

SPECIFICATIONS FOR BCI BURKE PLAY STRUCTURES

SECTION 11 68 00

PART 1 GENERAL

1.01 Section Includes

- A. Installation of a playground structure model [125-121530-1] as shown on the plans and herein specified.

Related Sections

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

1.02 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.

1.03 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], [free-standing panels & signs], [swings], [Kid Koasters™], [plastic components], [other].
- D. Warranty: Include manufacturer's standard warranty.

1.04 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.

1.05 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

- 1. KoreKonnnect™ clamp castings [Nucleus, 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. 3/4" co-extruded HDPE platform, stainless steel assembly hardware.
2. Platforms [Nucleus, 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 EZKconnect (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 EZKconnect (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 EZKconnect (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. 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, 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, 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 [Voltage] Post shall be 3 1/2" OD x 11 GA galvanized steel tubing.

G. Posts, aluminum [Nucleus, 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 [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]

1. 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 [Nucleus, 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, and HDPE threaded inserts. Finished with a baked-on powder coating.
- E. 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.
- F. 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.
- G. 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.
- H. Pipe Walls, Nature Play Pipe Wall [Nucleus, 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 1/2" x 1/2" x 10 GA formed galvanized steel plate. Finished with a baked-on powder coating.
- I. 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 1/2" x 1/2" x 1/8" HR steel channel and zinc coated grade 32510 malleable iron mounting lugs. Finished with a baked on powder coating.
- J. Slotted Barrier [Nucleus, Voltage, Little Buddies] 3/4" co-extruded H.D.P.E.
- K. 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 [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 10 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 [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 [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] 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.

32" - 40" ROCK CRAWL

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.

TUBE 1.315 OD X 32 5/8: 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.

SIDE GUARD: 3/4" extruded H.D.P.E.

SQUARE DECK ADAPTER 44-40: One piece all welded construction consisting of 10 GA HR steel plate. PVC coated after fabrication.

S5 UNITARY ENCLOSURE: 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.

ROCK CRAWL PLATFORM: One piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

14 ROCK CLIMBING HOLDS: Molded professional grade rock climbing hold with stainless steel washers.

48" DOUBLE LEAF SEATS

48" DOUBLE LEAF SEAT FRAM: One piece all welded construction consisting of 1.315" OD x 14 GA galvanized steel tubing and formed 3/16" stainless steel plates. Finished with a baked on powder coating.

LEAF STEP: Cast aluminum alloy finished with a baked on powder coating.

8" CLOSURE PLATE

S5 8" CLOSURE PLATE: 14 GA galvanized steel plate finished with a baked on powder coating.

CAR ACCESSIBLE REACH PANEL

KNOB: 3/4" extruded HDPE.

CAR PANEL LEVER: 3/4" Extruded HDPE.

CAR PANEL, ACCESSIBLE REA: 3/4" co-extruded HDPE.

PANEL MOUNT BRACKET: One piece all welded construction consisting of 10 GA galvanized sheet steel and a formed 3/16" stainless steel plate, finished with a baked on powder coating.

STANDOFF: 1/2" OD threaded stainless steel

KING PIN, 7/8" DIA. X 2 1: 304 Stainless Steel

STANDOFF, 13/16": 1/2" OD threaded stainless steel tubing.

STEERING WHEEL ASSEMBLY: 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.

CHARADE PANEL, ABOVE PLATFORM

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

CASTING, SIDE FILLER, LON: A56 Aluminum. Finished with baked on powder coating.

TUBE 1.315" OD X 42 1/2": 1.315" O.D. GALV TUBING

PANEL MOUNTING PLATE: One piece all welded construction consisting of 10 GA and 14 GA galvanized steel plates. Finished with a baked on powder coating.

CHARADE PANEL ASSEMBLY: Assembly consisting of a 1/4" LLDPE double wall rotationally molded panel, 1/4" clear polycarbonate window, 1/2" extruded HDPE, extruded HDPE and acetal and stainless steel balls all assembled together with stainless steel hardware.

CLUBHOUSE FULL BOARD PANEL

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

TUBE 1.315" OD X 42 1/2": 1.315" OD x 14 GA galvanized steel tubing and zinc plated steel nut inserts. Finished with a baked on powder coating.

WOOD PLANK C: 3/4" Extruded HDPE

WOOD PLANK E: 3/4" Extruded HDPE

WOOD PLANK B: 3/4" Extruded HDPE

WOOD PLANK F: 3/4" Extruded HDPE

WOOD PLANK H: 3/4" Extruded HDPE

WOOD PLANK A: 3/4" Extruded HDPE

WOOD PLANK D: 3/4" Extruded HDPE

WOOD PLANK G: 3/4" Extruded HDPE

EZ TENSION 15' X 15' SHADEPLAY CANOPY

PIN, DOWEL, 1/2 DIA X 1 1: Hardened steel with a zinc chromate finish.

PLATE 6 3/4" X 6 3/4" X 8: 8 GA galvanized steel plate. Finished with a baked on powder coating.

PLATE, END CAP TENSION AR: 8 GA GALVANIZED STEEL PLATE

END CAP, STATIONARY PIVOT: 8 GA GALVANIZED STEEL PLATE

ARM, TENSIONING: One piece welded construction of galvanized steel tubing. Finished with a baked on powder coating.

RAFTER, NUCLEUS TENSIONIN: One piece welded construction of 1.900" OD 11 GA , 1.660" OD 12 GA and 5" OD 11 GA galvanized steel tubing. Finished with a baked on powder coating.

15' X 15' SQUARE SHADEPLA: Monofilament and tape construction high density polyethylene knitted shade fabric with vinyl covered galvanized cables, zinc-plated copper cable fasteners hot galvanized dipped turnbuckles. Performance Specification: Shade Canopy shall withstand uplift values of 19.63 PSF at a maximum of 90 MPH wind speed.

TENSION ARM END ADJUSTMEN: 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.

MINI ARCH BRIDGE W/BARRIERS

CASTING, 90 DEGREE BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.

CASTING, SPACER (ONE HOLE): 356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.

BRIDGE, S5 MINI ARCH: One piece all welded construction consisting of 12 GA surfaces and gussets. PVC coated after fabrication.

BARRIER, S5 MINI ARCH BRI: 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.

NPPS SUPERVISION SAFETY KIT

NPPS DVD: National Program for Playground Safety Supervision safety kit including training manual, training DVD, and supervision fanny pack with supplies.

PLAYENSEMBLE CIRQUE DRUM I

PLAYENSEMBLE XS DRUM MOUNT: One piece all welded construction consisting of 11 GA x 1.900" OD galvanized tubing, 1.315" OD x 14 GA galvanized tubing and four threaded inserts. Finished with a baked on powder coating.

PLAYENSEMBLE DRUM XS: ABS cap and U-PVC resonator, finished with a sprayed-on color coating.

PLAYENSEMBLE CIRQUE DRUM II

PLAYENSEMBLE S DRUM MOUNT: One piece all welded construction consisting of 11 GA x 1.900" OD galvanized tubing, 1.315" OD x 14 GA galvanized tubing and four threaded inserts. Finished with a baked on powder coating.

PLAYENSEMBLE DRUM S: ABS cap and U-PVC resonator, finished with a sprayed-on color coating.

PLAYENSEMBLE SUPINE CHIMES HUE

PLAYENSEMBLE TABLE MOUNT : 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.

PLAYENSEMBLE HUE CHIMES P: Assembly consisting of 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.

RAINDROPS ACTIVITY PANEL

RAINDROPS ACTIVITY PANEL : Assembly consisting of welded bracket, formed 10 ga galv steel plate, 1.029" OD galv tubing, 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 3/4", Polycarbonate windows, SS balls, sealed ball bearings, injection molded HDPE bolt covers, SS hardware.

ROCK CLIMBER 48"

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.

ADAPTER BLOCK: 3/4" extruded HDPE.

ROCK CLIMBER 5" POST:

Linear, low density, rotationally molded, U.V. stabilized polyethylene. .250" thick, double wall construction. Molded in 3/8" T-nut inserts, textured surface.

ROCK CLIMBER SUPPORT 48: One piece all welded construction consisting of 10GA Galv. steel plate and 2 3/8" OD x .100" wall galvanized tubing. Finished with a baked on powder coating.

S5 UNITARY ENCLOSURE: 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.

ROCK'N ROLL SLIDE, 24" - 32"

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

CASTING, SIDE FILLER, LON: A56 Aluminum. Finished with baked on powder coating.

SLIDE HOOD , NARROW SLIDE: 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.

NARROW SLIDE, 24"-32": 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.

SUPPORT,SLIDE EXIT: 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.

MOUNT TUBE: 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.

SIDE BARRIER, RIGHT, SLID: 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.

SIDE BARRIER, LEFT, SLIDE: 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.

SPROCKET PANEL, ABOVE PLATFORM

CASTING, FLAT PANEL: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

SPROCKET PANEL, NUCLEUS: Assembly consisting of 3/4" extruded H.D.P.E. panel, 1/2" extruded H.D.P.E. gears, 1/4" clear polycarbonate window, nylon washers and stainless steel hardware.

SQUARE PLATFORM

SQUARE PLATFORM S5P: 12 GA HRPO sheet, finished with a PVC Coating

STONE SLOPE CLIMBER 48"

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

STONE SLOPE ATTACHMENT PL: 10 GA. Galv. Sheet

PANEL 48" ROCK CLIMB: 1/2" extruded HDPE.

TUBE, 1.029 x 29 1/2": Formed from galvanized steel tubing of at least 1.029" OD x 14 GA wall. Finished with a baked on powder coating.

S5 UNITARY ENCLOSURE: 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.

48"-56" STONE SLOPE / ST: One piece all welded 1.315" OD tubing w/ 10 GA sheet steel. Finished with a baked on powder coating.

11 ROCK CLIMBING HOLDS: Molded professional grade rock climbing hold with stainless steel washers.

TRANSFER STATION, HANDRAIL 40"

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

SINGLE STEP HANDRAIL: Formed 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.

TUBE, 1.315 x 47 1/2": 1.315" OD x 12 GA galvanized steel tubing finished with a baked on powder coating.

SPACER, STAIR HANDRAIL: 3/4" extruded HDPE.

EXIT SUPPORT: 1.660" OD x 13 GA galvanized steel tubing finished with a baked on powder coating.

SINGLE STEP P: One piece all welded construction consisting of 12 GA surfaces and gussets. PVC coated after fabrication.

LEFT HANDRAIL 32": 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.

RIGHT HANDRAIL 32": 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.

24" ACCESSIBLE STAIRS: One piece all welded construction consisting of 12 GA HRPO steel surfaces, sides, and gussets. PVC coated after fabrication.

TRANSFER PLATFORM SQUARE: One piece all welded construction consisting of 12 GA surfaces, gussets, and corners. PVC coated after fabrication.

TRIPLE RAIL SLIDE 40"-48"

CASTING, STRAIGHT BRACKET: A356-T6 Aluminum, Heat- Treated. Finished with baked on powder coating.

CASTING, SIDE FILLER, SHO: A56 Aluminum. Finished with baked on powder coating.

TRIPLE RAIL SLIDE: 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.

SIT DOWN HOOD: 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.

DBL WAVE SLIDE EXIT SUPT: One piece all welded construction consisting of 1.660" OD x 13 GA galvanized steel tubing and 2 1/2" x 1 1/2" x 3/16" HRS angle. Finished with a baked on powder coating.

MOUNT TUBE: 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.

VIPER II SS 48-56

CASTING, 90 DEGREE BRACKET: A356-T6 Aluminum, Heat-Treated. Finished with baked on powder coating.

TUBE 1.315" OD X 48 3/4": 1.315" OD X 12 GA galvanized tubing. Finished with a baked on powder coating.

ENTRANCE SLIDE SECTION: 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.

EXIT SLIDE SECTION: 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.

45 DEG LEFT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.

45 DEG RIGHT SLIDE SECTION: 1/4" thick, linear, low density, rotationally molded, U.V. stabilized polyethylene with double wall construction, and a textured surface.

DOUBLE SLIDE HOOD: 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, SLIDE EXIT: 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 ENTRANCE PLATFORM, : Welded platform 12 gage shell and gussets. Finished with PVC coating.

HOOD MOUNT BRACKET 1.315": 10 gage mounting plate welded to 1.315" OD tubing. Finished with baked on powder coat.

SLIDE SUPPORT 2J: 8 gage formed plate welded to 1.660" OD tubing. Finished with baked on powder coat.

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.

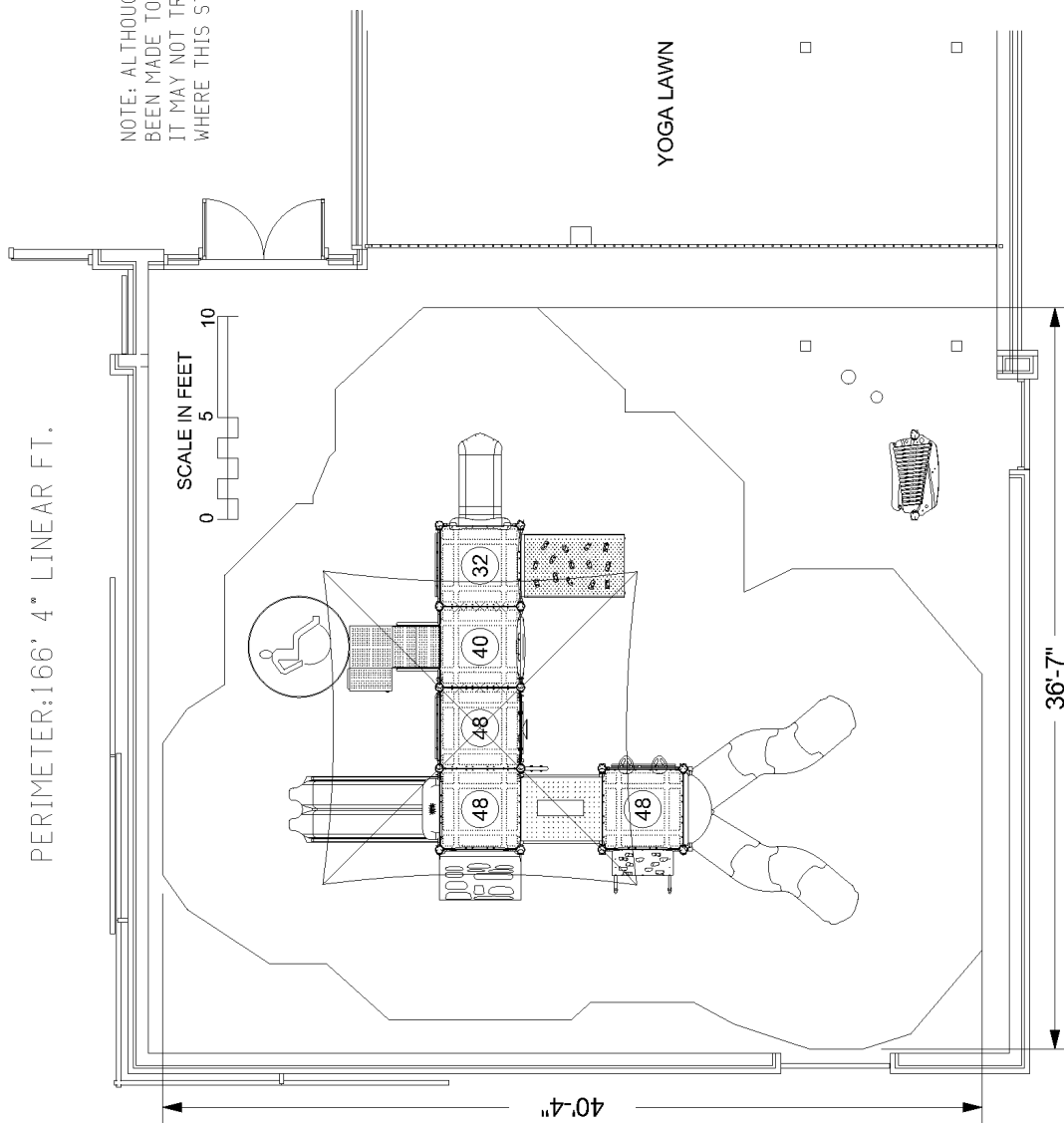
END OF SECTION

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

END OF SECTION 055100

AREA: 1,671 SQ. FT.

PERIMETER: 166' 4" LINEAR FT.



INFORMATION
MINIMUM FALL ZONE
SURFACED WITH
RESILIENT MATERIAL
AREA

1045 SQ. FT.

PERIMETER

134 FT.

STRUCTURE SIZE

40' 4" x 36' 7"

STRUCTURE IS DESIGNED
FOR CHILDREN AGES:

- ☐ 6-23 MONTH OLDS
☐ 2-5 YEAR OLDS
☒ 5-12 YEAR OLDS
☐ 13 + YEAR OLDS



To verify product certification,
visit www.ipema.org

The play components identified
in this plan are IPEMA
certified. The use and layout of
these components conform to the
requirements of ASTM F1487.
To verify product certification,
visit www.ipema.org

The space requirements shown
here are to ASTM standards.
Requirements for other standards
may be different.

The use and layout of play
components identified in this plan
conform to the CPSC guidelines.
U.S. CPSC recommends the
separation of age groups in
playground layouts.

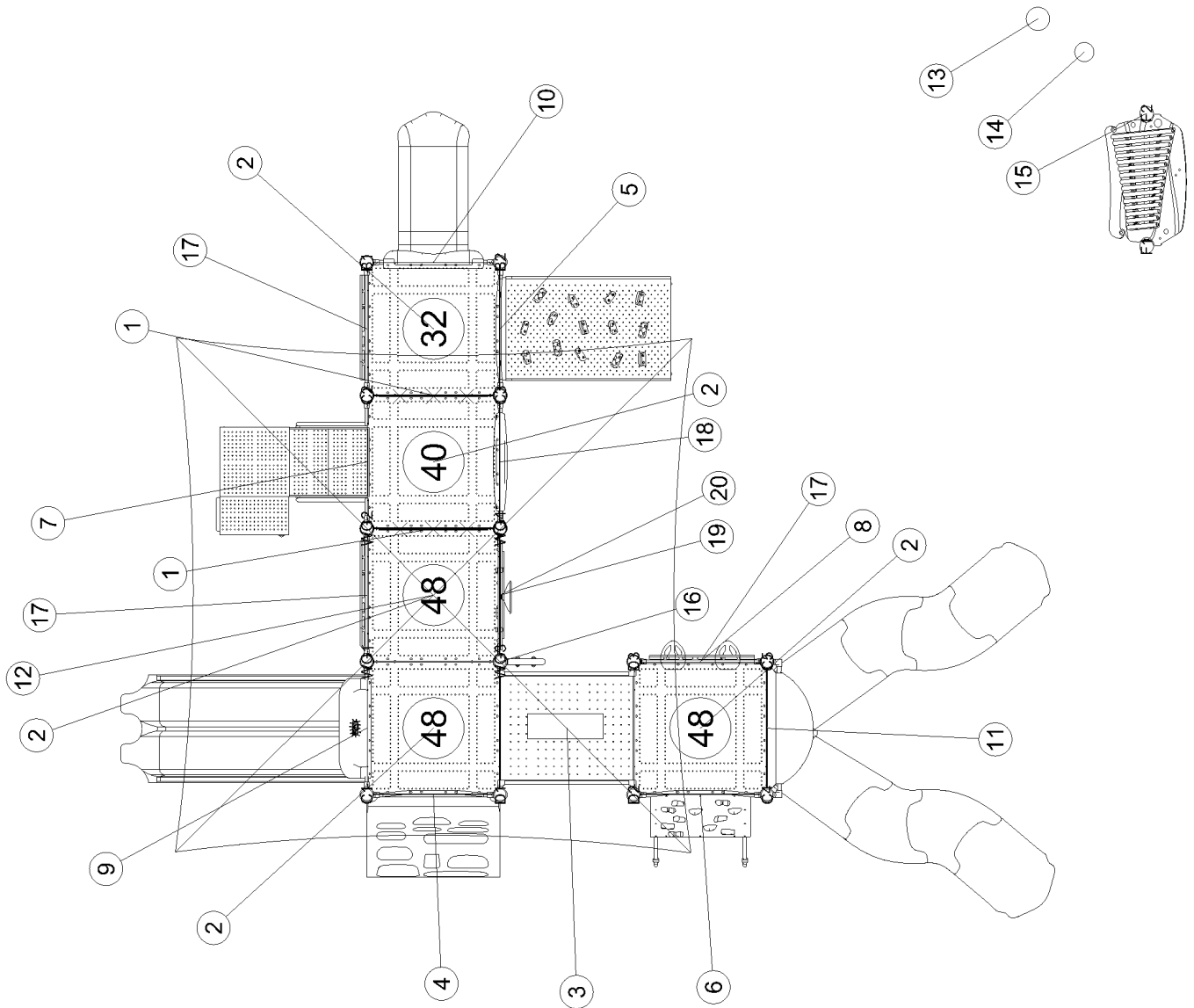
WARNING!

ACCESSIBLE SAFETY SURFACING MATERIAL IS REQUIRED BENEATH
AND AROUND THIS EQUIPMENT.
FOR SLIDE FALL ZONE SURFACING AREA SEE CPSC's Handbook for
Public Playground Safety.
PLATFORM HEIGHTS ARE IN INCHES ABOVE RESILIENT MATERIAL.

ADA ACCESSIBILITY GUIDELINE (ADAAG CONFORMANCE)

NUMBER OF PLAY EVENTS:	15
NUMBER OF ELEVATED PLAY EVENTS:	8
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY RAMP:	PROVIDED 0
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY TRANSFER SYSTEM:	PROVIDED 8
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY RAMP OR TRANSFER SYSTEM:	PROVIDED 7
NUMBER OF GROUND LEVEL PLAY EVENTS:	PROVIDED 5
NUMBER OF TYPES OF GROUND LEVEL PLAY EVENTS:	RECD: 3
	RECD: 4
	RECD: 0

ITEM	COMP.	DESCRIPTION
1	270-0050	8" CLOSURE PLATE
2	270-0130	SQUARE PLATFORM
3	270-0190	MINI ARCH BRIDGE W/BARRIERS
4	370-0202	ROCK CLIMBER 48"
5	370-0415	32" - 40" ROCK CRAWL
6	370-0531	STONE SLOPE CLIMBER 48"
7	370-0719	TRANSFER STATION, HANDRAIL
8	470-0386	48" DOUBLE LEAF SEATS
9	470-0436	TRIPLE RAIL SLIDE 40" 48"
10	470-0514	ROCKN ROLL SLIDE, 24" - 32"
11	470-0569	VIPER II SS 48-56
12	470-0770	EZ TENSION 15' X 15' SHADEPLA
13	560-0058	PLAYENSEMBLE CIRQUE DRUM
14	560-0059	PLAYENSEMBLE CIRQUE DRUM
15	570-0411	PLAYENSEMBLE SUPINE CHIME
16	570-0717	RAINDROPS ACTIVITY PANEL
17	570-0782	CLUBHOUSE FULL BOARD PANE
18	570-0797	CHARADE PANEL, ABOVE PLAT
19	570-1679	SPROCKET PANEL, ABOVE PLAT
20	570-2668	CAR ACCESSIBLE REACH PANE



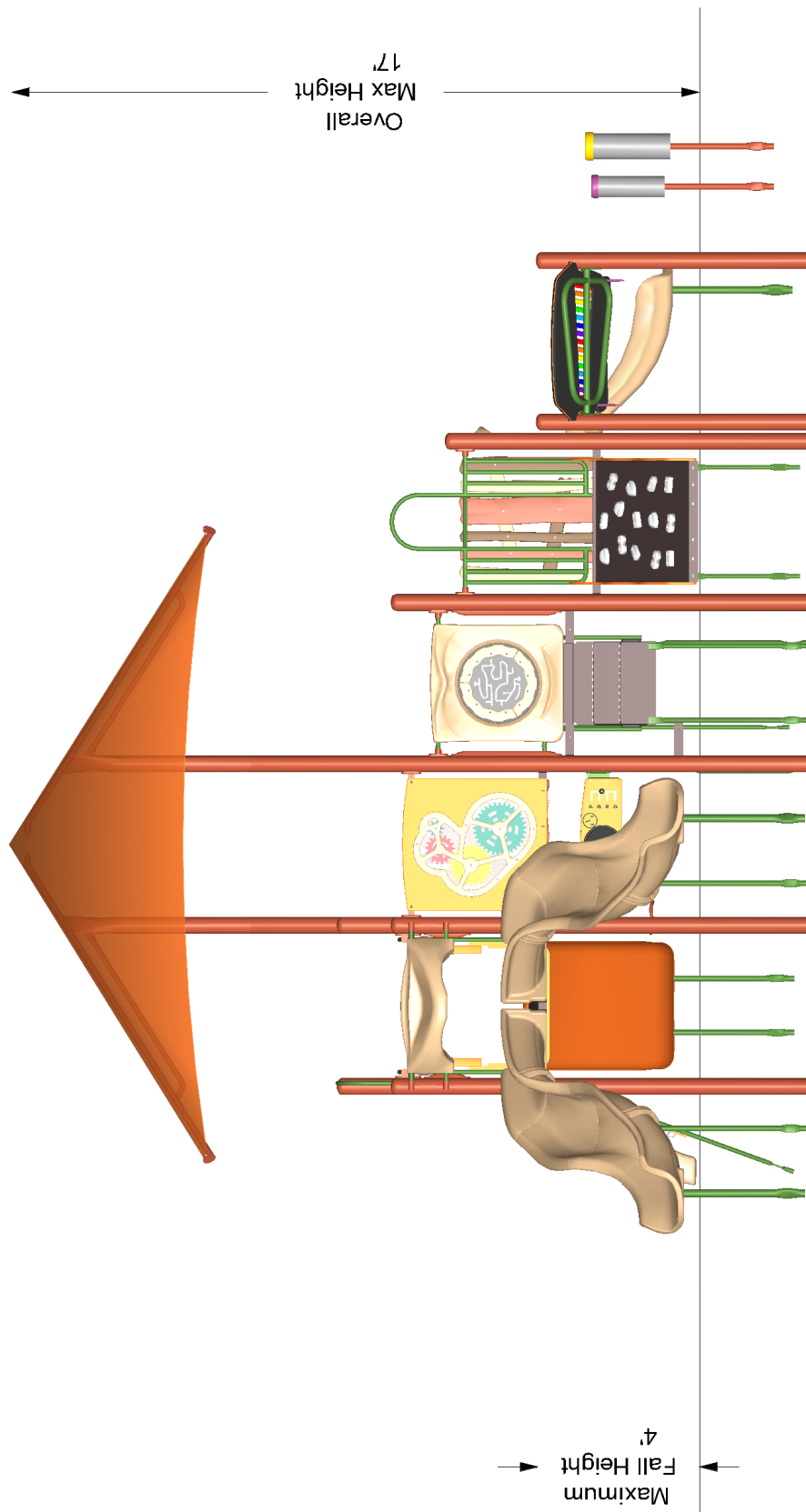
Burke

August 15, 2019

SERIES: Nucleus
COMPONENT PLAN
DRAWN BY: Pa Der Vang

W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003

fun abounds
125-121530-1



The protective surfacing for this design must accomodate the critical fall height.

Burke

August 15, 2019

SERIES: Nucleus
ELEVATION PLAN
DRAWN BY: Pa Der Vang

W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003

fun abounds
125-121530-1

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220



Burke

August 15, 2019

SERIES: Nucleus
ISOMETRIC PLAN
DRAWN BY: Pa Der Vang

W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003

fun abounds
125-121530-1

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220



Proposal # 125-121530-1

August 15, 2019
2019 Pricing

Proposal Prepared for:

Shane Wilson
W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003
Phone: 281-410-1349

Project Location:

W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003

Proposal Prepared by:

fun abounds
114 Venice Street
Sugar Land, TX 77478
Phone: 281-793-8002
Fax: 281-265-0043

Brian Kaul
Phone:
Fax: 281-265-0043
brian@fabplaygrounds.com

Component No.	Description	Qty.	User Cap.	Ext. User Cap.	Weight	Ext. Weight
Nucleus						
270-0050	8" CLOSURE PLATE	2	0	0	10	20
270-0130	SQUARE PLATFORM	5	6	30	106	530
270-0190	MINI ARCH BRIDGE W/BARRIERS	1	5	5	180	180
370-0202	ROCK CLIMBER 48"	1	2	2	158	158
370-0415	32" - 40" ROCK CRAWL	1	4	4	204	204
370-0531	STONE SLOPE CLIMBER 48"	1	2	2	101	101
370-0719	TRANSFER STATION, HANDRAIL 40"	1	5	5	199	199
470-0386	48" DOUBLE LEAF SEATS	1	2	2	16	16
470-0436	TRIPLE RAIL SLIDE 40"-48"	1	4	4	136	136
470-0514	ROCK'N ROLL SLIDE, 24" - 32"	1	1	1	85	85
470-0569	VIPER II SS 48-56	1	4	4	307	307
470-0770	EZ TENSION 15' X 15' SHADEPLA...	1	0	0	329	329
560-0058	PLAYENSEMBLE CIRQUE DRUM II	1	1	1	19	19
560-0059	PLAYENSEMBLE CIRQUE DRUM I	1	1	1	17	17
570-0411	PLAYENSEMBLE SUPINE CHIMES HUE	1	2	2	93	93
570-0717	RAINDROPS ACTIVITY PANEL	1	2	2	8	8
570-0782	CLUBHOUSE FULL BOARD PANEL	3	0	0	35	105
570-0797	CHARADE PANEL, ABOVE PLATFORM	1	2	2	61	61
570-1679	SPROCKET PANEL, ABOVE PLATFORM	1	2	2	64	64
570-2668	CAR ACCESSIBLE REACH PANEL	1	2	2	23	23
600-0104	NPPS SUPERVISION SAFETY KIT	1	0	0	3	3
660-0103	MAINTENANCE KIT, STRUCTURE	1	0	0	7	7
660-0104	INSTALLATION KIT, STRUCTURE	1	0	0	5	5
670-0002	POST ASSEMBLY 5" OD X 107"	2	0	0	58	116
670-0150	POST ASSEMBLY 5" OD X 80"	2	0	0	44	88
670-0161	POST, SWAGED ROOF 5" OD X 171"	4	0	0	90	360
670-0165	POST ASSEMBLY 5" OD X 123"	5	0	0	66	330
670-0166	POST ASSEMBLY 5" OD X 139"	3	0	0	74	222

Total User Capacity: 71
Total Weight: 3,786 lbs.
Total Price: \$45,487

Information is relative to the Aug 14 2019 4:35AM database.

Special Notes:



Proposal # 125-121530-1

August 15, 2019
2019 Pricing

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.**

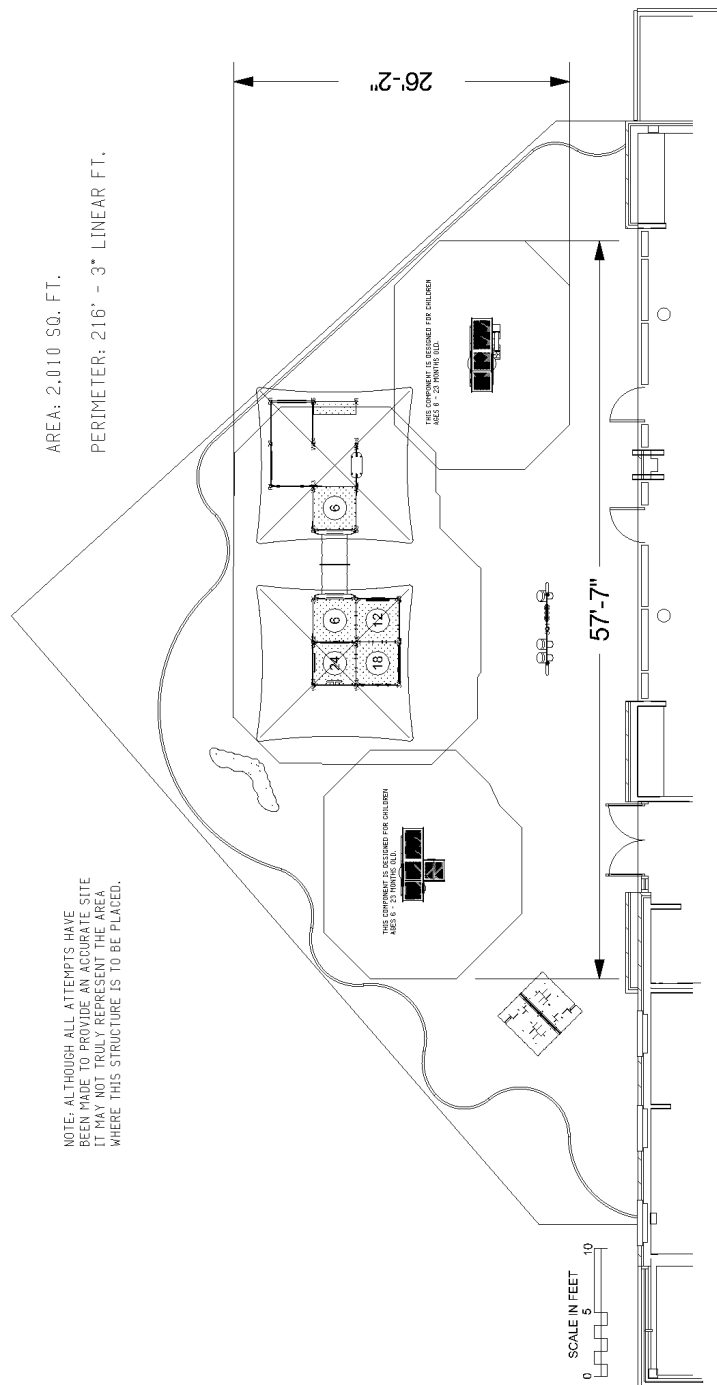


Proposal # 125-121530-1

August 15, 2019
2019 Pricing

Selected Color List

<u>Color Group</u>	<u>Color</u>
<i>Phase 1</i>	
Sprocket Main Panel & Cruiser Seat Backs	Orange
Sprocket Overlay & Cruiser Side Panels	Tan
Kore Konnect	Redwood
Platform	Brown
Accessory	Olive
Rotomolded	Tan
Post	Redwood
1 Color Extruded/Flat	Orange
2 Color Extruded/Flat (outer)	Orange
2 Color Extruded/Flat (inner)	Black
Canopy	Orange
<i>Phase 2</i>	
Accessory	Olive
2 Color Extruded/Flat (outer)	Orange
2 Color Extruded/Flat (inner)	Black
Post	Redwood
<u>Overridden Colors</u>	
<i>470-0436 TRIPLE RAIL SLIDE 40"-48"</i>	
Rotomolded	Orange



AREA: 2,010 SQ. FT.

PERIMETER: 216' - 3" LINEAR FT.

INFORMATION
MINIMUM FALL ZONE
SURFACED WITH
RESILIENT MATERIAL
AREA

924 SQ.FT.

PERIMETER
195 FT.

STRUCTURE SIZE
26' 2" x 57' 7"

STRUCTURE IS DESIGNED
FOR CHILDREN AGES:

- ☒ 6-23 MONTH OLDS
☐ 2-5 YEAR OLDS
☐ 5-12 YEAR OLDS
☐ 13 + YEAR OLDS



The play components identified in this plan are IPEMA certified. The use and layout of these components conform to the requirements of ASTM F 1487. To verify product certification, visit www.ipema.org

The space requirements shown here are to ASTM standards. Requirements for other standards may be different.

The use and layout of play components identified in this plan conform to the CPSC guidelines. U.S. CPSC recommends the separation of age groups in playground layouts.

WARNING!

ACCESSIBLE SAFETY SURFACING MATERIAL IS REQUIRED BENEATH AND AROUND THIS EQUIPMENT.
FOR SLIDE FALL ZONE SURFACING AREA SEE CPSC's Handbook for Public Playground Safety.
PLATFORM HEIGHTS ARE IN INCHES ABOVE RESILIENT MATERIAL.

ADA ACCESSIBILITY GUIDELINE (ADAAG CONFORMANCE)

NUMBER OF PLAY EVENTS:	23
NUMBER OF ELEVATED PLAY EVENTS:	7
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY RAMP:	PROVIDED 0
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY TRANSFER SYSTEM:	PROVIDED 4
NUMBER OF ELEVATED PLAY EVENTS ACCESSIBLE BY RAMP OR TRANSFER SYSTEM:	PROVIDED 16
NUMBER OF TYPES OF GROUND LEVEL PLAY EVENTS:	PROVIDED 8
NUMBER OF TYPES OF GROUND LEVEL PLAY EVENTS:	REQD: 2
NUMBER OF TYPES OF GROUND LEVEL PLAY EVENTS:	REQD: 2



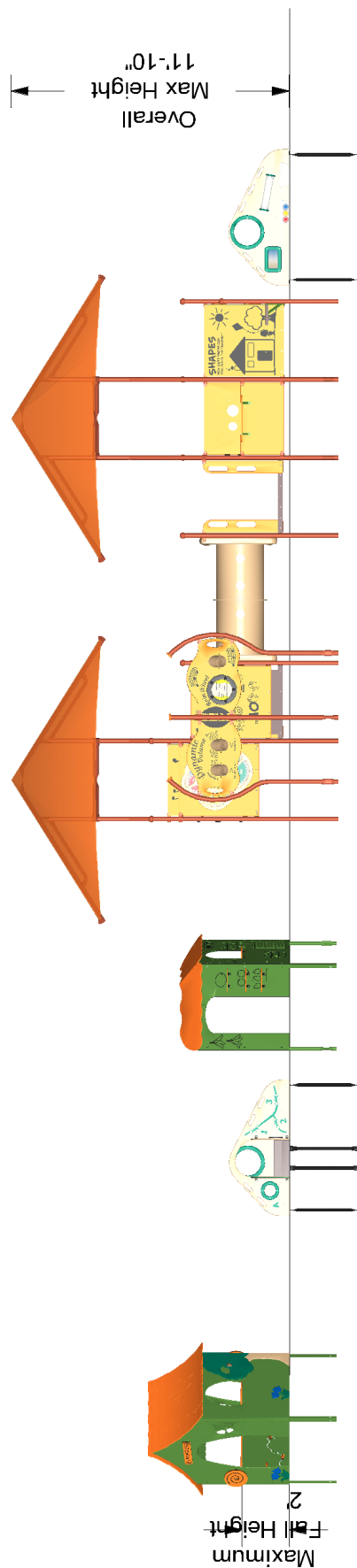
SERIES: Basics, Little Buddies
ELEVATION PLAN
DRAWN BY: Pa Der Vang

W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003

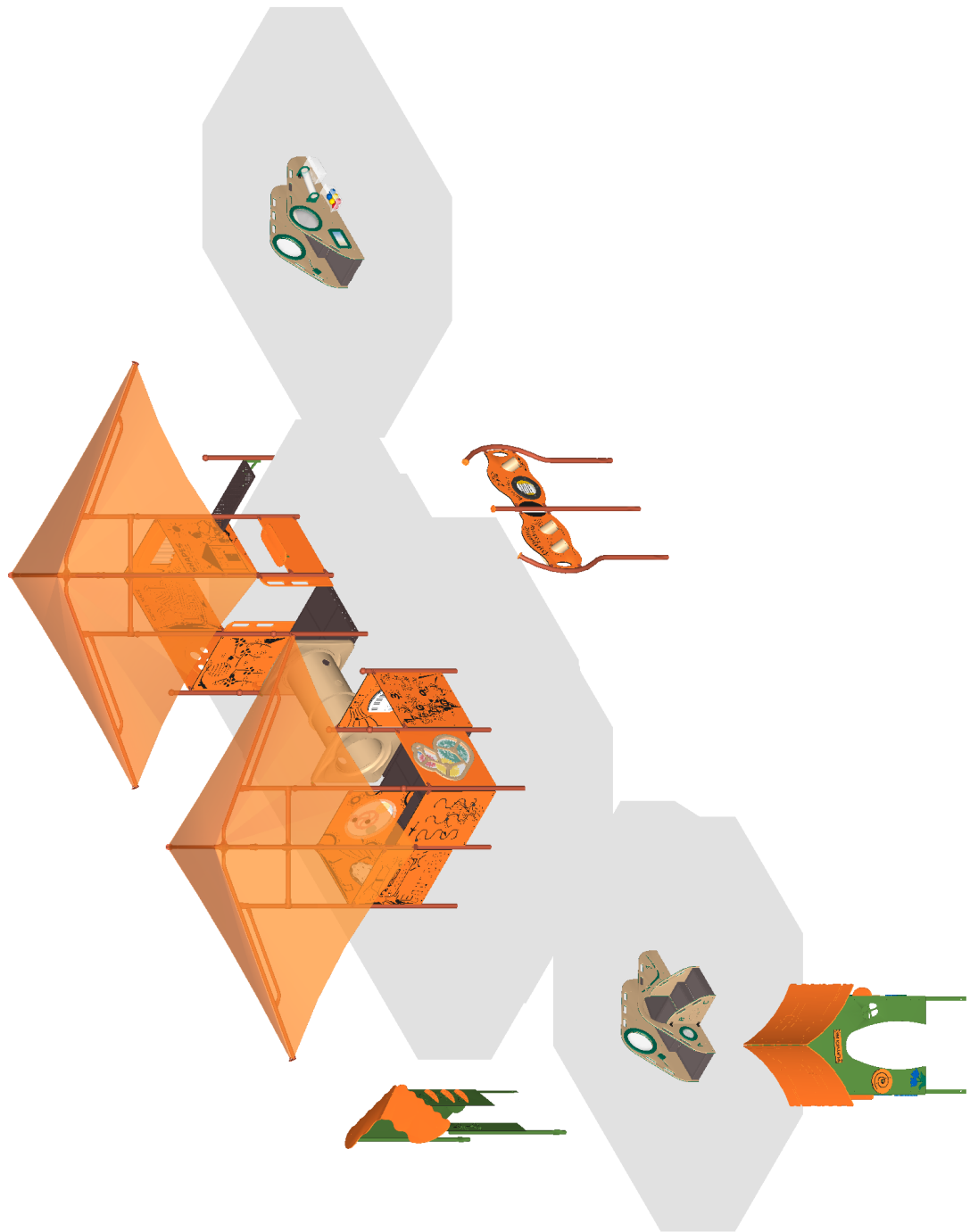
BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220

August 15, 2019

fun abounds
125-121621-1



The protective surfacing for this design must accommodate the critical fall height.



Burke

August 15, 2019

SERIES: Basics, Little Buddies

W Squared Architects

fun abounds

ISOMETRIC PLAN

3302 Canal St Ste 36

125-121621-1

DRAWN BY: Pa Der Vang

Houston, TX 77003

BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54936-0549 Telephone 920-921-9220



Proposal # 125-121621-1

August 15, 2019
2019 Pricing

Proposal Prepared for:

Shane Wilson
W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003
Phone: 281-410-1349

Project Location:

W Squared Architects
3302 Canal St Ste 36
Houston, TX 77003

Proposal Prepared by:

fun abounds
114 Venice Street
Sugar Land, TX 77478
Phone: 281-793-8002
Fax: 281-265-0043

Brian Kaul
Phone:
Fax: 281-265-0043
brian@fabplaygrounds.com

Component No.	Description	Qty.	User Cap.	Ext. User Cap.	Weight	Ext. Weight
Burke Basics						
560-2578	PLAY HOUSE	1	6	6	344	344
580-0279	CLIMB 'N' CRAWL	1	8	8	214	214
580-0286	STEP 'N' SCOOT PLUS	1	8	8	165	165
580-0300	RAIN WHEEL DRUM ELEMENT	1	4	4	52	52
580-0304	TOM-TOM DRUMS ELEMENT	1	4	4	48	48
580-0306	COZY CORNER FRUIT STAND	1	7	7	182	182
660-0101	INSTALL KIT, BURKE BASICS - P...	1	0	0	2	2
660-0145	POST ASSEMBLY 2 3/8" OD X 85 ...	1	0	0	19	19
Custom						
350-0616	6" CLOSURE PLATE	3	0	0	8	24
350-1175	CUSTOM SUPPORT PANEL	4	0	0	6	24
Little Buddies						
240-0216	SQUARE PLATFORM ASSEMBLY 8"-4...	5	5	25	51	255
440-0547	BENCH	1	2	2	27	27
440-0567	EZ TENSION 12' X 12' SHADEPLA...	2	0	0	234	468
540-0163	CIRCLE PANEL, GROUND LEVEL	1	2	2	38	38
540-0179	COUNTER PANEL	1	4	4	32	32
540-0275	CHIMES PANEL, BELOW PLATFORM/...	1	4	4	50	50
540-0752	STRAIGHT TUNNEL W/PORTS 8" - ...	1	4	4	104	104
540-0778	SHAPES2-SIDED PLAY PANEL, BE...	1	4	4	38	38
540-0779	ABC 2-SIDED PLAY PANEL	1	4	4	38	38
540-0788	CRAZY MAZE 2-SIDED PLAY PANEL...	1	4	4	38	38
540-0810	CAR PANEL	1	2	2	46	46
540-0813	BEE PANEL, BELOW PLATFORM	1	2	2	39	39
540-1687	SPROCKET PANEL, ABOVE PLATFORM	1	2	2	59	59
540-1691	PARATROOP PANEL, ABOVE PLATFO...	1	3	3	43	43
540-1797	TOUCH & PLAY PIANO PANEL	1	2	2	55	55
540-1798	TOUCH & PLAY DRUM PANEL	1	2	2	55	55
540-1805	GEAR PANEL, ABOVE PLATFORM	1	4	4	45	45
600-0104	NPPS SUPERVISION SAFETY KIT	1	0	0	3	3
640-0145	POST,STD,61 13/16,SHORT	1	0	0	14	14
640-0146	POST,STD,81 13/16,GL-8	9	0	0	18	164
640-0147	POST,STD,97 3/16,16-24	2	0	0	22	43
640-0161	SWAGED ROOF POST 2 3/8" OD X ...	8	0	0	25	200



Proposal # 125-121621-1

August 15, 2019

2019 Pricing

660-0103	MAINTENANCE KIT, STRUCTURE	1	0	0	7	7
660-0104	INSTALLATION KIT, STRUCTURE	1	0	0	5	5

Total User Capacity: 107

Total Weight: 2,940 lbs.

Total Price: \$46,163

Information is relative to the Aug 14 2019 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.**

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 invoice.

We stand behind our products.

In addition, the following products are warranted, under normal use and service from the date of invoice as follows:

- One Hundred (100) Year Limited Warranty on aluminum and steel upright posts (including Intensity®, Voltage®, Nucleus®, Little Buddies® and ELEVATE®/ACTIVATE®) against structural failure due to corrosion, deterioration or workmanship.
- One Hundred (100) Year Limited Warranty on KoreConnect® 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 (Voltage®, Intensity®, Nucleus®, Little Buddies® and ELEVATE®/ACTIVATE®).
- Twenty-Five (25) Year Limited Warranty on spring assemblies and aluminum cast animals.
- Fifteen (15) Year Limited Warranty on main structure platforms and decks, metal roofs, table tops, bench tops, railings and barriers.
- 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 GRC 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 swing seats and hangers; Kid Koaster® Trolleys and other moving parts 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 OF 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.

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.

01/2019

BCIBURKE.COM

Burke

800.266.1250