused on fostering true connection in both eye contact and proximity leading to increased engagement for all users. Hands-free swinging allows the caregiver to hold, interact and play with the child as they both experience the thrill of swinging together.

The Konnection Swing is IPEMA Certified and meets or exceeds the requirements of ASTM F1487-17, which is recognized as the standard of care in the playground industry. This ASTM public playground safety standard is revised every two to three years to remain current with innovation and market trends.

The CPSC Public Playground Safety Handbook hasn't been revised since 2008 and doesn't include new product categories that have been innovated in recent years. There are a couple of points to note when deciding to purchase a multi-user swing:

- Multi-user swings are innovative and CPSC Public Playground Safety Handbook doesn't have a standard that specifically covers them.
- CPSC 5.3.8.3.1 CPSC recommends that belt swing seats should be designed to accommodate no more than one user at any time. While the Konnection Swing is a single axis swing, it is clearly not a belt seat.
- CPSC 2.3.1 CPSC says that swings intended for more than one user are not recommended because their greater mass, as compared to single occupancy swings, presents a risk of impact injury.
 - The ASTM safety standard, F1487, was revised in 2011 to add maximum impact requirements for swings and the Konnection Swing has been tested and is compliant with ASTM impact requirements.
 - CPSC has written a letter stating that "the swing impact test in F1487-11 is a reasonable approach to address the concerns posed by unoccupied, heavy, multiple occupancy swings."
- CPSC has always included an exemption to both recommendations listed above for tire swings, which are multiple occupancy swings that are suspended from a single pivot and permit swinging in any direction.
- CPSC also emphasizes that their Handbook provides recommendations, not requirements. If a jurisdiction adopts the Handbook's recommendations as mandatory requirements, that jurisdiction would need to determine how the requirements should be applied in any particular instance.

TESTIMONIALS

"Service, Safety, Quality. Three words I would use to describe the people, business model, and overall organizational standards that inspires the BCI Burke Company. Every organization has a unique set of challenges and goals when it comes to building an educational environment - and from our experience, BCI Burke came to the table ready to work with us as partners to meet those challenges and goals head on.

We chose to work with BCI Burke because we needed a reliable company that would be able to provide nothing less than the highest quality product with our own time limitations. As with most other businesses, we did not have the luxury of making an investment into a project of this magnitude and not feel 100% certain that we had gotten the very best of our dollar. We also had to assure our stakeholders that we would see that investment last the test of time.

BCI Burke offered us superb and consistent customer service, the ability to achieve our goal on a fast timetable, and the confidence that our playground is genuinely the very best in design and safety. This is something that we will showcase in our school for many years to come.

After working with the company, I know personally they are committed to go the extra mile to satisfy your needs. BCI Burke is a master in their field but also provide the customer with an intuitive understanding of service".

Angela H. Brunini Principal St. Anthony Catholic School

"I am writing to tell you how much I enjoyed and appreciated working with your local representative...Through the years, I have worked with a number of playground companies, but never with anyone with the professionalism, commitment and follow-through of (your Burke Rep). We are all so excited about our children having the opportunity to play on your wonderful equipment; of course, we want everything! We are so impressed with the many, many possible designs. Thank you for the quality of your equipment and your local representatives."

Nancy Emerson Director The Children's Center Dallas , TX



BURKE GENERATIONS WARRANTY®

The Longest and Strongest warranty in the industry

BCI Burke Company, LLC ("Burke") warrants that all standard products are warranted to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of shipment.

We stand behind our products.

In addition, the following products are warranted, under normal use and service from the date of shipment as follows:

- One Hundred (100) Year Limited Warranty on aluminum and steel upright posts (including Intensity®, Synergy™, Nucleus®, Voltage®, Little Buddies®, ELEVATE®, ACTIVATE®, INVIGORATE™) against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on KoreKonnect® clamps against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on Hardware (nuts, bolts, washers)
- One Hundred (100) Year Limited Warranty on bolt-through fastening and clamp systems (Synergy™, Intensity®, Nucleus®, Voltage®, Little Buddies®, ELEVATE®).
- Twenty-Five (25) Year Limited Warranty on spring assemblies and aluminum cast animals.
- Fifteen (15) Year Limited Warranty on structure platforms and decks, metal roofs, table tops, bench tops, railings and barriers against structural failure due to materials or workmanship.
- Fifteen (15) Year Limited Warranty on all plastic components including StoneBorders against structural failure due to materials or workmanship.
- Ten (10) Year Limited Warranty on ShadePlay Canopies fabric, threads, and cables against degradation, cracking or material breakdown resulting from ultra-violet exposure, natural
 deterioration or manufacturing defects. This warranty is limited to the design loads as stated in the specifications.
- Ten (10) Year Limited Warranty on NaturePlay® Boulders and GFRC products against structural failure due to natural deterioration or workmanship. Natural wear, which may occur with any concrete product with age, is excluded from this warranty
- Ten (10) Year Limited Warranty on Full Color Custom Signage against manufacturing defects that cause delamination or degradation of the sign. Full Color Custom Signs also carry a two (2) year warranty against premature fading of the print and graphics on the signs.
- Five (5) Year Limited Warranty on Intensity® and RopeVenture® cables and LEVEL X® flex bridge against premature wear due to natural deterioration or manufacturing defects. Determination of premature wear will be at the manufacturer's discretion.
- Five (5) Year Limited Warranty on moving parts, including swing components, against structural failure due to materials or workmanship.
- Five (5) Year Limited Warranty on PlayEnsemble® cables and mallets against defects in materials and workmanship.
- Three (3) Year Limited Warranty on electronic panel speakers, sound chips and circuit boards against electronic failure caused by manufacturing defects.

The warranty stated above is valid only if the equipment is erected in conformity with the layout plan and/or installation instructions furnished by BCI Burke Company, LLC using approved parts; have been maintained and inspected in accordance with BCI Burke Company, LLC instructions. Burke's liability and your exclusive remedy hereunder will be limited to repair or replacement of those parts found in Burke's reasonable judgment to be defective. Any claim made within the above stated warranty periods must be made promptly after discovery of the defect. A part is covered only for the original warranty period of the applicable part. Replacement parts carry the applicable warranty from the date of shipment of the replacement from Burke. After the expiration of the warranty period, you must pay for all parts, transportation and service charges.

Burke reserves the right to accept or reject any claim in whole or in part. Burke will not accept the return of any product without its prior written approval. Burke will assume transportation charges for shipment of the returned product if it is returned in strict compliance with Burke's written instructions.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF THE FOREGOING DISCLAIMER OF ADDITIONAL WARRANTIES IS NOT GIVEN FULL FORCE AND EFFECT, ANY RESULTING ADDITIONAL WARRANTY SHALL BE LIMITED IN DURATION TO THE EXPRESS WARRANTIES AND BE OTHERWISE SUBJECT TO AND LIMITED BY THE TERMS OF BURKE'S PRODUCT WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OF CERTAIN IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Warranty Exclusions: The above stated warranties do not cover: "cosmetic" defects, such as scratches, dents, marring, or fading; damage due to incorrect installation, vandalism, misuse, accident, wear and tear from normal use, exposure to extreme weather; immersion in salt or chlorine water, unauthorized repair or modification, abnormal use, lack of maintenance, or other cause not within Burke's control; and

Limitation of Remedies: Burke is not liable for consequential or incidental damages, including but not limited to labor costs or lost profits resulting from the use of or inability to use the products or from the products being incorporated in or becoming a component of any other product. If, after a reasonable number of repeated efforts, Burke is unable to repair or replace a defective or nonconforming product, Burke shall have the option to accept return of the product, or part thereof, if such does not substantially impair its value, and return the purchase price as the buyer's entire and exclusive remedy. Without limiting the generality of the foregoing, Burke will not be responsible for labor costs involved in the removal of products or the installation of replacement products. Some states do not allow the exclusion of incidental damages, so the above exclusion may not apply to you.

The environment near a saltwater coast can be extremely corrosive. Some corrosion and/or deterioration is considered "normal wear" in this environment. Product installed within 500 yards of a saltwater shoreline will only be covered for half the period of the standard product warranty, up to a maximum of five years, for defects caused by corrosion. Products installed in direct contact with saltwater or that are subjected to salt spray are not covered by the standard warranty for any defects caused by corrosion.

Contact your local Burke Representative for warranty information regarding Burke Turf® and Burke Tile products.

Terms of Sale

Pricing: Prices published in this catalog are in USD, are approximate and do not include shipping & handling, surfacing, installation nor applicable taxes. All prices are subject to change without notice. Contact your Burke representative for current pricing. Payments are to be made in USD.

Weights: Weights are approximate and may vary with actual orders.

Installation: All equipment is shipped unassembled. For a list of factory-certified installers in your area, please contact your Burke representative.

Specifications: Product specifications in this catalog were correct at the time of publication. However, product improvements are ongoing at Burke, and we reserve the right to change or discontinue specifications without notice.

Loss or Damage in Transit: A signed bill of lading is our receipt from a carrier that our shipment to you was complete and in good condition upon arrival. Before you sign, please check the Bill of Lading carefully when the shipment arrives to make sure nothing is missing and there are no damages. Once the shipment leaves our plant, we are no longer responsible for any damage, loss or shortage.

For more information regarding the warranty, call Customer Service at 920-921-9220 or 1-800-356-2070.

01/2020



COLORS THAT MOVE YOU



BCIBURKE.COM

Burke





PLAY MOVES US in a big way and is inherent in our culture at Burke. We are constantly studying play and evolving our products, pushing ourselves to be better, all to bring a higher level of play to the communities we serve. Join the movement and see how play can move you!

Burke. PLAY THAT MOVES YOU.

800.266.1250 • bciburke.com





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THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF THE FOREGOING DISCLAIMER OF ADDITIONAL WARRANTIES IS NOT GIVEN FULL FORCE AND EFFECT, ANY RESULTING ADDITIONAL WARRANTY SHALL BE LIMITED IN DURATION TO THE EXPRESS WARRANTIES AND BE OTHERWISE SUBJECT TO AND LIMITED BY THE TERMS OF BURKE'S PRODUCT WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OF CERTAIN IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

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Limitation of Remedies: Burke is not liable for consequential or incidental damages, including but not limited to labor costs or lost profits resulting from the use of or inability to use the products or from the products being incorporated in or becoming a component of any other product. If, after a reasonable number of repeated efforts, Burke is unable to repair or replace a defective or nonconforming product, Burke shall have the option to accept return of the product, or part thereof, if such does not substantially impair its value, and return the purchase price as the buyer's entire and exclusive remedy. Without limiting the generality of the foregoing, Burke will not be responsible for labor costs involved in the removal of products or the installation of replacement products. Some states do not allow the exclusion of incidental damages, so the above exclusion may not apply to you.

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For more information regarding the warranty, call Customer Service at 920-921-9220 or 1-800-356-2070.

01/2020





Burke Tiles – 10-Year Limited Warranty

BCI Burke Company, LLC (Burke) warrants that Burke Tiles will be free from materials and manufacturing defects for a period of ten (10) years. Burke warrants that Burke Tiles comply with the requirements of the ASTM F1292-09 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.

Warranty Coverage

- Burke warrants that Burke Tiles have been tested and comply with ASTM F1292-09 Fall Height Performance Specifications and will maintain fall height performance for a period of ten (10) years from date of shipment.
- Burke warrants that the Burke Tiles will be free from materials and manufacturing defects.

Warranty Duration

Burkes warrants Burke Tiles on a limited basis for a period ten (10) years from the date of shipment, prorated as outlined in the warranty schedule below:

Number of Years from the Original Date of	Percentage of Material Purchase Price Burke is
Shipment	Responsible for
0-6	100%
More than 6, but less than 7	60%
More than 7, but less than 8	40%
More than 8, but less than 9	30%
More than 9, but less than 10	20%

Any segment of Burke Tiles deemed defective that meets the warranty criteria will be replaced in conjunction with the warranty schedule above.

Limitations on Liability

In no event shall Burke be liable, whether on contract or in tort or under any other legal theory, for lost profits or revenues, loss of use or similar economic loss, or for indirect special, incidental, consequential, punitive or similar damages arising out of or in connection with the use, condition, possession, performance, maintenance, non-delivery or late delivery of the products, even if Burke has been advised of the possibility of such damages. In no event shall Burke be liable for a breach of warranty in any amount exceeding the invoice price of the Burke Tiles.

Burke shall not be responsible for any costs or expenses incurred by Purchaser or others with respect to any tests, inspections, or consultations conducted by Purchaser or others. Claims must be submitted within 30 days after discovery of the alleged defect. Purchaser must promptly inspect all products upon delivery. Anything herein to the contrary notwithstanding, to the extent that any defects, shortages, or non-conformities in the products are discoverable by inspection upon delivery of the products, all obligations of Burke to purchaser with respect to such defects, shortages, and non-conformities shall be deemed to be free of such defects, shortages, and non-conformities, unless Purchaser notifies BCI Burke Company LLC of such defects, shortages, or non-conformities in writing within 30 days after the date of delivery.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF THE FOREGOING DISCLAIMER OF ADDITIONAL WARRANTIES IS NOT GIVEN FULL FORCE AND EFFECT, ANY RESULTING ADDITIONAL WARRANTY SHALL BE LIMITED IN DURATION TO THE EXPRESS WARRANTIES AND BE OTHERWISE SUBJECT TO AND LIMITED BY THE TERMS OF BURKE'S PRODUCT WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OF CERTAIN IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Warranty Exclusions

The above stated warranty does not cover product failure caused by:

- Wear and tear from normal use
- Color change caused by exposure to UV and/or normal abrasion from pedestrian traffic
- Improper installation

- Failure to properly maintain or repair the product
- Product being installed on top of a poorly prepared or designed subsurface
- Improper drainage of the sub-base
- Improper application of adhesive
- Use of adhesive not purchased directly from Burke
- Acts of negligence, abuse, accidents, and misuse including but not limited to: burns, cuts, vandalism, civil disobedience, etc.
- Contact from acids, caustic materials, petroleum chemicals or other improper cleaning materials
- The play surface being used other than for the purpose for which it was designed and installed
- Wear or abrasion under swing sets, slides, and other high friction play equipment
- Extreme or concentrated forces, including but not limited to high heels, chair supports, etc.
- Alterations or modifications made to Burke Tiles without prior authorization from Burke
- Use of inappropriate footwear
- Acts of God or other conditions beyond the reasonable control Burke

Warranty Remedies

If a product fails under normal conditions to perform as warranted during the warranty period, Burke will provide replacement product per the schedule outlined above, F.O.B. manufacturing facility, for the product determined by Burke not to comply with the stated warranty. Burke shall not be responsible for costs related to the removal or installation of defective tiles.

In the event a legitimate warranty claim is identified, it is the responsibility of the management of the facility to secure the site and prevent its use until repairs are made and the site is returned to compliance. Burke will not be liable for any injuries, incidents or damages that occur on a warranty claim site prior to the site being remedied.

Limitation of Remedies

Burke is not liable for consequential or incidental damages, including but not limited to labor costs or lost profits resulting from the use of or inability to use the products or from the products being incorporated in or becoming a component of any other product. If, after a reasonable number of repeated efforts, Burke is unable to repair or replace a defective or nonconforming product, Burke shall have the option to accept return of the product, or part thereof, if such does not substantially impair its value, and return the purchase price as the buyer's entire and exclusive remedy. Without limiting the generality of the foregoing, Burke will not be responsible for labor costs involved in the removal of products or the installation of replacement products. Some states do not allow the exclusion of incidental damages, so the above exclusion may not apply to you.

Assignment

Purchaser may not transfer, convey, or otherwise assign all or any of its rights under this warranty without prior written consent of Burke. Any such transfer or assignment without prior written consent shall be null and void and of no force or effect.

Claims must be signed and submitted with the following information; a description of the claimed defect and the date the defect was discovered, photographic images of the claimed defect, the date of the original installation, the Burke order number, your name, address and phone number. The Seller will provide notification of any additional information and physical evidence that may be required to process your claim.

Submit the claim to:

BCI Burke Company LLC 660 Van Dyne Road Fond du Lac, WI 54935

Email: burketiles@bciburke.com

For more information regarding the warranty, call Customer Service at 920-921-9220 or 1-800-356-2070.

BURKE TURF™ 10 YEAR LIMITED WARRANTY AGAINST FAILURE DUE TO EXPOSURE TO SUNLIGHT (PE)

(PE Monofilament, XP, LSR)

Installation

BCI Burke warrants the installation for a period of ONE (1) year from the date of synthetic turf installation. This installation warranty only applies to installations done by approved installers contracted by BCI Burke Company LLC and does not apply to self-installation or installations done by other contractors. This warranty includes the turf base if installed by BCI Burke. If Sub-Base issues occur such as: sink holes, not properly filled fence post holes or playground poles, sprinkler systems, this is the sole responsibility of the owner.

Product

BCI Burke warrants that for TEN (10) years from the date of synthetic turf installation, the turf, when installed and maintained as recommended by the yarn & turf manufacturer, will retain at least 50% of its pile fiber. If any area or portion of the turf substantially changes, as distinguished from a change in texture, or if pile heights decrease 50% or more within ten years after its initial installation, BCI Burke will have all such areas or portions replaced with new turf of equivalent quality, excluding installation costs. BCI Burke also warrants that at the time of the initial turf installation, the synthetic turf will be free of manufacturing defects. Slight color changes will occur over the lifetime of this turf / carpet and is not considered an issue or basis for claim. All labor cost involved with the removal of the affected turf / carpet and reinstallation of the replacement carpet will be the responsibility of the purchaser.

Subject to the following limitations:

General provisions of this limited warranty apply only to the wear of the turf with regard to ultraviolet degradation, and do not apply to damage incurred during installation, improper underlay, pile crushing, willful or negligent abuses, or damage by machinery or equipment, nor does it apply when the turf is not professionally installed by an approved installer. This limited warranty does not apply to installations on stairways or other uneven surfaces, nor does it apply to turf which has not been properly maintained.

The expressed limited warranty excludes all implied warranties, and said manufacturer shall in no event be liable for a breech of warranty in any amount exceeding the mill invoice price of the turf.

If dissatisfied, the owner must submit notice of all claims under this warranty to BCI Burke Company LLC within ten (10) years from the date of turf installation.

Limitations on Liability

In no event shall BCI Burke Company LLC be liable, whether on contract or in tort or under any other legal theory, for lost profits or revenues, loss of use or similar economic loss, or for indirect special, incidental, consequential, punitive or similar damages arising out of or in connection with the use, condition, possession, performance, maintenance, non-delivery or late delivery of the products, even if BCI Burke Company LLC has been advised of the possibility of such damages. BCI Burke Company LLC shall not be responsible for any costs or expenses incurred by Purchaser or others with respect to any tests, inspections, or consultations conducted by Purchaser or others. Claims must be submitted within 30 days after discovery of the alleged defect. Purchaser must promptly inspect all products upon delivery. Anything herein to the contrary notwithstanding, to the extent that any defects, shortages, or non-conformities in the products are discoverable by inspection upon delivery of the products, all obligations of BCI Burke Company LLC to purchaser with respect to such defects, shortages, and non-conformities shall be deemed satisfied, and all products shall be deemed to be free of such defects, shortages, and non-conformities purchaser notifies BCI Burke Company LLC of such defects, shortages, or non-conformities in writing within 30 days after the date of delivery.

<u>Warranty Exclusions:</u> The above stated warranties do not cover: "cosmetic" defects, wear and tear from normal use, damage due to incorrect installation, vandalism, misuse, accident, unauthorized repair or modification, abnormal use, lack of maintenance, or other cause not within Burke's control such as, but not limited to, the use and failure of materials (turf, infill, padding, tape and glue) that were not purchased directly from BCI Burke Company, LLC; and

This warranty does not apply (1) if the product is used for any application other than sports fields, courts, greens, or landscaping & play areas, (2) to any damage caused during or on account of improper installation or repairs, (3) to the extent that any defect or damage is caused by:

- a. Burns, cuts, accidents, vandalism, abuse, negligence, or neglect
- b. Improper design or failure of the sub-base of the sports field, green, court, or landscape
- c. Improper drainage of the sub-base which is the local contractors job and is never the responsibility of BCI Burke Company LLC
- d. Wear or abrasion caused by inadequate sub-base
- e. Wear or abrasion under swing sets, slides, and other high friction play equipment
- f. Wear due to lack of infill/no infill
- g. Movement of product due to lack of infill
- h. Use of infill products of an incorrect grade
- i. Failure to maintain infill products at the correct level (per FIFA accredited test institutes)
- j. Use of inappropriate footwear or sports equipment
- k. The playing surface being used other than for the purpose for which it was designed and installed
- I. Use of chemicals, herbicides, pesticides
- m. Use of improper cleaning methods
- n. Migrating animals
- o. Burrowing animals
- p. Any harmful chemical reaction to the product caused by infill materials
- q. Acts of God or other conditions beyond the reasonable control of BCI Burke Company LLC
- r. Post fibrillation after or during installation for purposes other than to get infill materials in place
- s. Failure to properly maintain, protect or repair the products or turf

- t. Packing, matting, or roll crush marks are inherent characteristics of turf / carpet manufactured using polypropylene/olefin and nylon fibers.
- u. Damage that occurs during the shipping/transportation process. All shipping claims must be filed against the truck line in question.
- v. Damage caused by reflection (melting) or other flammable materials

All synthetic turf is subject to normal wear and tear. Normal wear and tear is not a manufacturing defect and is not covered by this warranty.

<u>Remedy</u>

If a product fails to perform as warranted during the warranty period, BCI Burke Company, LLC will provide replacement product, F.O.B. Mill, for the product determined by BCI Burke Company, LLC or a BCI Burke Company, LLC representative not to comply with the stated warranty, allowing the purchase price for the replacement. Purchaser shall be responsible for paying the portion of the purchase price for the replacement product not allowed by BCI Burke Company, LLC. BCI Burke Company, LLC shall not be responsible for removal of the defective turf or installation of the new.

<u>Limitation of Remedies:</u> Burke is not liable for consequential or incidental damages, including but not limited to labor costs or lost profits resulting from the use of or inability to use the products or from the products being incorporated in or becoming a component of any other product. If, after a reasonable number of repeated efforts, Burke is unable to repair or replace a defective or nonconforming product, Burke shall have the option to accept return of the product, or part thereof, if such does not substantially impair its value, and return the purchase price as the buyer's entire and exclusive remedy. Without limiting the generality of the foregoing, Burke will not be responsible for labor costs involved in the removal of products or the installation of replacement products. Some states do not allow the exclusion of incidental damages, so the above exclusion may not apply to you.

Assignment

Purchaser may not transfer, convey, or otherwise assign all or any of its rights under this warranty without prior written consent of BCI Burke Company LLC Any such transfer or assignment without prior written consent shall be null and void and of no force or effect.

Claims Procedure:

Claims must be signed and submitted in writing and delivered to:

BCI Burke Company LLC 660 Van Dyne Road Fond du Lac, WI 54935

Email: <u>burketurf@bciburke.com</u>

For more information regarding the warranty, call Customer Service at 1-800-356-2070.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

I:\Warranty Documents\Burke Turf\BURKE TURF Warranty 2011 rev1.doc



FLEXGROUND STANDARD Limited Warranty

FLEXGROUND WARRANTY INITI	-		
Project Name:			
Project Job Number:			
Project Location:			
FlexGround Client:			
Project Owner:			
Address:			
City:	State:	_ Zip:	

FLEXGROUND warrants that its FLEXGROUND safety surfacing installed at the above Project location shall be free from defects in workmanship and materials for a period of **FIVE (5) years** from the date of Substantial Completion.

All warranties expressed herein are contingent upon the following: 1. Installation being performed by FLEXGROUND, 2. Owner, at owner's expense, having a FlexCoat performed at **TWO (2) year** intervals from date of substantial completion. 3. Full payment by the owner of all pertinent invoices and adherence to any required maintenance procedures as outlined in the maintenance manual, and 4. Reasonable written notice provided to FLEXGROUND by purchaser of a warranty claim. Reasonable written notice is defined as written notice received thirty (30) days from the date that the defect was either discovered or should have been discovered with reasonable diligence. Non-compliance with any of the above contingencies shall nullify the warranty in whole.

THE WARRANTY CONTAINED HEREIN IS EXPRESSLY IN LIEU OF (AND PURCHASER HEREBY WAIVES) ALL OTHER WARRANTIES, EXPRESSED, STATUTORY, OR IMPLIED IN FACT OR BY LAW, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PURCHASER FURTHER AGREES THAT IN NO EVENT SHALL FLEXGROUND, ON ANY CLAIM OF ANY KIND, HAVE ANY LIABILITY TO BUYER FOR LOSS OF USE, LOSS OF



PROFITS OR FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS NON-TRANSFERRABLE.

FLEXGROUND's sole obligations hereunder are limited to the repair or replacement of defective material. If the same material is not available, FLEXGROUND reserves the right to supply material of a similar grade, color and quality.

This warranty does not cover damage due to lifting or shifting of the sub base or substrate beneath the sub base, cracking, abrasion, moisture issues, alkali, stains, cuts, burns, gouges (such as high heel shoes), shrinking of not more than 3/8", color variations, color fading, damage caused by use other than intended, excessive wear and tear or any type of vandalism or acts of nature.

Bill Stafford President FLEXGROUND, LLC.

> **ARIZONA** Lic #288687 & 283192 602.954.0000

CALIFORNIA Lic #1003439 916.474.5431 **NEVADA** Lic #0076764 & 0077757 702.303.8701



FLEXGROUND ENDURAFLEX Limited Warranty

ENDURAFLEX WARRANTY INITIATION DATE: _ ENDURAFLEX WARRANTY EXPIRATION DATE:		
Project Name:		
Project Job Number:		
Project Location:		
FlexGround Client:		
Project Owner:		_
Address:		-
City: State:	_ Zip:	-

FLEXGROUND warrants that its ENDURAFLEX safety surfacing installed at the above Project location shall be free from defects in workmanship and materials for a period of **FIVE (5) years** from the above initiation date.

All warranties expressed herein are contingent upon the following: 1. Installation being performed by FLEXGROUND, 2. Owner, at owner's expense, having a FlexCoat performed at **TWO (2) year** intervals from date of substantial completion. 3. Full payment by the owner of all pertinent invoices and adherence to any required maintenance procedures as outlined in the maintenance manual, and 4. Reasonable written notice provided to FLEXGROUND by purchaser of a warranty claim. Reasonable written notice is defined as written notice received thirty (30) days from the date that the defect was either discovered or should have been discovered with reasonable diligence. Non-compliance with any of the above contingencies shall nullify the warranty in whole.

THE WARRANTY CONTAINED HEREIN IS EXPRESSLY IN LIEU OF (AND PURCHASER HEREBY WAIVES) ALL OTHER WARRANTIES, EXPRESSED, STATUTORY, OR IMPLIED IN FACT OR BY LAW, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PURCHASER FURTHER AGREES THAT IN NO EVENT SHALL FLEXGROUND, ON ANY CLAIM OF ANY KIND, HAVE ANY LIABILITY TO BUYER FOR LOSS OF USE, LOSS OF PROFITS OR FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS NON-TRANSFERRABLE.

ARIZONA Lic #288687 & 283192 602.954.0000 CALIFORNIA Lic #1003439 916.474.5431 **NEVADA** Lic #0076764 & 0077757 702.303.8701



FLEXGROUND's sole obligations hereunder are limited to the repair or replacement of defective material. If the same material is not available, FLEXGROUND reserves the right to supply material of a similar grade, color and quality.

This warranty does not cover damage due to lifting or shifting of the sub base or substrate beneath the sub base, cracking, abrasion, moisture issues, alkali, stains, cuts, burns, gouges (such as high heel shoes), shrinking of not more than 3/8", color variations, color fading, damage caused by use other than intended, excessive wear and tear or any type of vandalism or acts of nature.

Bill Stafford President FLEXGROUND, LLC.



ULTRAFLEX Limited Warranty

ULTRAFLEX WARRANTY INITIATION DATE: . ULTRAFLEX WARRANTY EXPIRATION DATE:		
Project Name:		-
Project Job Number:		-
Project Location:		
FlexGround Client:		-
Project Owner:		
Address:		_
City: State:	Zip:	_

FLEXGROUND warrants that its ULTRAFLEX safety surfacing installed at the above Project location shall be free from defects in workmanship of the rubber for a period of **SEVEN** (7) years when TPV is used or **FIVE** (5) years if EPDM is used, from the date of Substantial Completion.

All warranties expressed herein are contingent upon the following: 1. The owner shall perform routine maintenance as outlined in the FLEXGROUND Maintenance Manual. 2. The owner shall have, at owner's expense, a Flexcoat applied every **TWO (2) years** from date of substantial completion. 3. Reasonable written notice provided to FLEXGROUND by purchaser of a warranty claim. Reasonable written notice is defined as written notice received thirty (30) days from the date that the defect was either discovered or should have been discovered with reasonable diligence. Non-compliance with any of the above contingencies shall nullify the warranty in whole.

THE WARRANTY CONTAINED HEREIN IS EXPRESSLY IN LIEU OF (AND PURCHASER HEREBY WAIVES) ALL OTHER WARRANTIES, EXPRESSED, STATUTORY, OR IMPLIED IN FACT OR BY LAW, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PURCHASER FURTHER AGREES THAT IN NO EVENT SHALL FLEXGROUND, ON ANY CLAIM OF ANY KIND, HAVE ANY LIABILITY TO BUYER FOR LOSS OF USE, LOSS OF



PROFITS OR FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS NON-TRANSFERRABLE.

FLEXGROUND's sole obligations hereunder are limited to the repair or replacement of defective material. If the same material is not available, FLEXGROUND reserves the right to supply material of a similar grade, color and quality.

This warranty does not cover damage due to lifting or shifting of the sub base or substrate beneath the sub base, cracking, moisture issues, alkali, stains, cuts, burns, gouges (such as high heel shoes), shrinking of not more than 3/8", damage caused by use other than intended, excessive wear and tear or any type of vandalism or acts of nature.

Bill Stafford President FLEXGROUND

> **ARIZONA** Lic #288687 & 283192 602.954.0000

CALIFORNIA Lic #1003439 916.474.5431 **NEVADA** Lic #0076764 & 0077757 702.303.8701



LIMITED WARRANTY

Effective 12/1/10

Shade Systems, Inc. warrants that the equipment sold will conform in kind and quality to the specifications listed in the Order Acknowledgment and will be free of defects in workmanship or materials. Shade Systems further warrants:

- LIMITED 20 YEAR WARRANTY on all upright posts and support structure frames against failure due to rust-through corrosion. This warranty excludes any cosmetic issues.
- LIMITED 10 YEAR WARRANTY on all CoolNetTM fabrics, threads, and cables against degradation, cracking or material breakdown resulting from ultra-violet exposure, mold, and mildew, as well as on Turn-N-SlideTM fastening device. This warranty excludes fading or failure of fabric due to chemical erosion or flying or falling objects.
- LIMITED 3 YEAR WARRANTY on all WeatherNetTM fabrics and threads against degradation, cracking or material breakdown resulting from ultra-violet exposure, mold, and mildew. This warranty excludes fading or failure of fabric due to chemical erosion or flying or falling objects.
- LIMITED 1 YEAR WARRANTY for structural failure of moving parts, powder-coated finish, or any other product or part not covered by one of the above warranties.

All above warranties commence on the date of the Seller's invoice.

Should any failure to conform to the above express warranties appear within the applicable warranty period, Seller shall, upon being notified in writing promptly after discovery of the defect and within the applicable warranty period, correct such non-conformity at the sole option of the Seller either by repairing any defective part or parts, or by making available a replacement part within 60 days of written notification. Seller shall deliver the repaired or replacement part or parts to the site free of charge, but will not be responsible for providing labor or the cost of labor for the removal of the defective part or parts, transportation or its associated costs to return to Seller's factory parts to be replaced or repaired, or the installation of any replacement part or parts. Replacement parts will be warranted for remainder of original warranty.

This Warranty is exclusive and in lieu of all other warranties, whether express or implied, including but not limited to any warranty of merchantability or of fitness for a particular purpose. The remedies hereby provided shall be the exclusive and sole remedies of the purchaser. Seller shall not be liable for any direct, indirect, special, incidental or consequential damages.

Seller neither assumes nor authorizes any employee, representative or any other person to assume for Seller any other liability in connection with the sale or use of the structures sold, and there are no oral agreements or warranties collateral to or affecting the agreement.

The warranty stated above is valid only if the structures are erected in conformity with the layout plan and/or installation instructions furnished by the Seller; have been maintained and inspected in accordance with the Seller's instructions and other normal and prudent practices; have been subjected to normal use for the purpose for which the goods were designed; have not been subjected to misuse, negligence, vandalism, or accident; have not been subjected to additional or substitution of parts; and have not been modified, altered, or repaired by persons other than the Seller's designees in any respect which, in the judgment of Seller, affects the condition or operation of structures.

To make a claim, send your written statement of claim, along with the original invoice number to: Shade Systems, Inc. • 4150 S.W. 19 Street • Ocala, FL 34474

VITRITURF

Sample Warranty

Project Name: Main Street USA Playground

Owner:

Location:

City and State: Anytown, USA

Date Installation Completed:

Contractor:

Vitriturf warrants to the owner of the project name described above, subject to the conditions, and limitations stated herein, as follows:

That the Vitriturf System will not lose its bond from approved substrates and that the system will be fade-resistant so long as surface integrity is maintained; and that the system will not crack as a result of normal weather conditions and normal traffic pattern use. This warranty does not cover defects or damage caused by failure of the substrate, vandalism or misuse of the system. This system was developed to provide a resilient monolithic cushioned surface. Any other use of this system not explicitly authorized in writing by the company will not be warranted in any manner whatsoever.

The foregoing warranty shall continue for a period of (based on specification) year(s) commencing with the date of completion of the above stated system. In order to mitigate any warranty defects the owner, within the warranty period, must provide Vitriturf with written notice of any such defects within thirty (30) days of discovery.

The foregoing warranty does not cover defects of damage caused by: (1) structural or design defects; (2) misuse, vandalism, civil disobedience, acts of war; (3) acts of God, including lightning, hurricanes, tornados, earthquakes, fumes, flood, chemical fumes or foreign substances in the atmosphere or by other unusual natural occurrences. The obligations contained hereindo not cover any material used on the system which was not supplied by Vitriturf unless specifically identified above.

Any claim of defect in material in the system must be made in writing to Vitriturf as set forth above within the warranty period. This warranty will not cover damage resulting from the application, repair or subsequent work on the surface without written notice from Vitriturf of the methods and materials to be used and the party who will apply those materials. During the term of the warranty, Vitriturf, its agents, employees, and assigns shall have the right to inspect the system during business hours. If Vitriturf or its agents have not been paid by the contractor or owner for this project, the warranty will be null and void due to lack of consideration; however should payment be made in full with all associated late fees and collection fees and costs, the warranty will remain as previously stated from the date of completion.



WATERPLAY® PRODUCT WARRANTY

Waterplay Solutions Corp.® (Waterplay) is committed to delivering the highest quality products on the market. Waterplay features are built with the best materials, to the most stringent manufacturing standards. Our personal pride and construction confidence are backed by the following warranties:

Material Warranty

6 6 6 6	Stainless Steel Piping & Weldments Aluminum Materials Acetyl Nozzles, Urethane/HDPE Fiberglass, Acrylic & Polycarbonate Materials Stainless Steel Hardware Concrete (play features only) Decals (out of reach of patrons)	25 years 10 years 5 years 2 years 2 years 1 year 1 year
Water	Distribution Warranty	
۵ ۵	Water Distribution Skid Water Distribution & Recirculation Equipment Electrical Controllers & Activator Switches Kiosk Contents & Hardware	10 years 2 years 2 years 2 years
Play Fe	eature Warranty	
۵ ۵	Sound Components Moving Parts LED Components	2 years 2 years 1 year
Play Fe	eature Finish Warranty	
•	Powder Coated Painted (Airbrushed Graphics)	2 years 2 years

This warranty does not cover any damage caused by accident, improper care, negligence, normal wear and tear, surface corrosion on metal parts, discolored surfaces and other cosmetic issues or failures due to misuse or vandalism. Natural fading in feature finish over time are considered cosmetic issues and not covered. Features installed in indoor aquatic facilities, coastal areas and areas with high heat and humidity will encounter more discoloring and cosmetic issues.

Waterplay staff and/or appointed service agents are prepared with guidelines for maintenance and rapid response assistance should anything go awry. With our reliable support and quality products, Waterplay takes pride in knowing that our customers have a quality system that runs without interruption. Waterplay offers an option to extend your standard warranty on the control panel to 3, 4 or 5 years. Extended warranty

waterplay solutions corp. | 805 crowley avenue, kelowna, british columbia, canada v1y 7g6 p 250.712.3393 tf 800.590.5552 e info@waterplay.com | www.waterplay.com



commences at expiration of the standard 2 year warranty period and must be purchased by the time the park is commissioned or within 12 months of goods received on site, whichever comes first.

SAFETY

In situations where Waterplay products are utilized for any purpose other than those approved by Waterplay, the customer will be held fully responsible. In addition, Waterplay will not be held responsible for the operation, function, performance, misuse, injuries, or claims resulting from any other products installed within proximity to water structures manufactured by Waterplay.

CONDITIONS

- 1. Park registration process must be complete prior to a warranty claim being processed <u>http://www.waterplay.com/en/park-registration/</u>
- 2. All warranties commence upon receipt of goods on site and are only valid if Waterplay equipment is installed in accordance with Waterplay specifications and installation instructions. Waterplay will not cover warranty issues resulting from installation errors.
- 3. Modifications to Waterplay equipment without prior written approval will void all warranties covered by this document.
- 4. Warranties are limited to the value of parts and components sold. The client is responsible for the cost of removing and replacing warranted parts/features, the cost for shipping of warranty items to the client site and the return of defect items to Waterplay (if required).
- 5. All warranty claims against shipping damages or missing parts will be in accordance with the Terms & Conditions of the Purchase Agreement.
- 6. It is the responsibility of the owner to inspect all aspects of their facility at regular intervals. All maintenance shall be performed in accordance with the Waterplay Owner's Manual and documented in an approved log book.
- 7. Waterplay does not assume responsibility for damage resulting from extreme weather conditions such as flooding, fires, lightning or any act of force majeure. Waterplay does not warrant defects or damage caused by water supply or quality of utilities nor does it warrant landscaping, site amenities or surfacing in areas where Waterplay products are installed.
- 8. Any warranty issues are governed by the laws of the province of British Columbia, Canada.
- 9. Warranty claims will only be processed for accounts considered to be in good standing at the time the claim is made.
- 10. The foregoing warranties are exclusive and in lieu of all other warranties. There shall be no liability for incidental or consequential damages.
- **11**. Waterplay reserves the right to develop, improve, change or discontinue any product and/or specification without notice and is has no obligation to retrofit these changes into existing parks.



BCI Burke Company, LLC Problem Report

Rep Firm:	Today's Date:
Rep Order #:	Burke Order #
Salesperson:	Date Shipped:
Address:	Contact:
	Phone:
Phone:	Freight Co.:
Fax:	Pro Number:

REQUEST TYPE			
Freight Damage:	Oth	er:	
Visual (at time of delivery)		Incorrect Item (w/in 45 days of delivery)	
Concealed (up to 10 business days after delivery)		Missing Item (w/in 45 days of delivery)	
Delivery receipt signed as damaged?		Warranty Item	

Photos Available? NO YES Photos e-mailed to Customer Service on:

REASON FOR REQUEST

Anticipated Back Charges?: NO YES

QTY	PART#	DESCRIPTION	COLOR

SHIPPING ADDRESS:			SPECIAL INSTRUCTIONS		
Ship to:			Cust. Name:		Date Needed By:
MF:			Phone:		
Address:					
City:					
State, Zip:					



BCI Burke Company, LLC Credit/Back-charge Authorization Request

All credit/back-charge requests are to be sent to the attention of Customer Service.

Rep Firm:	Today's
	Date:
Rep Order #:	Burke Order
	#
Salesperson:	Date
	Shipped:
Address:	Contact:
	Phone:
Phone:	Freight Co.:
Fax:	Pro Number:

Is there a Problem Report on file?	YES 🗌	NO 🗌
------------------------------------	-------	------

Reas	son for Return(check one)	Amount
	Freight Damage	
	Shortage	
	Warranty	
	Other (explain)	

Details:		

Back Charges are reimbursed at the per person hourly rate of \$40.00 per hour and the Federal Travel Regulation effective 01/01/2020 of \$.575 per mile

Number of Miles	X \$.575 Rate	
Person(s)	Hours @ \$40.00	

Details of back charge requested:	

Key Burke Staff

Sales Management

Michael E. Phelan

President / CEO Tenure with Burke: 8 years Manages Burke Sales Team

Regional Sales Managers working with Representatives in the Field:

Jill Hagen

Regional Sales Manager Tenure with Burke: 5 years Tenure in Playground Industry: 14 years Managing Relationship with Burke's Eastern Representatives

Luke Tautges

Regional Sales Manager Tenure with Burke: 8 years Tenure in the Playground Industry: 8 years Managing Relationship with Burke's Midwestern Representatives

Sales Support Team

Marianne Larson

Sales Support Manager Tenure with Burke: 8 years Contract Management / Supporting Burke's Representative and Internal Sales Teams

Marketing & Collateral Development & Approval

Brian Johnson

Chief Marketing Officer Tenure with Burke: 12 years Tenure in the Industry: 20 years Manages Marketing Team and is Primary Point of Contact for Developing & Implementing Go-To-Market Strategy

James Ferguson

Regional Sales Manager Tenure with Burke: 4 years Tenure in Playground Industry: 6 years Managing Relationship with Burke's Western Representatives

Glenn Garcia

Regional Sales Manager Tenure with Burke: 1 year Tenure in Playground Industry: 8 years Managing Relationship with Burke's Southern Representatives

Jessica Westphal

Sales Support Coordinator Tenure with Burke: 6 years Issuing Member Quotes/Answering sales related questions

Kelly Jo McClanathan

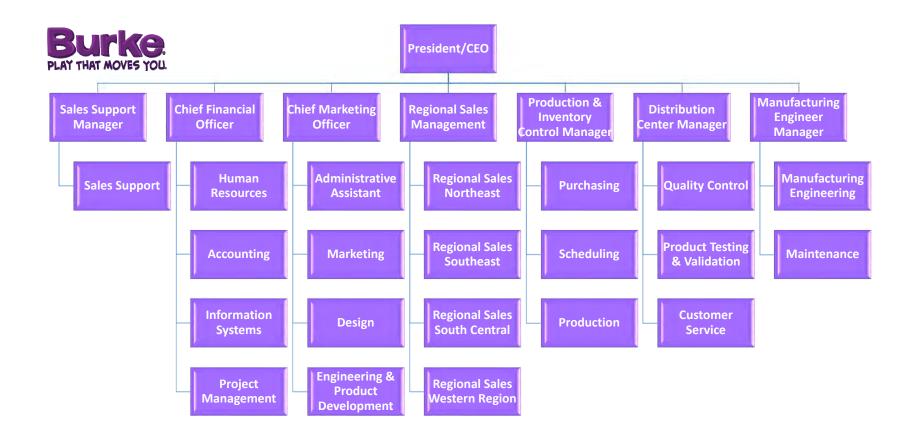
Marketing Supervisor Tenure with Burke: 4 years Supervises team developing marketing collateral

Reporting & Accounting

Kim Beger Accounting Associate Tenure with Burke: 18 years Sales Reporting

Keisha Krezman

Accounting Assistant Tenure with Burke: 1 year Invoicing



Burke/Equalis Group Sales Pipeline

Project Number	Distributor	Selling Representative	Manufacturer	Equipment Category(s)	Project City	Project State	Total Project Value	Expected Order Date	Equalis Sales Campaign
EQ-1234-20	Larson Recreational	Marianne Larson	Burke				\$ 57,300.00	9/15/2020	2020 Texas Spring Email Blast

We were unable to click in the green box for question 12.2.4 so here is both the answer to the question and the sample report:

12.2.4 Burke has a variety of methods for tracking opportunities related to projects containing Burke playground and fitness equipment. Since the pipeline of projects that would fall under the Equalis Group program may contain equipment from other manufacturers and non-contract items, Burke will maintain a spreadsheet of all opportunities quoted under this program with the expected award date and if it relates to a specific sales campaign. Burke will share this spreadsheet with the appropriate people at the Equalis Group on a monthly basis or as requested.

Burke/Equalis Group Sales Pipeline

Project Number	Distributor	Selling Representative	Manufacturer	Equipment Category(s)	Project City	Project State	Total Project Value	Expected Order Date	Equalis Sales Campaign
EQ-1234-20	Larson Recreational	Marianne Larson	Burke				\$ 57,300.00	9/15/2020	2020 Texas Spring Email Blast



America



IPEMA ASTM F1292-18 (SECTION 4.2) AND/OR ASTM F3351-19 CERTIFICATE OF COMPLIANCE

ISSUE DATE: July 8, 2020 Requested By: Jessica Westphal Project: Burke Surfacing IPEMA Certificate

In the interest of public playground safety, IPEMA provides a third party certification service whereby TÜV SÜD America validates a manufacturer's certification of conformance to ASTM F1292-18 Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment Standard, Section 4.2, Performance Criterion and/or ASTM F3351-19 Standard Test Method for Playground Surface Impact Testing in Laboratory at Specified Test Height.

The manufacturers listed below have received written validation from TÜV SÜD America that the products listed conform with the requirements of ASTM F1292-18, Section 4.2 and/or ASTM F3351-19.

The validation is made by testing at the specified fall height rating requested by the manufacturer, based upon its experience and knowledge of its products, instead of the "critical fall height" used in ASTM F1292-18. TÜV SÜD America validates that the impact attenuating performance criterion specified by ASTM F1292-18 (Section 4.2) and/or ASTM F3351-19 has been met or exceeded.

MODEL #	COMMERCIAL NAME OF PRODUCT	PRODUCT LINE	THK/HT	MANUFACTURER
Burke Turf Pro 9'	Pro Turf System, 9' Fall Height	Burke Turf	3.75" / 9'	BCI Burke Co., LLC
Burke Turf Pro 6'	Pro Turf System, 6' Fall Height	Burke Turf	2.75" / 6'	BCI Burke Co., LLC
Burke Luxury Pro, 9'	Luxury Pro Turf System, 9'	Burke Turf	4" / 9'	BCI Burke Co., LLC
Burke Luxury Pro, 6'	Luxury Pro Turf System, 6'	Burke Turf	3" / 6'	BCI Burke Co., LLC
Burke Luxury Pro, 12'	Luxury Pro Turf System, 12'	Burke Turf	6" / 12' D	BCI Burke Co., LLC
Burke Turf Elite 9'	Elite Turf System, 9' Fall Height	Burke Turf	3. <mark>75"</mark> / 9'	BCI Burke Co., LLC
Burke Turf Elite 6'	Elite Turf System, 6' Fall Height	Burke Turf	2.75" / 6'	BCI Burke Co., LLC
Burke Turf Elite 12'	Elite Turf System, 12' Fall Height	Burke Turf	4.75" / 12'	BCI Burke Co., LLC
Burke Turf Elite Plus, 9'	Burke Turf	Burke Turf	3.75" / 9'	BCI Burke Co., LLC
Burke Turf Elite Plus, 6'	Burke Turf	Burke Turf	3.75" / 9'	BCI Burke Co., LLC
070-0360	Burke Tile Square, 4.25″ 10′	Burke Tiles	4.25" / 10'	BCI Burke Co., LLC
070-0330	Burke Tile Square 3 1/4-8' EPDM	Burke Tiles	3.25" / 8'	BCI Burke Co., LLC
070-0320	Burke Tile Square 2 3/4-6'	Burke Tiles	2.75" / 6'	BCI Burke Co., LLC
070-0310	Burke Tile Square 2 1/4-4'	Burke Tiles	2.25" / 4'	BCI Burke Co., LLC

EMA







ATTACHMENT C: REQUIRED RESPONDENT INFORMATION, CERTIFICATIONS, AND ADDITIONAL DOCUMENTS SOURCING ALLIANCE/EQUALIS GROUP: PLAYGROUND EQUIPMENT & RELATED SOLUTIONS PROGRAM

Purpose of this <u>Attachment C</u>: Sourcing Alliance requires the following information about respondents ("Respondents") who submit proposals in response to any Sourcing Alliance Request for Proposal ("RFP") in order to facilitate the development of the contract with the winning supplier ("Winning Supplier"). Sourcing Alliance reserves the right to reject a Respondent's proposal if the Respondent fails to provide this information fully, accurately, and by the deadline set by Sourcing Alliance in the RFP. Further, some of this information (as identified below) must be provided in order for Sourcing Alliance to accept and consider a Respondent's proposal. Failure to provide such required information will result in a Respondent's proposal being deemed nonresponsive to this RFP.

Instructions: Provide the following information regarding the Respondent submitting the proposal. Respondents may a) complete this document in Microsoft Word by completing the form fields, print this attachment, and sign it in the designated signature areas, b) print this attachment, complete it, and sign it in the designated signature areas, or c) provide the required information and certifications (each fully re-stated from this attachment) on a separate document. It is mandatory that the information provided is certified with an original signature (in blue ink, please) from a person with sufficient authority and/or authorization to represent the Respondent. Respondents are to provide the completed and signed information and certifications in Tab 1 of the Technical Proposal submitted to Sourcing Alliance as described in <u>RFP Section 4.2 - Format for Organization of the Proposal</u>.

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Respondents must provide all the information outlined below

1. Sourcing Alliance RFP Name:	2. Proposal Due Date:
<u>RFP # 2020.05.4</u>	<u>July 9th, 2020</u>
3. Respondent Name:	4. Respondent Federal Tax ID # or Social Security #:
BCI Burke Company, LLC	<u>39-1900568</u>
(legal name of the entity responding to RFP)	
5. Respondent Corporate Address:	 Respondent Remittance Address (or "same" if same as Item #5):
727 Northwest Way	<u>PO Box 549</u>
<u>Fond du Lac, WI 54937</u>	Fond du Lac, WI 54936

7. Print or type information about the Respondent representative/contact person <u>authorized to answer questions</u> regarding the proposal submitted by your company:				
Respondent Representative:	Marianne Larson			
Representative's Title:	Sales Support Manager			
Address 1:	727 Northwest Way			
Address 2:				
City, State, Zip:	Fond du Lac, WI 54937			
Phone #:	(920) 921-9220			
Fax #:	<u>(920) 921-9566</u>			
E-Mail Address:	mlarson@bciburke.com			
the authority to execute a cont	epresentative representative <u>authorized to address contractual issues</u> , including ract on behalf of the Respondent, and to whom legal notices regarding contract be sent (<i>if not the same individual as in #7, provide the following information on each their function</i>):			
Respondent Representative:	Marianne Larson			
Representative's Title:	Sales Support Manager			
Address 1:	727 Northwest Way			
Address 2:				
City, State, Zip:	Fond du Lac, WI 54937			



Phone #:	(920) 933-6701
Fax #:	<u>(920) 921-9566</u>
E-Mail Address:	<u>mlarson@bciburke.com</u>
9. Is this Respondent an Ohio cer	tified Minority Business Enterprise ("MBE")? Yes 🗌 No 🖂
If yes, attach a copy of current cert	fication to proposal as an appendix in Tab 4 of your proposal.
10. Mandatory Supplier Certification	ns:
under specific federal or Ohio statute that they are NOT ineligible by signin	contracts with any suppliers who have been found to be ineligible for state contracts or regulations. Respondents responding to any Sourcing Alliance RFP MUST certify g each of the four statements below. Failure to provide proper affirming signature ult in a Respondent's proposal being deemed nonresponsive to this RFP.
affirm that <u>BCI Burke Combany. LL</u> debarred, suspended, proposed for transactions by the Unites States D	(insert <u>signature</u> of representative shown in Item #7, above), hereby certify and <u>C</u> (insert name of the submitting Respondent shown in Item #3, above), has not been r debarment, declared ineligible, or voluntarily excluded from participation in epartment of Labor, the United States Department of Health and Human Services, agency as set forth in 29 CFR Part 98, or 45 CFR Part 76, or other applicable
	AND
compliance with all federal, state, a	(insert signature of representative shown in Item #7, above), hereby certify and <u>LC</u> (insert name of the submitting Respondent shown in Item #3, above), is in ad local laws, rules, and regulations, including but not limited to the Occupational Bureau of Employment Services and the following:
	from any public contracts or falsified certified payroll records or any other Standards Act in the last three (3) years;
 Not found to have violated 	any worker's compensation law within the last three (3) years;
 Not violated any employee 	discrimination law within the last three (3) years;
	ave committed more than one (1) willful or repeated OSHA violation of a safety record keeping or administrative standard) in the last three (3) years;
	odification Rating of greater than 1.5 (a penalty-rated employer) with respect to mpensation risk assessment rating; and
 Not have failed to file any entity within the past three 	required tax returns or failed to pay any required taxes to any governmental (3) years.
M n	AND
	(insert <u>signature</u> of representative shown in Item #7, above) hereby certify and submitting supplier shown in Item #3, above), is not on the list established by the o ORC Section 121.23, which identifies persons and businesses with more than of court finding against them.
M	AND

affirm that <u>BCI Burke Company, LLC</u> (insert <u>signature</u> of representative shown in Item #7, above) hereby certify and subject to a finding for recovery under ORC Section 9.24. or has taken appropriate remedial steps required under



that statute to resolve any findings for recovery, or otherwise qualifies under that section to enter into contracts with Sourcing Alliance.						
11. Supplemental Respondent Contract and Equal Employment Opportunity Information:						
А.	Provide data on Respondent employees both nationwide (inclusive of Ohio staff) and the number of Ohio employees:					
		Nationwide:	<u>Ohio Offices</u> :			
	Total Number of Employees:	155	<u>0</u>			
	% of those who are Women:	30%	<u>0</u>			
	% of those who are Minorities:	6.5%	<u>0</u>			
В.	If you are the Winning Supplier ar Members, will you subcontract a		ves the provision of services to Sourcing Alliance ork?			
	NO - <i>or</i> -					
	YES, but for less than 50%	of the work <i>-or-</i>				
	YES, for 50% or more of the	e work				
C.	If any part of your proposal wo	uld be performe	ed by any subcontractors, provide the following			
	information on each subcontract	or <i>(additional pag</i>	es may be added as needed):			
	Subcontractor Name:	See Attachmen	t-Required Information - BCI Burke-Subcontractor			
	<i>Listing</i> Street Address 1:					
	Street Address 2:					
	City, State, Zip:					
	Work to be Performed:					
	Estimated percentage of total pro <i>(Do NOT show dollar amounts here</i> part of the work that will be perform	; show % of WOP	RK sub-contractors will perform/provide). Define the			
Subcontractor' Burke-Subcontr		litional pages if ne	eeded): See Attachment-Required Information - BCI			
	Total Number of Employees:	Nationwide:	Ohio Offices:			
	% of those who are Women:					
	% of those who are Minorities:					
12. Respondent has read the Sourcing Alliance Model Contract attached to the RFP as <u>Attachment F</u> , and if awarded a contract, Respondent will not (or) supplier will request changes to the standard language and has marked the requested changes and returned the model document with this proposal for consideration by Sourcing Alliance. <i>(If any changes are requested, Respondent will review those requested changes if you are the Winning Supplier. All requested changes to model contract language are subject to Respondent approval.)</i>						



13.	IArianw_ Lason_, (insert name of Respondent representative in Item #7, above) hereby affirm
	that this proposal accurately represents the capabilities and qualifications of BCI Burke Company, LLC (insert
	name of submitting Respondent as shown in item #3, above), and I hereby affirm that the cost(s) proposed to
	Sourcing Alliance for the performance of services and/or provision of goods covered in this proposal in
	response to this Sourcing Alliance RFP is a firm fixed price structure as described in the Cost Proposal,
	inclusive of all incidental as well as primary costs. (Failure to provide the proper affirming signature on this item may
	result in the dispualification of your proposal.)

Signature Manh

Kh

Date 7/7/20

14. Additional Documents:

01

Sourcing Alliance makes every attempt to meet the varying legal requirements of public agencies across the country. The documents included in this section are intended to give our contracts the broadest geographic reach by meeting the procurement requirements of other states outside of Ohio.

14.1. Lobbying Certification

Submission of this certification is a prerequisite for making or entering into this transaction and is imposed by Section 1352, Title 31, U.S. Code. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Any person who fails to file the required certification shall be subject to civil penalty of not less than ten thousand dollars (\$10,000) and not more than one hundred thousand dollars (\$100,000) for each such failure.

The undersigned certifies, to the best of his/her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.

2. If any funds other than Federal appropriated funds have been or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all covered sub-awards exceeding one hundred thousand dollars (\$100,000) in Federal funds at all appropriate tiers and that all sub-recipients shall certify and disclose accordingly.

Signature of Respondent

14.2. Boycott Certification

Respondents must certify that during the term of any Agreement, it does not boycott Israel and will not boycott Israel. "Boycott" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

ADD SIGNATURE BLOCK?



14.3. Federal Funds Certification Form (EDGAR)

When a participating agency seeks to procure goods and services using funds under a federal grant or contract, specific federal laws, regulations, and requirements may apply in addition to those under state law. This includes, but is not limited to, the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 CFR 200 (sometimes referred to as the "Uniform Guidance" or "EDGAR" requirements). All respondents submitting proposals must complete this Federal Funds Certification Form regarding respondent's willingness and ability to comply with certain requirements which may be applicable to specific participating agency purchases using federal grant funds. This completed form will be made available to Members for their use while considering their purchasing options when using federal grant funds. Members may also require Supplier Partners to enter into ancillary agreements, in addition to the contract's general terms and conditions, to address the member's specific contractual needs, including contract requirements for a procurement using federal grants or contracts.

For each of the items below, respondent should certify respondent's agreement and ability to comply, where applicable, by having respondents authorized representative complete and initial the applicable lines after each section and sign the acknowledgment at the end of this form. If a respondent fails to complete any item in this form, Sourcing Alliance will consider the respondent's response to be that they are unable or unwilling to comply. A negative response to any of the items may, if applicable, impact the ability of a participating agency to purchase from the Supplier Partner using federal funds.

14.3.1. Supplier Partner Violation or Breach of Contract Terms

Contracts for more than the simplified acquisition threshold currently set at one hundred fifty thousand dollars (\$150,000), which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 USC 1908, must address administrative, contractual, or legal remedies in instances where Supplier Partners violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

Any contract award will be subject to Terms and Conditions of Sourcing Alliance's Group Purchasing Agreement, as well as any additional terms and conditions in any purchase order, participating agency ancillary contract, or member construction contract agreed upon by Supplier Partner and the participating agency which mut be consistent with and protect the participating agency at least to the same extent as the Sourcing Alliance Terms and Conditions.

The remedies under the contract are in addition to any other remedies that may be available under law or in equity. By submitting a proposal, you agree to these Supplier Partner violation and breach of contract terms.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.2. Termination for Cause or Convenience

When a participating agency expends federal funds, the participating agency reserves the right to immediately terminate any agreement in excess of ten thousand dollars (\$10,000) resulting from this procurement process in the event of a breach or default of the agreement by Offeror in the event Offeror fails to: (1) meet schedules, deadlines, and/or delivery dates within the time specified in the procurement solicitation, contract, and/or a purchase order; (2) make any payments owed; or (3) otherwise perform in accordance with the contract and/or the procurement solicitation. participating agency also reserves the right to terminate the contract immediately, with written notice to offeror, for convenience, if participating agency believes, in



Sourcing Alliance

its sole discretion that it is in the best interest of participating agency to do so. Offeror will be compensated for work performed and accepted and goods accepted by participating agency as of the termination date if the contract is terminated for convenience of participating agency. Any award under this procurement process is not exclusive and participating agency reserves the right to purchase goods and services from other offerors when it is in participating agency's best interest.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.3. Equal Employment Opportunity

Except as otherwise provided under 41 CFR Part 60, all participating agency purchases or contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 shall be deemed to include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR Part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

The equal opportunity clause provided under 41 CFR 60-1.4(b) is hereby incorporated by reference. Supplier Partner agrees that such provision applies to any participating agency purchase or contract that meets the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 and Supplier Partner agrees that it shall comply with such provision.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.4. Davis-Bacon Act

When required by Federal program legislation, Supplier Partner agrees that, for all participating agency prime construction contracts/purchases in excess of two thousand dollars (\$2,000), Supplier Partner shall comply with the Davis-Bacon Act (40 USC 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, Supplier Partner is required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determinate made by the Secretary of Labor. In addition, Supplier Partner shall pay wages not less than once a week.

Current prevailing wage determinations issued by the Department of Labor are available at <u>www.wdol.gov</u>. Supplier Partner agrees that, for any purchase to which this requirement applies, the award of the purchase to the Supplier Partner is conditioned upon Supplier Partner's acceptance of the wage determination.

Supplier Partner further agrees that it shall also comply with the Copeland "Anti-Kickback" Act (40 USC 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States". The Act provides that each Supplier Partner or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.5. Contract Work Hours and Safety Standards Act

Where applicable, for all participating agency contracts or purchases in excess of one hundred thousand dollars (\$100,000) that involve the employment of mechanics or laborers, Supplier Partner agrees to comply with 40 USC 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 USC 3702 of the Act, Supplier Partner is required to compute the wages of every mechanic and laborer on the basis of a standard work week of forty (40) hours. Work in excess of the standard work week is nermissible provided that the worker is compensated at a rate of not less than one



and a half times the basic rate of pay for all hours worked in excess of forty (40) hours in the work week. The requirements of 40 USC 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.6. Right to Inventions Made Under a Contract or Agreement

If the participating agency's Federal award meets the definition of "funding agreement" under 37 CFR 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance or experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

Supplier Partner agrees to comply with the above requirements when applicable.

Does Supplier Partner agree? ________________(Initials of Authorized Representative)

14.3.7. Clean Air Act and Federal Water Pollution Control Act

Clean Air Act (42 USC 7401-7671g.) and the Federal Water Pollution Control Act (33 USC 1251-1387), as amended -Contracts and subgrants of amounts in excess of one hundred fifty thousand dollars (\$150,000) must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 USC 7401-7671g.) and the Federal Water Pollution Control Act, as amended (33 USC 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

When required, Supplier Partner agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act and the Federal Water Pollution Control Act.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.8. Debarment and Suspension

Debarment and Suspension (Executive Orders 12549 and 12689) - A contract award (see 2 CFR 180.220) must not be made to parties listed on the government-wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR Part 1966 Comp. p. 189) and 12689 (3CFR Part 1989 Comp. p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

Supplier Partner certifies that Supplier Partner is not currently listed on the government-wide exclusions in SAM, is not debarred, suspended, or otherwise excluded by agencies or declared ineligible under statutory or regulatory authority other than Executive Order 12549. Supplier Partner further agrees to immediately notify the Cooperative and all Members with pending purchases or seeking to purchase from Supplier Partner if Supplier Partner is later listed on the government-wide



exclusions in SAM, or is debarred, suspended, or otherwise excluded by agencies or declared ineligible under statutory or regulatory authority other than Executive Order 12549.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.9. Byrd Anti-Lobbying Amendment

Byrd Anti-Lobbying Amendment (31 USC 1352) -- Supplier Partners that apply or bid for an award exceeding one hundred thousand dollars (\$100,000) must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 USC 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. As applicable, Supplier Partner agrees to file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 USC 1352).

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.10. Procurement of Recovered Materials

For participating agency purchases utilizing Federal funds, Supplier Partner agrees to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act where applicable and provide such information and certifications as a participating agency may require to confirm estimates and otherwise comply. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds ten thousand dollars (\$10,000) or the value of the quantity acquired during the preceding fiscal year exceeded ten thousand dollars (\$10,000); procuring solid waste management services in a manner that maximizes energy and resource recovery, and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.11. Profit as a Separate Element of Price

For purchases using federal funds in excess of one hundred fifty thousand dollars (\$150,000), a participating agency may be required to negotiate profit as a separate element of the price. See, 2 CFR 200.323(b). When required by a participating agency, Supplier Partner agrees to provide information and negotiate with the participating agency regarding profit as a separate element of the price for a particular purchase. However, Supplier Partner agrees that the total price, including profit, charged by Supplier Partner to the participating agency shall not exceed the awarded pricing, including any applicable discount, under Supplier Partner's Group Purchasing Agreement.

Does Supplier Partner agree?

(Initials of Authorized Representative)

14.3.12. General Compliance and Cooperation with Members

In addition to the foregoing specific requirements, Supplier Partner agrees, in accepting any purchase order from a Member, it shall make a good faith effort to work with Members to provide such information and to satisfy such requirements as may apply to a particular participating agency purchase or purchases including, but not limited to, applicable recordkeeping and record retention requirements.



1/					
Does Supplier Partner agree?					
(Înitials of Authorized Representative)					
14.3.13. Applicability to Subcontractors Offeror agrees that all contracts it awards pursuant to the Contract shall be bound by the foregoing terms and conditions.					
Does Supplier Partner agree?					
By signature below, I certify that the information in this form is true, complete, and accurate and that I am authorized by my company to make this certification and all consents and agreements contained herein.					
BCI Burle Company Suc- Company Name Man MA Signature of Authorized Company Official					
Maria and M Lason Printed Name					
Salis Support Monager Title					
<u>7/8/2020</u> Date					
15. Required Documents for Supplier Partners Intending to Do Business in New Jersey					
15.1. Ownership Disclosure Form					
Pursuant to the requirements of P.L. 1999, Chapter 440 effective April 17, 2000 (Local Public Contracts Law), the respondent shall complete the form attached to these specifications listing the persons owning 10 percent (10%) or more of the firm presenting the proposal.					
Company Name: BCI Burke Company, LLC					
Street: 727 Northwest Way					
City, State, Zip Code: Fond du Lac, WI 54937					
Complete as appropriate:					
, certify that if and the sole of the of the sole of the sol					
provisions of N.J.S. 52:25-24.2 do not apply. OR:					
I, a partner in, a partner in, do hereby certify that the following is a list of all individual partners who own a 10 percent (10%) or greater interest therein. I further certify that if					
the following is a list of all individual partners who own a 10 percent (10%) or greater interest therein. I further certify that if one (1) or more of the partners is itself a corporation or partnership, there is also set forth the names and addresses of the stockholders holding 10 percent (10%) or more of that corporation's stock or the individual partners owning 10% or greater interest in that partnership. OR:					

6001 Cochran Road, Suite 333 | Solon, Ohio 44139 | 844.289.6728 | ww.sourcingalliance.org



I Douce As Pretrowski, , an authorized representative of <u>Bez Burke (</u> a corporation, do hereby certify that the following is a list of the names and addresses of all stockholders in who own 10% or more of its stock of any class. I further certify that if one (1) or more of such stockholders is its or partnership, that there is also set forth the names and addresses of the stockholders holding 10 percent the corporation's stock or the individual partners owning a 10 percent (10%) or greater interest in that partner	n the corporation self a corporation (10%) or more of
(Note: If there are no partners or stockholders owning 10% or more interest, indicate none.)	
Name Address	Interest
HARIFAX CAPITAL PARTNERS III LP 1133 CONNECTICUT AVE, UN WASHINGTON DE2003	6 80%
I further certify that the statements and information contained herein, are complete and correct to the best and belief.	of my knowledge
Authorized Signature and Title Date	_
15.2. Non-Collusion Affidavit Company Name: BCI Buske Company ULC Street: 727 NorTHWEST WAY City, State, Zip Code: Fond da Lon, WI 54937	
State of New Jersey	
County of Fond da Lore	
1, Douburs Pietrowski of the city of Fond dula City City	
in the County of <u>Fond du Lac</u> , State of <u>Wisconsin</u> duly sworn according to law on my oath depose and say that:	of full age, being
I am the <u>CHIEF FINANCIAL OFFICE</u> of the firm of <u>BCI Burke Company</u> LLC Title Company Name	
the respondent making the proposal for the goods, services or public work specified under the attached proven executed the said proposal with full authority to do so; that said respondent has not directly or indirectly en agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidd with the above proposal, and that all statements contained in said bid proposal and in this affidavit are true made with full knowledge that the <i>Lours Crace</i> relies upon the truth of the statement in said bid	tered into any ling in connection and correct, and
(name of procuring public entity)	



proposal and in the statements contained in this affidavit in awarding the contract for the said goods, services, or public work.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by:

BCE BUCKE COMPANY

Company Name

Authorized Signature & Title

Subscribed and sworn before me

this Qth . 207D day of U mme Notary Rublic of New Jersey WISCONSIN My commission expires 7-4, 2021 SEAL 15.3. Affirmative Action Affidavit (P.L. 1975, C.127) LIC Company Name: BCL Street: 727 Northwest 54937 City, State, Zip Code: Foud du LA **Bid Proposal Certification:** Indicate below your compliance with New Jersey Affirmative Action regulations. Your proposal will be accepted even if you are not in compliance at this time. No contract and/or purchase order may be issued, however, until all Affirmative Action requirements are met. Required Affirmative Action Evidence: Procurement, Professional & Service Contracts (Exhibit A) Supplier Partners must submit with proposal: 1. A photocopy of their Federal Letter of Affirmative Action Plan Approval OR 2. A photocopy of their Certificate of Employee Information Report OR 3. A complete <u>Affirmative Action Employee Information Report</u> (AA302) Public Work – Over Fifty Thousand Dollars (\$50,000) Total Project Cost: A. No approved Federal or New Jersey Affirmative Action Plan. We will complete Report Form AA201-A upon receipt from the Harrison Township Board of Education B. Approved Federal or New Jersey Plan – certificate enclosed



I further certify that the statements and information contained herein, are complete and correct to the best of my knowledge and belief.

CFU

Authorized Signature and Title

P.L. 1995, c. 127 (N.J.A.C. 17:27) MANDATORY AFFIRMATIVE ACTION LANGUAGE

PROCUREMENT, PROFESSIONAL AND SERVICE CONTRACTS

During the performance of this contract, the Supplier Partner agrees as follows:

The Supplier Partner or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The Supplier Partner will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Supplier Partner agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this non-discrimination clause.

The Supplier Partner or subcontractor, where applicable will, in all solicitations or advertisement for employees placed by or on behalf of the Supplier Partner, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation.

The Supplier Partner or subcontractor, where applicable, will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the Supplier Partner's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The Supplier Partner or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time and the Americans with Disabilities Act.

The Supplier Partner or subcontractor agrees to attempt in good faith to employ minority and female workers trade consistent with the applicable county employment goal prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, C.127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. Treasurer pursuant to P.L. 1975, C.127, as amended and supplemented from time to time or the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, C.127, as amended and supplemented from time to time.

The Supplier Partner or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.



The Supplier Partner or subcontractor agrees to revise any of it testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the state of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

The Supplier Partner or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The Supplier Partner and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to <u>Subchapter 10 of the Administrative Code (NJAC 17:27)</u>.

Signature of Procurement Agent

15.4. Political Contribution Disclosure Form

Public Agency Instructions

This page provides guidance to public agencies entering into contracts with business entities that are required to file Political Contribution Disclosure forms with the agency. It is not intended to be provided to Supplier Partners. What follows are instructions on the use of form local units can provide to Supplier Partners that are required to disclose political contributions pursuant to <u>N.J.S.A.</u> 19:44A-20.26 (P.L. 2005, c. 271, s.2). Additional information on the process is available in Local Finance Notice 2006-1 (www.nj.gov/dca/lgs/lfns/lfnmenu.shtml).

- 1. The disclosure is required for all contracts in excess of seventeen thousand five hundred dollars (\$17,500) that are **not awarded** pursuant to a "fair and open" process (N.J.S.A. 19:44A-20.7).
- 2. Due to the potential length of some Supplier Partner submissions, the public agency should consider allowing data to be submitted in electronic form (i.e., spreadsheet, pdf file, etc.). Submissions must be kept with the contract documents or in an appropriate computer file and be available for public access. The form is worded to accept this alternate submission. The text should be amended if electronic submission will not be allowed.
- 3. The submission must be **received from the Supplier Partner and** on file at least ten (10) days prior to award of the contract. Resolutions of award should reflect that the disclosure has been received and is on file.
- 4. The Supplier Partner must disclose contributions made to candidate and party committees covering a wide range of public agencies, including all public agencies that have elected officials in the county of the public agency, state legislative positions, and various state entities. The Division of Local Government Services recommends that Supplier Partners be provided a list of the affected agencies. This will assist Supplier Partners in determining the campaign and political committees of the officials and candidates affected by the disclosure.
 - a) The Division has prepared model disclosure forms for each county. They can be downloaded from the "County PCD Forms" link on the Pay-to-Play web site at <u>www.nj.gov/dca/lgs/p2p</u>. They will be updated from time-to-time, as necessary.
 - b) A public agency using these forms should edit them to properly reflect the correct legislative district(s). As the forms are county-based, they list all legislative districts in each county. Districts that do not represent the public agency should be removed from the lists.
 - c) Some Supplier Partners may find it easier to provide a single list that covers all contributions, regardless of the county. These submissions are appropriate and should be accepted.
 - d) The form may be used "as-is", subject to edits as described herein.





- e) The "Supplier Partner Instructions" sheet is intended to be provided with the form. It is recommended that the Instructions and the form be printed on the same piece of paper. The form notes that the Instructions are printed on the back of the form; where that is not the case, the text should be edited accordingly.
- f) The form is a Word document and can be edited to meet local needs, and posted for download on web sites, used as an e-mail attachment, or provided as a printed document.
- 5. It is recommended that the Supplier Partner also complete a "Stockholder Disclosure Certification." This will assist the local unit in its obligation to ensure that Supplier Partner did not make any prohibited contributions to the committees listed on the Business Entity Disclosure Certification in the twelve (12) months prior to the contract. (See Local Finance Notice 2006-7 for additional information on this obligation) A sample Certification form is part of this package and the instruction to complete it is included in the Supplier Partner Instructions. **NOTE: This section is not applicable to Boards of Education.**

C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM Supplier Partner Instructions

Supplier Partners receiving contracts from a public agency that are NOT awarded pursuant to a "fair and open" process (defined at <u>N.J.S.A.</u> 19:44A-20.7) are subject to the provisions of P.L. 2005, c. 271, s.2 (<u>N.J.S.A.</u> 19:44A-20.26). This law provides that ten (10) days prior to the award of such a contract, the Supplier Partner shall disclose contributions to:

- 1) any State, county, or municipal committee of a political party,
- 2) any legislative leadership committee*,
- 3) any continuing political committee (a.k.a., political action committee),
- 4) any candidate committee of a candidate for, or holder of, an elective office:
 - a) of the public entity awarding the contract,
 - b) of that county in which that public entity is located,
 - c) of another public entity within that county,
 - d) or of a legislative district in which that public entity is located or, when the public entity is a county, of any legislative district which includes all or part of the county. The disclosure must list reportable contributions to any of the committees that exceed three hundred dollars (\$300) per election cycle that were made during the twelve (12) months prior to award of the contract. See <u>N.J.S.A.</u> 19:44A-8 and 19:44A-16 for more details on reportable contributions.

N.J.S.A. 19:44A-20.26 itemizes the parties from whom contributions must be disclosed when a business entity is not a natural person. This includes the following:

- 5) individuals with an "interest" ownership or control of more than ten percent (10%) of the profits or assets of a business entity or 10% of the stock in the case of a business entity that is a corporation for profit,
- 6) all principals, partners, officers, or directors of the business entity or their spouses,
- 7) any subsidiaries directly or indirectly controlled by the business entity,
- 8) IRS Code Section 527 New Jersey based organizations, directly or indirectly controlled by the business entity and filing as continuing political committees, (PACs). When the business entity is a natural person, "a contribution by that person's spouse or child, residing therewith, shall be deemed to be a contribution by the business entity." [N.J.S.A. 19:44A-20.26(b)] The contributor must be listed on the disclosure. Any business entity that fails to comply with the disclosure provisions shall be subject to a fine imposed by ELEC in an amount to be determined by the Commission which may be based upon the amount that the business entity failed to report. The enclosed list of agencies is provided to assist the Supplier Partner in identifying those public agencies whose elected official and/or candidate campaign committees are affected by the disclosure requirement. It is the Supplier Partner's responsibility to identify the specific committees to which contributions may have been made and need to be disclosed. The disclosed information may exceed the minimum requirement. The enclosed form, a content-consistent facsimile, or an electronic data file containing the required details (along with a signed cover sheet) may be used as the Supplier Partner's submission and is disclosable to the public under the Open Public Records Act. The Supplier Partner must also complete the attached Stockholder Disclosure Certification. This will assist the agency in meeting its obligations under the law.



NOTE: This section does not apply to Board of Education contracts.

¹ <u>N.J.S.A.</u> 19:44A-3(s): "The term "legislative leadership committee" means a committee established, authorized to be established, or designated by the President of the Senate, the Minority Leader of the Senate, the Speaker of the General Assembly or the Minority Leader of the General Assembly pursuant to section 16 of P.L.1993, c.65 (C.19:44A-10.1) for the purpose of receiving contributions and making expenditures."

C. 271 POLITICAL CONTRIBUTION DISCLOSURE FORM Required Pursuant to N.J.S.A. 19:44A-20.26

This form or its permitted facsimile must be submitted to the local unit no later than ten (10) days prior to the award of the contract.

Part I – Supplier Partner Information

Supplier Partner BCZ	BUCKE COMPANY LLC	
Address: 727 Nor	THWEST WAY	
City: Fonddulm		54937

The undersigned being authorized to certify, hereby certifies that the submission provided herein represents compliance with the provisions of N.J.S.A. 19:44A-20.26 and as represented by the Instructions accompanying this form.

Title

Doublas Vietraus. Signature Printed Name

Part II – Contribution Disclosure

Disclosure requirement: Pursuant to <u>N.J.S.A.</u> 19:44A-20.26 this disclosure must include all reportable political contributions (more than three hundred dollars (\$300) per election cycle) over the twelve (12) months prior to submission to the committees of the government entities listed on the form provided by the local unit.

Check here if disclosure is provided in electronic form.

Contributor Name	Recipient Name	Date	Dollar Amount
			\$
			-
	Non		
	N		





	-					
Check here if the information is continued	on subsequent page(s)					
List of Agencies with Elected Officials Required for Political Contribution Disclosure <u>N.J.S.A.</u> 19:44A-20.26 County Name: State: Governor, and Legislative Leadership Committees Legislative District #s: State Senator and two members of the General Assembly per district.						
County:						
Freeholders	County Clerk Surrogate	Sheriff	1 b			
	Junogato					
Municipalities (Mayor and members of governing body, regardless of title):						
USERS SHOULD CREATE THEIR OWN FORM, OR DOWNLOAD FROM <u>WWW.NJ.GOV/DCA/LGS/P2P</u> A COUNTY- BASED, CUSTOMIZABLE FORM.						
15.5. Stockholder Disclosure Form						
Name of Business:						
I certify that the list below contains the names and home addresses of all stockholders holding ten percent (10%) or more of the issued and outstanding stock of the undersigned.						
□ I certify that no one stockholder owns ten		ne issued and outstanding	g stock of the undersigned.			
Check the box that represents the type of t	business organization:					
Partnership Comparation						
Corporation						
Limited Partnership			1			



K Limited Liability Corporation	
Limited Liability Partnership	
Subchapter S Corporation	
Sign and notarize the form below, and, if necessary, complete the	he stockholder list below.
Stockholders:	
	Name:
Name: BCI B DUVESTMENTS, THE 100%	Name.
Home Address: 227 Alurthurst WAY	Home Address:
Home Address: 727 NorTHWEST WAY Fonddu LAR, WT 54937	Tome Address.
Tondaliche inter	
Name:	Name:
Home Address:	Home Address:
Name:	Name:
Home Address:	Home Address:
· ·	
	· / /
oth	XIIII
Subscribed and sworn before me this Other day of	Deyley Filiowall
Surg , 20.	(Affiant)
(Notary Public) WONNE & Codula	(Affiant) Dougens Pietrawski CFU
	(Print name & title of affiant)
My Commission expires: 7-4-2021	
	(Corporate Seal)

16. Required Documents for Supplier Partners Intending to Do Business in Arizona

16.1. Arizona Supplier Partner Requirements

AZ Compliance with Federal and state requirements. Supplier Partner agrees when working on any federally assisted projects with more than two thousand dollars (\$2,000.00) in labor costs, to comply with all federal and state requirements, as well as Equal Opportunity Employment requirements and all other federal and state laws, statutes, etc. Supplier Partner agrees to post wage rates at the work site and submit a copy of their payroll to the member for their files. Supplier Partner must retain records for three years to allow the federal grantor agency access to these records, upon demand. Supplier Partner Partner also agrees to comply with the Arizona Executive Order 75-5, as amended by Executive Order 99-4.

When working on contracts funded with Federal Grant monies, Supplier Partner additionally agrees to comply with the administrative requirements for grants, and cooperative agreements to state, local and federally recognized Indian Tribal Governments.





AZ Compliance with workforce requirements. Pursuant to ARS 41-4401, Supplier Partner and subcontractor(s) warrant their compliance with all federal and state immigration laws and regulations that relate to their employees, and compliance with ARS 23-214 subsection A, which states, ... "every employer, after hiring an employee, shall verify the employment eligibility of the employee through the E-Verify program"

Sourcing Alliance reserves the right to cancel or suspend the use of any contract for violations of immigration laws and regulations. Sourcing Alliance and its members reserve the right to inspect the papers of any Supplier Partner or subcontract employee who works under this contract to ensure compliance with the warranty above.

AZ Supplier Partner Employee Work Eligibility. By entering into this contract, Supplier Partner agrees and warrants compliance with A.R.S. 41-4401, A.R.S. 23-214, the Federal Immigration and Nationality Act (FINA), and all other Federal immigration laws and regulations. Sourcing Alliance and/or Sourcing Alliance members may request verification of compliance from any Supplier Partner or subcontractor performing work under this contract. Sourcing Alliance and Sourcing Alliance members reserve the right to confirm compliance. In the event that Sourcing Alliance or Sourcing Alliance may pursue any and all remedies allowed by law, including but not limited to suspension of work, termination of contract, suspension and/or debarment of the Supplier Partner. All cost associated with any legal action will be the responsibility of the Supplier Partner.

AZ Non-Compliance. All federally assisted contracts to members that exceed ten thousand dollars (\$10,000.00) may be terminated by the federal grantee for noncompliance by Supplier Partner. In projects that are not federally funded, respondent must agree to meet any federal, state or local requirements as necessary. In addition, if compliance with the federal regulations increases the contract costs beyond the agreed on costs in this solicitation, the additional costs may only apply to the portion of the work paid by the federal grantee.

Registered Sex Offender Restrictions (Arizona). For work to be performed at an Arizona school, Supplier Partner agrees that no employee or employee of a subcontractor who has been adjudicated to be a registered sex offender will perform work at any time when students are present, or reasonably expected to be present. Supplier Partner agrees that a violation of this condition shall be considered a material breach and may result in the cancellation of the purchase order at the Sourcing Alliance member's discretion. Supplier Partner must identify any additional costs associated with compliance to this term. If no costs are specified, compliance with this term will be provided at no additional charge.

Offshore Performance of Work Prohibited. Due to security and identity protection concerns, direct services under this contract shall be performed within the borders of the United States.

Terrorism Country Divestments. In accordance with A.R.S. 35-392, Sourcing Alliance and Sourcing Alliance members are prohibited from purchasing from a company that is in violation of the Export Administration Act. By entering into the contract, Supplier Partner warrants compliance with the Export Administration Act.

The undersigned hereby accepts and agrees to comply with all statutory compliance and notice requirements listed in this document.

Signature of Respondent

Certification 12451

CERTIFICATE OF EMPLOYEE INFORMATION REPORT

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of 15-0CT-2017 to 15-0CT-2020

BCI BURKE COMPANY, LLC 660 VAN DYNE ROAD FOND DU LAC WI 54937

FORD M. SCUDDER State Treasurer

Request for Taxpayer Identification Number and Certification

sence sence

Bevenue Service
 Go to www.irs.gov/FormW9 for instructions and the latest information.
 Advance of the line black

3 Crick appropriate box for rederal tax classification of the person whose name is entered on line 1. Crick only one of the single member of the following seven boxes. Individual/sole proprietor or single-member LLC Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶C Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check the appropriate box in the line above for the tax classification of the single-member owner. Do not check is disregarded from the owner of U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner of its owner. Other (see instructions) ▶ C Other (see instructions) ▶ S Address (number, street, and apt. or suite no.) See instructions. Requester's name and address (option methed)				
6 City, state, and ZIP code Fond du Lac, WI 54937	(Applies to accounts meintained outside the U.S.) and address (optional)			
7 List account number(s) here (optional)				
Part I Taxpayer Identification Number (TIN) Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid Social security number				

Part II Certification

Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

			/ /							
Sign Here	Signature of U.S. person ►	Ľ	gliste	tensk	2. 2.	Date ►	7	8	2020	

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number ((TIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

• Form 1099-INT (interest earned or paid)

 Form 1099-DIV (dividends, including those from stocks or mutual funds)

• Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)

• Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)

- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.