



April 17, 2024

Dear Prospective Contractor:

The Waukegan Park District is accepting bids for:

2024 Upton Park Play Equipment Installation

Bids are due **at 10:00 am on Tuesday, May 7, 2024**, at the Parks Maintenance Facility, 2211 Ernie Kruger Circle, Waukegan, IL 60087. The bids should be clearly labeled **“2024 Upton Park Play Equipment Installation”**.

We anticipate the playground equipment being delivered the middle of July.

We appreciate your bidding on the enclosed item and welcome the opportunity to do business with you.

If you have any questions, please contact me at **847-360-4719** or by email at kdeboer@waukeganparks.org

Please note the Work of this Project is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01 et seq. A prevailing wage determination has been made by the Park District, which is the same as that determined by the Illinois Department of Labor for public works projects in Lake County. The successful contractor will also provide a certificate of insurance naming the Waukegan Park District as the certificate holder and as additional insured.

Sincerely,

Kristy De Boer

Kristy De Boer
Park Planner

KDB/kdb
Enclosures: 1

BID DOCUMENTS/PROJECT MANUAL: 2024 UPTON PARK PLAY EQUIPMENT INSTALLATION

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**DATE OF ADVERTISEMENT:
APRIL 17, 2024**

**DUE DATE & BID OPENING:
TUESDAY, MAY 7, 2024
10:00 AM**

**WAUKEGAN PARK DISTRICT PARK
PARK MAINTENANCE FACILITY
2211 ERNIE KRUEGER CIRCLE
WAUKEGAN, IL 60087**

**TENTATIVE DATE OF BID APPROVAL:
MAY 14, 2024
4:30 PM**

**DELIVER/MAIL BID TO: KRISTY DE BOER
MARKED "SEALED BID: 2024 UPTON PARK PLAY EQUIPMENT INSTALLATION"
WAUKEGAN PARK DISTRICT PARK
PARK MAINTENANCE FACILITY
2211 ERNIE KRUEGER CIRCLE
WAUKEGAN, IL 60087**

NOTICE TO BIDDERS

The Waukegan Park District, Lake County, Illinois (“Owner” or “Park District”), invites bids for the following project:

1. 2024 UPTON PARK PLAY EQUIPMENT INSTALLATION

Bid Documents, including Instructions to Bidders, Drawings, technical Specifications, General and any Special Conditions and Bid Forms including required Contractor certifications, and Prevailing Wage Determination and Supersedes Notice are available **electronically at <https://www.waukeganparks.org/business/> or by contacting the Waukegan Park District Parks Department at 847-360-4725 or by email at lsalinas@waukeganparks.org.**

Each bid shall be placed in a sealed envelope and clearly marked “SEALED BID: Waukegan Park District, 2024 UPTON PARK PLAY EQUIPMENT INSTALLATION”. The envelope shall be addressed and delivered to and received by the Park District at the following location: Waukegan Park District Park Maintenance Facility, 2211 Ernie Krueger Circle, Waukegan, Illinois 60087. No responsibility shall be attached to any person for premature opening of a bid not properly identified.

Bids shall be received until 10:00 AM on TUESDAY, MAY 7, 2024. Immediately thereafter, the bids will be publicly opened and read aloud. Bids received after that time or at a different location will be rejected.

The Waukegan Park District reserves the right to waive technicalities, to accept or reject any or all bids, to accept only portions of a bid and reject the remainder. Owner will award the Contract to the lowest most responsible and responsive Bidder, as determined by Owner. In considering the Bidder’s responsibility, the Owner may evaluate, among other factors, the ability of the Bidder to provide experienced labor sufficient in numbers to timely and properly complete the services, the financial capability of the Bidder, and the performance of the Bidder on other projects.

Bids shall not include federal excise tax or state sales tax for materials to be incorporated in, or totally consumed in the prosecution of the Work. A tax exemption certificate will be furnished by the Park District at the request of the Bidder. The District’s tax exemption number shall only be used by the successful Bidder for the Work of this Project.

No bid may be withdrawn, and all bids shall remain firm for sixty (60) days after the bid opening.

The Work of this Project is subject to the Illinois *Prevailing Wage Act*, 820 ILCS 130/0.01 *et seq.* A prevailing wage determination has been made by the Park District, which is the same as that determined by the Illinois Department of Labor for public works projects in Lake County. The Contract entered into for the Work will be drawn in compliance with said law and proposals should be prepared accordingly and provide for payment of all laborers, workmen, and mechanics needed to perform the Work at no less than the prevailing rate of wages (or the prevailing rate for legal holiday and overtime work) for each craft, type of worker, or mechanic.

The Contractor(s) selected will also be required to comply with all applicable federal, state and local laws, rules, regulations and executive orders, including but not limited to those pertaining to equal employment opportunity. State law mandates an open and competitive bidding process and requires that publicly procured contracts be awarded to the lowest responsible and responsive bidder with no demonstrated preference based on the bidder's location, race and gender. Therefore, the Park District is unable to give preference to competitively bid projects, but does encourage submission from local, women, and minority bidders.

All bids must be accompanied by cashier's check or bid bond payable to the order of the Waukegan Park District for ten percent (10%) of the amount of the bid as provided in the Instructions to Bidders. No proposals or bids will be considered unless accompanied by such bond or check.

By Order of the Board of Park Commissioners of the
Waukegan Park District

Jay Lerner, Executive Director

Waukegan Park District (847) 360-4725

PUBLISHED DATE: APRIL 17, 2024

SECTION 1: INSTRUCTIONS TO BIDDERS

1.01 GENERAL

The following instructions relate to the proper form and method for submitting the Bid Proposal, the accompanying surety, the provisions for the letting of Contracts, and to such other matters.

1.02 PREPARATION AND SUBMISSION OF BIDS

Each bid must be placed in an opaque-sealed envelope and clearly marked "**SEALED BID: 2024 UPTON PARK PLAY EQUIPMENT INSTALLATION**," and addressed and delivered to and received by the Park District at the following location: **Waukegan Park District Park Maintenance Facility, 2211 Ernie Krueger Circle, Waukegan, Illinois 60087**. Bids shall be received until **10:00 AM on MAY 7, 2024**. Immediately thereafter, the bids will be publicly opened and read aloud. Bids arriving after the specified time or at a different location will be rejected and will be returned unopened, including mailed bids regardless of when post marked.

Bid Documents, including Instructions to Bidders, Drawings, technical Specifications, General and any Special Conditions and Bid Forms including required Contractor certifications, and Prevailing Wage Determination and Supersedes Notice are available **electronically by contacting the Waukegan Park District Parks Department at 847-360-4725 or by email at lsalinas@waukeganparks.org**. Office hours are Monday-Friday, 7:00 a.m. - 3:30 p.m. Any questions related to the bidding requirements shall be directed to **KRISTY DE BOER, AT 847-360-4719 OR BY EMAIL AT KDEBOER@WAUKEGANPARKS.ORG**.

It is the sole responsibility of the Bidder to see that his/her bid is received in proper time. **No faxed or e-mail bid or modification of a bid will be considered.** The Park District is not responsible for the premature opening of bids not marked as required. Any bid opened prematurely due to the failure of the Bidder to mark the envelope in accordance with these Bid Documents may be considered non-responsive. Bidders' prices are to include the delivery of all materials; including plant, equipment, supplies, tools, scaffolding, transportation, insurances, bonds, warranties, and all other items and facilities, and the performance of all labor and services, necessary for the proper completion of the Work except as may be otherwise expressly provided in the Contract Documents. Bids shall not include federal excise tax or state sales tax for materials to be incorporated in, or totally consumed in the prosecution of, the Work. An exemption certificate will be furnished by the Park District upon request of the Bidder.

Bidder must acknowledge all Addenda received in the spaces provided on the Contractor Bid Form. By submitting a bid, Bidder indicates that all considerations issued by Addendum are incorporated in the bid.

As part of the attached Bid Proposal Form will be one or more certifications regarding the Bidder's compliance with applicable laws. **Failure of a Bidder to complete/submit a required certification shall be the basis for immediate rejection of that Bidder's bid.** The certification of the successful Bidder shall become a part of the Contract with the Park District.

The Bidder shall submit its prices on the attached Contractor Bid Form. The Bid Form shall be executed properly and all writing, including all signatures, shall be with black ink. Failure to use the Bid Proposal Form provided may result in rejection of the bid. Do not detach any portion of this document; invalidation of the bid could result.

The Bidder shall specify in figures, in the places provided, a price for each of the separate items called for in the Bid Form.

1.03 REQUIREMENTS OF BIDDERS

Bidders must be able to demonstrate that they: (1) have experience in performing, have successfully performed and are still actively engaged in performing work similar in kind and scope to the Work of the Project; (2) are able to show that they have adequate laborers and materials to successfully complete the Work as indicated in the Bid Documents and within the time required by the Bid Documents. The Contractor shall not have been debarred or determined ineligible for public contracts by any governmental agency.

The following information must be attached to the bid proposal. Failure to do so may result in disqualification of the Bidder.

On a separate sheet, **list all construction projects your organization has in progress**, giving the name of the project, project description, project address, owner and telephone number, architect and telephone number, contract amount, percent complete, and scheduled completion date.

On a separate sheet, (see Project List page) list all construction projects your organization has completed in the past three years, which are comparable in scope, giving the name of the project, project description, client and telephone number, architect and telephone number. Also provide the original contract amount, the final contract amount, the final completion date provided for in the contract and the actual date of final completion. Where the final contract amount is materially greater than the contract amount included in the contract at the time of execution by both parties, provide an explanation of the reason(s) for the increase. Where the actual dates of final completion differ substantially from those dates as included in the contract at time of execution by both parties, explain the reason for the delay in the substantial and/or final completion of the Work.

On a separate sheet, **list all administrative proceedings and litigation filed by or against Bidder in the past five (5) years**, including the name and case number, name/jurisdiction of the court or administrative agency, and a summary of each claim/case, including current status and if no longer pending, the disposition. The foregoing includes but is not limited to information regarding any proceedings and actions taken by any governmental agency to debar or disqualify the Bidder from bidding on public contracts, including the name of the agency initiating the proceeding/action, the nature of the proceeding/action, the claimed basis for the proceeding/action and the current status or disposition of the proceeding/action.

On a separate sheet, **provide information with respect to all instances in which Bidder has been rejected for not being a responsible bidder**, giving the name of the project, project description, project address, owner and telephone number, architect and telephone number, contract amount, and an explanation of the circumstances surrounding the rejection.

On a separate sheet, **provide a list of all contracts to which you were a party and with respect to which you were declared to be in breach of one or more provisions**, giving a the type of contract, the project location where applicable, the names and addresses of the parties to the contract, the name of the party declaring the breach, the nature of the claimed breach and current status or resolution of the claim. If a construction contract, also provide the name, address and telephone number of the Architect and, if applicable also the Construction Manager or Owner's representative.

Other required submittals include: Bid proposal; Contractor's Compliance and Certification Attachment/ Substance Abuse Prevention Program Certification. **Failure of a Bidder to complete/submit these documents may be the basis for immediate rejection of that Bidder's bid.**

1.04 EXAMINATION OF SITE, DRAWINGS, SPECIFICATIONS

The Bidder shall visit the site(s) of the proposed Work and become fully acquainted with conditions, as they exist, and shall undertake such additional inquiry and investigation as the Bidder shall deem necessary to fully understand the requirements, facilities, possible difficulties and restrictions attending the execution of the Work under the Contract. The Bidder shall thoroughly examine and be familiar with all of the Bid Documents including but not limited to the Drawings and the Specifications. Any conflicts or discrepancies found between or among the Bid Documents including but not limited to the Drawings and Specifications and the site conditions, or any errors, omissions, or ambiguities contained in the documents shall be immediately reported to the Park District and the Architect [and if a Construction Manager has been designated for the Project, also to the Construction Manager.] and written clarification requested prior to submission of a bid.

The failure or omission of any Bidder to obtain, receive or carefully examine any form, instrument, or information or to visit the Project site(s), and become knowledgeable with respect to conditions there existing, or to seek needed clarification shall in no way relieve any Bidder from any obligations with respect to his bid. By submitting a bid, the Bidder agrees, represents and warrants that he has undertaken such investigation as he deemed necessary, has carefully examined the site(s) and the Bid Documents, has obtained all needed clarifications and where the Bid Documents indicate in any part of the Work, that a given result be produced, that the Bid Documents are adequate and the required result can be produced as indicated. Once the award has been made, failure to have undertaken and completed the foregoing tasks shall not be a cause to alter the original Contract or to request additional compensation.

1.05 ACCEPTANCE OR REJECTION OF BIDS

The Park District may accept the bid of, and award the contract for the Work to, the lowest responsive and responsible Bidder as determined by and in the sole discretion of the Park District.

The Park District reserves the right to: (1) reject all bids; (2) reject only certain bids which are non-conforming or non-responsive to the bid requirements; (3) accept only a portion, part or specific items of Work of bids which are separately set forth on the Contractor Bid Form and reject others, as the Owner shall in its sole discretion determine to be in its best interest; and/or (4) award the Contract to the responsible Bidder submitting the lowest bid responsive to the bidding requirements as determined by the Park District .

In the event of a rejection of a portion, part, or certain items of Work of all bids, the bid of each Bidder shall automatically be deemed reduced by the amount of such rejected part or item at the unit price or other cost designated therefor by that Bidder on its submitted Contractor Bid Form. The successful Bidder so selected may not refuse to enter into a Contract with the Owner on the basis that the Owner awarded a Contract for less than all portions or items of the Work specified in the Bid Documents. The Park District's Board of Park Commissioners reserves the right to waive any technicalities or irregularities, and to disregard any informality in the bids and bidding, when in its opinion the best interest of the Park District will be served by such actions and in accordance with applicable law.

1.06 SURETY

All bids must be accompanied by a bid bond or bank cashier's check payable to the Park District for ten percent (10 %) of the amount of the bid and drawn on a responsive and responsible bank doing business in the United States. All bids not accompanied by a bid security, when required, will be rejected.

The bid security of all except the three (3) lowest responsive and responsible Bidders as determined by the Park District will be returned after the decision to accept or reject bids by the Park District's Board of Park Commissioners. The bid security of the successful Bidder will be returned after acceptance by the Park District of an acceptable Performance Bond,

Labor and Material/Payment Bond and a certificate of insurance naming the Waukegan Park District as the certificate holder and as additional insured, and the successful Bidder has executed and returned to the Park District the contract for the Work presented by the Park District.

Prior to commencing Work, the successful Bidder shall furnish a **Performance Bond**, and Labor and Material/Payment Bond in the amount of **110% of the Contract Sum**, using a form similar to the AIA-A312-2010 form, or its current equivalent, or one acceptable to Owner, cosigned by a surety company licensed to conduct business in the State of Illinois and with at least an "A" rating and a financial rating of at least "A VII" in the latest edition of the Best Insurance Guide. Said bond shall guarantee the faithful performance of the Work in accordance with the Contract, the payment of all indebtedness incurred for labor and materials, and guarantee correction of Work for a period of one (1) year after Final Completion. **The cost of each bond shall be included in the Contract Sum.** The Bidder and all Subcontractors shall name the Park District as an obligee on all bonds. Said bonds shall meet the requirements of the Illinois Public Construction Bond Act, 30 ILCS 550/0.01 *et seq.* and any further amendments thereto. Bidder shall include in its Performance Bond and Labor and Material Payment Bond such language as shall guarantee performance by the Contractor of all of its obligations indicated by the Contract Documents including but not limited to strict compliance with the Prevailing Wage Act.

The Performance Bond and Labor and Material Payment Bond will become a part of the Contract. The failure of the successful Bidder to enter into the Contract and supply the required bonds and evidence of insurance within ten (10) days after the Contract is presented for signature, or within such extended period as the Park District may grant, shall constitute a default, and the Park District may either award the Contract to the next responsible Bidder, or re-advertise for bids. In the event of such default, the Park District need not return the defaulting Bidder's bid surety and may charge against and recover from the defaulting Bidder the full difference between the amount of the Contract awarded to the defaulting Bidder and may charge against the defaulting Bidder for the full difference between the amount for the bid and the amount for which a Contract for the Work is subsequently executed with another contractor, irrespective of whether the amount thus due exceeds the amount of the defaulting Bidder's bid surety.

1.07 WITHDRAWAL OF BID

Bidders may withdraw or cancel their bids at any time prior to the advertised bid opening time by signing and submitting a request for said withdrawal. After the bid opening time, no bid shall be withdrawn or canceled for a period of sixty (60) calendar days.

1.08 ACCEPTANCE AND CONTRACT

The acceptance of a bid will be by a Notice of Award, signed by a duly authorized representative of the Park District; no other act by the Park District shall constitute the acceptance of a bid. The acceptance of a bid by the Park District shall bind the successful Bidder to execute and perform the Work of the Contract. The successful Bidder to whom the Contract is awarded by the Park District shall sign and deliver to the Park District for execution by the Park District all required copies of the Contract, along with all required insurance and surety documents within ten (10) days after presentation to him of the Contract for signature. In case the Bidder shall fail or neglect to do so, he will be considered as having abandoned the Contract, and as being in default to the Owner. The Owner may thereupon re-advertise or otherwise award said Contract and forfeits the Bid Security.

The Invitation to Bid, Instructions to Bidders, General Conditions, Supplementary and/or Special Conditions, if any, Drawings, Specifications, Contractor Bid Form, Addenda, if any, Contractors Compliance and Certifications Attachment, and Substance Abuse Certification and the Prevailing Wage Determination and Supersedes Notice comprise the Bid Documents. The Bid Documents, together with the Standard /Form of Agreement Between Owner and Contractor AIA Document A107 OR other Agreement, as modified by the Park District and included in these Bid Documents, and the Performance Bond and Labor Material Payment Bond and proof of insurance comprise the Contract Documents.

1.09 INTERPRETATION OF THE CONTRACT DOCUMENTS

The Park District shall in all cases determine the amount or quantity of the several kinds of Work which are to be paid for under this Contract and shall decide all questions which may arise relative to the execution of the Contract on the part of the Contractor, and all estimates and decisions shall be final and conclusive. The Park District shall have the right to make alterations in the lines, grades, plans, forms, or dimensions of the Work herein contemplated either before or after the commencement of the Work. If such alterations diminish the quantity of the Work to be done, they shall not constitute a claim for damage or for anticipated profits on the work dispensed with, or if they increase the amount of Work, such increase shall be paid according to the quantity actually done and at the price or prices stipulated for such Work in the Contract. The Park District reserves the right to approve an equal to or superior to product or equipment required under the specifications, or to reject as not being and equal to or superior to the product or equipment required under the Specifications. If a Bidder is in doubt as to the interpretation of any part of the Bid Documents, or finds errors, discrepancies or omissions from any part of the Bid Documents, he must submit a written request for interpretation thereof not later than five (5) days prior to opening of bids. Address all communications to the Park District and to the Architect [and if a Construction Manager has been designated for the Project, also to the Construction Manager. If an error or omission in the Bid Documents is discovered after the bid opening, the Park District reserves the right (i) to determine whether to require the submission of new bids or, (ii) if the error or omission is of such a nature that it was reasonably discoverable upon a careful review of the Bid Documents, to award the Contract to the lowest responsive and responsible Bidder as determined by the Park District and to require that Contractor to perform the Work in accordance with an issued correction by the Architect/Owner and for the amount bid by the Contractor. Such decisions are final and not subject to recourse. Errors and omissions made by the Bidder cannot be corrected by the Bidder after the bid opening.

1.10 ADDENDA

Any interpretation, correction to, or addition to the Bid Documents will be made by written Addendum and will be delivered by mail, email or fax to each Plan holder. The written Addenda constitute the only interpretations of the Bid Documents; the Park District accepts no responsibility for any other claimed interpretations or communications.

It is the responsibility of each Bidder to verify that he/she has received all Addenda prior to submitting a bid. It is also the responsibility of each Bidder to verify that all subcontractors and material suppliers whose prices are incorporated in the Bidder's bid are familiar with the Bid Documents in their entirety, including all Addenda issued up to the time of bid opening.

In the event a conflict or omission is discovered in the Bid Documents after the issuing of the last Addendum such that an interpretation cannot be issued by the Park District prior to bidding, the Bidder is directed to estimate on and provide the quantity and quality of material and labor consistent with the overall represented and indicated Work so as to provide all materials, equipment, labor, and services necessary for the completion of the Work in accordance with the Bid Documents.

1.11 SUBSTITUTIONS DURING BIDDING

Unless otherwise indicated, the use of brand names in the Specifications is used for the purpose of establishing a grade or quality. Bidders proposing to use an alternate that is equal to or superior to in every respect to that required by the Specifications must request approval in writing to the Park District at least seven (7) business days prior to the bid opening and mark the item as 'or approved equal'.

Additionally, Bidders requesting approval for use of an alternate must provide certification by the manufacturer that the substitute proposed is equal to or superior in every respect to that required by the Bid Documents, and that its in-

place performance will be equal to or superior to the product or equipment specified in the application indicated. The Bidder, in submitting the request for substitution, waives the right to additional payment or an extension of Contract Time because of the failure of the substitute to perform as represented in the request for substitution.

The Park District may request additional information or documentation necessary for evaluation of the request for substitution. The Park District will notify all Bidders of acceptance of the proposed substitute by means of an Addendum to the Bid Documents. Park District's approval of a substitute during bidding does not relieve the Contractor of the responsibility to submit required shop drawings and to comply with all other requirements of the Contract Documents, including but not limited to proper performance of all components of the Work and suitability for the uses specified.

Bids proposing alternates not previously approved by the Park District will be considered non-responsive and rejected. The Park District reserves the right to determine whether a substituted selection, in its sole judgment, is equal to or better quality and therefore an acceptable alternate. Such decisions are final and not subject to recourse.

1.12 COMMENCEMENT AND COMPLETION DATES

Commencement Date: The Commencement Date shall be the date established by Owner in a Notice to Proceed issued to the Contractor. It is currently anticipated that Contract award will occur on or about **MAY 14, 2024**, with a notice to proceed to be issued shortly thereafter, subject to the Contractor providing the required bonds, evidence of insurance and other required submissions.

Substantial Completion Date: SEPTEMBER 27, 2024

Final Completion: OCTOBER 4, 2024

By submission of its bid, the Bidder the Bidder acknowledges, agrees, represents, declares and warrants that it has visited and examined the site, and is fully familiar with and has satisfied itself as to the site and the local and other conditions under which the Work is to be performed, including without limitation, (i) surface conditions of the site and subsurface conditions readily observable or ascertainable upon the exercise of reasonable diligence and all structures and obstructions thereon and thereunder, both natural and manmade; (ii) the nature, location, and character of the general area in which the Project is located, including without limitation, its climatic conditions, available labor supply and labor costs, and available equipment supply and equipment costs; and (iii) the quality and quantity of all materials, supplies, tools, equipment, labor, and professional services necessary to complete the Work in the manner and within the cost and time frame indicated by the Contract Documents; and has correlated the Bidder's personal observations with the requirements of and matters indicated in or by the proposed Contract Documents.

SECTION 2: GENERAL CONDITIONS

The General Conditions are the General Conditions of the Contract for Construction, AIA Document AIA A107 (the "General Conditions") OR other Agreement, as modified by the Park District and included in these Bid Documents.

SECTION 3: SUPPLEMENTARY CONDITIONS

The "General Conditions of the Contract, AIA Document A107", (the "General Conditions") OR other Agreement, as modified by Owner, are hereby amended to include the following:

3.01 SCOPE OF WORK

- A. The Work is to be done under this Contract, as shown on the Contract plans and described herein shall include the furnishings and complete installation of all materials and any other necessary Work required for proper completion, operation and use of the facilities. All the equipment, materials and labor that may be necessary to complete the Work and place it in satisfactory operation, implied or intended in the written Specifications and Drawings for the **2024 UPTON PARK PLAY EQUIPMENT INSTALLATION**, shall be furnished and/or installed without extra cost to the Owner.

3.02 CONTRACT DOCUMENTS

- A. The Invitation to Bid, Instructions to Bidders, General Conditions, Supplementary and/or Special Conditions, if any, Drawings, Specifications, Contractor Bid Form, Addenda, if any, Contractors Compliance and Certifications Attachment, and Substance Abuse Certification comprise the Bid Documents. The Bid Documents, together with the Standard /Form of Agreement Between Owner and Contractor AIA Document A107 OR other Agreement, as modified by the Park District and included in these Bid Documents, and the Performance Bond and Labor Material Payment Bond and proof of insurance comprise the Contract Documents.

3.03 APPLICABLE LAWS

- A. The Contractor shall at all times observe and comply with all Federal, State, and Local laws, regulations and ordinances which in any manner affect the conduct of the Work. Any complaint, claim or action brought against the Contractor for failing to observe or comply with any law, ordinance, or regulation shall be the sole responsibility of the Contractor and shall in no way extend to or expose the Owner to liability and the Contractor shall indemnify and hold harmless the Owner from any and all such complaints, claims, or actions.

All workmanship and materials shall conform and comply with the requirements of the building ordinances and rules and regulations of all departments and bureaus of the county, city and state having lawful jurisdiction. All of said ordinances and rules and regulations are hereby made a part of these Specifications.

PREVAILING WAGE ACT: Contractor shall comply with the Illinois Prevailing Wage Act (820 ILCS 130/.01 et seq.) (the "Act") as required by the Illinois Department of Labor. The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the "prevailing rate of wages (hourly cash plus fringe benefits) in the county where the work is performed. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website at: <https://www2.illinois.gov/idol/laws-rules/conmed/pages/prevailing-wage-rates.aspx>. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice and record keeping duties.

CERTIFICATIONS: The Bidder shall complete the Contractor Compliance and Certifications Attachment and the Substance Abuse Prevention Program Certification. Failure to do so may result in disqualification of the Bidder.

CRIMINAL BACKGROUND INVESTIGATIONS: The Contractor shall a conduct criminal background investigation for each laborer, mechanic, and worker employed by the Contractor or any of its Subcontractors on the project in

compliance with federal and state laws and regulations. The Contractor shall not knowingly employ any person on the Project, or allow any person to enter onto Owner's property, who has been convicted for committing or attempting to commit first degree murder, a Class X felony, or any one or more of the following offenses: (i) those defined in Sections 11-1.20, 11-1.30, 11-1.40, 11-1.50, 11-1.60, 11-6, 11-9, 11-14, 11-14.3, 11-14.4, 11-15, 11-15.1, 11-16, 11-17, 11-18, 11-19, 11-19.1, 11-19.2, 11-20, 11-20.1, 11-20.1B, 11-20.3, 11-21, 11-30, 12-7.3, 12-7.4, 12-7.5, 12-13, 12-14, 12-14.1, 12-15, and 12-16, of the Criminal Code; (ii) those defined in the Cannabis Control Act, except those defined in Sections 4(a), 4(b), and 5(a) of that Act; (iii) those defined in the Illinois Controlled Substances Act; (iv) those defined in the Methamphetamine Control and Community Protection Act; and (v) any offense committed or attempted in any other state or against the laws of the United States, which, if committed or attempted in this State, would have been punishable as one or more of the foregoing offenses. Further, no Contractor shall knowingly employ a person who has been found to be the perpetrator of sexual or physical abuse of any minor under 18 years of age pursuant to proceedings under Article II of the Juvenile Court Act of 1987

3.04 SUBCONTRACTING

- A. The Contractor may utilize the services of qualified Subcontractors on those parts of the work which, under normal contracting practices, are performed by Subcontractors specializing in the particular class of work. The Contractor is encouraged to utilize local, women, and minority-owned Subcontractors, when reasonable.
- B. The Contractor shall not award any work to any Subcontractor without prior written approval by the Owner, which approval will not be considered until the Contractor submits to the Owner a written statement concerning the proposed award to the Subcontractor.
- C. The Contractor shall be as fully responsible to the Owner for the acts and omissions of his Subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.
- D. Nothing contained in this Contract shall create any contractual relations between any Subcontractor and the Owner.

3.05 APPROVAL OF MATERIALS AND SOURCES OF SUPPLY

- A. The Contractor shall furnish to the Owner for approval, immediately after the signing of the Contract, a complete statement of the origin, composition, manufacturer and proposed sources of supply of all materials or equipment required for use in this Work, whether supplied by himself or by any approved Subcontractor. The Contractor shall submit detailed information, literature, plans and such other data required to permit an analysis of the proposed equipment and materials.

3.06 INSPECTION AND TESTING

- A. All materials and workmanship if not otherwise stipulated, shall be subject to inspection, examination and test by authorized representatives of the Owner at all times, before, during or after the preparation, during the progress of the Work, or after the Work is completed.

3.07 TITLE OF MATERIALS

- A. The Contractor or Subcontractor shall not furnish any materials for the work that are subject to a chattel mortgage or subject to conditions or interest retained by the seller. The materials or equipment must be free of all encumbrances.

3.08 PATENTS, ROYALTIES AND LICENSES

- A. The Contractor shall hold and save the Owner and its officers, agents, servants, and employees harmless from liability of any nature or kind, including cost and expenses for or on account of any patent or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by the Owner, unless otherwise specifically stipulated in the Contract Documents.

3.09 PERMITS, LICENSES AND CERTIFICATES

- A. **The Contractor shall procure the building permit for this Project from the City of Waukegan.** Owner shall either pay the City of Waukegan directly or reimburse Contractor for all required building permits. Reimbursement shall be for exact cost paid by Contractor. No markup shall be paid for permits. The Contractor shall supply all certificates required to show that the Work has been performed in accordance with the building, plumbing, electrical or other codes, rules and regulations of local or other authorities, the Board of Fire Underwriters or such other like bodies, as the Specifications may require directly or indirectly. **The Contractor shall file a contractor's registration application with associated fees, licenses, permit bonds, and insurance certificate with the City of Waukegan Building and Code Enforcement Department (1-847-625-6868).** Contractor registration fees are the responsibility of the Contractor and Subcontractors.

3.10 CONTRACTOR RESPONSIBLE UNTIL WORK COMPLETED

- A. The Contractor shall have charge of and be responsible for the entire Work until completed and accepted by the Owner. He shall make no assignment of this Contract without the written consent of the Owner. He shall give his personal supervision to the faithful prosecution of the Work; he shall keep it under his own control; and he shall have a competent representative or foreman on the Work, who shall have full authority to bring about the orderly and efficient prosecution of the same in accordance with the Contract and to supply materials, tools, equipment, and labor without delay.

3.11 WEATHER CONDITIONS

- A. If a temporary suspension of Work should occur during inclement weather, the Contractor shall protect carefully all Work and materials under this Contract against damage or injury from the weather. If, in the opinion of the Owner, damage results to either the Work or materials by reason of failure on the part of the Contractor to protect his Work, such materials or Work will be removed and replaced by and at the expense of the Contractor.

3.12 NO CHARGE FOR DELAY

- A. Unless otherwise provided in the Contract Documents, the Contractor shall make no charge or claim whatsoever for any hindrance or delay in the progress of the Work.

3.13 COMPLETION DATE AND QUALIFICATION

- A. The Work to be performed under this Contract must be **Substantially Completed by SEPTEMBER 27, 2024, with Final Completion by OCTOBER 4, 2024.**

1. The Date of Substantial Completion shall mean when construction is sufficiently complete, in accordance with the Contract Documents, so the Owner may occupy the entire Work for use for which it is intended.
- B. It is hereby understood and mutually agreed by and between the Contractor and the Owner that the date of beginning and the time for completion as specified in the Contract, is a reasonable time for the completion of the Work, taking into consideration the average weather and industrial conditions prevailing in this locality. The Contractor agrees that time is of the essence of this Contract. If the Contractor shall neglect, fail, or refuse to complete the Work within the time specified in the Contract or any proper extension thereof granted by the Owner, it in no way relieves the Contractor of his responsibility to complete the Work at no additional cost to the Owner. Any extension of the completion date must be agreed upon in writing by the Owner and Contractor. Contractor shall not be responsible for failure to meet the completion date when the Owner determines that the Contractor is without fault and the Contractor's reasons for the time extension are acceptable to the Owner. The Contractor shall not be charged with any excess cost when the delay in completion of the Work is due to:

Any order duly issued by the government (city, county, state or federal);

Any unforeseeable cause beyond the control and without fault or negligence of the Contractor including, but not restricted to, acts of God, severe weather, strikes, acts of the Owner, or acts of another Contractor in the performance of a contract with the Owner (except as provided in paragraph VIII above).

Any delays of Subcontractors or suppliers occasioned by any of the causes specified above.

As otherwise provided for in the General Conditions

3.14 INSURANCE AND INDEMNIFICATION REQUIREMENTS

A. Insurance

1. Commercial General and Umbrella Liability Insurance

Contractor shall maintain commercial general liability (CGL) and, if necessary, commercial umbrella insurance with a limit of not less than \$2,000,000 each occurrence. If such CGL insurance contains a general aggregate limit, it shall apply separately to this project/location.

CGL insurance shall be written on Insurance Services Office (ISO) occurrence form CG 00 01 10 93, or at the Park District's sole option on a more current ISO form or a substitute form providing at least equivalent coverage, and shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal injury and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).

The Park District shall be included as an insured under the CGL, using ISO additional insured endorsement CG 20 10 or a substitute providing at least equivalent coverage, and under the commercial umbrella, if any. This insurance shall apply as primary insurance with respect to any other insurance or self-insurance afforded to the Park District. If the additional insured have other insurance which is applicable to the loss, such other insurance shall be on an excess or contingent basis. The amount of the Contractor's liability under this insurance policy shall not be reduced by the existence of such other insurance.

There shall be no endorsement or modification of the CGL limiting the scope of coverage for liability arising from pollution, explosion, collapse, or underground property damage.

2. Business Auto and Umbrella Liability Insurance

Contractor shall maintain business auto liability and, if necessary, commercial umbrella liability insurance with a limit of not less than \$2,000,000 each accident. Such insurance shall cover liability arising out of any auto including owned, hired and non-owned autos.

Business auto insurance shall be written on Insurance Services Office (ISO) form CA 00 01, CA 00 05, CA 00 12, CA 00 20, or a substitute form providing at least equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage at least equivalent to that provided in the 1990 and later editions of CA 00 01.

3. Continuing Completed Operations Liability Insurance (Only applies if project carries a Guarantee)

Contractor shall maintain commercial general liability (CGL) and, if necessary, commercial umbrella liability insurance with a limit of not less than \$1,000,000 each occurrence for at least three years following substantial completion of the work.

Continuing CGL insurance shall be written on Insurance Services Office (ISO) occurrence form CG 00 01 10 93, or substitute form providing equivalent coverage, and shall, at minimum, cover liability arising from products completed operations and liability assumed under an insured contract.

Continuing CGL insurance shall have a products-completed operations aggregate of at least two times its each occurrence limit.

Continuing commercial umbrellas coverage, if any, shall include liability coverage for damage to the insured's completed work equivalent to that provided under ISO form CG 00 01.

4. Workers Compensation Insurance

Contractor shall maintain workers compensation as required by statute and employers liability insurance. The commercial umbrella and/or employers liability limits shall not be less than \$1,000,000 each accident for bodily injury by accident or \$1,000,000 each employee for bodily injury by disease.

If the Park District has not been included as an insured under the CGL using ISO additional insured endorsement CG 20 10 or a substitute endorsement acceptable to the Park District under the Commercial General and Umbrella Liability Insurance required in this Agreement, the Contractor waives all rights against the Park District and its officers, officials, employees, volunteers and agents for recovery of damages arising out of or incident to the Contractor's work.

5. General Insurance Provisions

A. Evidence of Insurance

Prior to beginning work, Contractor shall furnish the Park District with a certificate(s) of insurance and applicable policy endorsement(s), executed by a duly authorized representative of each insurer, and

such other evidence of insurance as shall be requested by the Park District, showing compliance with the insurance requirements set forth above.

All certificates shall provide for 30 days' written notice to the Park District prior to the cancellation or material change of any insurance referred to therein. Written notice to the Park District shall be by certified mail, return receipt requested. Failure of the Park District to demand such certificate, endorsement or other evidence of full compliance with these insurance requirements or failure of the Park District to identify a deficiency from evidence that is provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

The Park District shall have the right, but not the obligation, of prohibiting Contractor or any subcontractor from entering the project site until such certificates or other evidence that insurance has been placed in complete compliance with these requirements is received and approved by the Park District.

Failure to maintain the required insurance may result in termination of this Agreement at the Park District's option. With respect to insurance maintained after final payment in compliance with a requirement above, an additional certificate(s) evidencing such coverage shall be promptly provided to the Park District whenever requested. Contractor shall provide certified copies of all insurance policies required above within 10 days of the Park District's written request for said copies.

B. Acceptability of Insurers

For insurance companies which obtain a rating from A.M. Best, that rating should be no less than A VII using the most recent edition of the A.M. Best's Key Rating Guide. If the Best's rating is less than A VII or a Best's rating is not obtained, the Park District has the right to reject insurance written by an insurer it deems unacceptable.

C. Cross-Liability Coverage

If Contractor's liability policies do not contain the standard ISO separation of insureds provision, or a substantially similar clause, they shall be endorsed to provide cross-liability coverage.

D. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to the Park District. At the option of the Park District, the Contractor may be asked to eliminate such deductibles or self-insured retentions as respects the Park District, its officers, officials, employees, volunteers and agents or required to procure a bond guaranteeing payment of losses and other related costs including but not limited to investigations, claim administration and defense expenses.

E. Subcontractors

Contractor shall cause each subcontractor employed by Contractor to purchase and maintain insurance of the type specified above. When requested by the Park District, Contractor shall furnish copies of certificates of insurance evidencing coverage for each subcontractor.

B. Indemnification

1. To the fullest extent permitted by law, the Contractor shall waive any right of contribution and shall defend, indemnify and hold harmless the Owner, the Architect and their agents, employees and consultants from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, costs and economic damages, arising out of, resulting from, or in any way connected with the performance of the Work, provided that any such claim, damage, loss or expense is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. The duty to defend herein is separate and distinct from the duty to indemnify and hold harmless, and shall be separately enforceable as such. Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to the Owner described in this Agreement.

2. The indemnification obligation under this Paragraph shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts, and the Contractor and all subcontractors hereby waive any limitations of liability defense based upon such acts, to the fullest extent permitted by law.

3. "Claims, damages, losses and expenses" as these words are used in this Agreement shall be construed to include, but not limited to (1) injury or damage consequent upon the failure of or use or misuse by Contractor, its Subcontractors, agents, servants or employees, of any hoist, rigging, blocking, scaffolding, or any and all other kinds of items of equipment, whether or not the same be owned, furnished or loaned by Owner; (2) all attorneys' fees, expenses and costs incurred in bringing an action to enforce the provisions of this indemnity or any other indemnity contained in the General Conditions, as modified by the Supplementary General Conditions; (3) time expended by the party being indemnified and their employees, at their usual rates plus costs of travel, long distance telephone and reproduction of documents; and (4) error or omission or defect in any submission made to Architect / Engineer for its approval or review.

4. The obligations of the Contractor to indemnify and hold harmless Owner, Architect, their agents, consultants and employees under this Agreement shall not extend to the liability of the Owner and the Architect, their agents, consultants or employees arising out of their own negligence.

3.15 CONTRACTOR PAYMENTS

- A. Payment will be made in full upon completion of the Project with Owner's final acceptance. **No payment shall be authorized unless all applicable Waivers of Lien and Contractor's Affidavits are submitted in accordance with the Contract Documents.** The time periods governing Owner's approval, disapproval, and payment of Contractor's applications for payment shall comply with the *Local Government Prompt Payment Act, 50 ILCS 505/1 et seq.*

The acceptance by the Contractor of final payment shall constitute a release and waiver of any and all rights and privileges under the terms of the Contract, and shall relieve the Park District from any and all claims or liabilities for anything done or furnished relative to the Work or for any act or neglect on the part of the Park District relating to or connected with the Contract. Any payment, however, final or otherwise, shall not release the Contractor or his sureties from any obligations under the Contract or the performance and payment bonds.

Failure to adhere to the approved progress schedule as specified in the Contract Documents, cooperate with other Contractors, and/or generally hinder the construction progress as determined by the Owner shall be

grounds for withholding payments. Failure to supply waivers of lien, and any other supporting documentation as required by Owner, with each request will be considered grounds for withholding partial payments, and failure to supply final waivers for the entire job on completion shall be grounds for withholding final payment.

The Owner may withhold from the Contractor, in addition to retained percentage, such an amount or amounts as may be necessary to pay just claims for labor and services rendered and materials furnished in or about the Work. The Owner shall have the right, acting as agent for the Contractor, to apply such retained amounts to the payment of such just claims.

3.16 WORK PERFORMANCE

- A. The Contractor shall coordinate his Work with all adjacent Work and shall coordinate with all other trades so as to facilitate the general progress of the Work. He shall afford all other trades every reasonable opportunity for the installation of their Work and for the storage of their material.
- B. Whenever, in the opinion of the Owner, the Contractor prosecutes or fails to prosecute his Work in such a manner as to hinder or delay the completion of the Work, the Owner may, after five (5) days' written notice to the Contractor order the Contractor to stop the Work, and carry out such Work as is necessary to be done by another Contractor or Contractors not necessarily holding a Contract for such Work on the Project, and in such event may charge the Contractor for such Work as may be performed. Nothing in this paragraph shall be deemed to be a waiver of any other remedies which may be available to the Owner in the event of a default surrender.

3.17 SAFETY OF PERSONS AND PROPERTY

- A. The Contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to:
 - 1. All employees on the Work and all other persons who may be affected thereby;
 - 2. All the Work and all materials and equipment to be incorporated therein, whether in storage on or off the site, under the care, custody or control of the Contractor or any of his Subcontractors or Sub-subcontractors; and
 - 3. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- B. The Contractor shall give all notices and comply with all applicable laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the safety of persons or property or their protection from damage, injury or loss.
- C. The Contractor shall erect and maintain, as required by existing conditions and progress of the Work, all reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent utilities.

- D. When the use or storage of explosives or other hazardous materials or equipment is necessary for the execution of the work, the Contractor shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel.

3.18 UNDERGROUND UTILITIES

- A. The Contractor is responsible for contacting utility companies and the City of Waukegan or other companies which may have underground structures to locate and determine the exact location of such underground structures. The Contractor will locate and stake all underground structures in the field to include all cable and conduit, gas lines, water lines, and drainage lines. All underground utilities so marked which are disturbed or damaged by the Contractor's operation shall be repaired by competent and qualified specialists at the Contractor's expense. Such repairs shall be made under the direction of the Owner. The Contractor is responsible for contacting utility companies and the City of Waukegan or other companies which may have underground structures to locate and determine the exact location of such underground structures.

3.19 PAYMENTS TO MATERIALMAN, ETC.

- A. It is hereby expressly understood and agreed that the said Contractor shall furnish satisfactory evidence, when called for, that all persons who have done work or furnished materials in connection with the performance of the Contract, have been fully paid; otherwise the Owner shall have right to pay all such claims in full, out of any money that may be due to the Contractor under this agreement.

3.20 MODIFICATIONS OF CONTRACT DOCUMENTS AND CONTRACT WORK

- A. The Contract Documents may be modified and changed from time to time by written order of the Owner, in a manner not materially affecting the substance thereof, if such changes are necessary to carry out and complete more fully and perfectly the work to be done and performed. The Contractor shall acknowledge, in writing, receipt of every such order. If the changes and modifications increase the expense of the work, the increase expenses shall be paid for by the Owner. If such changes and modifications decrease the expense of the work, the amount of said diminution shall be credited to the Owner. The additional payment or amount credited shall be as a basis previously agreed upon, in writing, by the Owner and the Contractor. No consequential loss or profit on work not executed shall be paid to the Contractor.
- B. The amount of compensations to be paid to the Contractor for any changes or alterations, as so ordered, shall be determined:
 - 1. By a lump sum mutually agreed upon by the Owner and the Contractor; or,
 - 2. If the parties cannot agree upon a lump sum, then by the actual net cost in money to the Contractor of the materials and of the wages applied labor (including premiums for Workmen's Compensation Insurance) required for such changes and alterations, plus such rental for plant and equipment (other than small tools) required and approved for such changes and alterations, plus 10% or 15% as compensation for all other items of profit and costs or expenses, including administration, overhead, superintendence, insurance (other than Workman's Compensation), materials used in temporary structures, allowances made by the Contractor to the Subcontractors, additional premiums upon the performance bond of the Contractor, and the use of small tools. The provisions hereof shall not affect the power of the Contractor to act in case of emergency, as herein provided.

Where proposed changes involve a modification to (i) the Contract Sum; (ii) the Contract Time, or (iii) material change in the Work (i.e., other than minor field changes) a written change order shall be prepared by Contractor. In accordance with the *Criminal Code*, 720 ILCS 5/33 E-9, if a change order or series of change orders authorizes or necessitates an increase or decrease in **either** the cost of the contract by \$10,000 or more, **or** the time of completion of the Work by 30 days or more, such changes may be made only upon the written authorization of **the Executive Director (Secretary of the Board) of the Waukegan Park District**, after approval from the Board of Park Commissioners, including a written determination that:

the circumstances necessitating the change were not reasonably foreseeable at the time the Contract was signed; or

the change is germane to the original Contract as signed; or

the change order is in the best interest of the Owner and is authorized by law.

3.21 CLAIMS OF EXTRA COMPENSATION

- A. All claims for extra compensation over and above the amount agreed upon in the contract on account of any alterations or changes, or for any extra work, shall be filed, in writing, with the Owner by the Contractor, having attached thereto a copy of the original order for such alterations or changes or extra work, within thirty (30) days after the completion of said alterations or changes or extra work. The Contractor, before starting work on said alterations or changes or extra work, shall notify the Owner, in writing, of his intentions to file such claims in order that a proper record of such work may be kept by the Owner. Should the Contractor fail to notify the Owner in advance, as required, or to submit his claim within thirty (30) days, as required, it will be taken as conclusive that no claim exists.

3.22 USE OF PREMISES AND REMOVAL OF DEBRIS

- A. The Contractor expressly undertakes at his own expense:
1. To take every precaution against injuries to person or damages to property;
 2. To store his apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work of any other Contractors;
 3. To place upon the Work, or any part thereof, only such loads as are consistent with the safety of that portion of the Work;
 4. To frequently clean up all refuse, rubbish, scrap materials, and debris caused by his operations, to the end, that at all times the site of the Work shall present a neat, orderly, and workmanlike appearance;
 5. Before final payment, to remove all surplus material, false-work, temporary structures, including foundations thereof, plant of any description, and debris of every nature resulting from his operations, and to put the site in a neat, orderly condition.

3.23 GUARANTEE

- A. All work performed shall be guaranteed by the General Contractor to be free from defects in materials and workmanship for a period of one year from the date of final acceptance. The Work shall be left in perfect order at completion and acceptance. Neither the final payment nor the termination of the guarantee period, nor any provision in the Contract Documents shall relieve the Contractor of the responsibility for negligence, faulty materials, or workmanship within the extent and period provided by law, and upon written notice he/she shall remedy any defects due thereto, and shall pay all expenses for any damage to other work resulting there from.

The successful Bidder(s) must present the Park District with two (2) copies of any manufacturer's warranty or guarantee information. If needed, the Bidder agrees to sign over warranties and guarantees to the Park District.

If the Drawings and/or Specifications provide for methods of construction, installation, materials, etc., which the Contractor cannot guarantee for the indicated period, it shall be the responsibility of the Contractor to so inform the Owner in writing before submitting his/her bid. Otherwise, the Contractor shall be held responsible to provide the method of construction, installation, materials, etc., which will be guaranteed for the indicated period of time.

BID PROPOSAL CHECKLIST

Contractor _____

Project _____

Check box if supplied in sealed bid. See bid packet (section 1.03 and others) in bid packet for details.

Core Items in Submittal

- Bid Bond or Cashier's Check – Signed and/or Notarized
- Bid Addendum Acknowledgement (if applicable) - Completed
- Bid Proposal Form – Completed, Signed with Corporate Seal, and Notarized
- Bid Qualification Form – Completed
- 3 Year Project List - Completed
- Contractor's Compliance – Signed and Notarized
- Substance Abuse Program Certification – Signed

Additional attachments from Section 1.03

- Projects in Progress List
- Administrative and Litigation List
- Instances of Bid Rejection List
- Instances of Breach of Contract List

**2024 UPTON PARK PLAY EQUIPMENT INSTALLATION
WAUKEGAN PARK DISTRICT
WAUKEGAN, ILLINOIS**

BID PROPOSAL FORM

4.01 BID TO:

Waukegan Park District
(hereinafter called "Owner")
2211 Ernie Krueger Circle
Waukegan, IL 60087

4.02 BID FROM:

(hereinafter called "Bidder")

Address

City, State, Zip Code

Email Address

Contact Person

Telephone Number

Fax Number

4.03 BID FOR:

**2024 UPTON PARK PLAY EQUIPMENT INSTALLATION
WAUKEGAN, ILLINOIS**

4.04 ACKNOWLEDGEMENT

The undersigned hereby acknowledges receipt of Invitation of Bids, Instructions to Bidders, the Specifications, Drawing, Conditions, Certifications, and other Contract Documents and acknowledges receipt of the following Addenda:

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

4.05 AGREEMENT

A. In submitting the Bid, the undersigned agrees:

1. To hold the Bid open for sixty (60) days from submittal date.
2. That the Bidder has carefully examined the Instructions to Bidders, the Drawings and Specifications, and the Project Manual in its entirety, in order to determine how these affect the bid proposal, the forms of the Contract, the required Contract bonds, and duration thereof, and that the Bidder has inspected in detail the site of the proposed Work, and been familiarized with all of the requirements of construction, and of the governing municipalities under whose jurisdiction the Project falls (its codes, ordinances and construction requirements therein), and understands that in making this proposal, the Bidder waives all rights to plead any misunderstanding regarding the same.
3. To enter into and execute a Contract with the Owner if awarded on the basis of this bid, and furnish all bonds and insurance required by the Contract Documents within fourteen (14) days after receiving Notice to Proceed from the Owner.
4. To accomplish the work in accordance with the Contract Documents.
5. To complete the work by the time stipulated in the Contract Documents.
6. That if this proposal is accepted, the Bidder is to provide all of the necessary equipment, tools, apparatus, labor, and other means of construction, and to do all of the Work and to furnish all of the materials specified in the Contract Documents in the manner and at the time therein prescribed, and in accordance with the requirements set forth.
7. To commence Work as specified in the Instructions to Bidders, and to prosecute the Work in such a manner, and with sufficient materials, equipment and labor as will ensure its completion within reasonable time, it being understood and agreed that the completion within such reasonable time is an essential part of this Contract.

8. The Bidder proposes to utilize the products and services of the following Subcontractors and major suppliers for the completion of the Contract. All Subcontractors shall be approved by the Owner prior to start of their Work on the Project. If no Subcontractors or major suppliers are to be used, indicate "NONE".

(1) _____ PH: ____/_____
 Subcontractor/major supplier

 Address

 Work to be performed/materials to be supplied

(2) _____ PH: ____/_____
 Subcontractor/major supplier

 Address

 Work to be performed/materials to be supplied

(3) _____ PH: ____/_____
 Subcontractor/major supplier

 Address

4.06 BID PRICES For completion of all Work shown on the Drawings and Specifications, the Bidder agrees to perform all Work for the following sums:

A. BASE BID PRICE (Guaranteed Maximum Price)

#	DESCRIPTION	QTY.	UNIT	UNIT PRICE
---	-------------	------	------	------------

Play Equipment Installation (to be installed per manufacturer's instructions) 276 lf of new concrete curb for play pit border (including the 41 lf for the sand pit edge), and install 2 concrete ADA ramps.

TOTAL (WRITTEN OUT) _____ **DOLLARS**

\$ _____

- B. ALTERNATE 1: Provide a price to remove and dispose of the existing play equipment, sidewalks as shown per plan, mulch, and sand in play pits.

TOTAL (WRITTEN OUT) _____ DOLLARS
 \$ _____

- C. ALTERNATE 2: Installation of 6,220 SF Engineered Wood Fiber and 510 SF Play Sand in all play pits where new equipment was installed to top of curb.

TOTAL (WRITTEN OUT) _____ DOLLARS
 \$ _____

- D. ALTERNATE 3: Installation of 1,105 SF Pour-in-Place 50/50 mix with Aliphatic Binder per design.

TOTAL (WRITTEN OUT) _____ DOLLARS
 \$ _____

4.07 UNIT PRICE QUOTATIONS

- A. The following unit prices are submitted by the undersigned Bidder as a proposed basis for additive or deductive adjustment to the Total Base Bid in the event Contract changes are required involving the items described.

<u>ITEM</u>	<u>UNIT PRICE</u>
a. <u>Hourly Labor Rate for additional work</u>	\$ _____ (UNIT)
b. <u>Additional LF of Concrete Curbing for Play Pits</u>	\$ _____ (UNIT)

4.08 REJECTION AND WITHDRAWAL OF BID

- A. In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any informalities. It is agreed that this bid may not be withdrawn for a period of sixty (60) days from the opening thereof.

4.09 TIME OF COMPLETION

- A. If awarded the Contract, the undersigned agrees to complete all Work covered by this proposal on or before **OCTOBER 4, 2024.**

4.10 BID SECURITY

- A. Accompanying the proposal is a Bid Bond as surety in the amount of not less than ten percent (10%) of the Total Base Bid payable to Waukegan Park District, which it is agreed will be forfeited if the undersigned fails to execute the Contract in conformity with the Specifications and furnish Performance Bonds, Payment or

Labor and Material Bonds, and Certificate of Insurance with Endorsements after notification of the award of the Contract to the undersigned.

4.11 PERFORMANCE/PAYMENT OR LABOR AND MATERIALS BOND

- A. The undersigned Bidder agrees to provide Performance, and Payment or Labor and Material Bonds executed in accordance with AIA Document AIA-A312-2010 form, or its current equivalent, or one acceptable to Owner, in the amount of **110% of the Contract Sum** (Total Base Bid and all accepted alternatives and adjustments) the cost of which is included in the Bid.

4.12 CONTRACT DOCUMENTS

- A. The successful Bidder may be required to enter into a standard AIA form of Owner-Contractor Agreement appropriate to the form of the project delivery system selected by the Owner (general contractor and/or construction manager) OR other Agreement, as modified by the Owner.

CORPORATION

The Bidder is a Corporation organized and existing under the laws of the State of _____

Print Name

Duly Authorized Officer's Signature

Title

CORPORATE SEAL (above)

PARTNERSHIP

The Bidder is a co-partnership consisting of individual partners whose full names are listed below:

Print Name

(Partner's Signature)

INDIVIDUAL

The Bidder is an individual.

Print Name

Individual's Signature

Bidder must have their signature above notarized below regardless of Bidder Type

Sworn and Subscribed to before me this _____ day of _____, 2024.

My Commission Expires _____, 20__.
Notary Public or other Officer authorized to administer oaths

**2024 UPTON PARK PLAY EQUIPMENT INSTALLATION
WAUKEGAN PARK DISTRICT
WAUKEGAN, ILLINOIS**

BID QUALIFICATION FORM

4.13 BIDDER QUALIFICATION

Bidder Name

Address

Telephone Number

Fax Number

Number of years in business under this name: _____

Include with this Proposal the information required under 1.03 Requirements of Bidders in the Instructions to Bidders.
(See attached pages)

PROJECT LIST

List three (3) of the largest projects completed in the past three (3) years which are similar in scope to the **2024 UPTON PARK PLAY EQUIPMENT INSTALLATION**.

1. Project Name _____

Description _____

Client Name _____

Original Contract Amount _____ Final Contract Amount _____

Contract Final Completion Date _____ Actual Final Completion Date _____

Contact Person _____ Phone Number _____ Email _____

Architect/Engineer _____ Phone Number _____ Email _____

2. Project Name _____

Description _____

Client Name _____

Original Contract Amount _____ Final Contract Amount _____

Contract Final Completion Date _____ Actual Final Completion Date _____

Contact Person _____ Phone Number _____ Email _____

Architect/Engineer _____ Phone Number _____ Email _____

3. Project Name _____

Description _____

Client Name _____

Original Contract Amount _____ Final Contract Amount _____

Contract Final Completion Date _____ Actual Final Completion Date _____

Contact Person _____ Phone Number _____ Email _____

Architect/Engineer _____ Phone Number _____ Email _____

IMPORTANT NOTICE OF RESPONSIBILITY FOR PERIODIC REVISIONS TO PREVAILING WAGE RATES AND SUPERSEDES NOTICE

Revisions of the following Prevailing Wage Rates are made periodically by the Illinois Department of Labor. These may be accessed by computer at <https://www2.illinois.gov/idol/laws-rules/conmed/pages/prevailing-wage-rates.aspx>. As required by the Prevailing Wage Act, any and all such revisions supersede the Park District's June determination. Bidders and contractors performing work on this Project are responsible for determining the applicable prevailing wage rates at the time of bid submission and performance of the Work. Failure of a bidder/contractor to make such determination shall not relieve it of its obligations in accordance with the Contract Documents. In consideration for the award to it of the contract for this Project, the contractor agrees that the foregoing notice satisfies any obligation of the public body in charge of this Project to notify the contractor of periodic changes in the prevailing wage rates and the contractor agrees to assume and be solely responsible for, as a material obligation of the contractor under the contract, the obligation to determine periodic revisions of the prevailing wage rates, to notify its subcontractors of such revisions, to post such revisions as required for the posting of wage rates under the Act, and to pay and require its subcontractors to pay wages in accordance with such revised rates.

CONTRACTOR COMPLIANCE AND CERTIFICATIONS

Note: The following certifications form an integral part of the Agreement between the Owner and Contractor. Breach by Contractor of any of the certifications may result in immediate termination of the Contractor's services by Owner.

THE UNDERSIGNED CONTRACTOR HEREBY ACKNOWLEDGES, CERTIFIES, AFFIRMS AND AGREES AS FOLLOWS:

- A. Contractor has carefully read and understands the contents, purpose and legal effect of this document as stated above and hereafter in this document. The certifications contained herein are true, complete and correct in all respects.
- B. Contractor shall abide by and comply with, and in contracts which it has with all persons providing any of the services or Work on this Project on its behalf shall require compliance with, all applicable Federal, State and local laws and rules and regulations including without limitation those relating to 1) fair employment practices, affirmative action and prohibiting discrimination in employment; 2) workers' compensation; 3) workplace safety; 4) wages and claims of laborers, mechanics and other workers, agents, or servants in any manner employed in connection with contracts involving public funds or the development or construction of public works, buildings or facilities; and 5) steel products procurement.
- C. All contracts for this Project are subject to the provisions of the Illinois Prevailing Wage Act (820 ILCS 130/0.01 *et seq.*), providing for the payment of the prevailing rate of wage to all laborers, workmen and mechanics engaged in the Work. Contractor shall pay prevailing rates of wages in accordance with the wage determination included with the Contract Documents and any subsequent determinations issued by the Illinois Department of Labor which shall supersede the determination included in the Contract Documents, all in accordance with applicable law. Contractor is responsible for determining the applicable prevailing wage rates at the time of bid submission and at the time of performance of the Work. Failure of Contractor to make such determination shall not relieve it of its obligations in accordance with the Contract Documents. Contractor shall also comply with all other requirements of the Act including without limitation those pertaining to inclusion of required language in subcontracts, job site posting, maintenance and submission of certified payroll records and inspection of records. Contractor is not barred from entering into public contracts under Section 11a of the Illinois Prevailing Wage Act due to its having been found to have disregarded its obligations under the Act.
- D. To the best of Contractor's knowledge, no officer or employee of Contractor has been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, or any unit of local government, nor has any officer or employee made an admission of guilt of such conduct which is a matter of record.
- E. Contractor is not barred from bidding on or entering into public contracts due to having been convicted of bid-rigging or bid rotating under paragraphs 33E-3 or 33E-4 of the Illinois Criminal Code. Contractor also certifies that no officers or employees of the Contractor have been so convicted and that Contractor is not the successor company or a new company created by the officers or owners of one so convicted. Contractor further certifies that any such conviction occurring after the date of this certification will be reported to the Owner, immediately in writing, if it occurs during the bidding process, or otherwise prior to entering into the Contract therewith.

- F. Pursuant to the Illinois Human Rights Act (775 ILCS 5/2-105), Contractor has a written sexual harassment policy that includes, at a minimum, the following information: (i) a statement on the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment utilizing examples; (iv) the Contractor's internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and directions on how to contact both; and (vi) protection against retaliation as provided by Section 6-101 of the Illinois Human Rights Act. Contractor further certifies that such policy shall remain in full force and effect. A copy of the policy shall be provided to the Illinois Department of Human Rights upon request.
- G. Contractor shall abide by the "Employment of Illinois Workers on Public Works Act" (30 ILCS 570/0.01 *et seq.*) which stipulates that whenever there is a period of excessive unemployment in Illinois, defined as any month immediately following two (2) consecutive calendar months during which the level of unemployment in Illinois exceeds five percent (5%) as measured by the U.S. Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ only Illinois laborers unless otherwise exempted as so stated in the Act. ("Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident). Other laborers may be used if Illinois laborers are not available or are incapable of performing the particular type of work involved if so certified by the Contractor and approved by the Owner.
- H. (i) Contractor's bid proposal was made without any connection or common interest in the profits anticipated to be derived from the Contract by Contractor with any other persons submitting any bid or proposal for the Contract; (ii) the Contract terms are in all respects fair and the Contract will be entered into by Contractor without collusion or fraud; (iii) no official, officer or employee of the Owner has any direct or indirect financial interest in Contractor's bid proposal or in Contractor, (iv) the Contractor has not directly or indirectly provided, and shall not directly or indirectly provide, funds or other consideration to any person or entity (including, but not limited to, the Owner and the Owner's employees and agents), to procure improperly special or unusual treatment with respect to this Agreement or for the purpose of otherwise improperly influencing the relationship between the Owner and the Contractor. Additionally, the Contractor shall cause all of its officers, directors, employees, (as the case may be) to comply with the restrictions contained in the preceding sentence.
- I. Contractor knows and understands the Equal Employment Opportunity Clause administered by the Illinois Department of Human Rights, which is incorporated herein by this reference, and agrees to comply with the provisions thereof. Contractor further certifies that Contractor is an "equal opportunity employer" as defined by Section 2000 (e) of Chapter 21, Title 42 of the United States Code Annotated and Executive Orders #11246 and #11375 as amended, which are incorporated herein by this reference.
- J. Contractor shall use reasonable effort to employ local, women, and minority. Additionally, Contractor shall use reasonable effort to utilize local, women, and minority owned Subcontractors.
- K. Neither Contractor nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act.

- L. Contractor is not barred from contracting with the Owner because of any delinquency in the payment of any tax administrated by the Illinois Department of Revenue, unless it is being contested. Contractor further certifies that it understands that making a false statement regarding delinquency in taxes is a Class A misdemeanor and, in addition, voids the Contract and allows the Owner, a municipal entity, to recover in a civil action all amounts paid to the Contractor.

- M. If Contractor has 25 or more employees at the time of letting of the Contract, Contractor knows, understands and acknowledges its obligations under the Illinois Drug Free Workplace Act (30 ILCS 580/1 *et seq.*) and certifies that it will provide a drug-free workplace by taking the actions required under, and otherwise implementing on a continuing basis, Section 3 of the Drug Free Workplace Act. Contractor further certifies that it has not been debarred and is not ineligible for award of this Contract as the result of a violation of the Illinois Drug Free Workplace Act.

- N. Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention In Public Works Act, 820 ILCS 265/1 *et seq.* A true and complete copy of Contractor's Substance Abuse Prevention Program Certification is attached to and made a part of this Contractor Compliance and Certification Attachment.

- O. The Contractor shall comply with the requirements and provisions of the Freedom of Information Act (5 ILCS 140/1 *et. seq.*) and, upon request of the Waukegan Park District's designated Freedom of Information Act Officer (FOIA Officer), Contractor shall within two (2) business days of said request, turn over to the FOIA Officer any record in the possession of the Contractor that is deemed a public record under FOIA.

 CONTRACTOR NAME

By: _____ (Signature)

_____ (Printed Name)

Its: _____ (Title)

STATE OF _____)

)SS

COUNTY OF _____)

I, the undersigned, a notary public in and for the State and County, aforesaid, hereby certify that _____ appeared before me this day and, being first duly sworn on oath, acknowledged that he/she executed the foregoing instrument as his/her free act and deed and as the act and deed of the Contractor.

Dated: _____

 (Notary Public)

(SEAL)

SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION

The Substance Abuse Prevention in Public Works Projects Act, 820 ILCS 265/1 et seq., (“Act”) prohibits any employee of the Contractor or any Subcontractor on a public works project to use, possess or be under the influence of a drug or alcohol, as those terms are defined in the Act, while performing work on the project. The Contractor/Subcontractor **[circle one]**, by its undersigned representative, hereby certifies and represents to the Waukegan Park District that **[Contractor/Subcontractor must complete either Part A or Part B below]**:

- A. The Contractor/Subcontractor **[circle one]** has in place for all of its employees not covered by a collective bargaining agreement that deals with the subject of the Act a written substance abuse prevention program, a true and correct copy of which is attached to this certification, which meets or exceeds the requirements of the Substance Abuse Prevention in Public Works Act, 820 ILCS 265/1 et seq. **[Contractor/Subcontractor must attach a copy of its substance abuse prevention program to this Certification.]**

Name of Contractor/Subcontractor (print or type)

Name and Title of Authorized Representative (print or type)

_____ Dated: _____
Signature of Authorized Representative

- B. The Contractor/Subcontractor **[circle one]** has one or more collective bargaining agreements in effect for all of its employees that deal with the subject matter of the Substance Abuse Prevention in Public Works Projects Act, 820 ILCS 265/1 et seq.

Name of Contractor/Subcontractor (print or type)

Name and Title of Authorized Representative (print or type)

_____ Dated: _____
Signature of Authorized Representative

EMPLOYMENT OF ILLINOIS WORKERS OF PUBLIC WORKS ACT CERTIFICATION

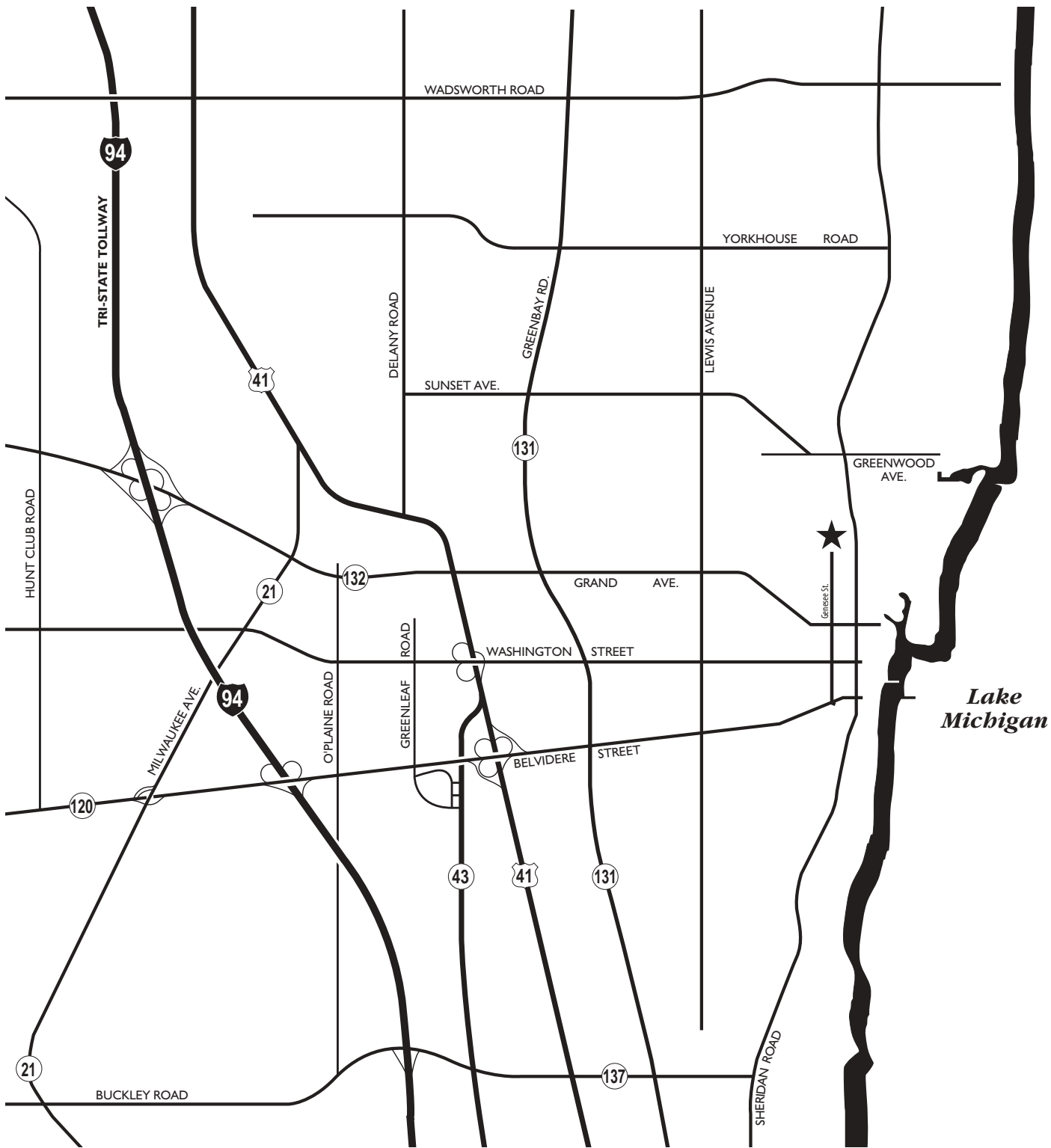
I hereby certify that I have been provided with a copy of the Employment of Illinois Workers of Public Works Act (Page 33, Section G.) and that I am in compliance with the workforce requirements. Furthermore, I accept full liability for present and future compliance with the Act throughout the duration of performance under this contract.

CONTRACTOR NAME

By: _____ (Signature)

_____ (Printed Name)

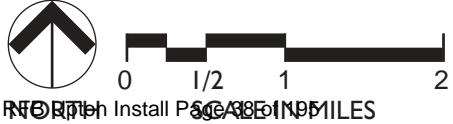
Its: _____ (Title)



WAUKEGAN PARK DISTRICT

LOCATION

★ **UPTON PARK**
 Douglas House
 732 North Genesee Street
 Waukegan, Illinois



North Install Plans 2018



Play Illinois, LLC

310 N Grant Street | Westmont, IL 60559 | 844-222-9990

Proposal 129-182554-3 | 4/5/2024

DESIGN SUMMARY

Play Illinois, LLC is very pleased to present this Proposal for consideration for the Upton Park located in Waukegan. BCI Burke Company, LLC has been providing recreational playground equipment for over 100 years and has developed the right mix of world-class capabilities to meet the initial and continuing needs of Waukegan Park District. 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:

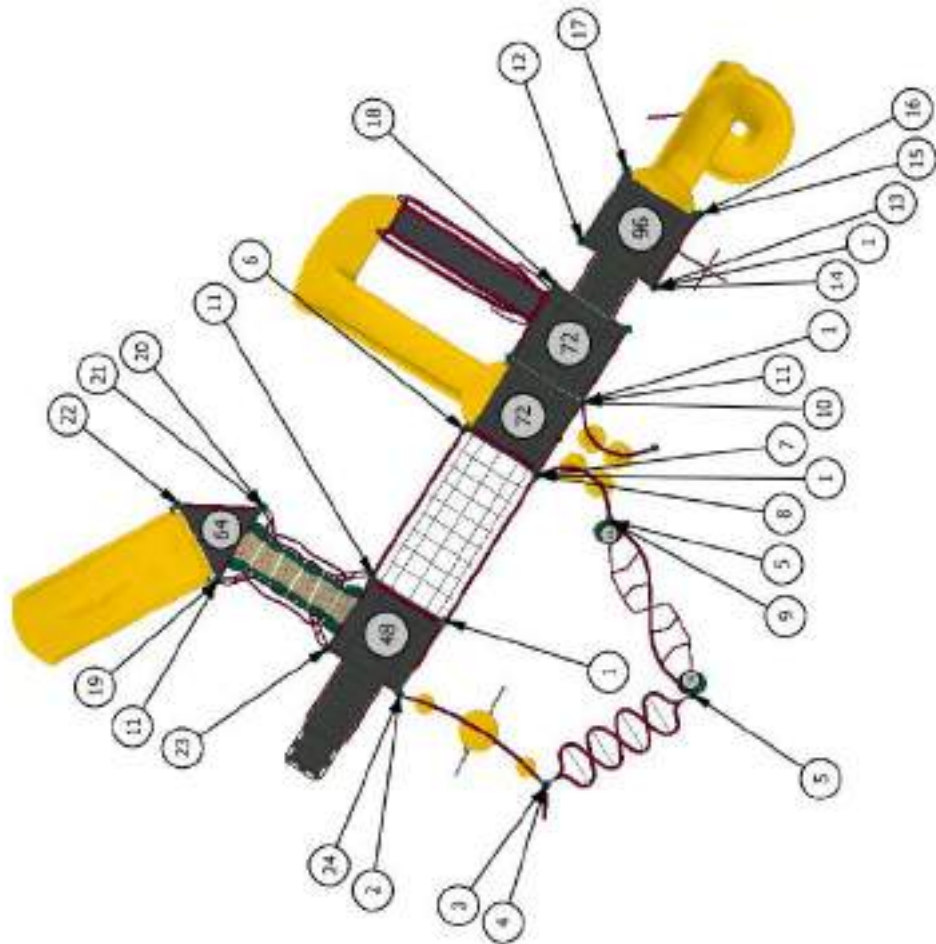
- Project Name: Upton Park
- Project Number: 129-182554-3
- User Capacity: 142
- Age Groups: 5 to 12, 2 to 12
- Dimensions: 82' 0"x84' 5"
- Designer Name: Brandy Janke

Play Illinois, LLC has developed a custom playground configuration based on the requirements as they have been presented for the Upton 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 # 129-182554-3 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 Upton 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.

ITEM	COMP.	DESCRIPTION
1	270-0139	SQUARE PLATFORM
2	370-1718	TACTICS BOX CLIMBER
3	370-0808	TWISTING TRAVERSE
4	370-0854	VENTO CLIMBER 1
5	370-1009	DIVERTED LAUNCH PAD
6	370-0191	ROPE TUNNEL SPBIT
7	370-1723	KODGE CLIMBER 64"-72"
8	370-0892	EVOLUTION CENTER POLYBUT ENCL. 64"
9	370-0881	5 HORIZONTAL LUDER, NUCLEUS
10	370-0865	TRIE BRANCH CLIMBER 72"
11	270-0129	EVOLUTION UNITARY ENCLOSURE
12	370-0039	EVOLUTION 24" TRANSMISSION STAIR W/ BARRIERS
13	370-0113	LINKING RING CLIMBER 84"-96"
14	270-0121	EVOLUTION STATION
15	470-0021	VIEWER SPIRAL 96 W/O HOOD
16	470-0801	SLIDE PODD, HIGH SEDE WALL
17	570-2736	PISTON PANEL
18	470-0969	360 LOOP
19	370-1715	MESA CLIMBER
20	270-0129	TRANSILE PLATFORM
21	570-0109	EVOLUTION SWAYER
22	400-0002	CONTIGUA SLIDE, 64"-72"
23	370-1879	TRANSFER STATION, HAMBURG 48"
24	270-0122	EVOLUTION OFFSET ENCLOSURE



SERIES Nucleus | Intensity

COMPONENT VIEW

GROUP:
5-12 Structure

Upton Park
Waukegan, IL 60085-2012

04/05/2024

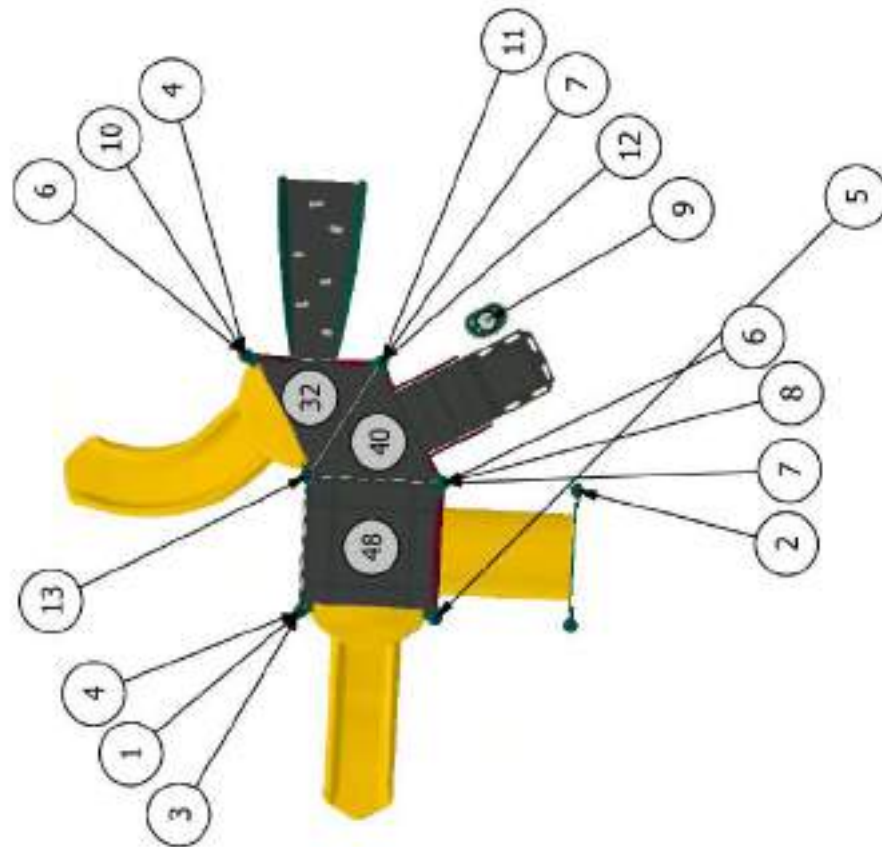
DESIGNED FOR AGES:
5 to 12

Burke
PLAY THAT MOVES YOU

Play Illinois, LLC
129-182554-3

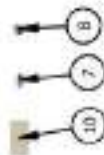
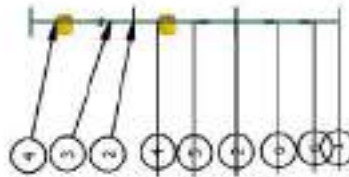
Designer: Brandy Janke

ITEM	COMP.	DESCRIPTION
1	270-0139	SQUARE PLATFORM
2	570-0902	STRAIGHT TUMBLE, GL
3	470-0659	ROCKIN ROLL SLIDE, 48" - 48" 810-8000
4	470-0967	SLIDE HOOD, LOW SIDE WALL
5	570-0109	EVOLUTION BARBER
6	270-0129	TRIANGLE PLATFORM
7	270-0059	8" CLOSURE PLATE, SLIPSE
8	570-1661	TRAILERS STATION, BARBERS 48"
9	580-1364	LLI MONO BEAR STEP
10	470-0902	MONACO SLIDE, 32" 40"
11	370-1716	ROCK DRAWL
12	270-0129	EVOLUTION UNITARY ENCLOSURE
13	570-2644	SWISS PANEL



SERIES Nucleus Burke Basics	COMPONENT VIEW
GROUP: 2-12 Structure	04/05/2024
DESIGNED FOR AGES: 2 to 12	Play Illinois, LLC 129-182554-3 Designer: Brandy Janke
Upton Park Waukegan, IL 60085-2012 	
BCI BURKE COMPANY, LLC PO BOX 549 FOND DU LAC, WI 54936-0549 920.921.9270	

ITEM	COMP.	DESCRIPTION
1	500-0158	3 3/2" OD ARCH SWING
2	500-0159	3 1/2" OD ARCH SWING AEO-OM
3	500-0094	TOT SEAT, 7' 6" SINGLE, STD CHAIN
4	500-0171	FREEDOM SWING SEAT, 8" BEAM, STD CHAIN
5	500-0111	BELT SEAT, 8" SINGLE, PVC CHAIN
6	500-0112	BELT SEAT, 8" SINGLE, STD CHAIN
7	500-0227	DIAMOND SCALE
8	500-0344	TWIST & GIRTH
9	500-0613	SPINETIC W/ SPEED LIMITER
10	500-0753	DIMOGAR FUSION D16 - SMALL



SERIES	Burke Basics	COMPONENT VIEW
GROUP:	Freestanding	04/05/2024
DESIGNED FOR AGES:	2 to 12	Play Illinois, LLC 129-182554-3 Designer: Brandy Janke
Upton Park Waukegan, IL 60085-2012 		
BCI BURKE COMPANY, LLC PO BOX 549 FOND DU LAC, WI 54936-0549 920.921.9270		



SERIES Burke Basics | Nucleus | Intensity

ELEVATION VIEW

GROUP:
5-12 Structure|2-12 Structure|Freestanding

Upton Park
Waukegan, IL 60085-2012

04/05/2024

DESIGNED FOR AGES:
5 to 12, 2 to 12

Burke
PLAY THAT MOVES YOU

Play Illinois, LLC
129-182554-3

Designer: Brandy Janke



<p>SERIES Burke Basics Nucleus Intensity</p>		<p>ISOMETRIC VIEW</p>
<p>GROUP: 5-12 Structure 2-12 Structure Freestanding</p>	<p>Upton Park Waukegan, IL 60085-2012</p>	<p>04/05/2024</p>
<p>DESIGNED FOR AGES: 5 to 12, 2 to 12</p>	<p>Burke PLAY THAT MOVES YOU</p>	<p>Play Illinois, LLC 129-182554-3 Designer: Brandy Janke</p>
<p>BCI BURKE COMPANY, LLC PO BOX 549 FOND DU LAC, WI 54936-0549 920.921.9277</p>		

The play components identified in this proposal 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 in this proposal are to ASTM standards. Requirements for other standards may be different.

Component No.	Description	Qty	User Cap	Ext. User Cap	Weight	Ext. Weight
5-12 Structure						
Nucleus						
072-0500-124C	5" OD X 124" CAPPED POST	1	0	0	65	65
072-0500-128C	5" OD X 128" CAPPED POST	3	0	0	67	201
072-0500-136C	5" OD X 136" CAPPED POST	2	0	0	71	142
072-0500-140C	5" OD X 140" CAPPED POST	3	0	0	74	222
072-0500-152C	5" OD X 152" CAPPED POST	1	0	0	80	80
072-0500-164C	5" OD X 164" CAPPED POST	2	0	0	86	172
072-0500-172C	5" OD X 172" CAPPED POST	3	0	0	90	270
072-0500-180C	5" OD X 180" CAPPED POST	4	0	0	94	376
072-0500-192C	5" OD X 192" CAPPED POST	2	0	0	101	202
270-0120	EVOLUTION UNITARY ENCLOSURE	3	0	0	34	102
270-0121	EVOLUTION STANCHION	1	0	0	43	43
270-0122	EVOLUTION OFFSET ENCLOSURE	1	0	0	34	34
270-0129	TRIANGLE PLATFORM	1	2	2	48	48
270-0130	SQUARE PLATFORM	4	6	24	106	424
270-0292	EVOLUTION CENTER MOUNT ENCLOSURE	1	0	0	40	40
370-0039	EVOLUTION 24" TRANSITION STAI...	1	4	4	181	181
370-0113	LINKING RING CLIMBER 80"-96"	1	4	4	64	64
370-0193	ROPE TUNNEL SPIRIT	1	6	6	251	251
370-0865	TREE BRANCH CLIMBER 72"	1	4	4	33	33
370-1659	TRANSFER STATION, HANDRAIL 48"	1	6	6	210	210
370-1715	MESA CLIMBER	1	4	4	143	143
370-1733	PODSTEP CLIMBER 64"-72"	1	4	4	165	165
470-0803	CONTOUR SLIDE, 64"-72"	1	4	4	232	232
470-0805	SLIDE HOOD, HIGH SIDE WALL	1	0	0	32	32
470-0831	VIPER SPIRAL 96 W/O HOOD	1	4	4	270	270
470-0966	360 LOOP	1	6	6	557	557
570-0100	EVOLUTION BARRIER	1	0	0	52	52
570-2736	PISTON PANEL	1	1	1	47	47
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
Intensity						
370-0808	TWISTING TRAVERSE	1	5	5	103	103
370-0854	VERTO CLIMBER 1	1	1	1	35	35
370-1608	OVISTEP LAUNCH PAD	2	1	2	10	20
370-1683	S HORIZONTAL LADDER, NUCLEUS	1	6	6	56	56
370-1718	TAKTIKS BOW CLIMBER	1	7	7	103	103

Freestanding

Burke Basics

550-0099	TOT SEAT, 7' & 8' SINGLE, STD...	1	1	1	12	12
550-0111	BELT SEAT, 8' SINGLE, STD CHAIN	2	1	2	10	20
550-0113	BELT SEAT, 8' SINGLE, PVC CHAIN	1	1	1	11	11
550-0158	3 1/2" OD ARCH SWING	1	0	0	264	264
550-0159	3 1/2" OD ARCH SWING ADD-ON	2	0	0	160	320
550-0171	FREEDOM SWING SEAT, 8' BEAM, ...	2	1	2	38	76
560-0550	DINOSAUR FOSSIL DIG - SMALL	1	4	4	61	61
560-2610	SPINETIC W/ SPEED LIMITER	1	8	8	266	266
580-0237	BALANCE SCALE	1	2	2	34	34
580-0344	TWIST & SWIRL	1	2	2	34	34
660-0101	INSTALL KIT, BURKE BASICS - P...	1	0	0	2	2

2-12 Structure

Nucleus

072-0500-108C	5" OD X 108" CAPPED POST	1	0	0	57	57
072-0500-116C	5" OD X 116" CAPPED POST	1	0	0	61	61
072-0500-124C	5" OD X 124" CAPPED POST	4	0	0	65	260
072-0500-80C	5" OD X 80" CAPPED POST	2	0	0	42	84
270-0009	8" CLOSURE PLATE, ELLIPSE	2	0	0	8	16
270-0120	EVOLUTION UNITARY ENCLOSURE	1	0	0	34	34
270-0129	TRIANGLE PLATFORM	2	2	4	48	96
270-0130	SQUARE PLATFORM	1	6	6	106	106
370-1661	TRANSFER STATION, BARRIER 40"	1	5	5	217	217
370-1716	ROCK CRAWL	1	2	2	134	134
470-0659	ROCK'N ROLL SLIDE, 40" - 48" ...	1	1	1	71	71
470-0802	MONACO SLIDE, 32"-40"	1	2	2	70.6	70.6
470-0967	SLIDE HOOD, LOW SIDE WALL	2	0	0	37	74
570-0100	EVOLUTION BARRIER	1	0	0	52	52
570-0502	STRAIGHT TUNNEL, GL	1	4	4	108	108
570-2644	SHAPES PANEL	1	1	1	44	44
580-1364	LIL NOVO BEAN STEP	1	1	1	28	28

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, installation, or sales tax (if applicable).

Pricing is valid for 30 days from the date of this proposal.

COLOR SELECTION LIST | Default Color Option

GROUP 1 (Freestanding)

Post: Green
Deck: Gray
Plastic: Yellow
Acc: Burgundy
Panel: Green-Tan-Green
Flat: Green

GROUP 2 (5-12 Structure)

Deck: Gray
Post: Green
Plastic: Yellow
Acc: Burgundy
Flat: Green
Panel: Green-Tan-Green

GROUP 3 (2-12 Structure)

Deck: Gray
Post: Green
Flat: Green
Plastic: Yellow
Acc: Burgundy
Panel: Green-Tan-Green

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 KoroConnect® 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® Boulder's and GFK 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 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, marking, 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 990-921-9220 or 1-800-356-2070.

01/2021

SERIES LINE:

GRO UP:

5-1-2 Structure | 2-1-2 Structure | Freestanding

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012



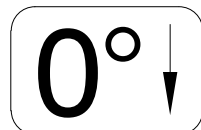
BCI BURKE COMPANY, LLC | PO BOX 549 FOND DU LAC, WI 54936-0549 | 920.921.9220 | BCI@BURKE.COM

04/05/2024




Play Illinois, LLC

129-182554-3

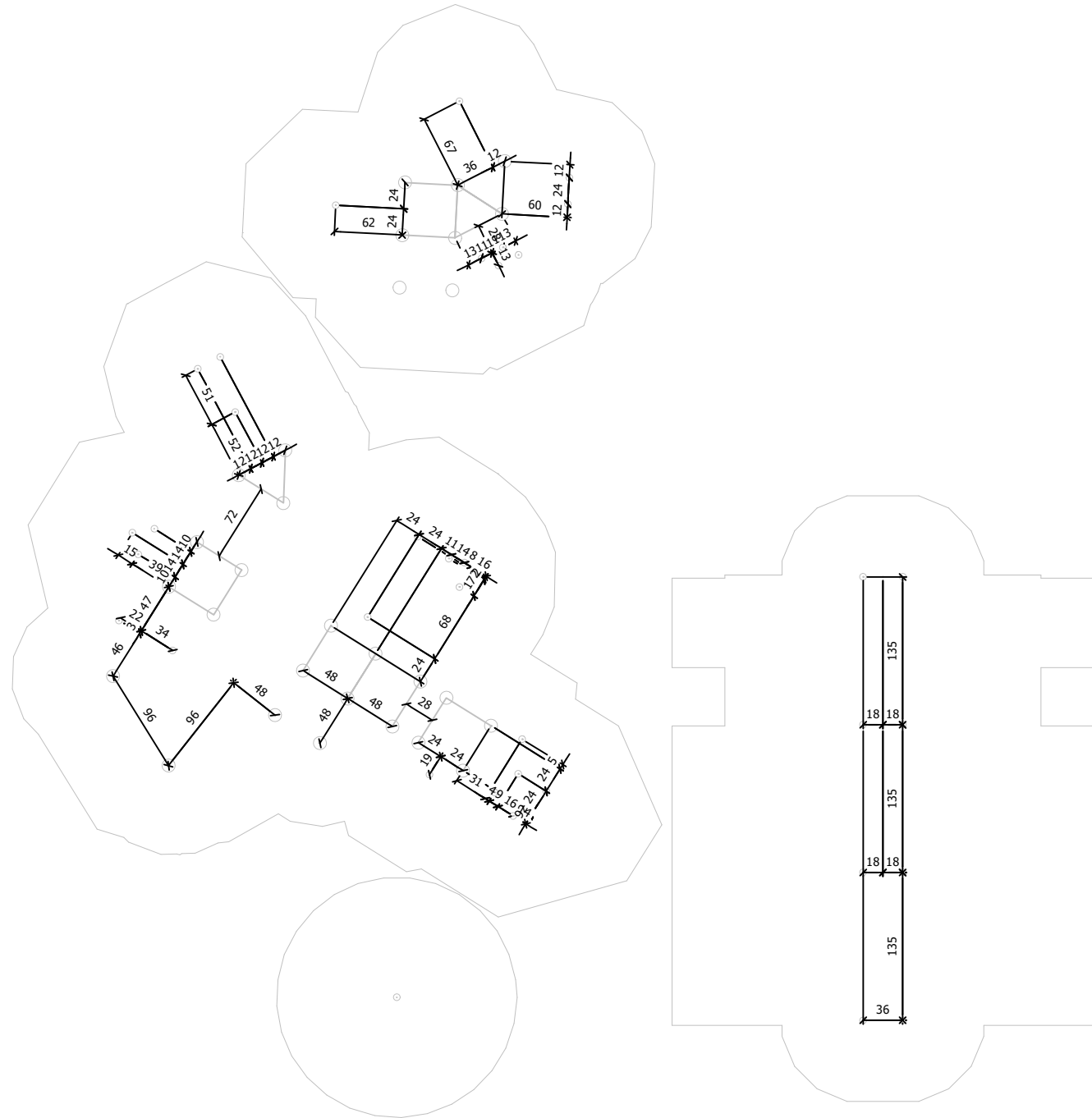
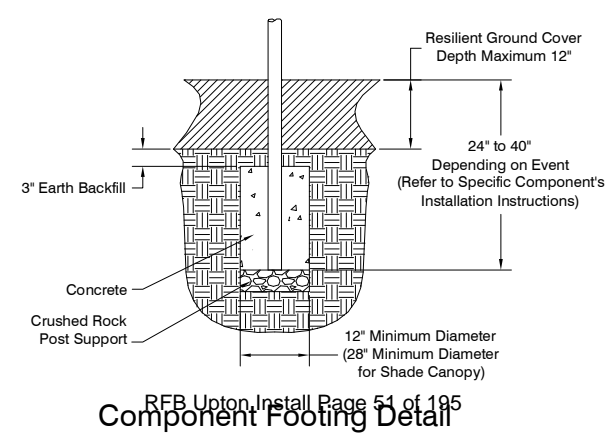
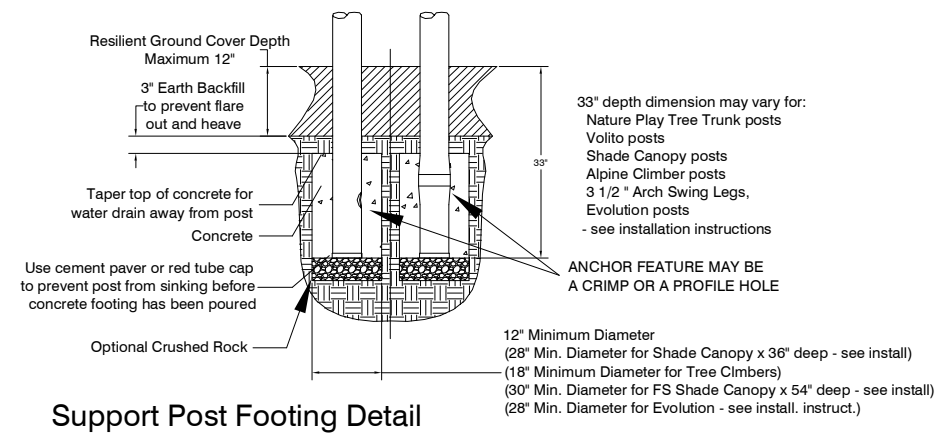
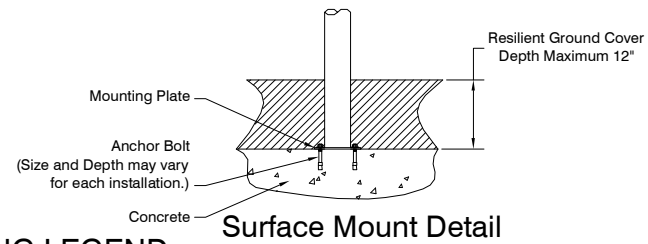
Designer: Brandy Janke



FOOTING LEGEND

-  Support Post Identifier & Footing
-  Nature Play Tree House Post Identifier
-  Component Footing

NOTES:
 1.) Dimensions are for locations for footing holes, not exact placement of equipment.
 2.) Assemble, plumb, and level equipment before pouring concrete.
 3.) Dimensions are rounded to nearest whole inch.



SERIES LINE:

GRO UP:

5-12 Structure

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012



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129-182554-3

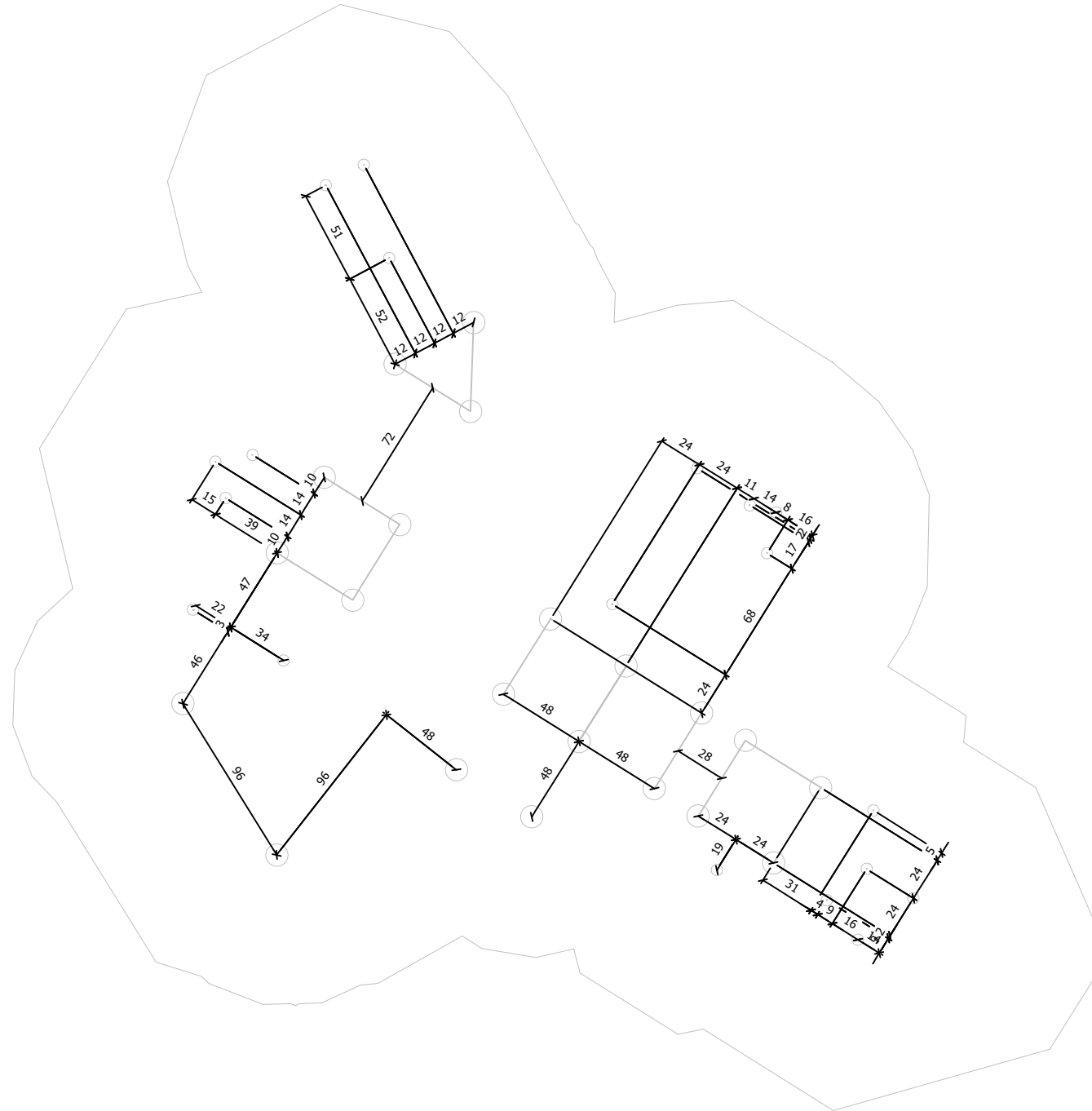
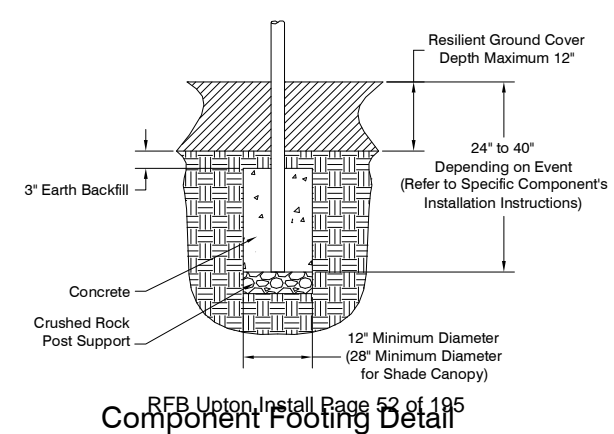
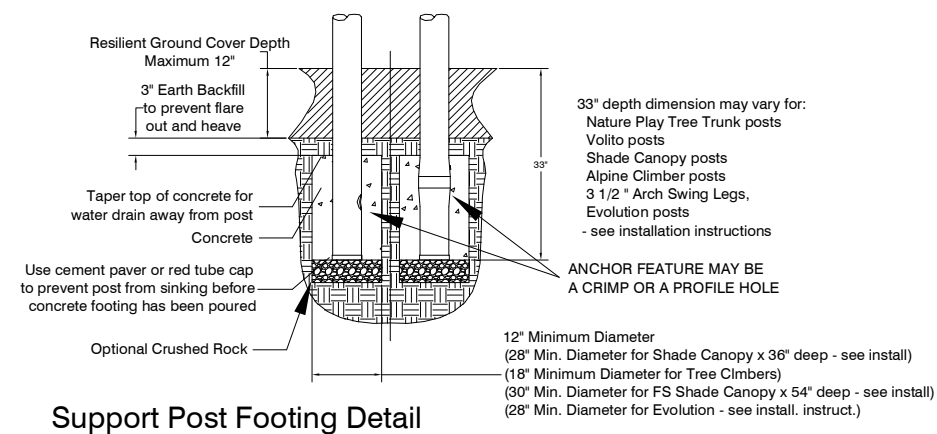
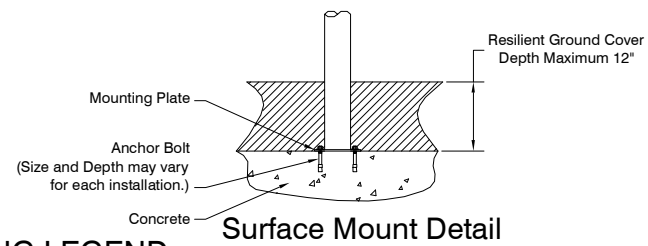
Designer: Brandy Janke



FOOTING LEGEND

- A1 Support Post Identifier & Footing
- NP1 Nature Play Tree House Post Identifier
- Component Footing

NOTES:
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SERIES LINE:

GRO UP:

2-12 Structure

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012



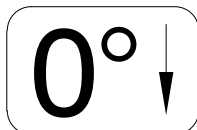
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Play Illinois, LLC

129-182554-3

Designer: Brandy Janke



A1

Support Post Identifier & Footing

NP1

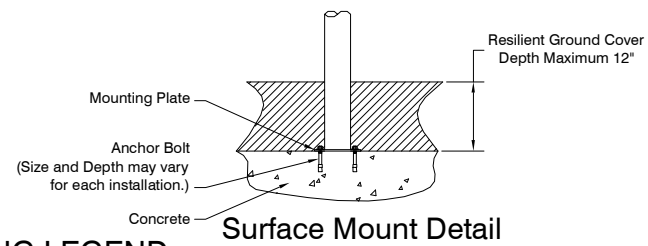
Nature Play Tree House Post Identifier

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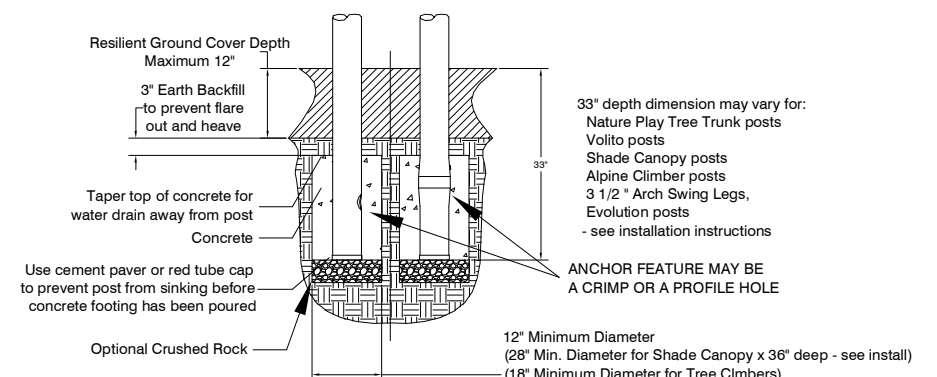
Component Footing

FOOTING LEGEND

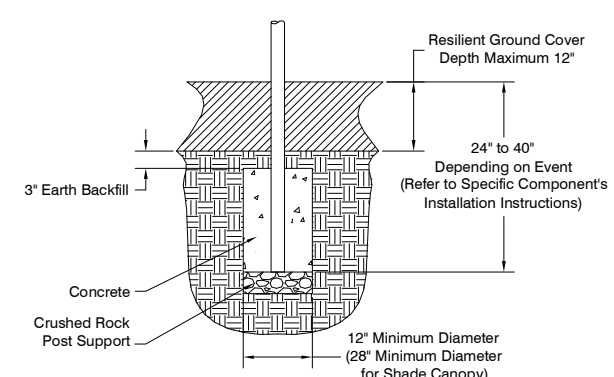
- NOTES:
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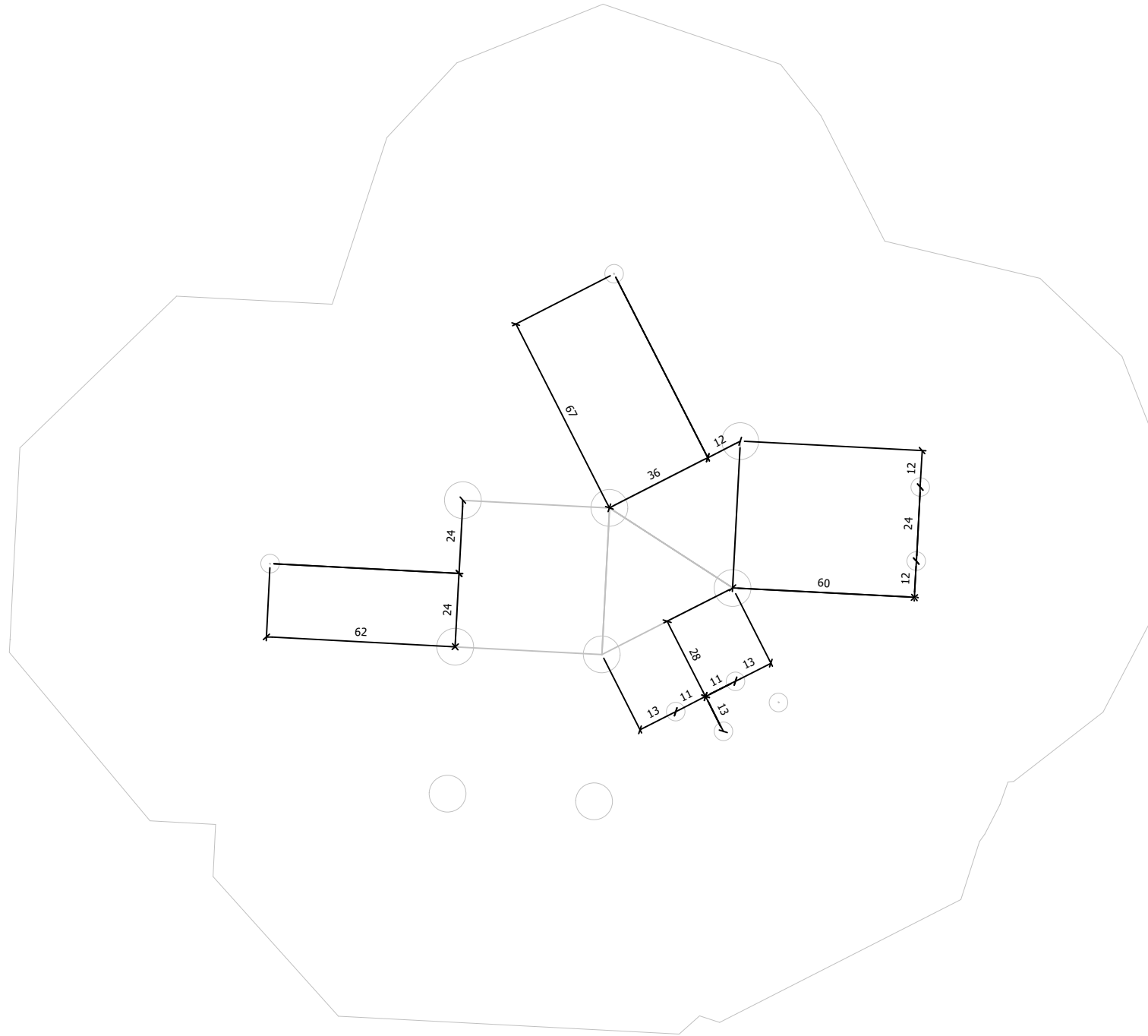
Surface Mount Detail



Support Post Footing Detail



Component Footing Detail



SERIES LINE:

GRO UP:
Freestanding

DESIGNED FOR AGES:

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Waukegan, IL 60085-2012



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04/05/2024

Play Illinois, LLC

129-182554-3

Designer: Brandy Janke



A1

Support Post Identifier & Footing

NP1

Nature Play Tree House Post Identifier

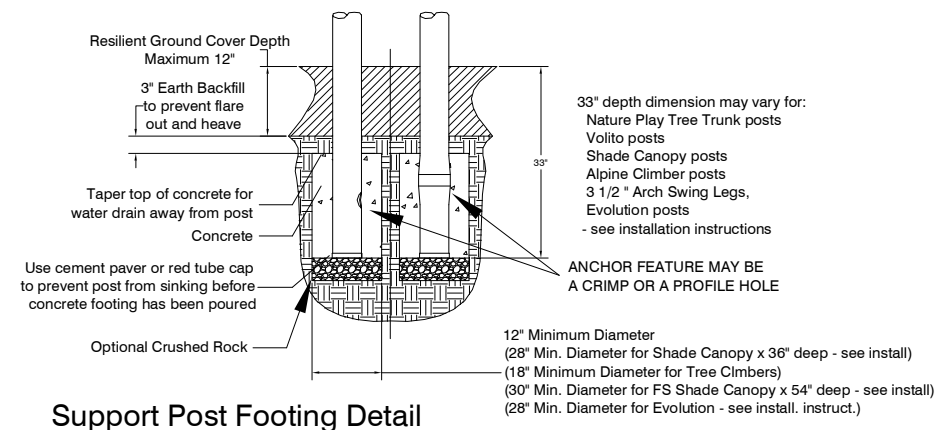
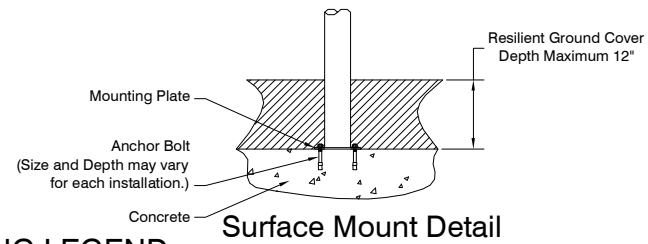
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Component Footing

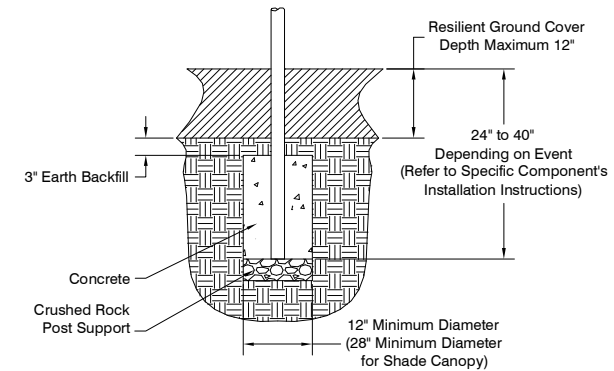
FOOTING LEGEND

NOTES:

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Support Post Footing Detail



Component Footing Detail

RFB Upton Install Page 54 of 195

SERIES LINE:

GRO UP:

5-12 Structure | 2-12 Structure | Freestanding

DESIGNED FOR AGES:

Upton Park

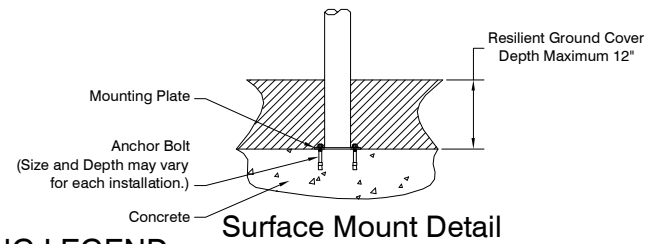
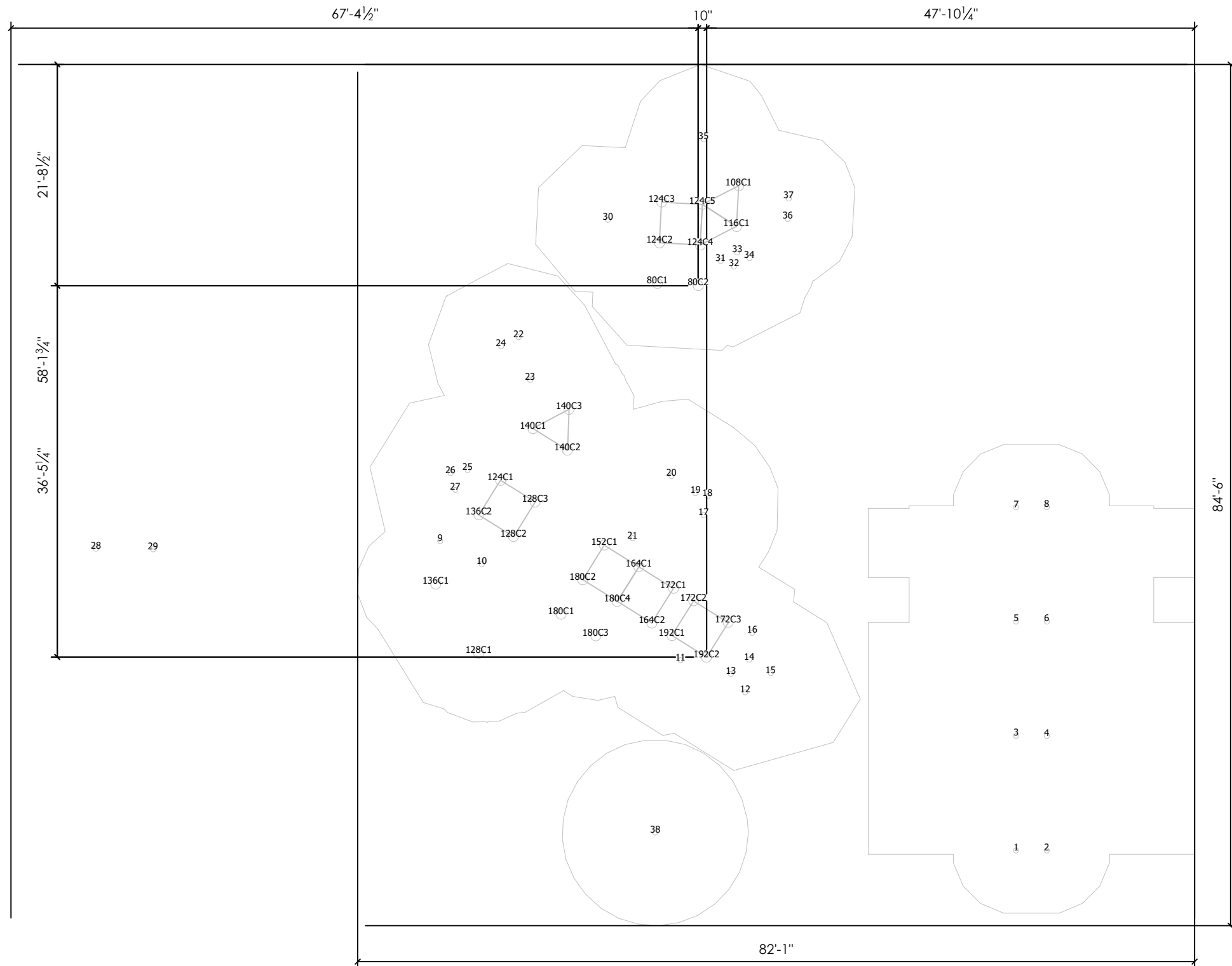
Waukegan, IL 60085-2012

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Play Illinois, LLC

Designer: Brandy Janke

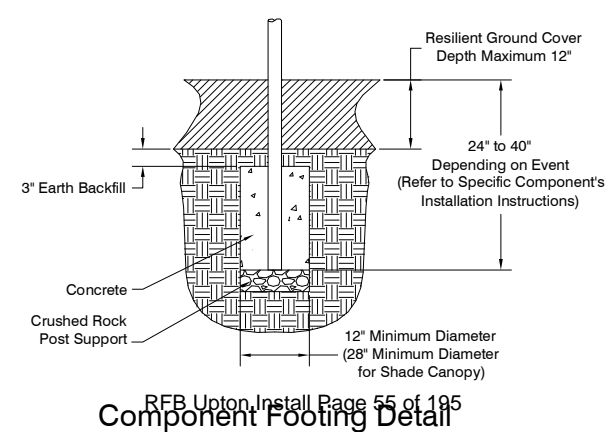
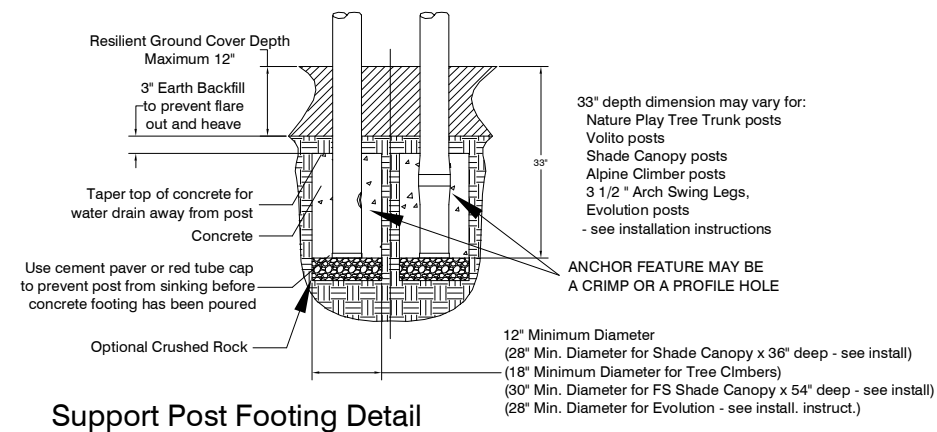
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FOOTING LEGEND

- Support Post Identifier & Footing
- Nature Play Tree House Post Identifier
- Component Footing

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SERIES LINE:

GRO UP:

5-12 Structure

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012



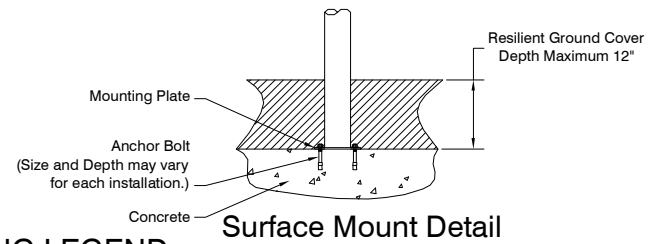
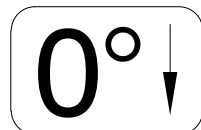
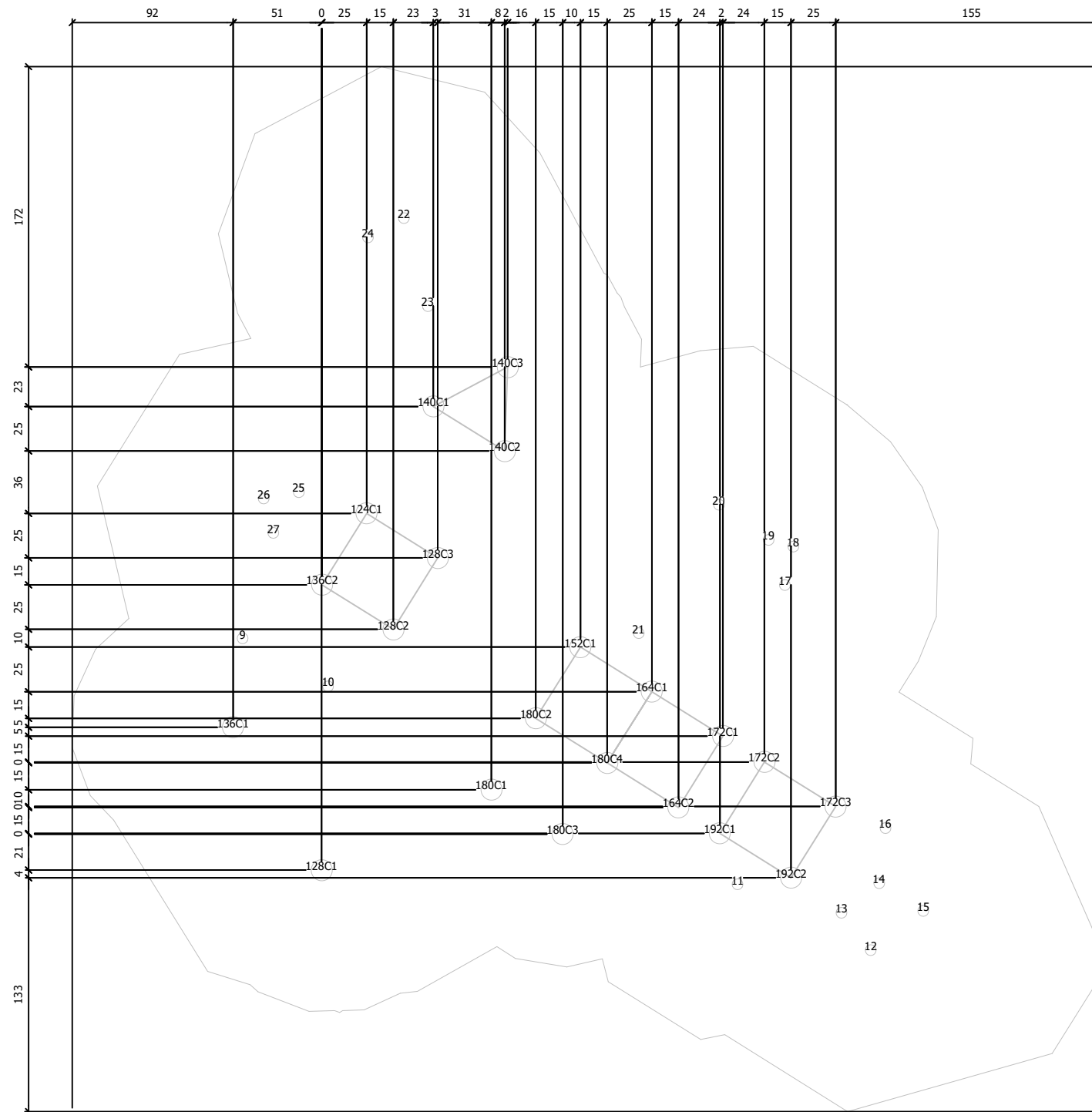
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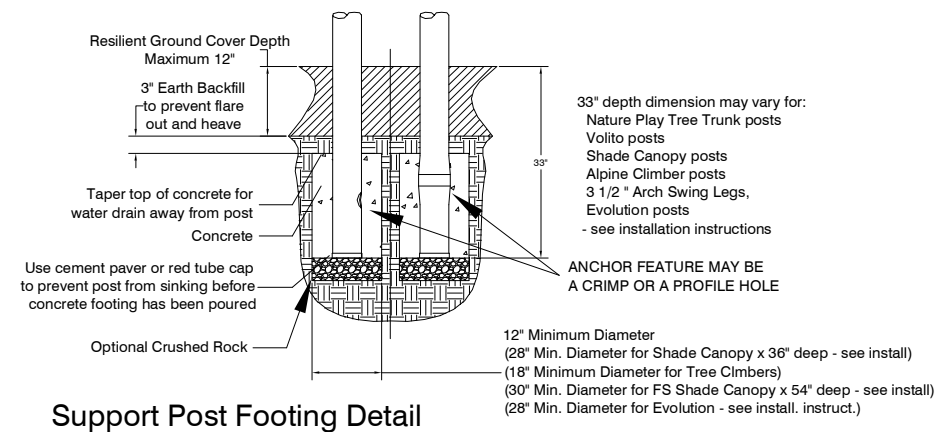
Designer: Brandy Janke



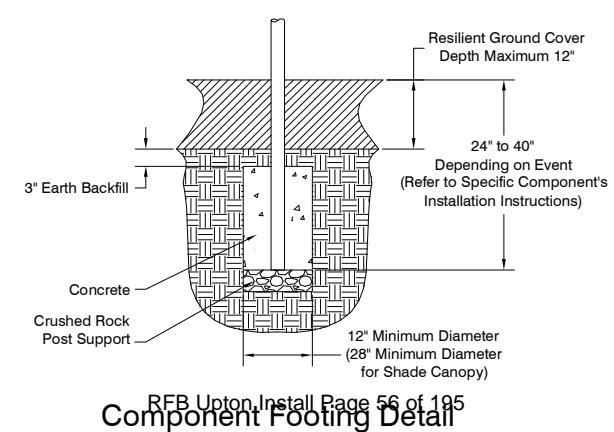
FOOTING LEGEND

- A1 Support Post Identifier & Footing
- NP1 Nature Play Tree House Post Identifier
- Component Footing

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Support Post Footing Detail



Component Footing Detail

SERIES LINE:

GRO UP:

2-12 Structure

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012



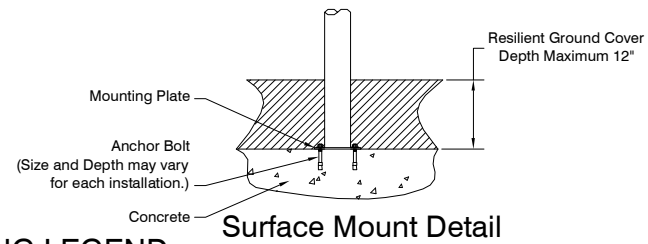
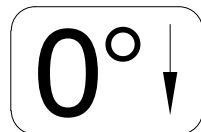
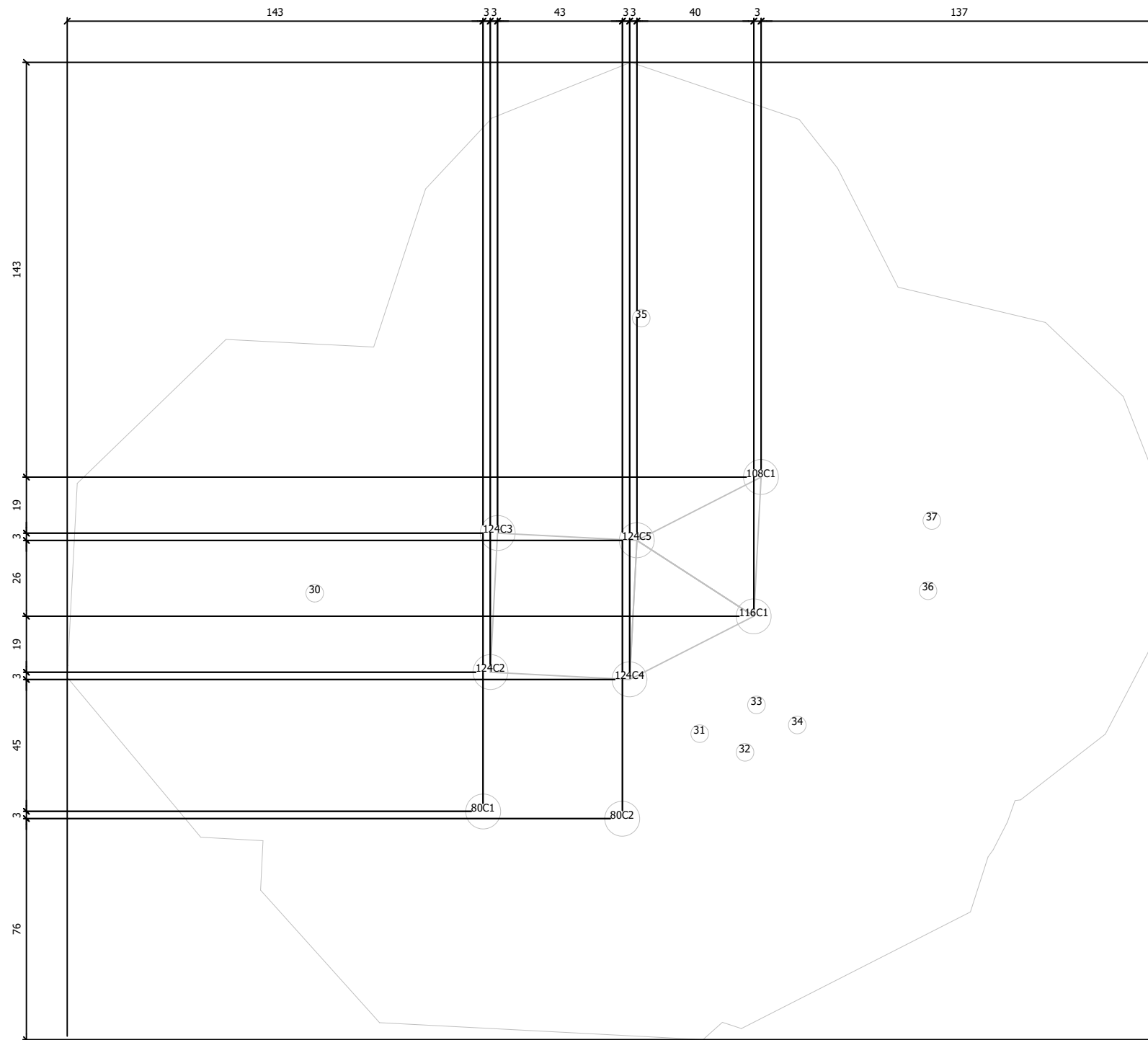
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Play Illinois, LLC

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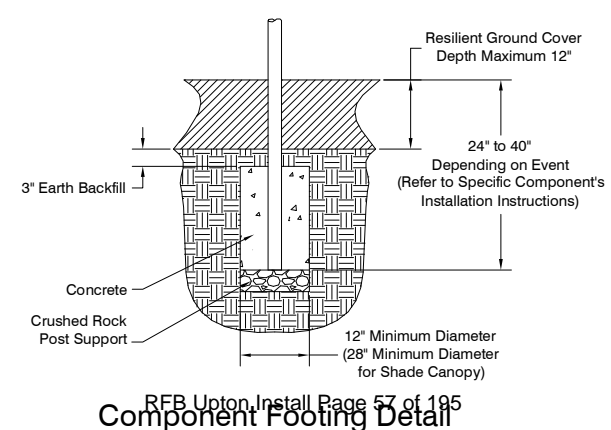
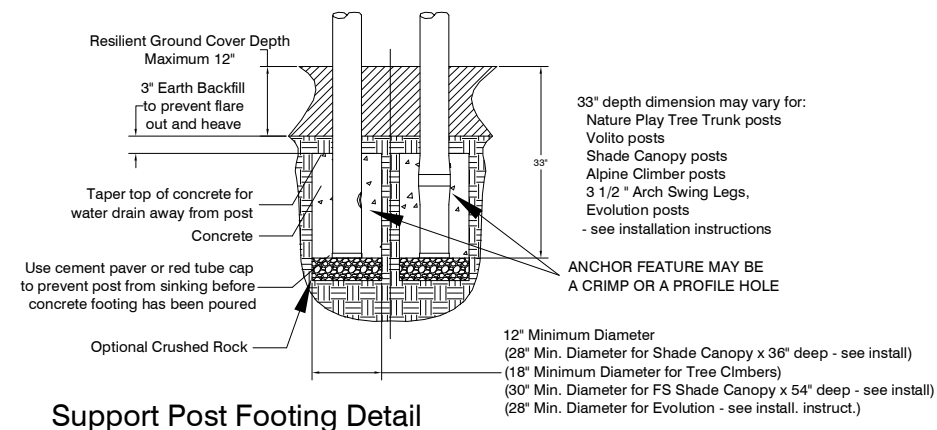
Designer: Brandy Janke



FOOTING LEGEND

- Support Post Identifier & Footing
- Nature Play Tree House Post Identifier
- Component Footing

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SERIES LINE:

GRO UP:

Freestanding

DESIGNED FOR AGES:

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Upton Park

Waukegan, IL 60085-2012

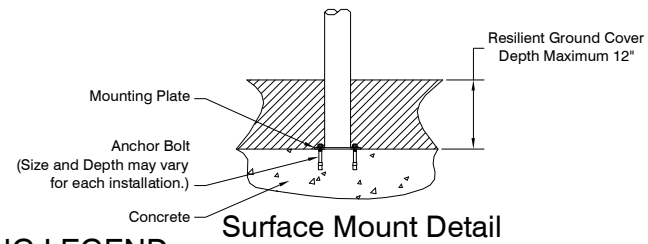
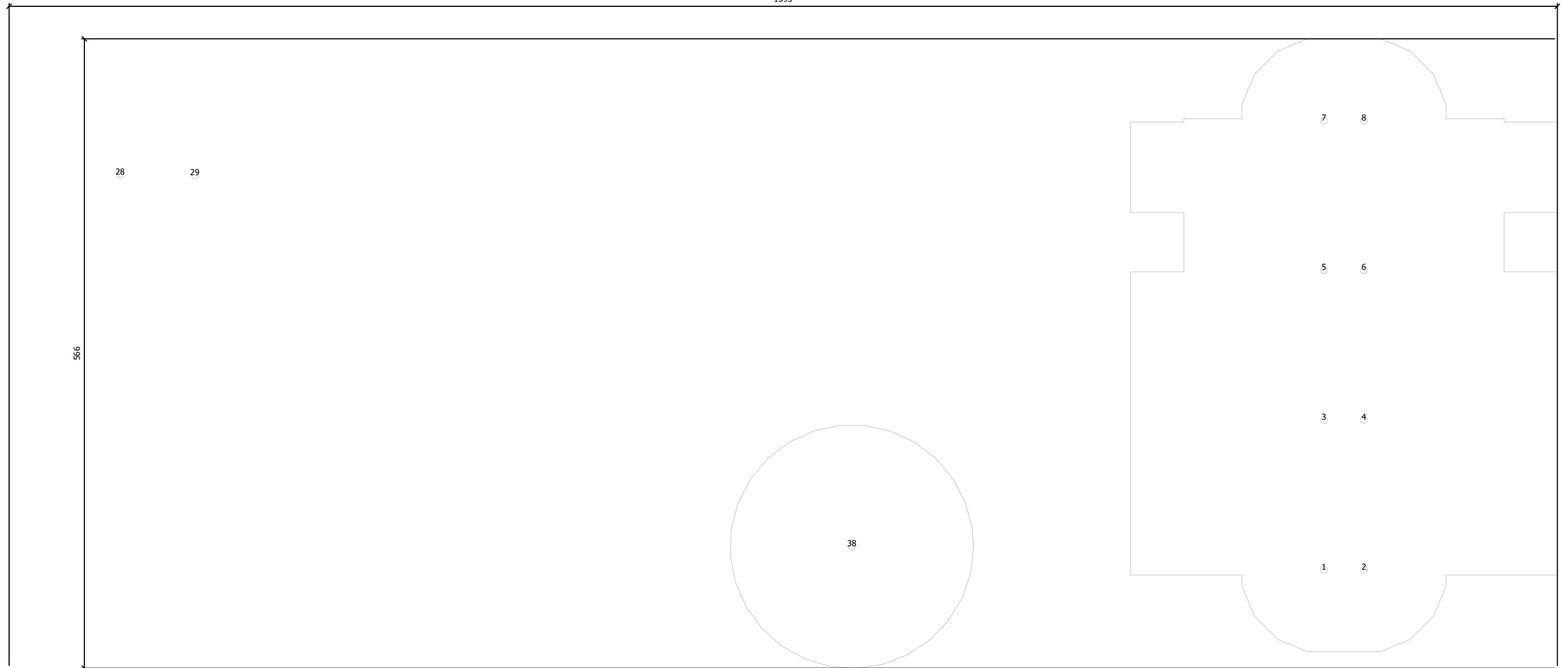


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Play Illinois, LLC

129-182554-3

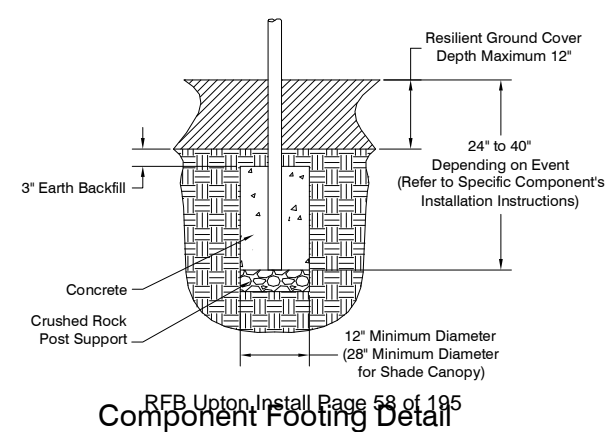
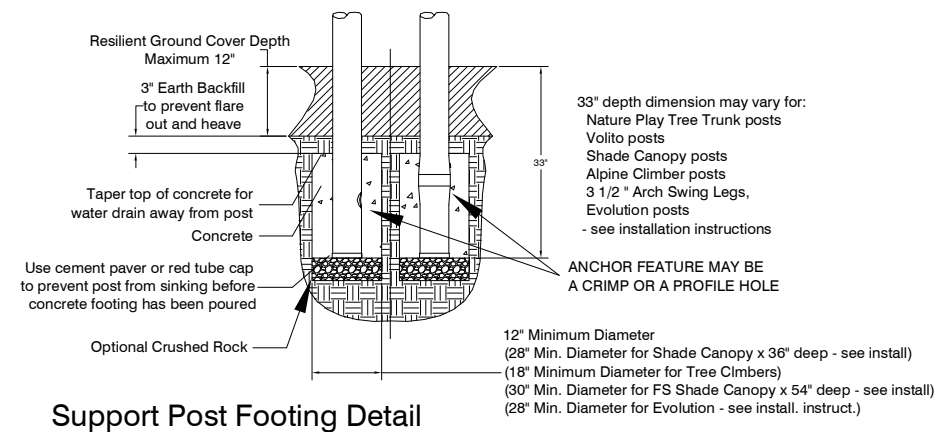
Designer: Brandy Janke

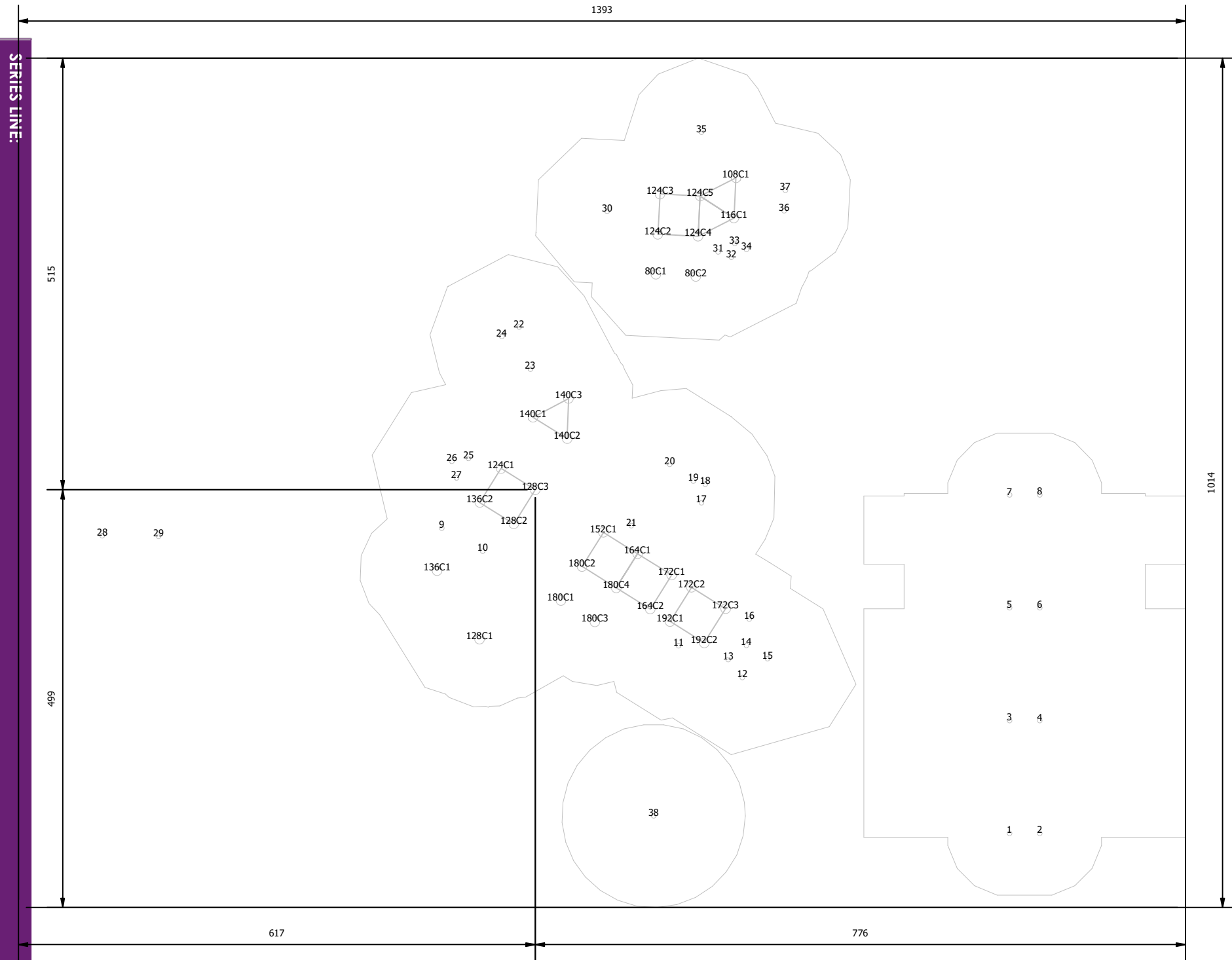


FOOTING LEGEND

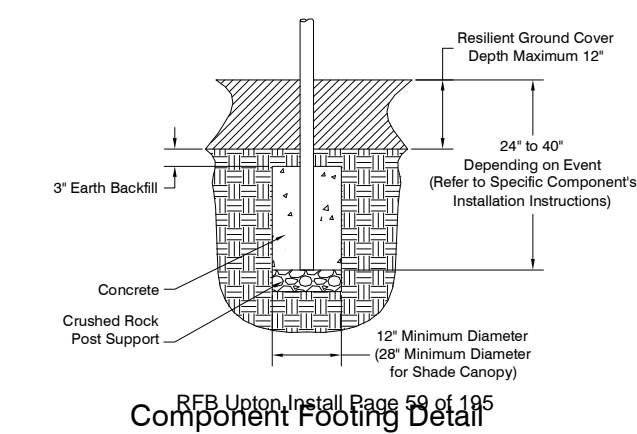
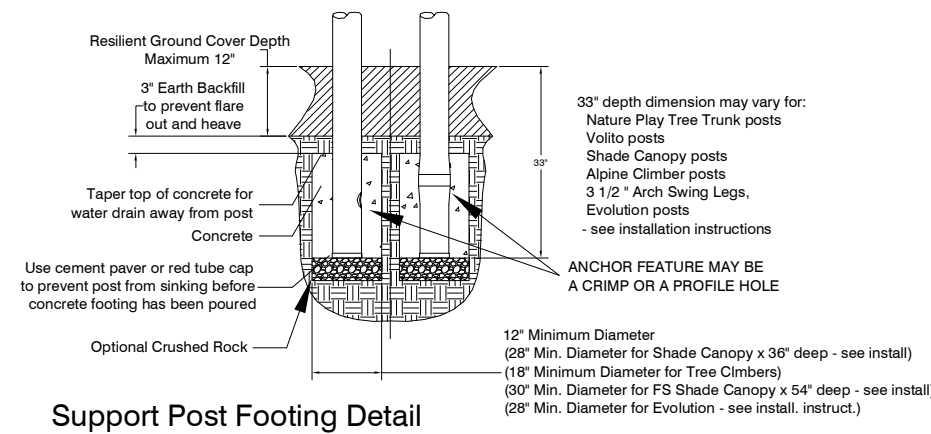
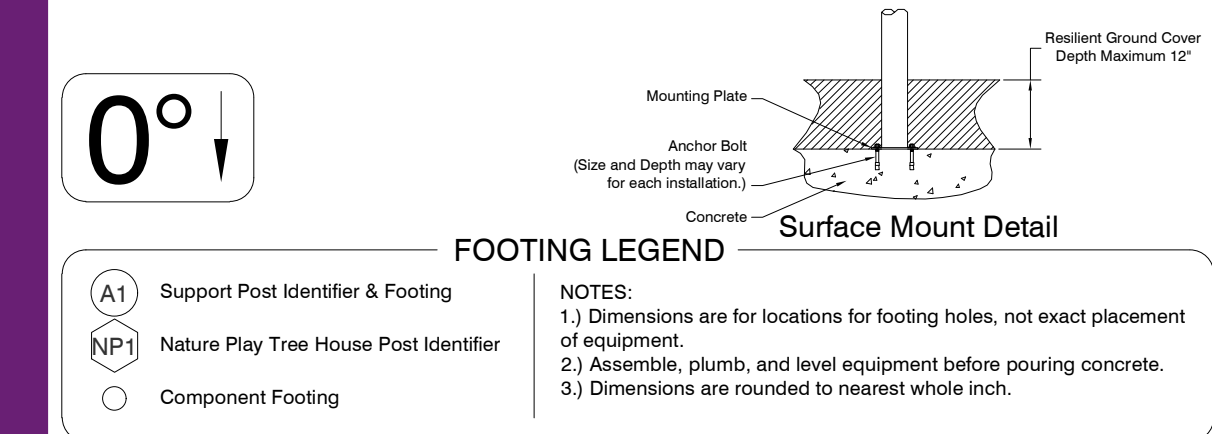
- Support Post Identifier & Footing
- Nature Play Tree House Post Identifier
- Component Footing

NOTES:
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Type	Label	X	Y	Hyp/Diag	Type	Label	X	Y	Hyp/Diag
Post	108C1	20' 0"	31' 0"	36' 11"	Non-Post	26	-8' 3"	2' 10"	8' 9"
Post	116C1	19' 9"	27' 0"	33' 6"	Non-Post	27	-7' 10"	1' 2"	7' 11"
Post	124C1	-3' 5"	2' 1"	4' 0"	Non-Post	28	-43' 1"	-4' 7"	43' 4"
Post	124C2	12' 2"	25' 5"	28' 2"	Non-Post	29	-37' 6"	-4' 8"	37' 9"
Post	124C3	12' 5"	29' 5"	31' 11"	Non-Post	30	7' 2"	27' 8"	28' 7"
Post	124C4	16' 2"	25' 3"	30' 0"	Non-Post	31	18' 2"	23' 8"	29' 10"
Post	124C5	16' 5"	29' 3"	33' 6"	Non-Post	32	19' 6"	23' 1"	30' 3"
Post	128C1	-5' 6"	-14' 10"	15' 10"	Non-Post	33	19' 10"	24' 6"	31' 6"
Post	128C2	-2' 1"	-3' 5"	4' 0"	Non-Post	34	21' 0"	23' 11"	31' 10"
Post	128C3	0' 0"	0' 0"	0' 0"	Non-Post	35	16' 6"	35' 7"	39' 3"
Post	136C1	-9' 9"	-8' 1"	12' 8"	Non-Post	36	24' 9"	27' 9"	37' 2"
Post	136C2	-5' 6"	-1' 3"	5' 8"	Non-Post	37	24' 10"	29' 9"	38' 10"
Post	140C1	0' 3"	7' 2"	7' 3"	Non-Post	38	11' 9"	-32' 5"	34' 6"
Post	140C2	3' 2"	5' 1"	6' 0"					
Post	140C3	3' 4"	9' 1"	9' 8"					
Post	152C1	6' 9"	-4' 3"	8' 0"					
Post	164C1	10' 2"	-6' 4"	12' 0"					
Post	164C2	11' 5"	-11' 10"	16' 6"					
Post	172C1	13' 7"	-8' 6"	16' 0"					
Post	172C2	15' 6"	-9' 9"	18' 4"					
Post	172C3	18' 11"	-11' 10"	22' 4"					
Post	180C1	2' 7"	-11' 0"	11' 4"					
Post	180C2	4' 8"	-7' 8"	8' 11"					
Post	180C3	5' 11"	-13' 2"	14' 5"					
Post	180C4	8' 1"	-9' 9"	12' 8"					
Post	192C1	13' 5"	-13' 1"	18' 9"					
Post	192C2	16' 10"	-15' 3"	22' 8"					
Post	80C1	12' 0"	21' 5"	24' 7"					
Post	80C2	16' 0"	21' 3"	26' 7"					
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Non-Post	2	50' 2"	-34' 2"	60' 8"					
Non-Post	3	47' 2"	-21' 0"	52' 6"					
Non-Post	4	50' 2"	-21' 0"	55' 2"					
Non-Post	5	47' 2"	-11' 9"	48' 7"					
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Non-Post	7	47' 2"	0' 6"	47' 2"					
Non-Post	8	50' 2"	0' 6"	50' 2"					
Non-Post	9	-9' 4"	-3' 10"	10' 1"					
Non-Post	10	-5' 3"	-6' 1"	8' 0"					
Non-Post	11	14' 3"	-15' 6"	21' 1"					
Non-Post	12	20' 7"	-18' 8"	27' 10"					
Non-Post	13	19' 2"	-16' 11"	25' 7"					
Non-Post	14	21' 0"	-15' 6"	26' 1"					
Non-Post	15	23' 1"	-16' 10"	28' 7"					
Non-Post	16	21' 4"	-12' 10"	24' 11"					
Non-Post	17	16' 6"	-1' 3"	16' 7"					
Non-Post	18	16' 11"	0' 7"	16' 11"					
Non-Post	19	15' 9"	0' 10"	15' 9"					
Non-Post	20	13' 5"	2' 6"	13' 7"					
Non-Post	21	9' 7"	-3' 7"	10' 2"					
Non-Post	22	-1' 7"	16' 2"	16' 3"					
Non-Post	23	0' 6"	12' 0"	12' 0"					
Non-Post	24	-3' 4"	15' 3"	15' 7"					
Non-Post	25	-6' 7"	3' 1"	7' 4"					



SERIES LINE:
 GRO UP:
 5-1-2 Structure | 2-1-2 Structure | Freestanding
 Upton Park
 Waukegan, IL 60085-2012
 04/05/2024
 Play Illinois, LLC
 129-182554-3
 Designer: Brandy Janke

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DESIGNED FOR AGES:
 PLAY THAT MOVES YOU

SERIES LINE:

GRO UP:

5-12 Structure

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012

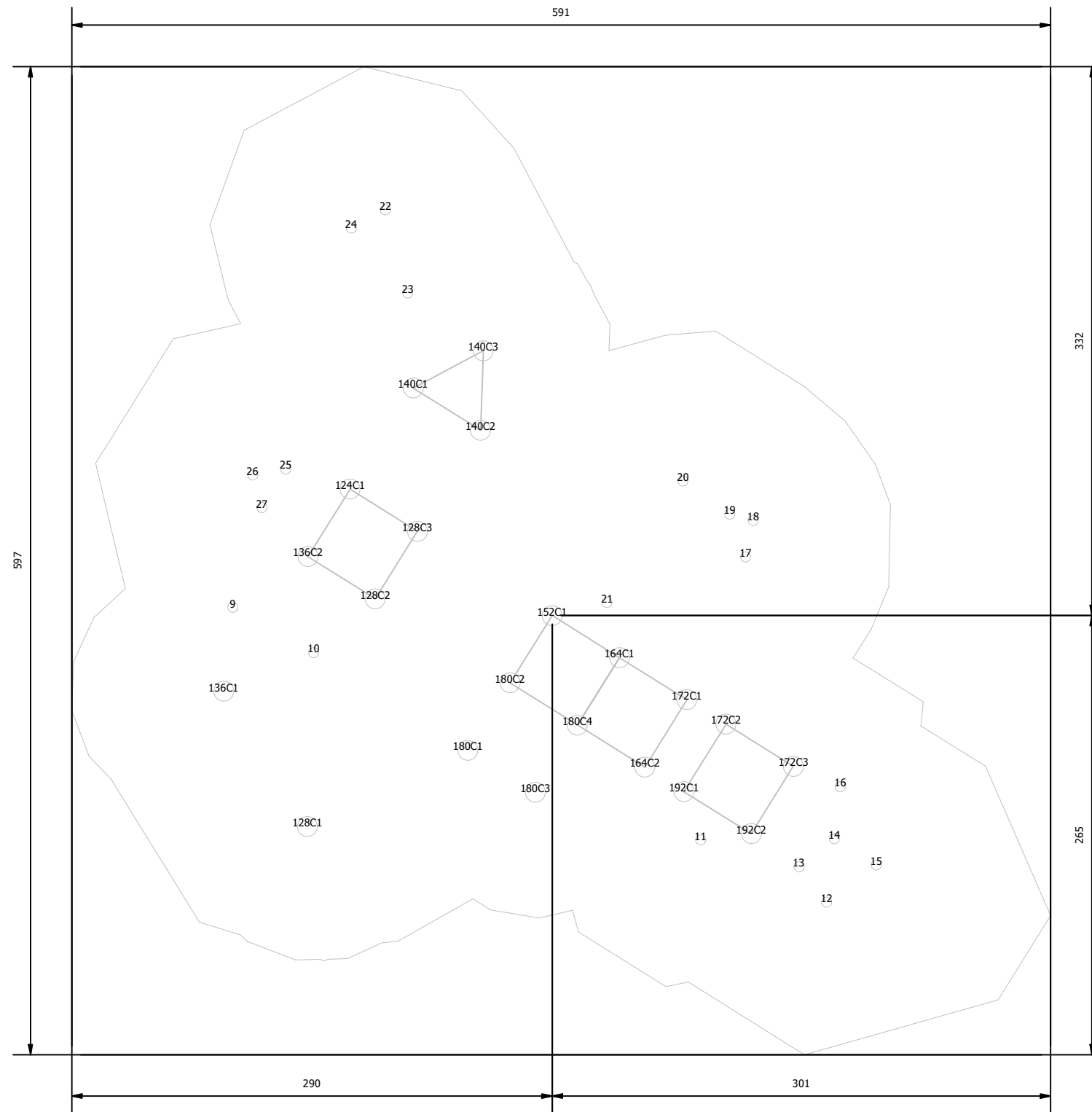
04/05/2024

Play Illinois, LLC

Designer: Brandy Janke

129-182554-3

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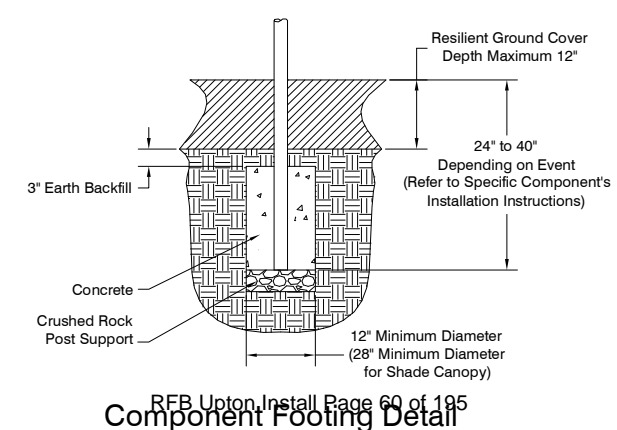
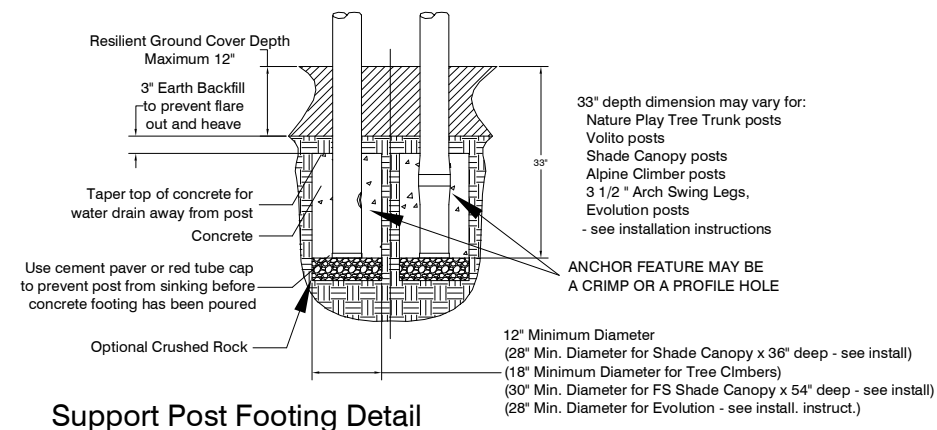
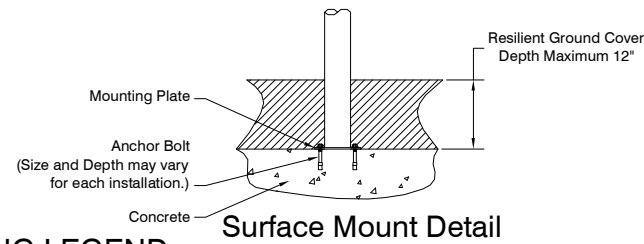
Type	Label	X	Y	Hyp/Diag
Post	124C1	-10' 2"	6' 4"	12' 0"
Post	128C1	-12' 4"	-10' 7"	16' 3"
Post	128C2	-8' 11"	0' 10"	8' 11"
Post	128C3	-6' 9"	4' 3"	8' 0"
Post	136C1	-16' 6"	-3' 10"	17' 0"
Post	136C2	-12' 4"	3' 0"	12' 8"
Post	140C1	-5' 0"	11' 5"	13' 5"
Post	140C2	-3' 7"	9' 4"	10' 0"
Post	140C3	-3' 6"	13' 4"	13' 9"
Post	152C1	0' 0"	0' 0"	0' 0"
Post	164C1	3' 5"	-2' 1"	4' 0"
Post	164C2	4' 8"	-7' 8"	8' 11"
Post	172C1	6' 9"	-4' 3"	8' 0"
Post	172C2	8' 9"	-5' 6"	10' 4"
Post	172C3	12' 2"	-7' 7"	14' 4"
Post	180C1	-4' 3"	-6' 9"	8' 0"
Post	180C2	-2' 1"	-3' 5"	4' 0"
Post	180C3	0' 10"	-8' 11"	8' 11"
Post	180C4	1' 3"	-5' 6"	5' 8"
Post	192C1	6' 8"	-8' 10"	11' 1"
Post	192C2	10' 0"	-9' 0"	14' 10"
Non-Post	9	-16' 1"	0' 5"	16' 1"
Non-Post	10	-12' 0"	-1' 10"	12' 2"
Non-Post	11	7' 6"	-11' 4"	13' 7"
Non-Post	12	13' 10"	-14' 5"	20' 0"
Non-Post	13	12' 5"	-12' 8"	17' 9"
Non-Post	14	14' 3"	-11' 3"	18' 1"
Non-Post	15	16' 4"	-12' 7"	20' 7"
Non-Post	16	14' 6"	-8' 7"	16' 11"
Non-Post	17	9' 9"	2' 11"	10' 2"
Non-Post	18	10' 2"	4' 9"	11' 2"
Non-Post	19	8' 11"	5' 1"	10' 4"
Non-Post	20	6' 7"	6' 9"	9' 5"
Non-Post	21	2' 9"	0' 8"	2' 10"
Non-Post	22	-8' 5"	20' 5"	22' 1"
Non-Post	23	-7' 3"	16' 3"	17' 9"
Non-Post	24	-10' 1"	19' 6"	22' 0"
Non-Post	25	-13' 5"	7' 4"	15' 4"
Non-Post	26	-15' 1"	7' 1"	16' 8"
Non-Post	27	-14' 7"	5' 5"	15' 7"



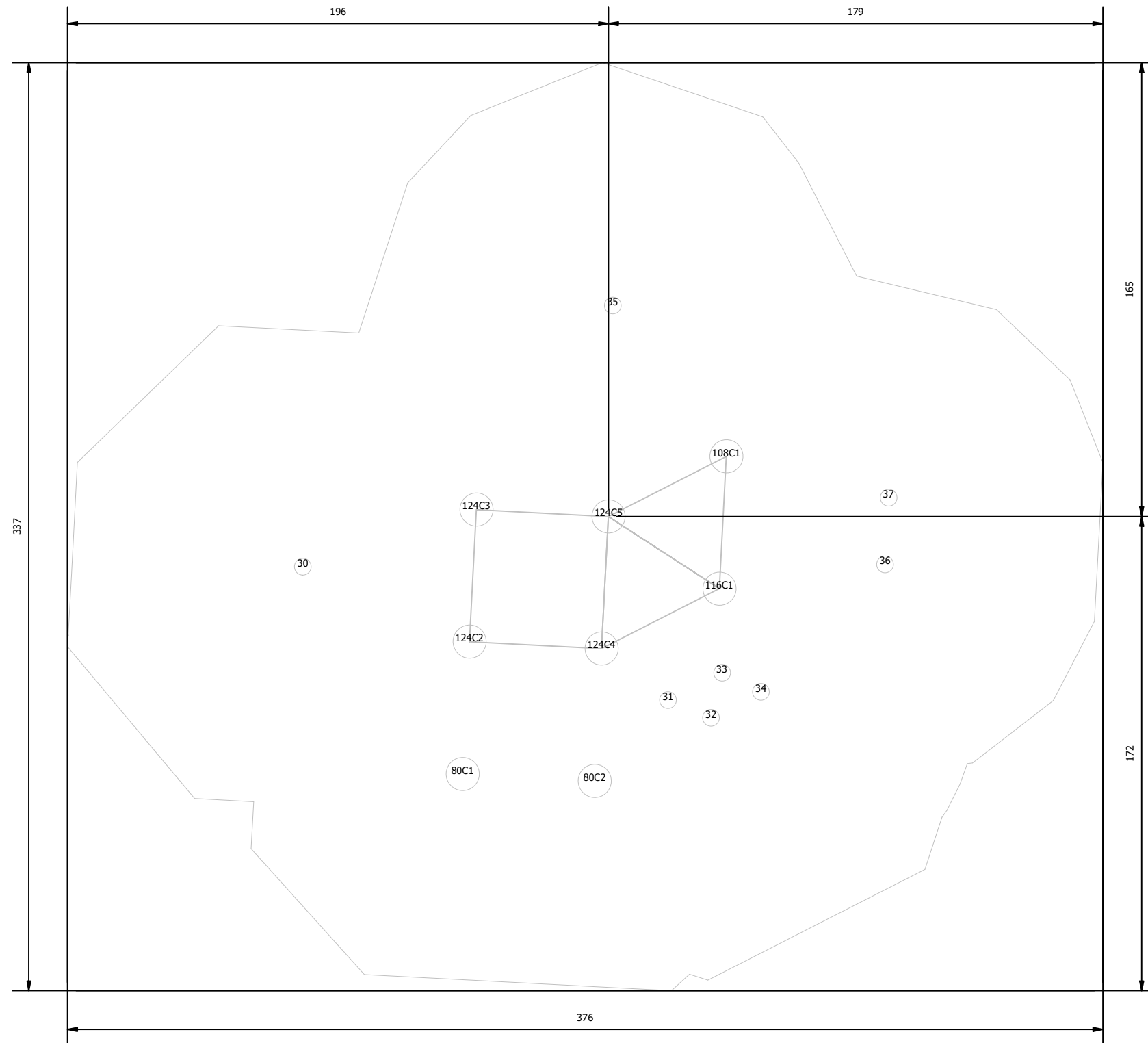
FOOTING LEGEND

- A1 Support Post Identifier & Footing
- NP1 Nature Play Tree House Post Identifier
- Component Footing

NOTES:
 1.) Dimensions are for locations for footing holes, not exact placement of equipment.
 2.) Assemble, plumb, and level equipment before pouring concrete.
 3.) Dimensions are rounded to nearest whole inch.



Type	Label	X	Y	Hyp/Diag
Post	108C1	3' 7"	1' 10"	4' 0"
Post	116C1	3' 4"	-2' 2"	4' 0"
Post	124C2	-4' 2"	-3' 9"	5' 8"
Post	124C3	-2' 0"	0' 3"	4' 0"
Post	124C4	0' 3"	-2' 0"	4' 0"
Post	124C5	0' 0"	0' 0"	0' 0"
Post	80C1	-4' 5"	-7' 9"	8' 11"
Post	80C2	0' 5"	-6' 0"	8' 0"
Non-Post	30	-9' 3"	-1' 6"	9' 4"
Non-Post	31	1' 10"	-5' 7"	5' 10"
Non-Post	32	3' 1"	-6' 1"	6' 10"
Non-Post	33	3' 5"	-4' 9"	5' 10"
Non-Post	34	4' 7"	-5' 4"	7' 0"
Non-Post	35	0' 2"	6' 4"	6' 5"
Non-Post	36	8' 4"	-1' 5"	8' 6"
Non-Post	37	8' 6"	0' 7"	8' 6"



SERIES LINE:

GRO UP:
2-12 Structure

DESIGNED FOR AGES:

Upton Park

Waukegan, IL 60085-2012



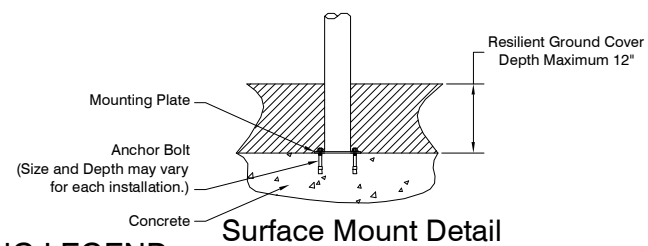
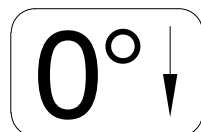
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Designer: Brandy Janke

Play Illinois, LLC

129-182554-3

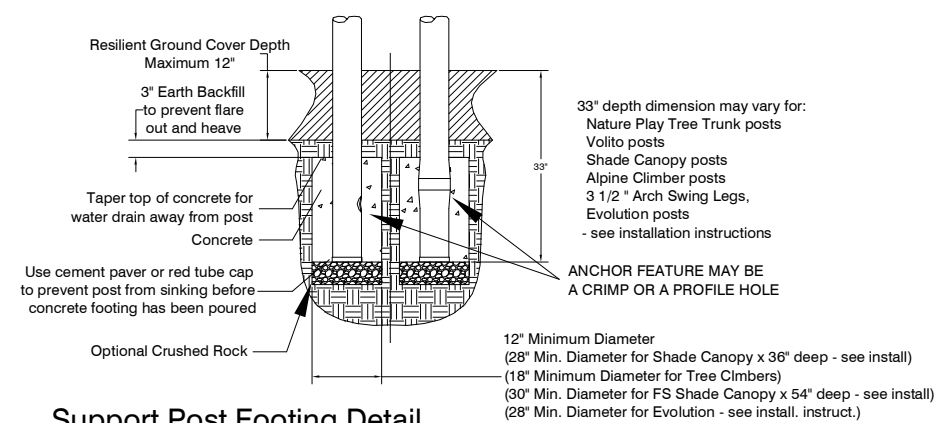
04/05/2024



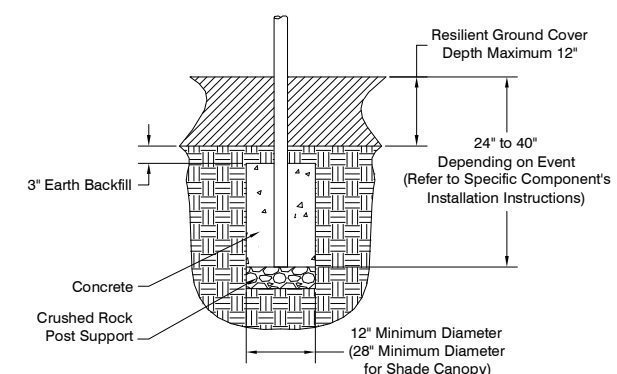
FOOTING LEGEND

- A1 Support Post Identifier & Footing
- NP1 Nature Play Tree House Post Identifier
- Component Footing

NOTES:
 1.) Dimensions are for locations for footing holes, not exact placement of equipment.
 2.) Assemble, plumb, and level equipment before pouring concrete.
 3.) Dimensions are rounded to nearest whole inch.

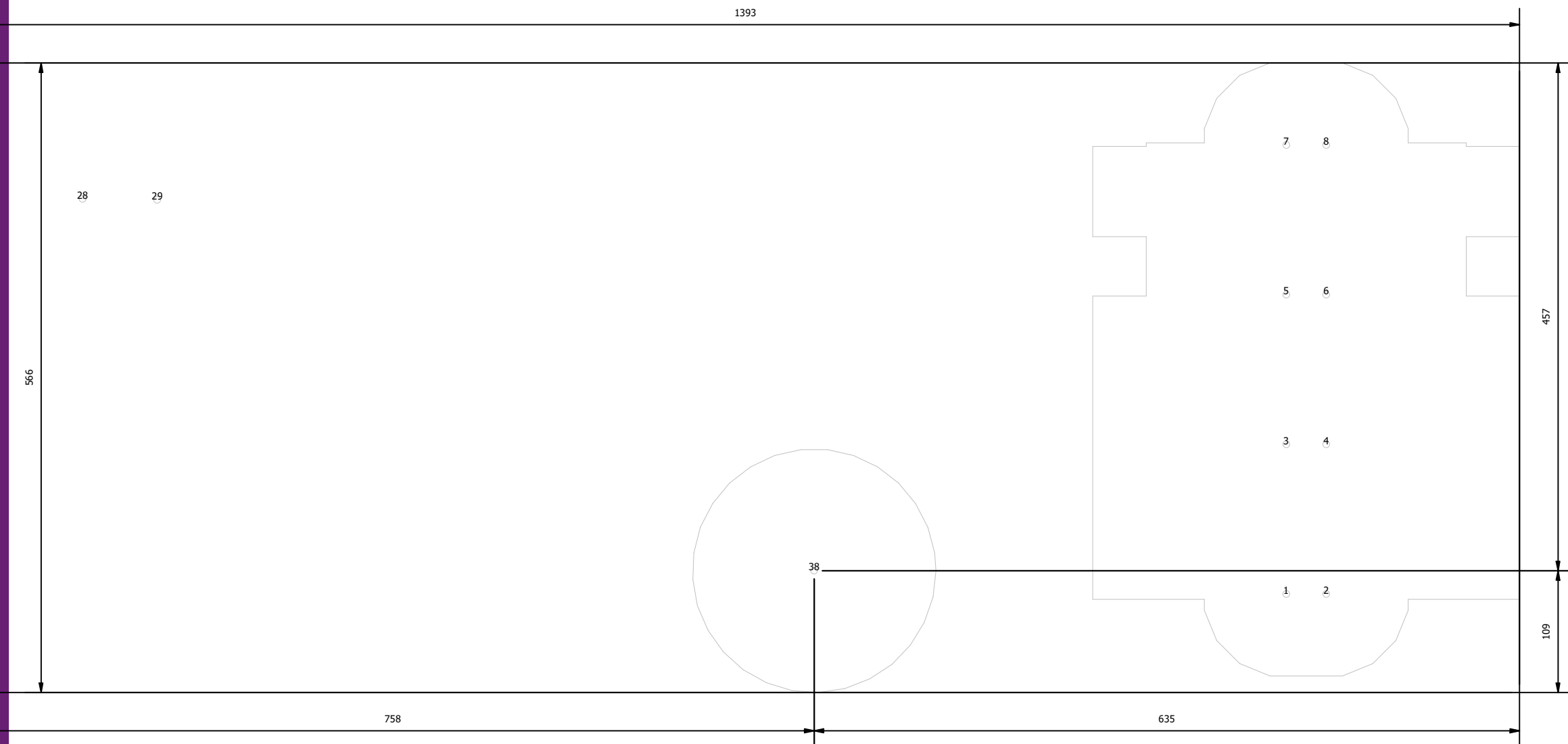


Support Post Footing Detail

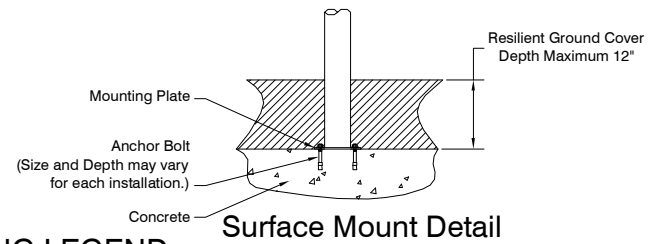
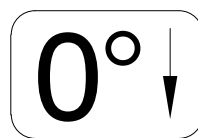


Component Footing Detail

Type	Label	X	Y	Hyp/Diag
Non-Post	1	35' 5"	-1' 9"	35' 5"
Non-Post	2	38' 5"	-1' 9"	38' 5"
Non-Post	3	35' 5"	9' 6"	36' 8"
Non-Post	4	38' 5"	9' 6"	39' 7"
Non-Post	5	35' 5"	20' 8"	41' 0"
Non-Post	6	38' 5"	20' 8"	43' 7"
Non-Post	7	35' 5"	31' 11"	47' 8"
Non-Post	8	38' 5"	31' 11"	49' 11"
Non-Post	28	-54' 10"	27' 10"	61' 6"
Non-Post	29	-49' 3"	27' 10"	56' 7"
Non-Post	38	0' 0"	0' 0"	0' 0"



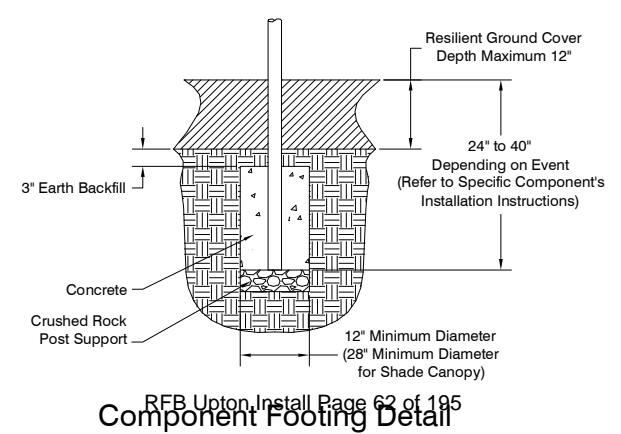
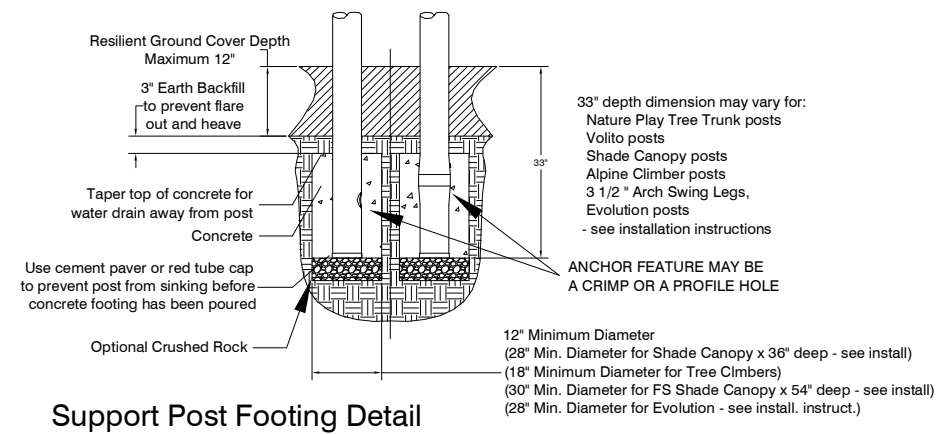
SERIES LINE
GRO UP:
 Freestanding
DESIGNED FOR AGES:
 Upton Park
 Waukegan, IL 60085-2012
Burke
 PLAY THAT MOVES YOU
 BCI BURKE COMPANY, LLC | PO BOX 549 FOND DU LAC, WI 54936-0549 | 920.921.9220 | BCI@BURKE.COM
 Play Illinois, LLC
 129-182554-3
 Designer: Brandy Janke
 04/05/2024



FOOTING LEGEND

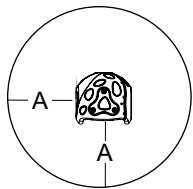
- A1 Support Post Identifier & Footing
- NP1 Nature Play Tree House Post Identifier
- Component Footing

NOTES:
 1.) Dimensions are for locations for footing holes, not exact placement of equipment.
 2.) Assemble, plumb, and level equipment before pouring concrete.
 3.) Dimensions are rounded to nearest whole inch.





Assembly View



Equipment Use Zone
A - (ASTM) 72 in. (1829 mm)
(CSA) 1829 mm
(EN) 2000 mm

Installation Instructions

Playworld Systems® Model XX0483








Cozy Cocoon

Spinning Post Mount

Installation Preparation

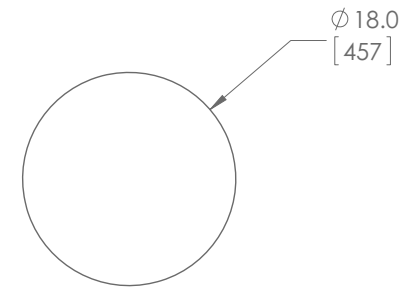
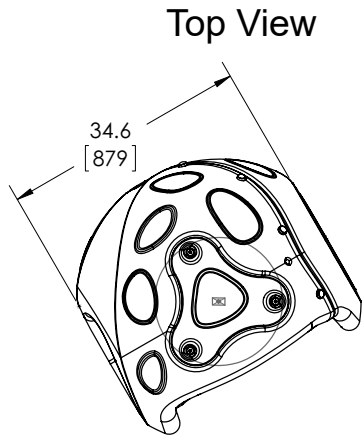
Recommended Crew: Two (2) adults
 Installation Time: 1.5 man-hours
 Concrete Required: 0.13 cubic yard (0,10 cubic meters)
 Use Zone: Refer to information below
 User Group Age (years): ASTM/CSA: 2-12, EN: 2-14

ICON KEY

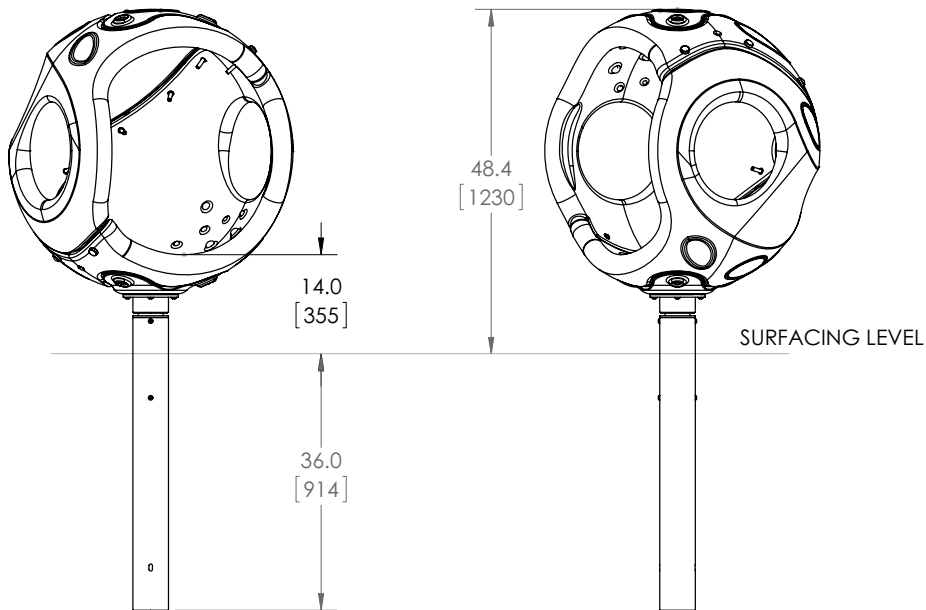
	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]



Footing Diagram



Elevation Views

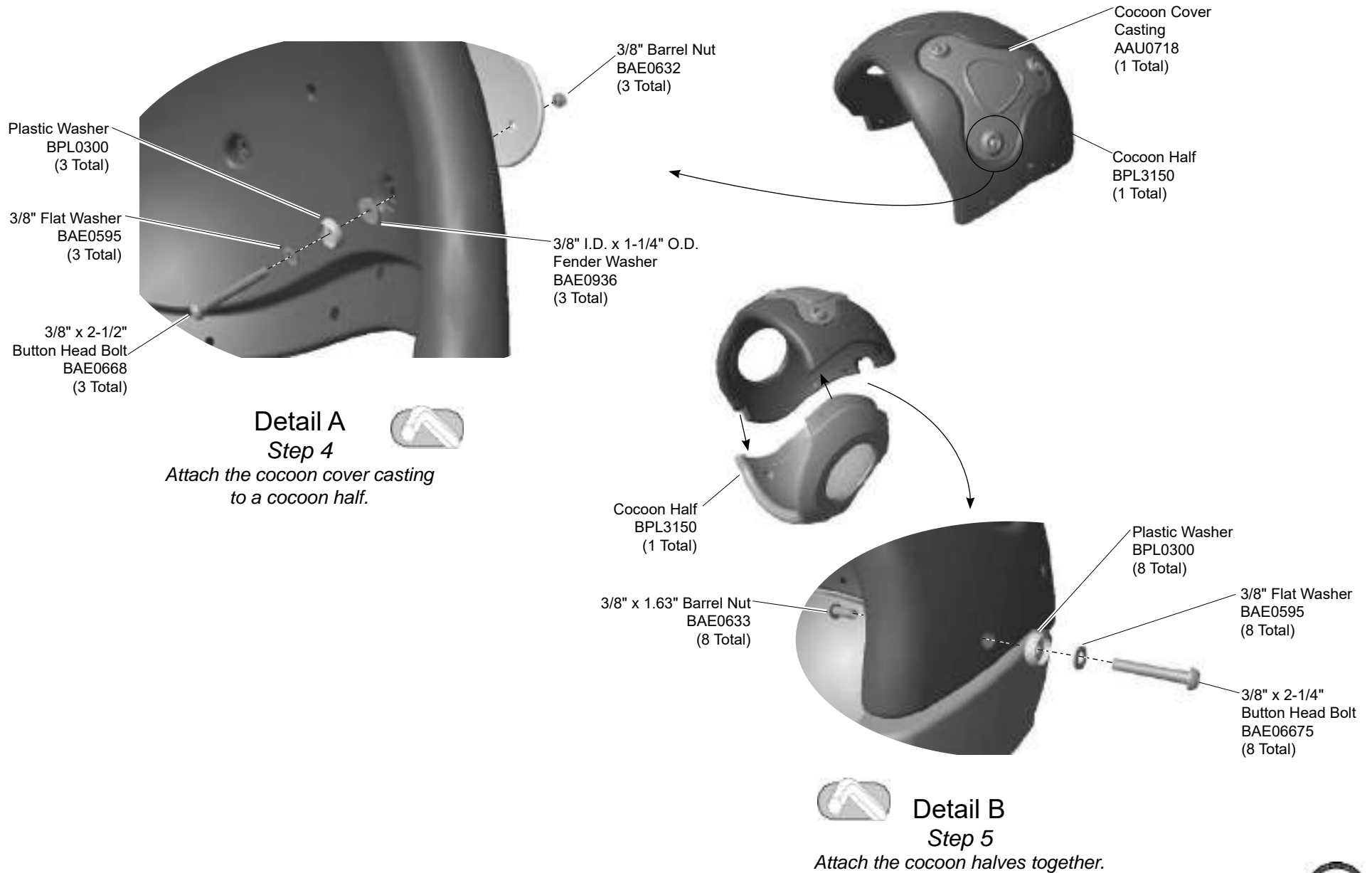


ASTM/CSA: 14" (356 mm)
EN: 48.4" (1245 mm)



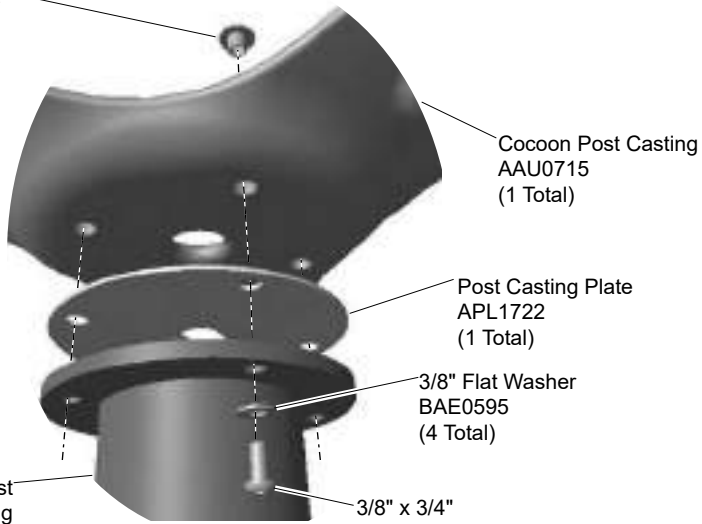
Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 5.



Installation Instructions

3/8" Button Head Nut
BAE0663
(4 Total)



3/8" x 3/4"
Button Head Bolt
BAE0659
(4 Total)

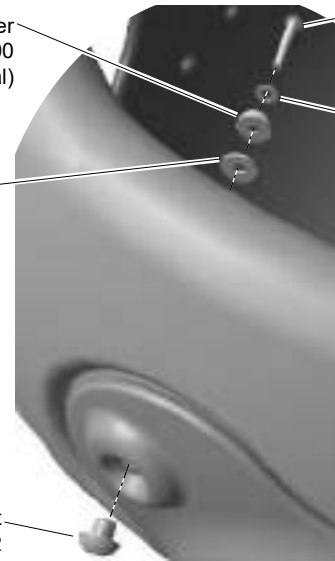
Detail C Step 6

Attach the cocoon support post to the cocoon post casting.



Plastic Washer
BPL0300
(3 Total)

3/8" I.D. x 1-1/4" O.D.
Fender Washer
BAE0936
(3 Total)



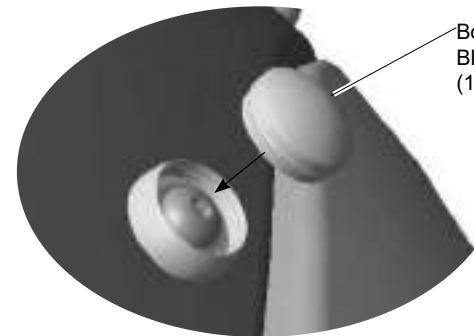
3/8" x 2-1/2"
Button Head Bolt
BAE0668
(3 Total)

3/8" Flat Washer
BAE0595
(3 Total)

3/8" Barrel Nut
BAE0632
(3 Total)

Detail D Step 7

Attach the cocoon support post assembly to the bottom of the cocoon.



Bolt Cap
BPL0300
(14 Total)

Detail E Step 9

Insert the bolt caps into the plastic washers.

Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete. Do not install bolt caps until the structure is completely assembled and properly footed.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate the footing as shown in the **Footing Details** in the *Annex* at the end of this document. Use the **Support Post** footing detail for the cocoon support post.

Step 4: Attach the cocoon cover casting to a cocoon half. See **Detail A**. Insert the casting onto a cocoon half and attach as shown. Fully tighten the connections according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

Step 5: Attach the cocoon halves together. See **Detail B**. Place the two cocoon halves together and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 6: Attach the cocoon support post w/ bearing to the cocoon post casting. See **Detail C**. Position the support post and casting plate against the bottom of the cocoon post casting and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 7: Attach the cocoon support post assembly to the bottom of the cocoon. See **Detail D**. Place support post assembly against the bottom of the cocoon and attach as shown. Fully tighten the connections according to tightening torque specifications.

Final Details.

Step 8: Plumb and level the component in it's footing. Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Step 9: Select plastic bolt caps and press into the plastic washers. See **Detail E**.

Hint: The bolt caps install more easily when they are warm.

Step 10: For areas complying with ASTM standard F1487 or the CSA Z-614, apply the age appropriate label to the component at eye level or at a visible location.



XX0483 - COZY COCOON SPINNING POST MOUNT

PART NO.	DESCRIPTION	QTY.
AAU0715	COCOON MOUNT (POST/BEARING)	1
AAU0718	COCOON COVER	1
APL1722	PLATE - 7.75" O.D. x 12 GA	1
ASY0258	ASSY - COCOON BEARING	1
BAE0595	WASHER - 3/8" SAE FLAT	18
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	6
BAE0633	NUT - 3/8"-16 x 1.63 BARREL	8
BAE0659	BOLT - 3/8"-16 x .75" BUTTON HEAD - SS	4
BAE0663	NUT - 3/8"-16 x 7/16" BUTTON HEAD	4
BAE0668	BOLT - 3/8"-16 x 2.50" BUTTON HEAD - SS	6
BAE0922	TOOL - TT 45 L WRENCH	2
BAE0936	WASHER - 3/8" I.D. x 1-1/4" O.D. FENDER	6
BAE06675	BOLT - 3/8"-16 x 2.25" BUTTON HEAD - SS	8
BPL0300	CAP - 3/8" BOLT	14
BPL3150	COCOON	2


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For Customer Service, Call
800-233-8404 or
570-522-9800 OUTSIDE U.S.
1000 Buffalo Road • Lewisburg, PA 17837
www.playworldsystems.com



Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Plastic Parts

- Inspect all plastic surfaces for sharp points, cracks or jagged edges. If any damage is detected and is determined to be unsafe, barricade equipment to prevent use until repair is completed. Minor burrs or sharp edges may be removed by using a sharp utility knife or block plane to remove sharp burr.

Castings

- Inspect the aluminum castings to insure they are properly secured to the component.
- Visually inspect the castings for cracks or breakage. If any damage is detected, barricade the equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage. To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

Footings

- Inspect component to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Refer to the specific surfacing maintenance detail sheet for additional information.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance

Playworld Systems® Model XX0483

Cozy Cocoon

Spinning Post Mount



Inspection Form

Preventive Maintenance

... for Safety's Sake!

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect plastic parts for damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect metal parts for structural and finish damage.	Medium			
Inspect surfacing to insure proper depth and distribution.	High			
Inspect footing to insure support is secure and footing is not damaged.	Low			

Inspection Codes

P = Pass **F** = Fail
NA = Not Applicable

Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___



Installation Information

Bill of Materials, Drawings,
Equipment Guidelines,
and Assembly Instructions

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intentionally left blank.





Bill of Materials

PART NO.	DESCRIPTION	QTY.
AUNH9600	HARDWARE FOR MAINT KIT / TOOLS & SRVC KIT	1
BAD6000	4.5 OZ AEROSOL TOUCH-UP PAINT	2
BAD6010	AEROSOL RUST-RESISTANT PRIMER PAINT	1

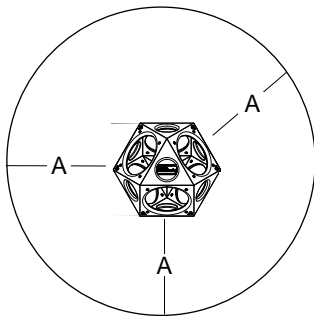
Installation Instructions

Universal Model UN1471
Installer Hardware Kit





Assembly View (representative model)




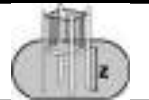





Equipment Use Zone
A - (ASTM) 72 in. (1830 mm)
(CSA) 1800 mm
(EN) 1500 mm

Installation Instructions

Universal Models UN8727 and UN8727S
Ground Level PlayCube
In-Ground and Surface Mount

Installation Preparation

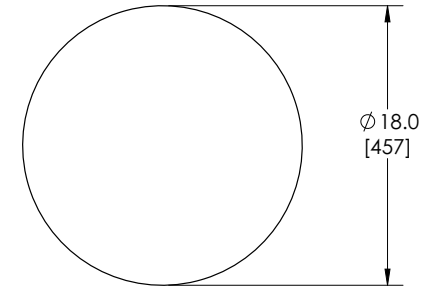
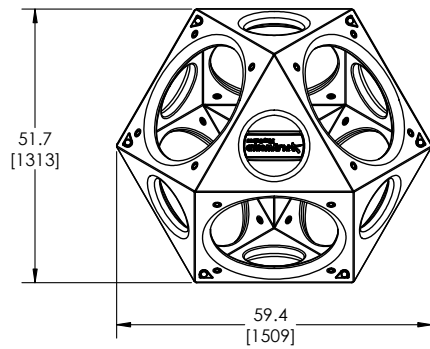
Recommended Crew: Two (2) adults
Installation Time (In-Ground):..... 1.5 man-hours
Installation Time (Surface Mount): 1 man-hour
Concrete Required: 0.12 cubic yard (0,09 cubic meters)
Use Zone:..... See the master layout drawing
User Group Age (single cube):..... ASTM: 2-12, CSA: 1.5-12, EN: 2-14
User Group Age (multiple cubes): ASTM/CSA: 5-12, EN: 6-14

ICON KEY			
	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

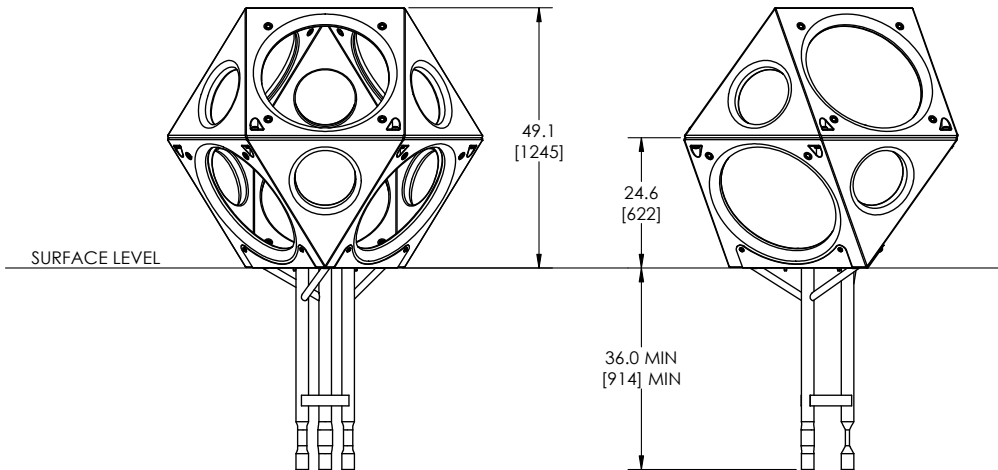
Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

Top View



Footring Diagram



49" (1245 mm)
Footed as shown

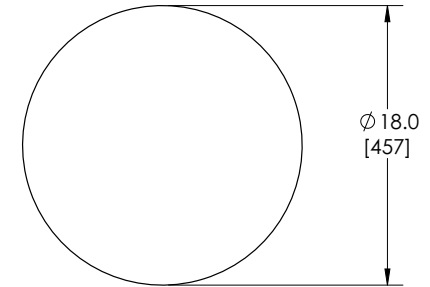
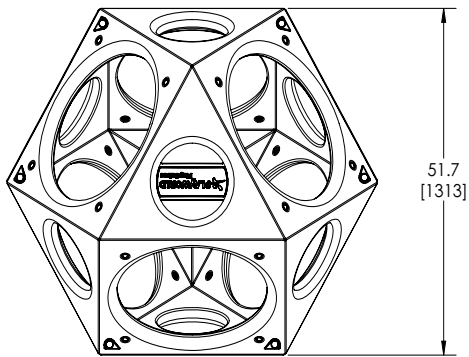
Elevation Views
UN8727



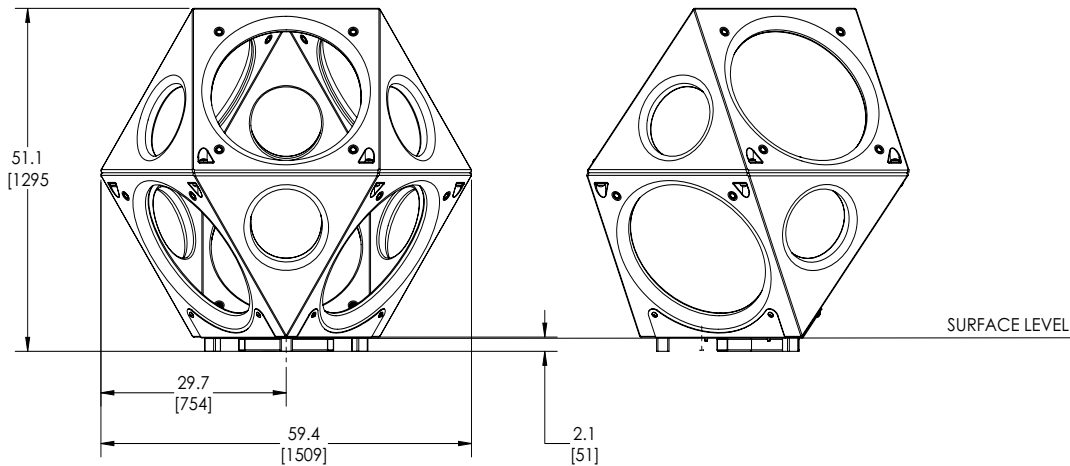
Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

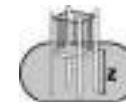
Top View



Footing Diagram



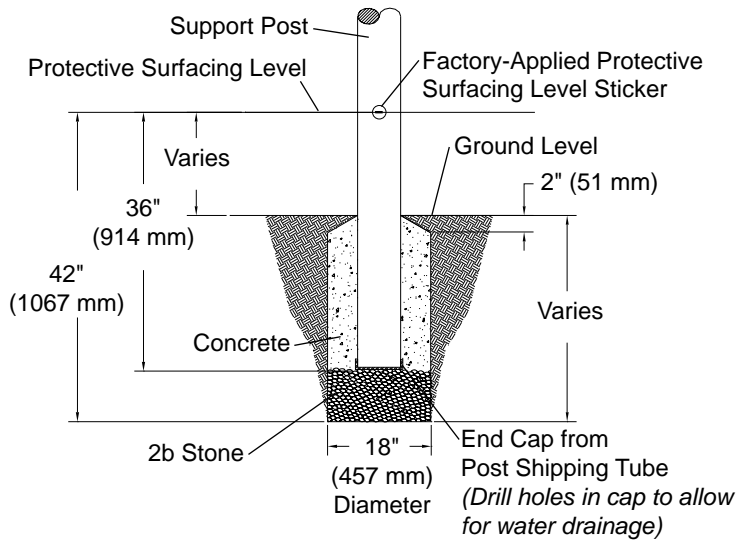
Elevation Views
UN8727S



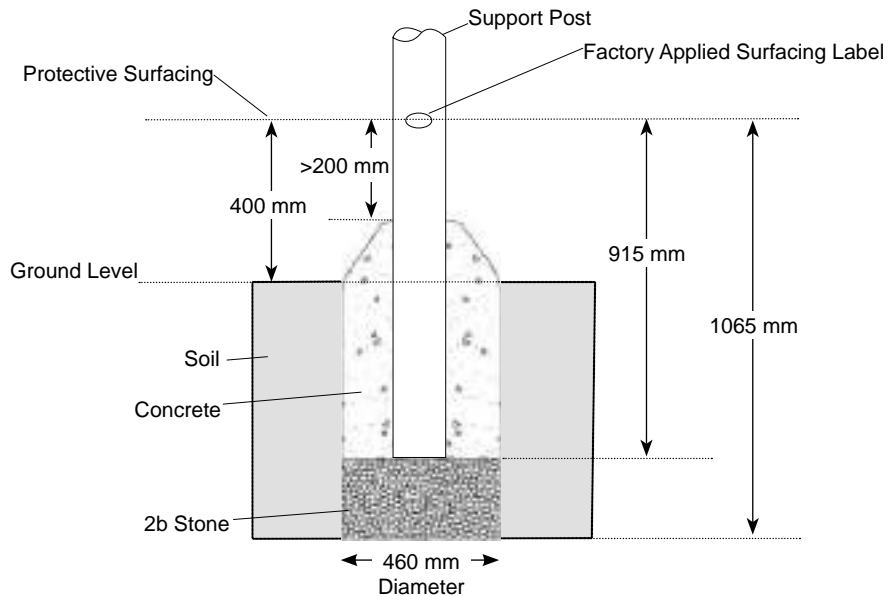
49" (1245 mm)
Footed as shown



Installation Instructions



Support Post Footing Detail (ASTM/CSA)



Footing Detail Support Post (EN)

FOOTING NOTES

- Support post footing depth equals 42 in. (1067 mm) less the depth of the protective surfacing material. The post is designed to have 24" (610 mm) in concrete.

Example: If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 30 in. (762 mm).

GroundZero® posts are footed 12 in. (305 mm) deeper than the regular support posts, and will be marked as such on the master footing diagram.

- Most support posts and component support legs will have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.

- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.

- Do not encase bottom of support post in concrete. Place post directly on packed stone.

- The footings shown on Playworld Systems' documentation are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by the owner based on actual soil conditions.

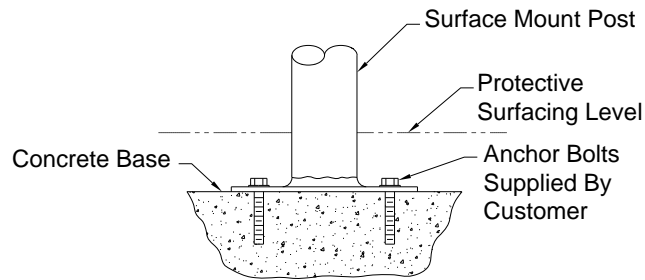
For example:

- If local soil is loose or unstable, a larger footing may be required.
- If local soil is considered stable, such as bedrock, clay or hard packed earth, a smaller footing may be used. Before changing footing dimensions, we strongly recommend that the footings be reviewed and approved by a registered engineer.

- Base of footing must be below frost line.

- Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.

Installation Instructions



Surface Mount Footing Detail

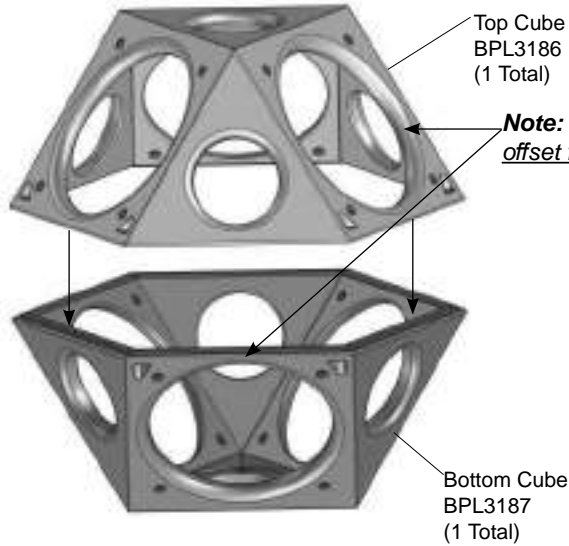
FOOTING NOTES

- All support posts and component support legs may have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Footing size may vary due to local soil and weather conditions.
- Base of footing must be below frost line.
- Comparison of protective surfacing materials is available in [Handbook for Public Playground Safety](#) published by U. S. Consumer Product Safety Commission.

Surface mount hardware is not supplied. Customer is responsible for concrete base and providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 10.

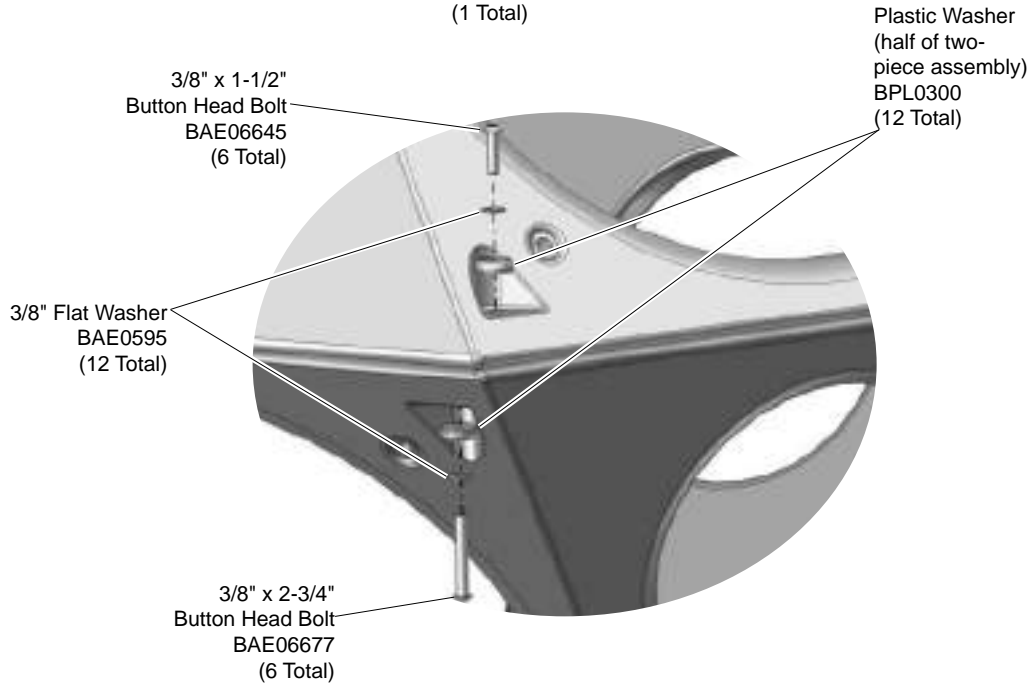


Note: Large holes in the cubes are offset from each other.

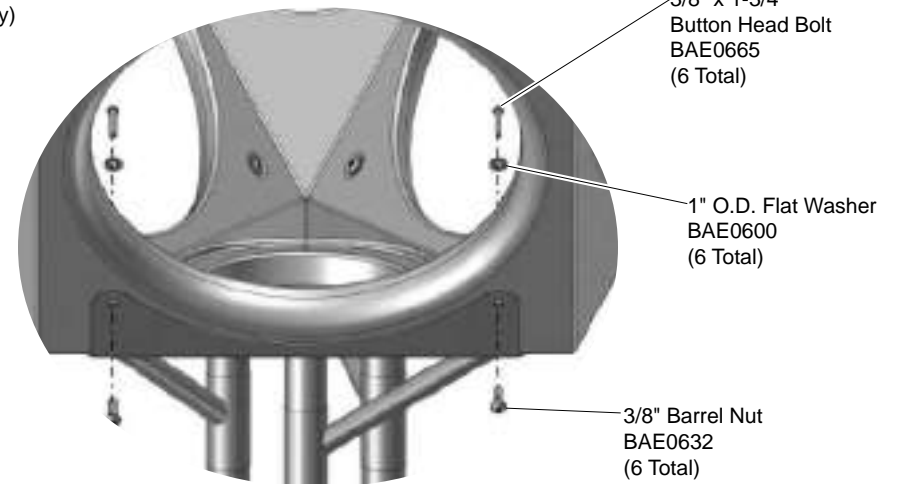
Detail A

Step 4

Attach the top cube to the bottom cube.



Anchor Post
AFR1820
(1 Total)



Detail B

Step 5

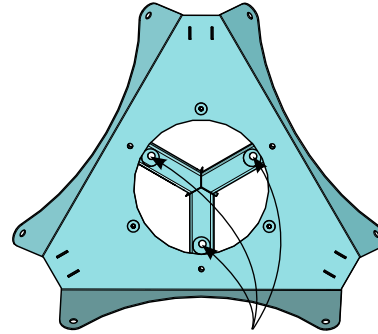
(In-Ground Model)

Attach the anchor post to the bottom cube.



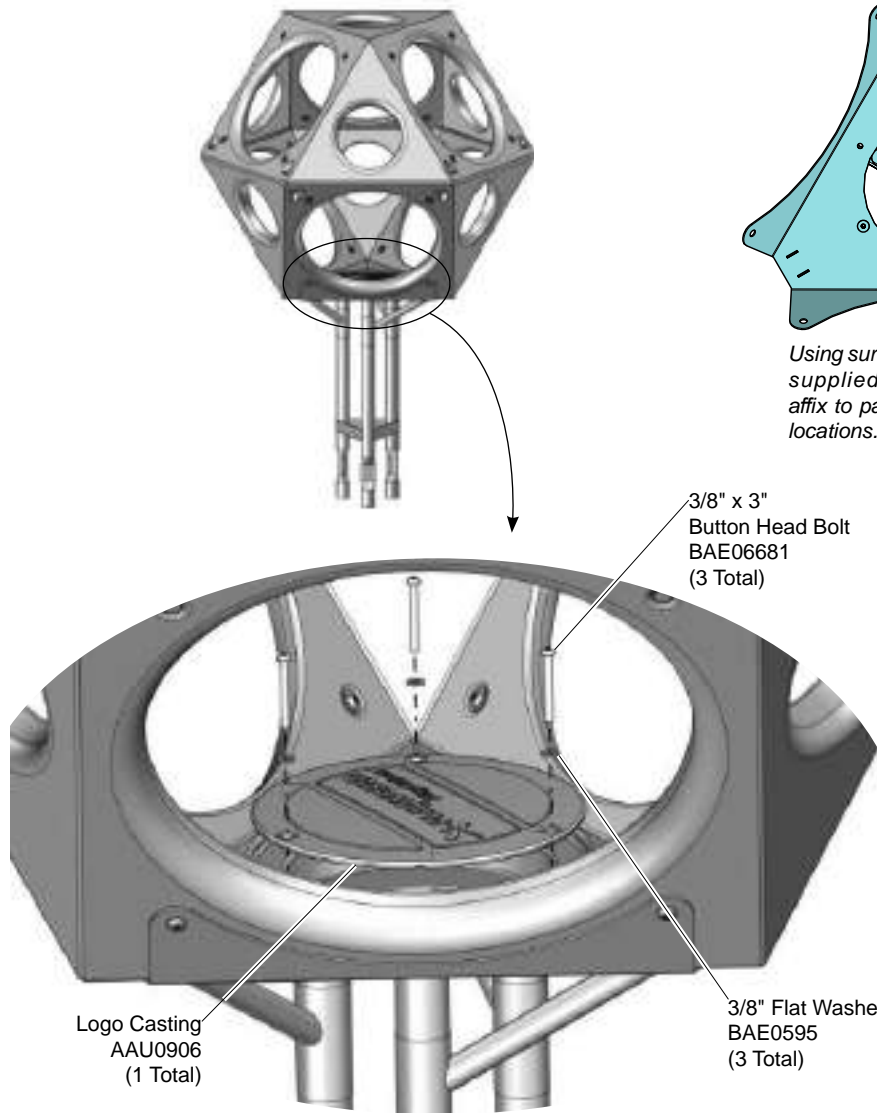
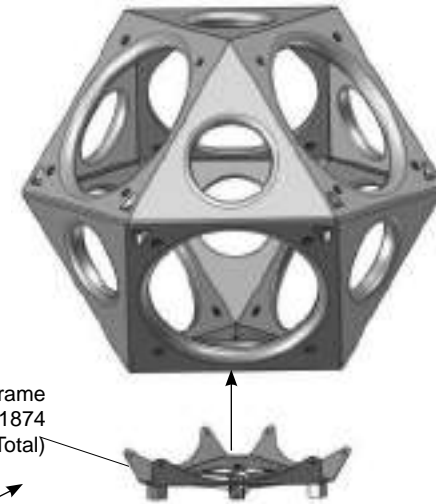
Installation Instructions

Top View of AFR1874



Using surface mount hardware supplied by the customer, affix to pad at the three footer locations.

Anchor Frame AFR1874 (1 Total)



Logo Casting AAU0906 (1 Total)

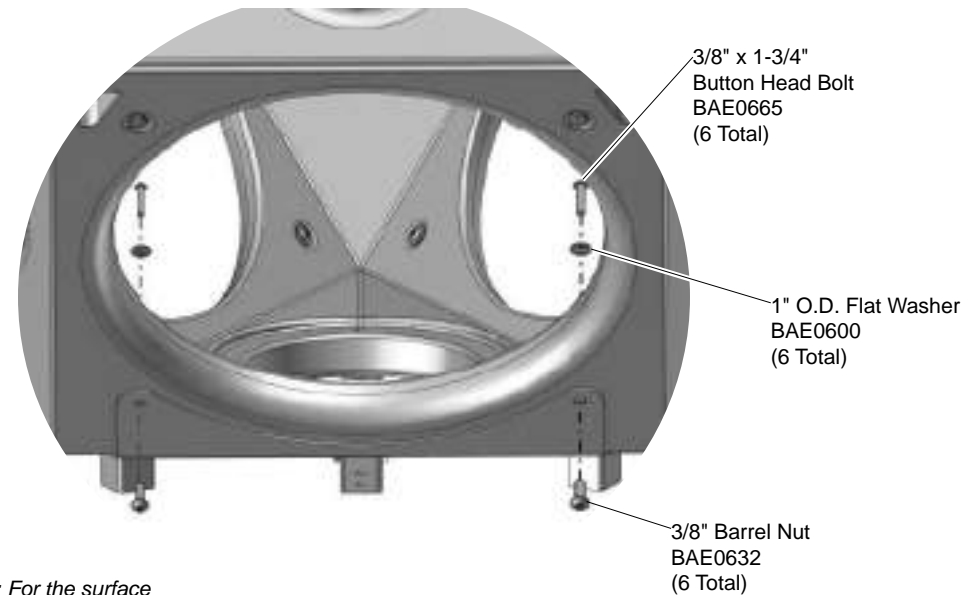
3/8" x 3" Button Head Bolt BAE06681 (3 Total)

3/8" Flat Washer BAE0595 (3 Total)

Detail C
Step 6

(In-Ground Model)

Attach the logo casting to the bottom cube.



3/8" x 1-3/4" Button Head Bolt BAE0665 (6 Total)

1" O.D. Flat Washer BAE0600 (6 Total)

3/8" Barrel Nut BAE0632 (6 Total)

Detail D
Step 7

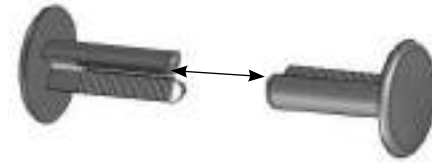
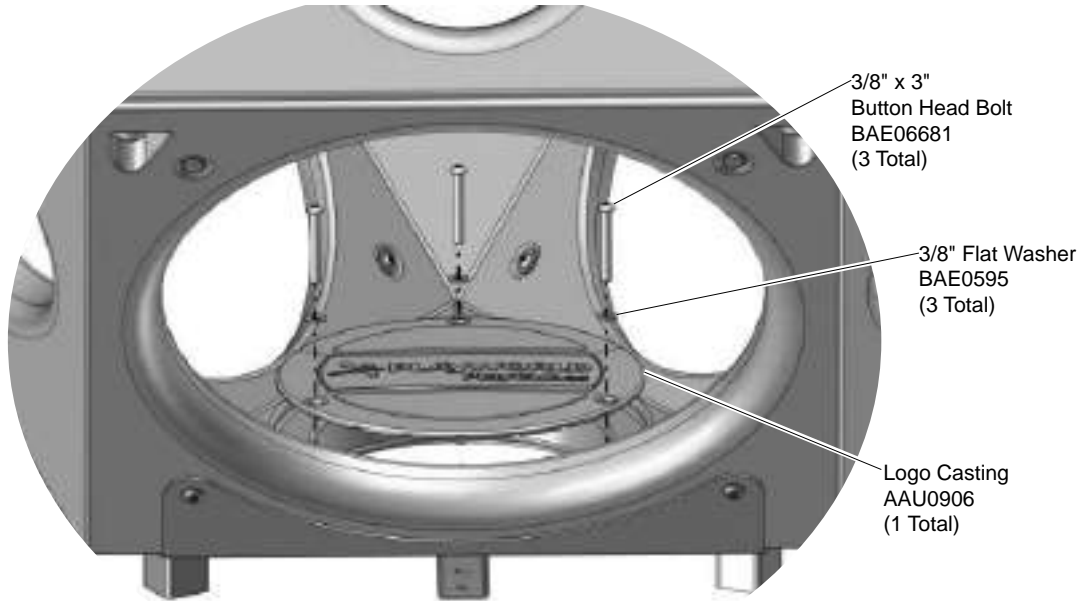
(Surface Mount Model)

Attach the anchor frame to the bottom cube.

Note: For the surface mount model do not attach the logo casting until the component has been secured on its footing.



Installation Instructions

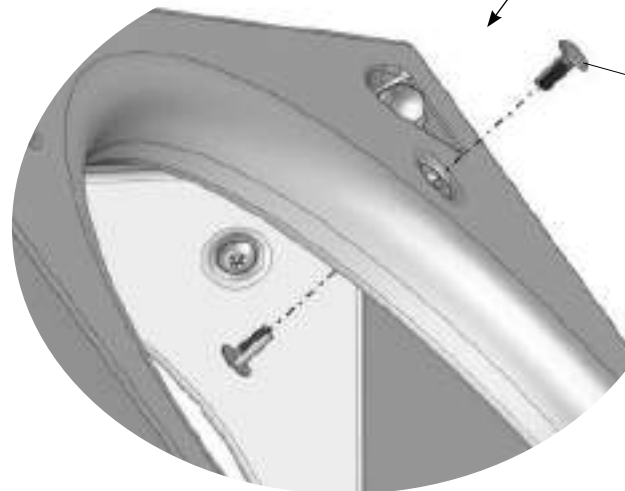
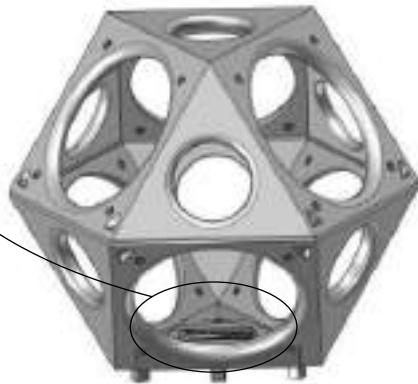


Align rivets as shown so they interlock.

Detail E
Step 9



(Surface Mount Model)
Attach the logo casting to the bottom cube.



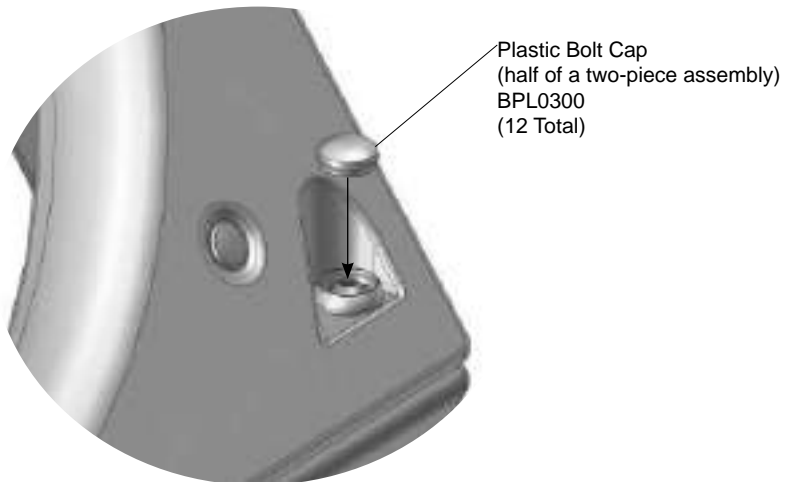
Ratchet Rivet
BPL3194
(28 Total if attaching to another cube)
(36 Total if not attaching to another cube)

Detail F
Step 10

Fill in the unused holes **inside** and **outside** the ground level cube.



Installation Instructions



Detail G Step 11

Insert the bolt caps into the plastic washers.

Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete. Do not install bolt caps until the structure is completely assembled and properly footed.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate, or prepare, the footings as shown in the **Support Post Footing Details or Surface Mount Footing Detail** on pages 4 and 5 of this installation document.

Step 4: Attach the top cube to the bottom cube. See **Detail A**. Place the top cube onto the bottom cube making sure the large holes are offset and attach as shown. Fully tighten the connections according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

Note: Steps 5 and 6 refer only to the in-ground model.

Step 5: Attach the anchor post to the bottom cube. See **Detail B**. Position the top of the anchor post against the bottom of the cube assembly and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 6: Attach the logo casting to the bottom cube. See **Detail C**. Place the casting on the inside bottom of the cube assembly and attach as shown.

Note: Step 7 refers only to the surface mount model.

Step 7: Attach the anchor frame to the bottom cube. See **Detail D**. Position the top of the anchor frame against the bottom of the cube assembly and attach as shown.

Final Details.

Step 8: Finish assembling the structure. Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

In-Ground: Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Surface Mount: Bolt down all surface mount supports in accordance with specifications provided by your registered structural engineer.

Important Note: Surface mount hardware is not supplied. Customer is responsible for concrete base and for providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Hardware Note: Extra hardware is provided for attachment of an above ground PlayCube.

Step 9: Attach the logo casting to the bottom cube. See **Detail E**. Place the casting on the inside bottom of the cube assembly and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 10: Fill in the unused **inside** and **outside** holes in the ground level cube. See **Detail F**. After the equipment assembly is complete, install a ratchet rivet in each unused open hole in the cube. Insert the rivet into the hole and press in place. Make sure to insert the rivets so they interlock as shown in the reference.

Note: This step should be executed after structure has been assembled and properly footed.

Step 11: Insert the bolt caps into the plastic washers. See **Detail G**. Select the plastic caps and press over the plastic flanged washers.

Note: The plastic caps install easier when they are warm.

Step 12: For areas complying with ASTM standard F1487 or the CSA Z-614, apply the age appropriate label to the component at eye level.



UN8727 - GROUND LEVEL PLAYCUBE

PART NO.	DESCRIPTION	QTY.
AAU0906	CASTING - PLAYCUBES LOGO	1
AFR1820	POST - 32.48" x 28.44" x 42.28	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	WASHER - 1" O.D. FLAT	6
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	6
BAE0665	BOLT - 3/8"-16 x 1.75" BUTTON HEAD - SS	6
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BAE06681	BOLT - 3/8"-16 x 3.00" BUTTON HEAD - SS	3
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	36
ALB0025	LABEL - AGE APPROPRIATE SHEET	1

UN8727S - GROUND LEVEL PLAYCUBE SURFACE MOUNT

PART NO.	DESCRIPTION	QTY.
AAU0906	CASTING - PLAYCUBES LOGO	1
AFR1874	FRAME - 32.48" x 28.67" x 6.35"	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	WASHER - 1" O.D. FLAT	6
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	6
BAE0665	BOLT - 3/8"-16 x 1.75" BUTTON HEAD - SS	6
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BAE06681	BOLT - 3/8"-16 x 3.00" BUTTON HEAD - SS	3
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	36
ALB0025	LABEL - AGE APPROPRIATE SHEET	1



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Fasteners

- Inspect for loose fasteners. Tightening torque specifications are: Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Plastic Parts

- Inspect all plastic surfaces for sharp points, cracks or jagged edges. If any damage is detected and is determined to be unsafe, barricade equipment to prevent use until repair is completed. Minor burrs or sharp edges may be removed by using a sharp utility knife or block plane to remove sharp burr.

Castings

- Inspect the aluminum castings to insure they are properly secured to the component.
- Visually inspect the castings for cracks or breakage. If any damage is detected, barricade the equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage. To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

Footings

- Inspect component to be solid in, or on, the footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance

Universal

Models UN8727 and UN8727S

Ground Level PlayCube

In-Ground and Surface Mount



Inspection Form

Preventive Maintenance

... for Safety's Sake!

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect plastic parts for damage.	Medium			
Inspect surfacing to insure proper depth and distribution.	High			
Inspect metal parts for structural and finish damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect footing to insure support is secure and footing is not damaged.	Low			

Inspection Codes
P = Pass F = Fail
NA = Not Applicable

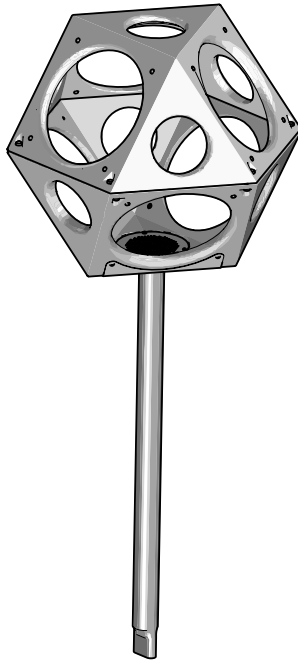
Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___





Assembly View (representative structure)

ATTENTION

For multiple Playcube configurations please refer to page 6 in the Installations instructions for ZZUN8742 & ZZUN8742S.








Installation Instructions

Universal Models UN8731 and UN8731S
Plastic Elevated PlayCube
In-Ground and Surface Mount

Installation Preparation

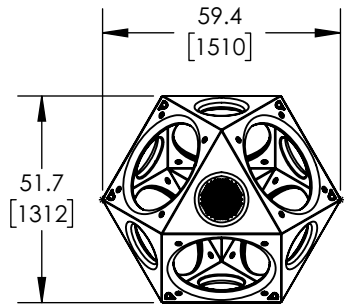
Recommended Crew: Two (2) adults
Installation Time (In-Ground):..... 1.5 man-hours
Installation Time (Surface Mount): 1 man-hour
Concrete Required: 0.12 cubic yard (0,09 cubic meters)
Use Zone:..... Refer to the Master Layout Drawing
User Group Age (years): ASTM/CSA: 5-12, EN: 6-14

ICON KEY

	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

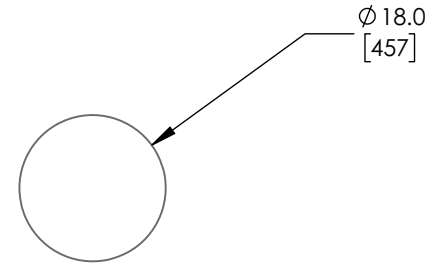
Installation Instructions

Top View

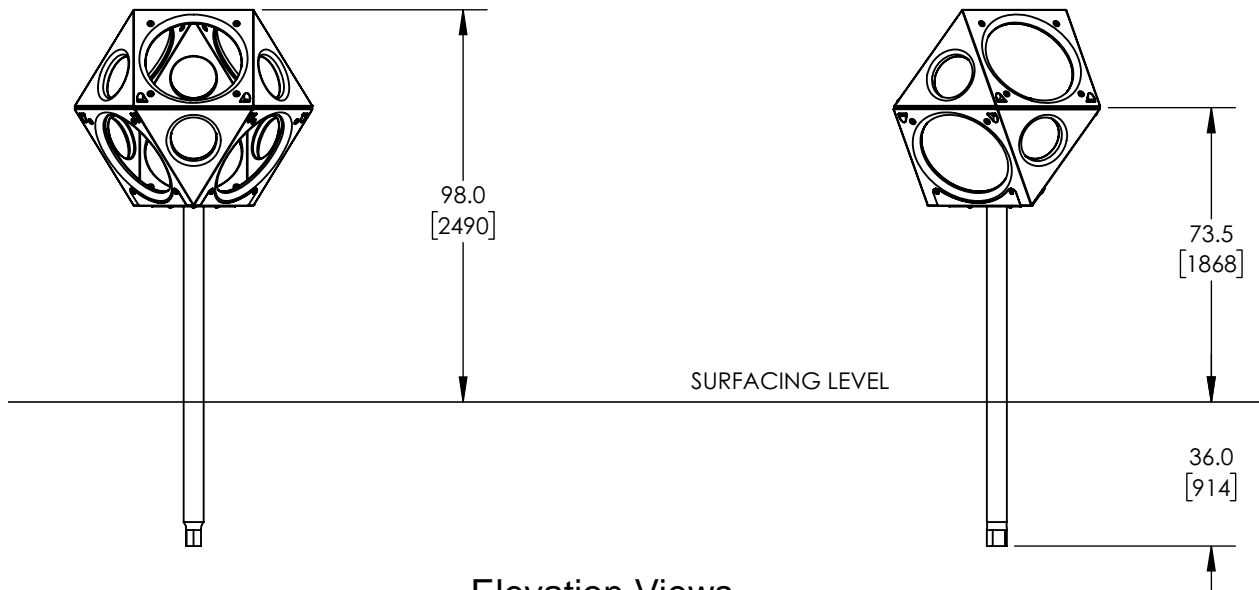


KEY

Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]



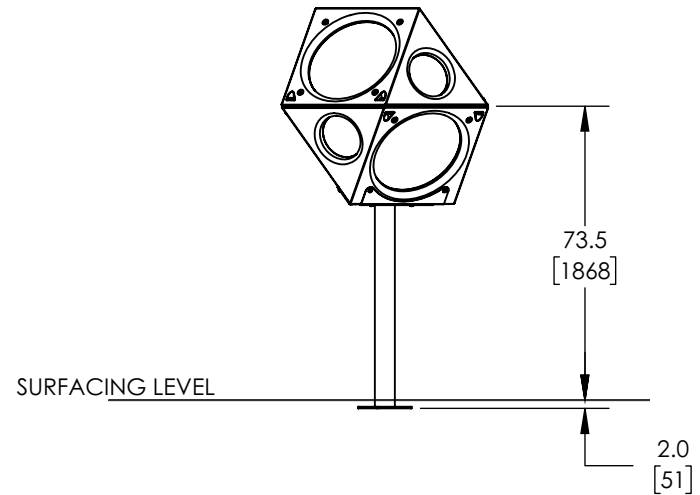
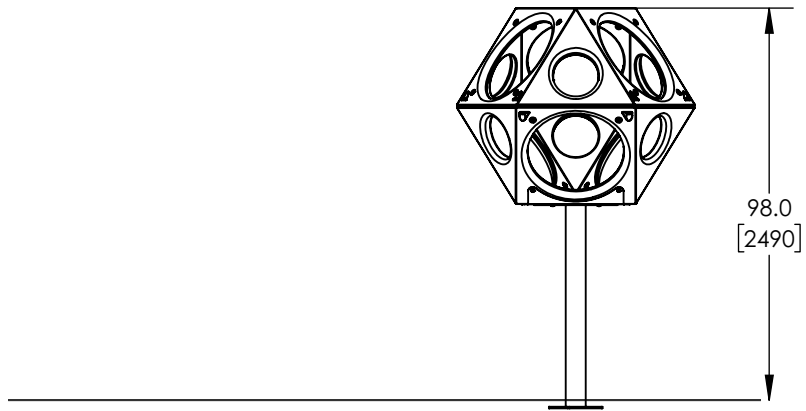
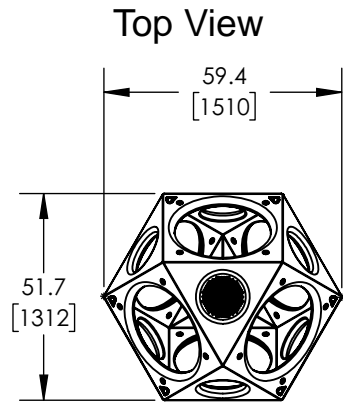
Footing Diagram
(Both Models)



Elevation Views
UN8731



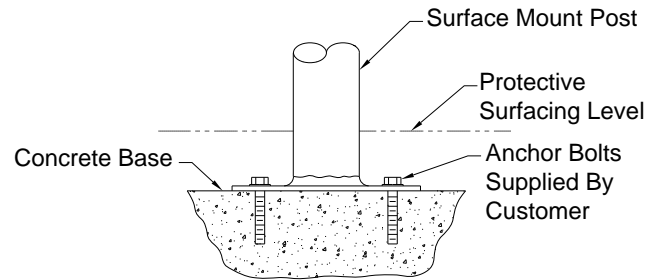
Installation Instructions



Elevation Views
UN8731S



Installation Instructions



Surface Mount Footing Detail

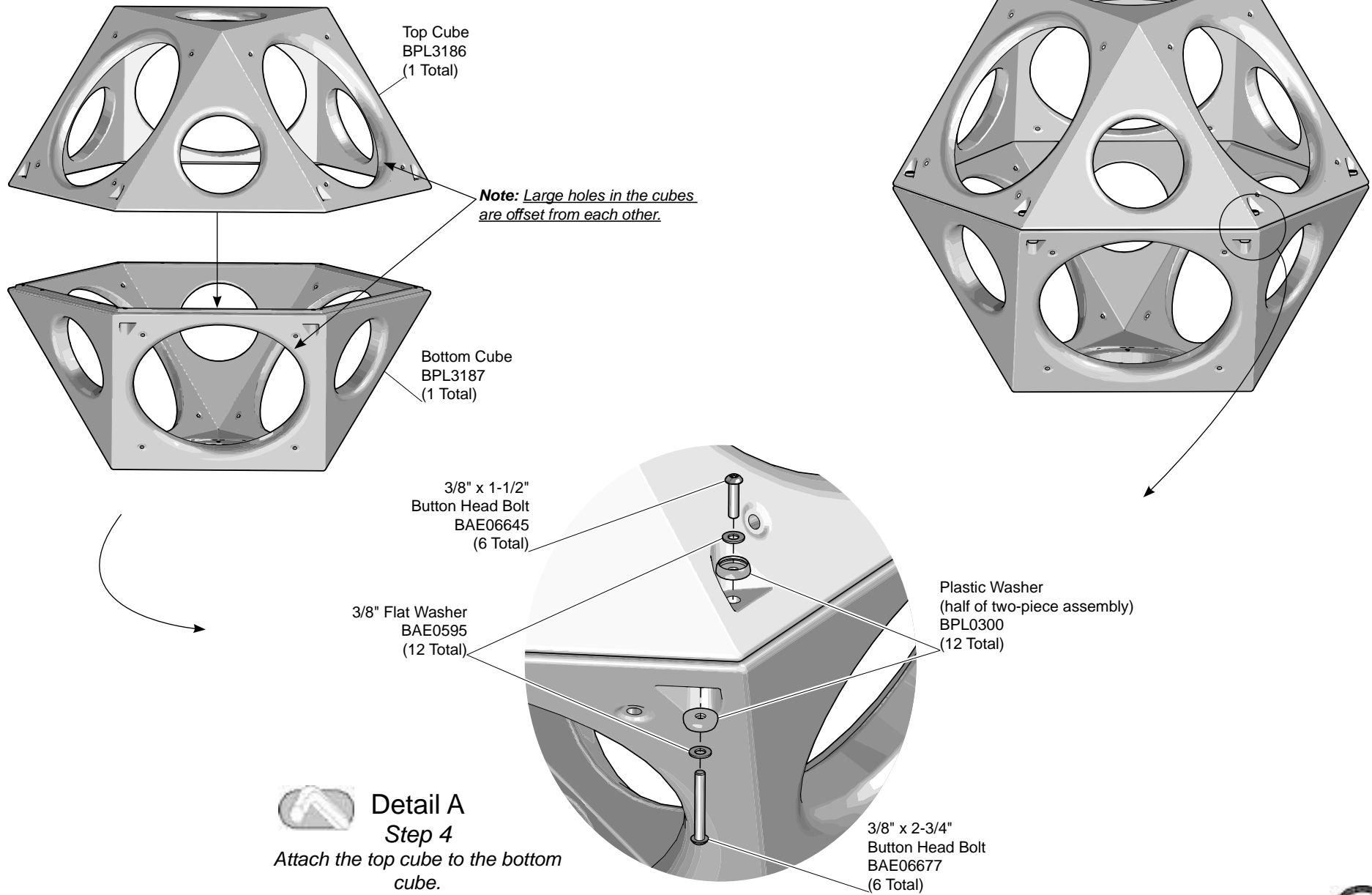
FOOTING NOTES

- All support posts and component support legs may have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Footing size may vary due to local soil and weather conditions.
- Base of footing must be below frost line.
- Comparison of protective surfacing materials is available in [Handbook for Public Playground Safety](#) published by U. S. Consumer Product Safety Commission.

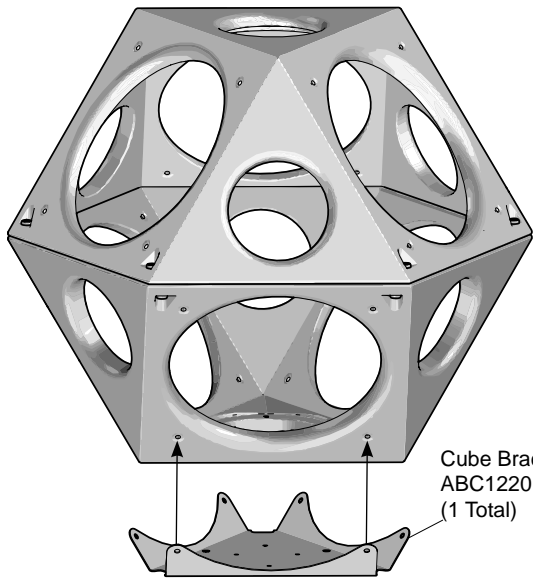
Surface mount hardware is not supplied. Customer is responsible for concrete base and providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 10.



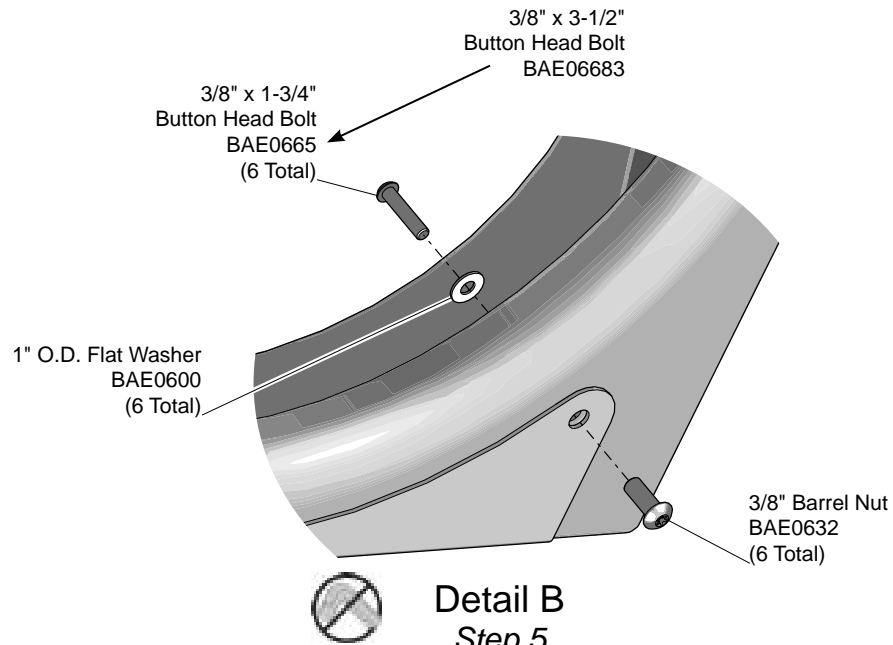
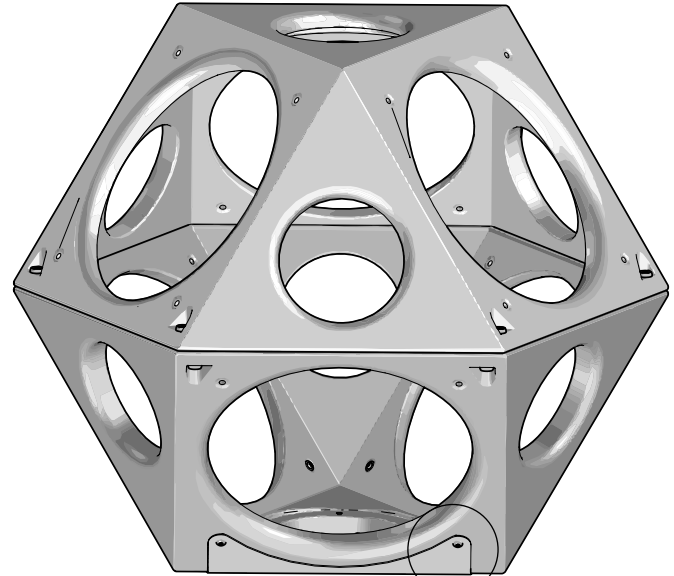
Installation Instructions



Important Note: Align the holes on the cube bracket with the holes on the bottom of the bottom cube before attaching. These need to be lined up correctly for proper installation of the bracket and footing leg.

Cube Bracket
ABC1220
(1 Total)

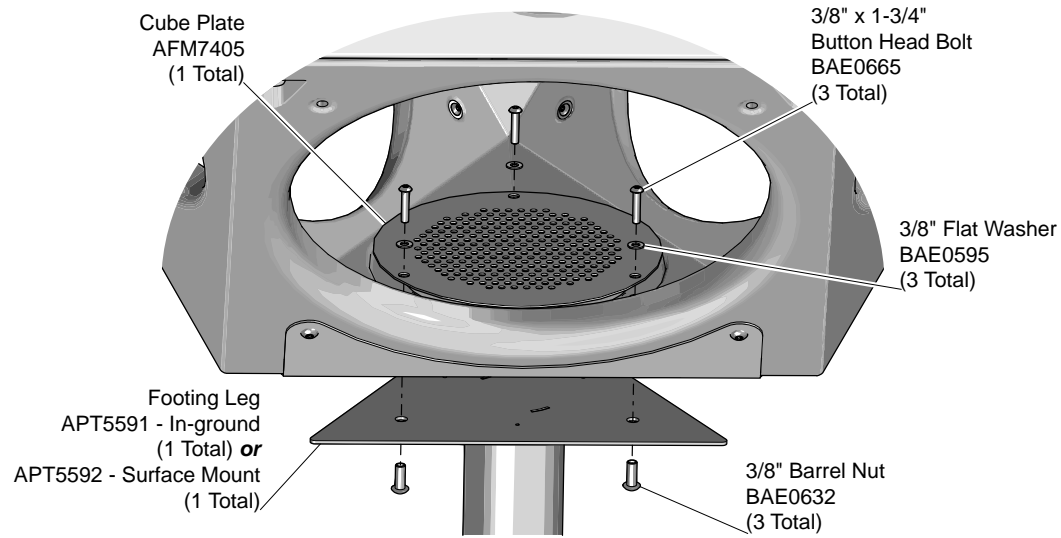
Note: If more than one playcube is to be attached together with the playcube base, substitute the BAE0665 for BAE06683 to allow for a proper connection.



Attach the cube bracket to the sides of the bottom cube.



Installation Instructions

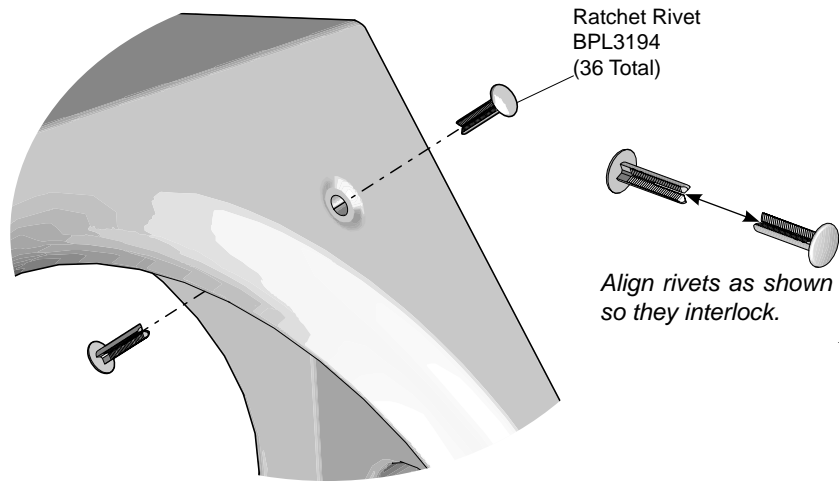


Detail C Step 6

Attach the footing leg to the cube assembly.

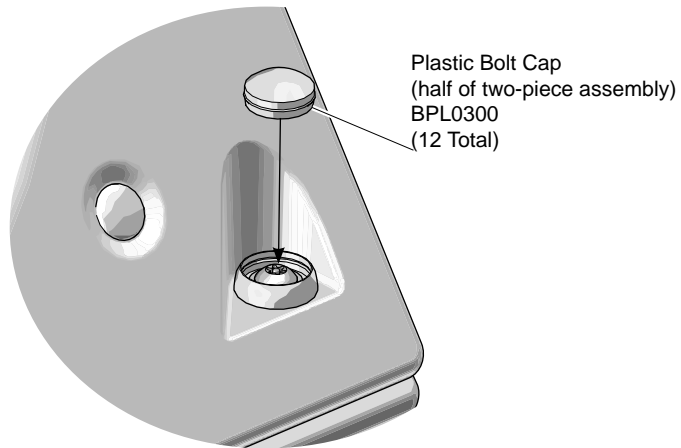
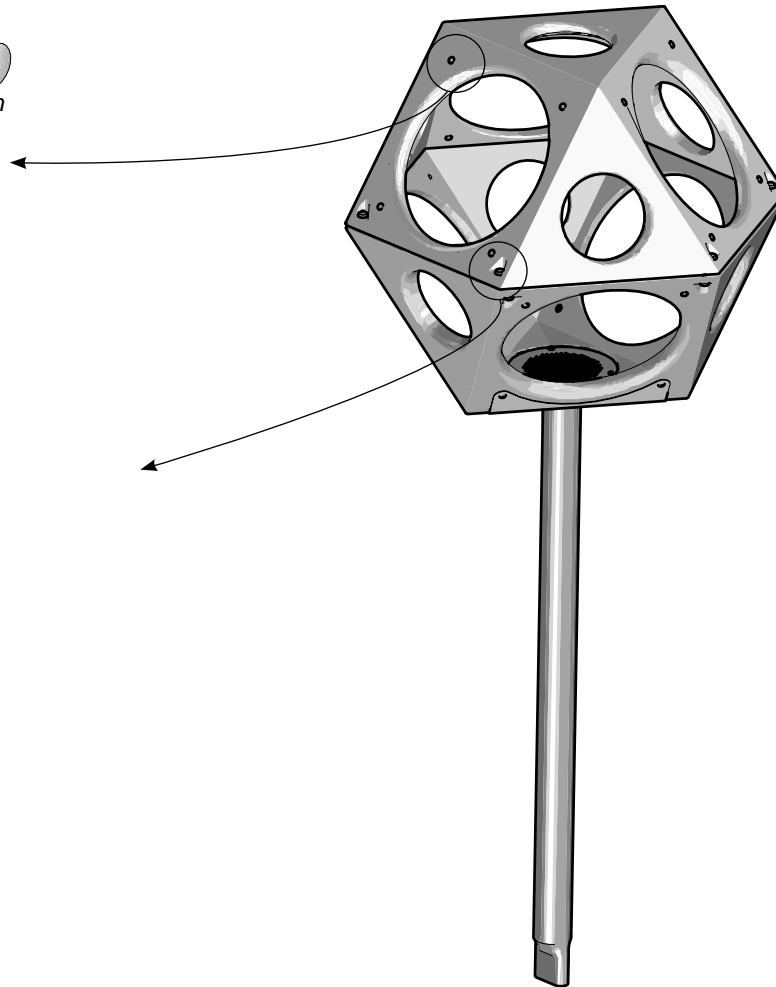


Installation Instructions



Detail D
Step 8

Fill in the unused holes inside and outside the cubes.



Detail E
Step 9

Insert the bolt caps into the plastic washers.

Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete unless otherwise instructed. *Do not install bolt caps until the structure is completely assembled and properly footed.*

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate or prepare footings as shown in the **Support Post or Surface Mount Footing Details** on pages 4 and 5 of this installation document.

Step 4: Attach the top cube to the bottom cube. See **Detail A**. Lower the top cube on top of the bottom cube, and attach as shown.

Note: Large holes in the cubes are offset from each other.

Step 5: Attach the cube bracket to the sides of the bottom cube. See **Detail B**. Position the cube bracket under the bottom cube, align the holes, and attach as shown.

Important Note: Align the holes on the cube bracket with the holes on the bottom of the bottom cube before attaching. These need to be lined up correctly for proper installation of the bracket and footing leg.

Step 6: Attach the footing leg to the cube assembly. See **Detail C**. Place the footing leg against the bottom of the bottom cube and the cube plate on the inside of the bottom cube, align the holes, and attach as shown.

Final Details.

Step 7: Finish assembling the structure. Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

In-ground Mount: Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Surface Mount: Bolt down all surface mount supports in accordance with specifications provided by your registered structural engineer.

Important Note: Surface mount hardware is not supplied. Customer is responsible for concrete base and for providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Step 8: Fill in the unused holes inside and outside the cubes. See **Detail D**. After the equipment assembly is complete, install a ratchet rivet in each unused hole in the cubes. Make sure to insert the rivets so they interlock as shown in the reference.

Note: This step should be executed after the structure has been assembled and properly footed.

Step 9: Select plastic caps and press over the plastic flanged washers. See **Detail E**.

Note: The plastic caps install easier when they are warm.



Bill of Materials

UN8731 - PLASTIC ELEVATED PLAYCUBE IN-GROUND MOUNT

PART NO.	DESCRIPTION	QTY.
ABC1220	BRACKET - 31.78" x 27.84" x 4.36" (ELEVATED CUBE)	1
AFM7405	SHEET - 14.50" DIA x 12 GA w/ COATED PERF	1
APT5591	POST - ELEVATED CUBE (48")	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	6
BAE0632	NUT - 3/8"-16 x 1.25 BARREL	9
BAE0665	BOLT - 3/8"-16 x 1.75" BUTTON HEAD - SS	9
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	36

UN8731S - PLASTIC ELEVATED PLAYCUBE SURFACE MOUNT

PART NO.	DESCRIPTION	QTY.
ABC1220	BRACKET - 31.78" x 27.84" x 4.36" (ELEVATED CUBE)	1
AFM7405	SHEET - 14.50" DIA x 12 GA w/ COATED PERF	1
APT5592	POST - ELEVATED CUBE (48")	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	6
BAE0632	NUT - 3/8"-16 x 1.25 BARREL	9
BAE0665	BOLT - 3/8"-16 x 1.75" BUTTON HEAD - SS	9
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	36



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www.playworld.com



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Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Plastic Parts

- Inspect all plastic surfaces for sharp points, cracks or jagged edges. If any damage is detected and is determined to be unsafe, barricade equipment to prevent use until repair is completed. Minor burrs or sharp edges may be removed by using a sharp utility knife or block plane to remove sharp burr.

Castings

- Inspect the aluminum castings to insure they are properly secured to the component.
- Visually inspect the castings for cracks or breakage. If any damage is detected, barricade the equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Footings

- Inspect component to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.
To repair the bracket coating, contact the Playworld Systems' Customer Service Department for a coating repair touch-up kit.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

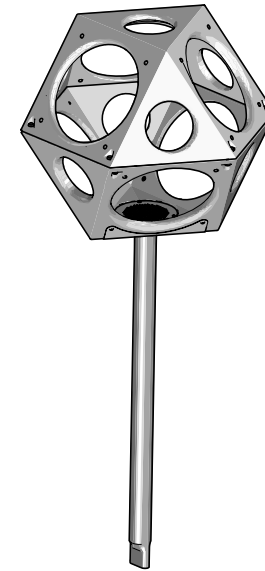
Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance Universal Models UN8731 and UN8731S Plastic Elevated PlayCube In-ground and Surface Mount



Inspection Form

Preventive Maintenance

... for Safety's Sake!

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect plastic parts for damage.	Medium			
Inspect surfacing to insure proper depth and distribution.	High			
Inspect metal parts for structural and finish damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect footing to insure support is secure and footing is not damaged.	Low			

Inspection Codes P = Pass F = Fail NA = Not Applicable

Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___












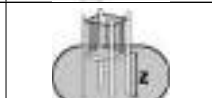
Assembly View (representative model)

Installation Instructions

Universal Models UN8736, UN8737 and UN8738
PlayCubes Support Post
4 Cubes High, 3 Cubes High and 2 Cubes High

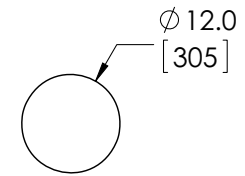
Installation Preparation

Recommended Crew: Two (2) adults
Installation Time: 1 man-hour
Concrete Required: 0.03 cubic yard (0,02 cubic meters)

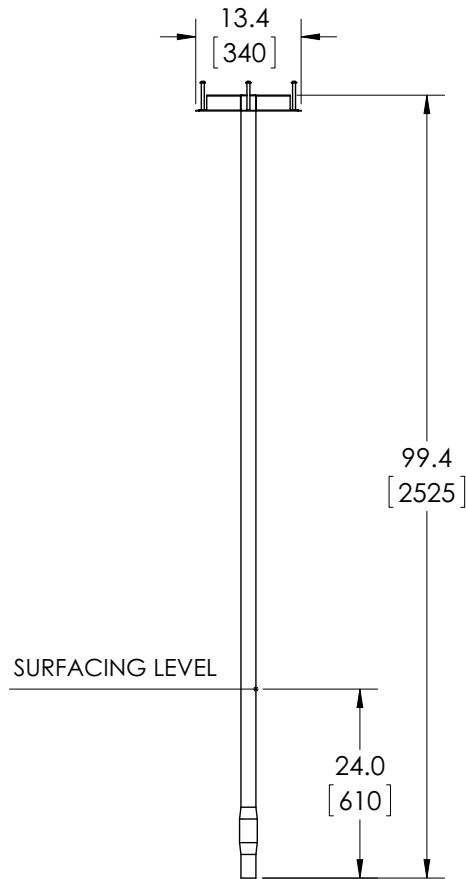
ICON KEY			
	Fully Tighten Hardware		Add 1 Drop of Thread Locking Adhesive
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		Critical Fall Height

Installation Instructions

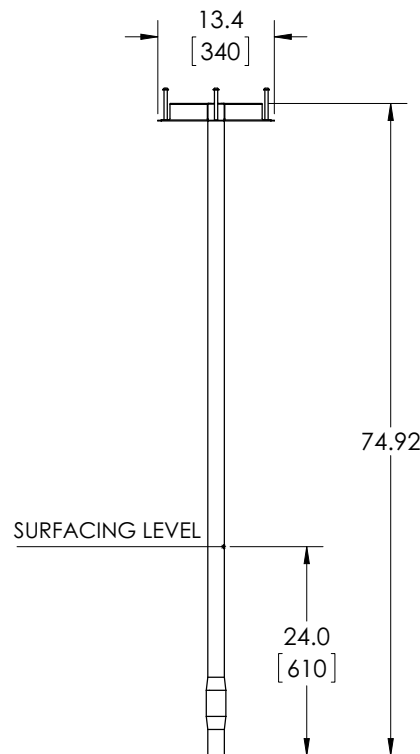
KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]



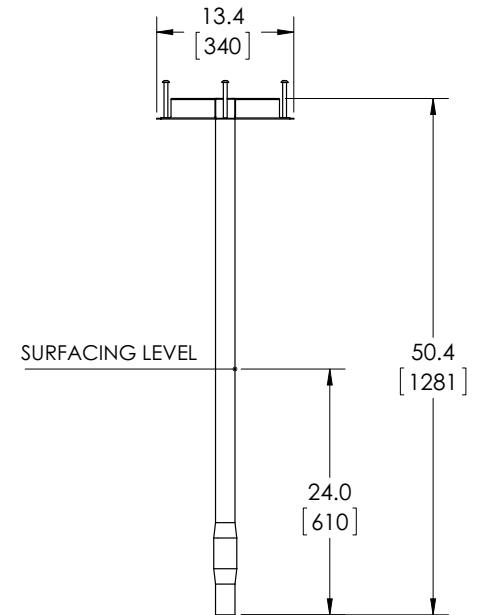
Footing Diagram



Elevation Views
UN8736



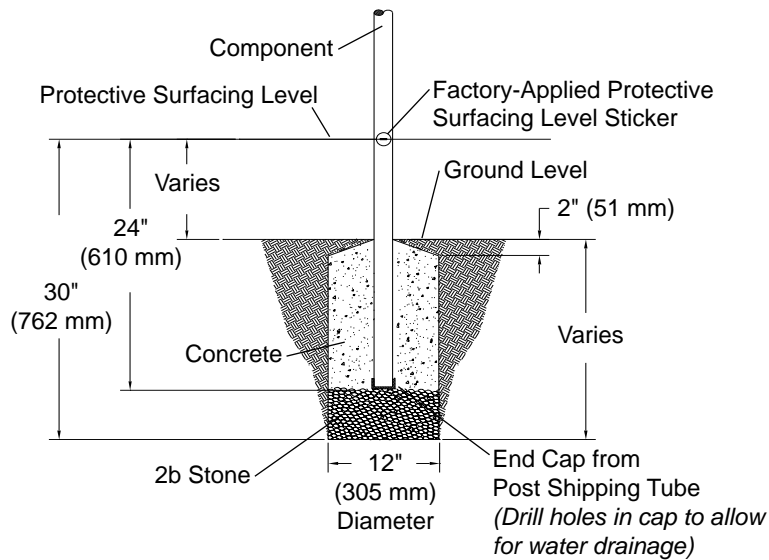
Elevation Views
UN8737



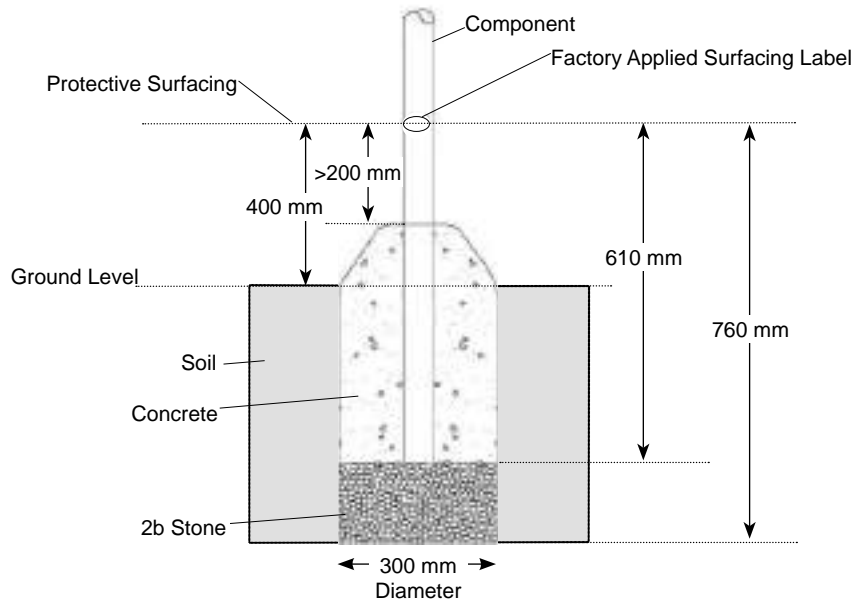
Elevation Views
UN8738



Installation Instructions



Component Footing Detail (ASTM/CSA)



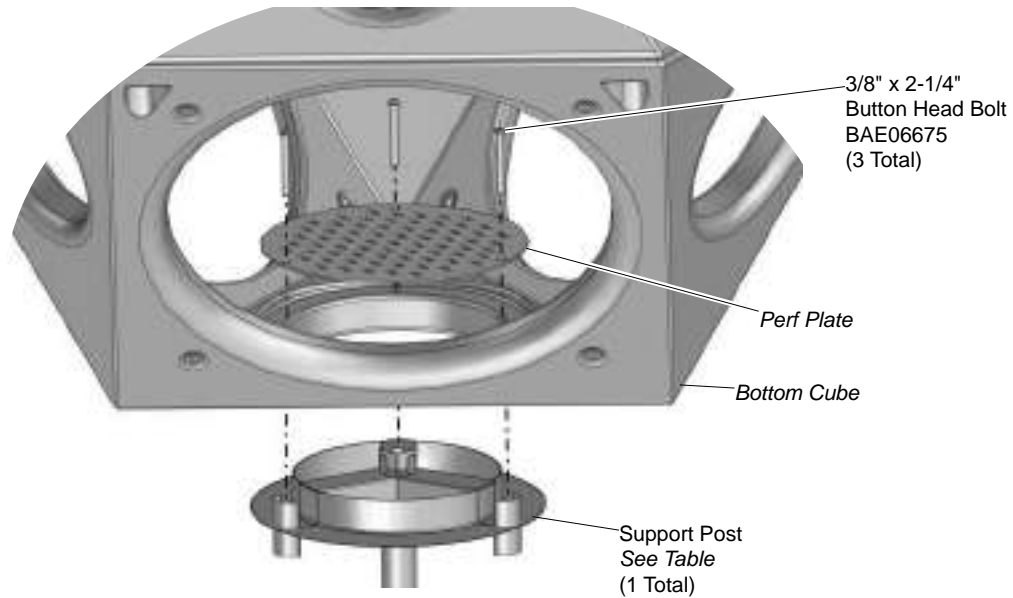
Footing Detail Component Post (EN)

FOOTING NOTES

- Component footing depth equals 30 in. (762 mm) less the depth of the protective surfacing material. The post is designed to have 12" (305 mm) in concrete.
Example: If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 18 in. (457 mm).
- Some support posts and component support legs may have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Do not encase bottom of support post in concrete. Place post directly on packed stone or porous block.
- The footings shown on Playworld Systems' documentation are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by the owner based on actual soil conditions.
For example:
 - If local soil is loose or unstable, a larger footing may be required.
 - If local soil is considered stable, such as bedrock, clay or hard packed earth, a smaller footing may be used. Before changing footing dimensions, we strongly recommend that the footings be reviewed and approved by a registered engineer.
- Base of footing must be below frost line.
- Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 5.



Model	Support Post Part Number
UN8736	APT5381
UN8737	APT5382
UN8738	APT5383



Step 4

Attach the support post to the bottom cube.



Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate the footings as shown in the **Component Footing Detail** on **page 3** of this document.

Step 4: Attach the support post to the bottom cube. See **Detail A**. Position the support post beneath a bottom cube, align the holes in the mounting bracket with the holes in the cube and the perf plate and attach as shown.

Final Details.

Step 5: Plumb and level the component. Tighten **all** fasteners. Fully tighten the connections according to tightening torque specifications. Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.



UN8736 - PLAYCUBES SUPPORT POST 4 CUBES HIGH

PART NO.	DESCRIPTION	QTY.
APT5381	POST - 99.42" x 13.38" x 11.83"	1
BAE06675	BOLT - 3/8"-16 x 2.25" BUTTON HEAD - SS	3

UN8737 - PLAYCUBES SUPPORT POST 3 CUBES HIGH

PART NO.	DESCRIPTION	QTY.
APT5382	POST - 74.92" x 11.83" x 13.38"	1
BAE06675	BOLT - 3/8"-16 x 2.25" BUTTON HEAD - SS	3

UN8738 - PLAYCUBES SUPPORT POST 2 CUBES HIGH

PART NO.	DESCRIPTION	QTY.
APT5383	POST - 50.42" x 11.83" x 13.38"	1
BAE06675	BOLT - 3/8"-16 x 2.25" BUTTON HEAD - SS	3



For Customer Service, Call
800-233-8404 or
570-522-9800 OUTSIDE U.S.
1000 Buffalo Road • Lewisburg, PA 17837
www.playworld.com



Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- If during the maintenance process a bolt needs to be removed from a part or parts, it will be necessary to apply a drop of liquid thread lock / loctite to the bolt before reinstallation.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

Footings

- Inspect component to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance

Universal

Models UN8736, UN8737 and UN8738
PlayCubes Support Post
4 Cubes High, 3 Cubes High and 2 Cubes High



Inspection Form

Preventive Maintenance

... for Safety's Sake!

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- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect footing to insure support is secure and footing is not damaged.	Low			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect metal parts for structural and finish damage.	Medium			
Inspect surfacing to insure proper depth and distribution.	High			

Inspection Codes

P = Pass **F** = Fail
NA = Not Applicable

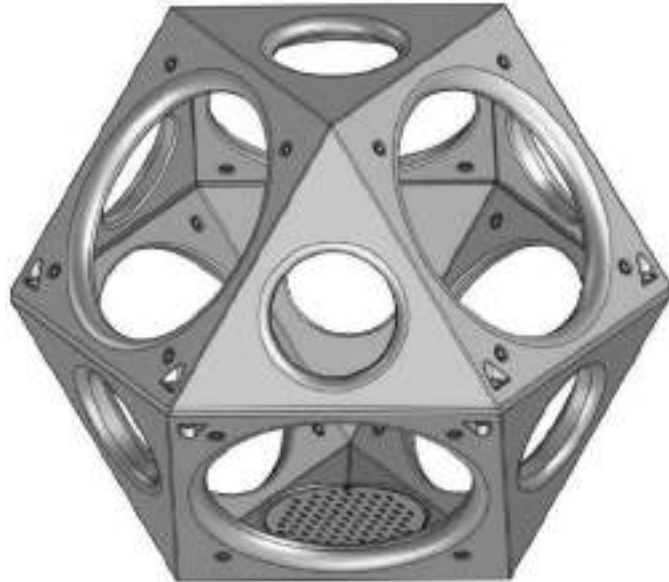
Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___





Assembly View

ATTENTION

If Perf Infill Panel (APL3775) is to be added is to be added to this assembly refer to ZZUN8721 before attaching both sides of the Playcubes together.

Installation Instructions




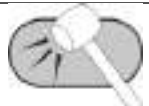



Universal Models UN8728, UN8746 and UN8747

Above Ground PlayCube

1 Sided, 2 Sided and 3 Sided Connections

Installation Preparation

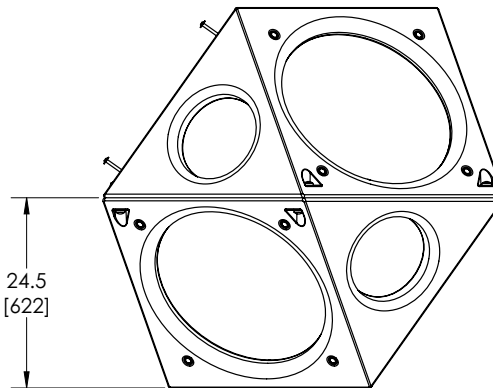
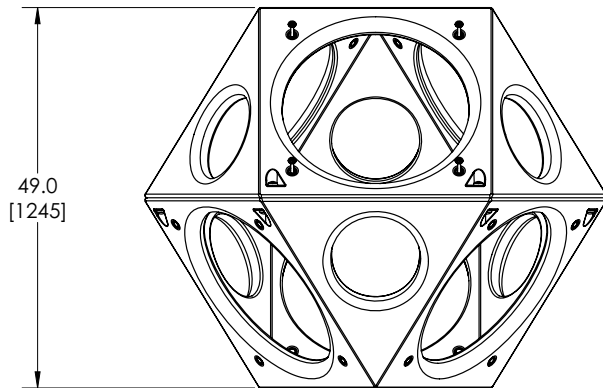
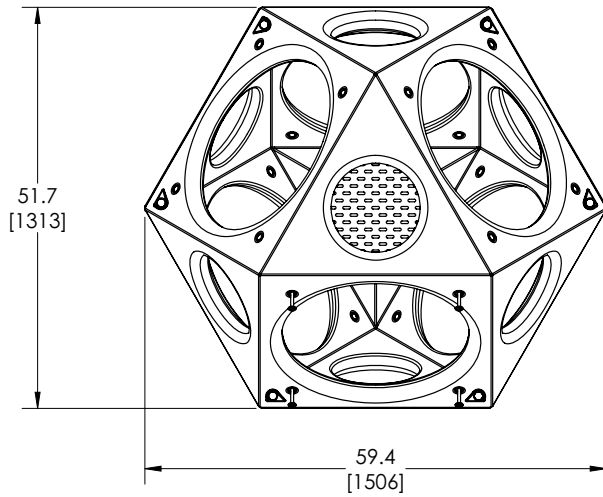
- Recommended Crew: Two (2) adults
- Installation Time (UN8728):..... 1 man-hour
- Installation Time (UN8746):..... 1.25 man-hours
- Installation Time (UN8747):..... 1.5 man-hours
- Use Zone:..... See the master layout drawing
- User Group Age (single cube):..... ASTM: 2-12, CSA: 1.5-12, EN: 2-14
- User Group Age (multiple cubes): ASTM/CSA: 5-12, EN: 6-14

ICON KEY	
	Fully Tighten Hardware
	Do Not Fully Tighten Hardware
	Drill
	Hammer
	Critical Fall Height
	Pour Concrete
	Dig Footing Holes

Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

Top View



49" (1245 mm)
Sitting as shown

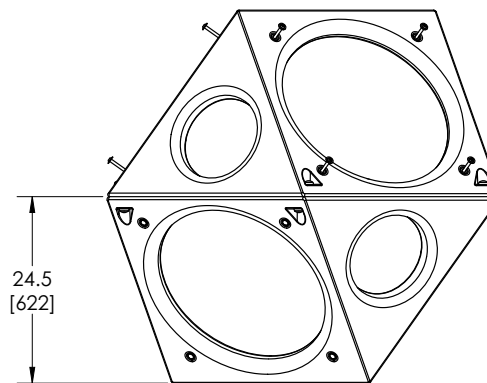
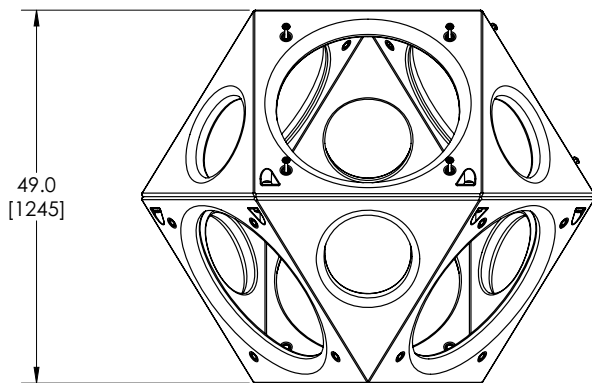
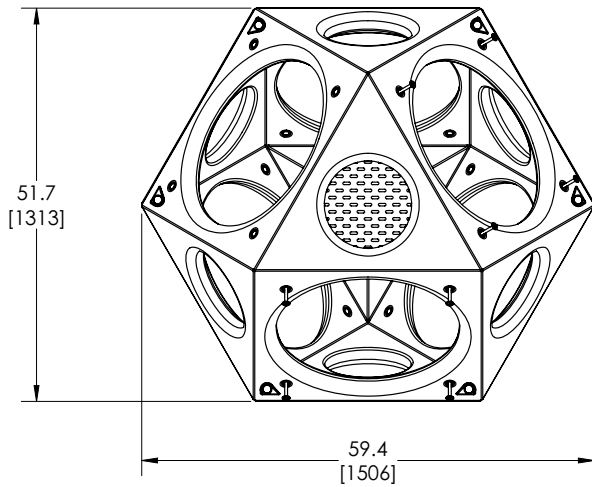
Elevation Views
UN8728



Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

Top View



49" (1245 mm)
Sitting as shown

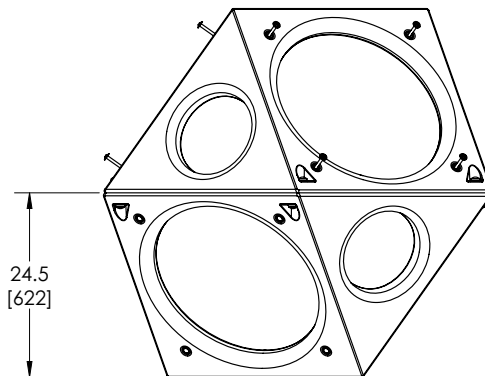
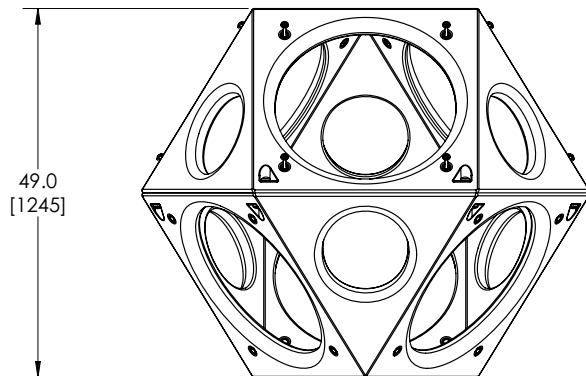
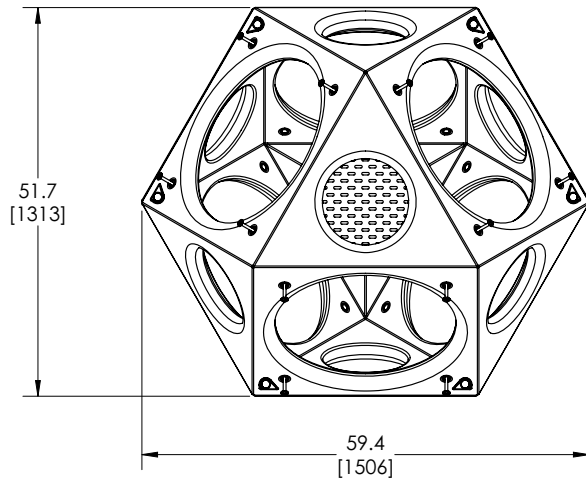
Elevation Views
UN8746



Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

Top View



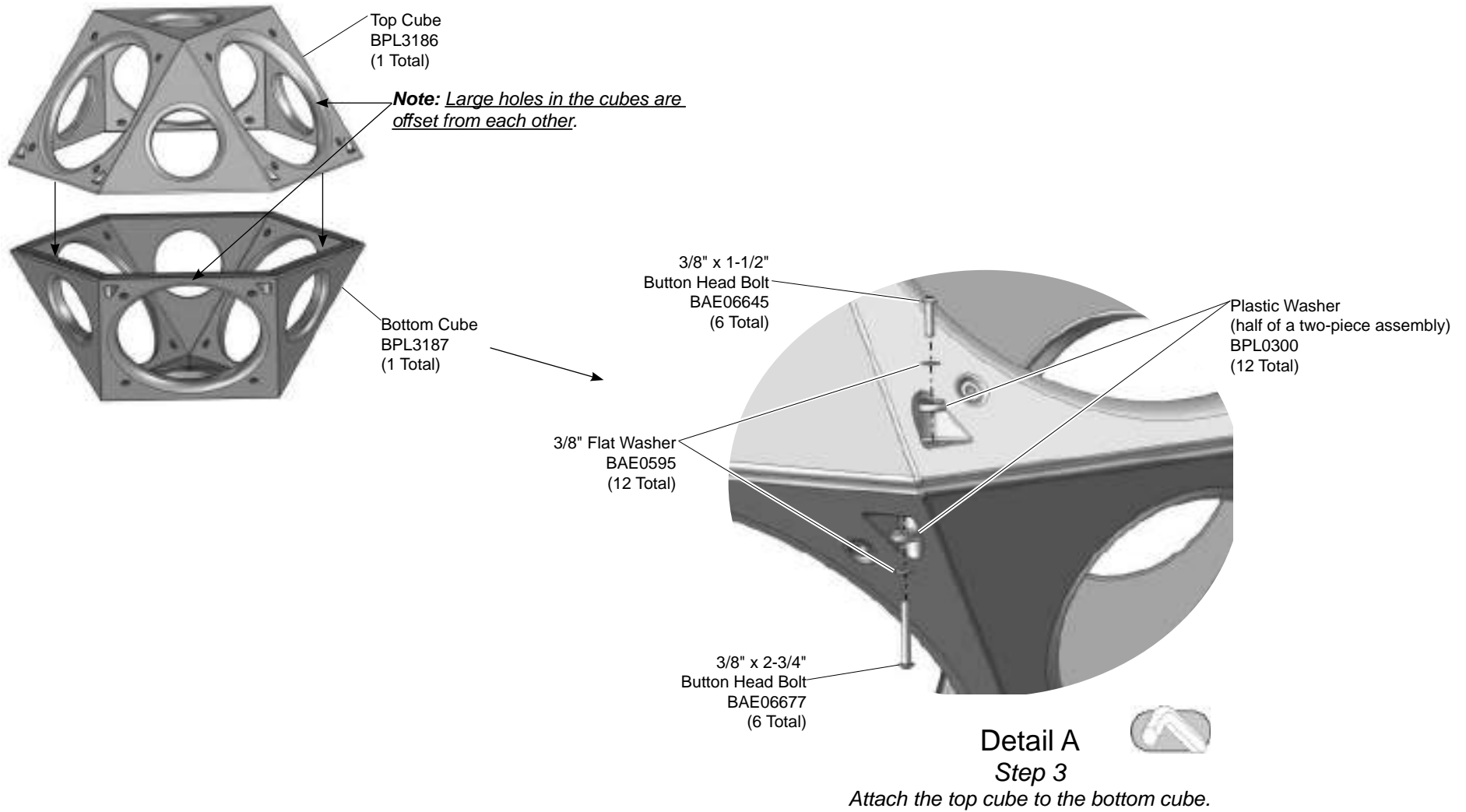
49" (1245 mm)
Sitting as shown

Elevation Views
UN8747

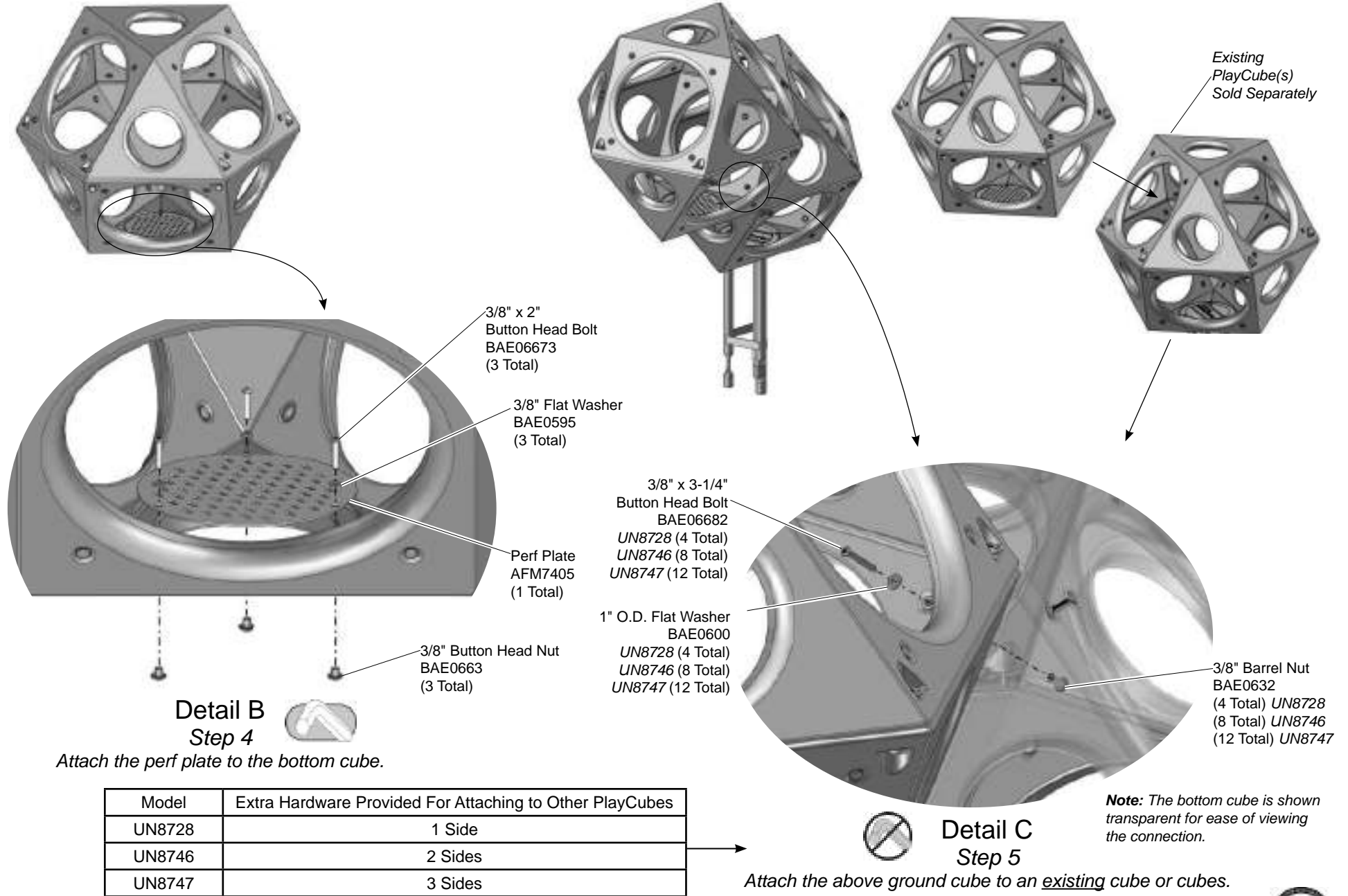


Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 8.



Installation Instructions



Model	Extra Hardware Provided For Attaching to Other PlayCubes
UN8728	1 Side
UN8746	2 Sides
UN8747	3 Sides



Installation Instructions



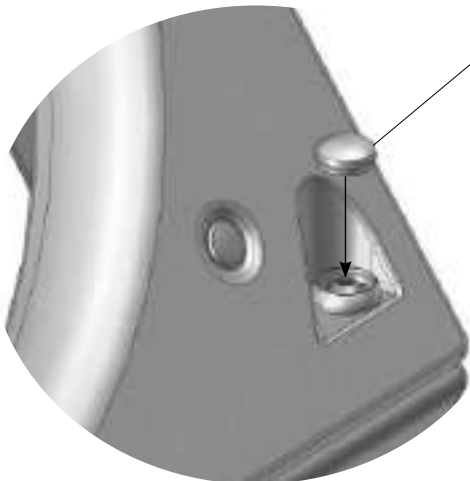
Ratchet Rivet
BPL3194
(40 Total) UN8728
(32 Total) UN8746
(24 Total) UN8747



Align rivets as shown so they interlock.

Detail D
Step 7

Fill in the unused holes **inside** and **outside** the ground level cube.



Plastic Bolt Cap
(half of a two-piece assembly)
BPL0300
(12 Total)

Detail E
Step 8

Insert the bolt caps into the plastic washers.

Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete. Do not install bolt caps until the structure is completely assembled and properly footed.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware. Note that extra hardware is provide for each model for attachment to other PlayCubes.

Step 3: Attach the top cube to the bottom cube. See **Detail A**. Place the top cube onto the bottom cube making sure the large holes are offset and attach as shown. Fully tighten the connections according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

Step 4: Attach the perf plate to the bottom cube. See **Detail B**. Position the perf plate to the inside of the bottom cube and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 5: Attach the above ground cube to an *existing* cube or cubes. See **Detail C**. Position the above ground cube against the existing cube, or cubes, as indicated your layout drawing and attach as shown. *Leave connections loose until all other cubes have been attached to the structure.*

Final Details.

Step 6: Finish assembling the structure. Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

Step 7: Fill in the unused **inside** and **outside** holes in the ground level cube.

See **Detail D**. After the equipment assembly is complete, install a ratchet rivet in each unused open hole in the cube. Insert the rivet into the hole and press in place. Make sure to insert the rivets so they interlock as shown in the reference.

Note: This step should be executed after structure has been assembled and properly footed.

Step 8: Insert the bolt caps into the plastic washers. See **Detail E**. Select the plastic caps and press over the plastic flanged washers.

Note: The plastic caps install easier when they are warm.



Bill of Materials

UN8728 - ABOVE GROUND PLAYCUBE - ONE SIDED CONNECTION

PART NO.	DESCRIPTION	QTY.
AFM7405	SHEET - 14.50" DIA x 12 GA w/ COATED PERF	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	WASHER - 1" O.D. FLAT	4
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	4
BAE0663	NUT - 3/8"-16 x 7/16" BUTTON HEAD	3
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06673	BOLT - 3/8"-16 x 2.00" BUTTON HEAD - SS	3
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BAE06682	BOLT - 3/8"-16 x 3.25" BUTTON HEAD - SS	4
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	40

UN8747 - ABOVE GROUND PLAYCUBE - THREE SIDED CONNECTION

PART NO.	DESCRIPTION	QTY.
AFM7405	SHEET - 14.50" DIA x 12 GA w/ COATED PERF	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	WASHER - 1" O.D. FLAT	12
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	12
BAE0663	NUT - 3/8"-16 x 7/16" BUTTON HEAD	3
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06673	BOLT - 3/8"-16 x 2.00" BUTTON HEAD - SS	3
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BAE06682	BOLT - 3/8"-16 x 3.25" BUTTON HEAD - SS	12
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	24

UN8746 - ABOVE GROUND PLAYCUBE - TWO SIDED CONNECTION

PART NO.	DESCRIPTION	QTY.
AFM7405	SHEET - 14.50" DIA x 12 GA w/ COATED PERF	1
BAE0595	WASHER - 3/8" SAE FLAT	15
BAE0600	WASHER - 1" O.D. FLAT	8
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	8
BAE0663	NUT - 3/8"-16 x 7/16" BUTTON HEAD	3
BAE0922	TOOL - TT 45 L WRENCH	2
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	6
BAE06673	BOLT - 3/8"-16 x 2.00" BUTTON HEAD - SS	3
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	6
BAE06682	BOLT - 3/8"-16 x 3.25" BUTTON HEAD - SS	8
BPL0300	CAP - 3/8" BOLT	12
BPL3186	PLAYCUBES - TOP CUBE	1
BPL3187	PLAYCUBES - BOTTOM CUBE	1
BPL3194	RIVET - RATCHET - .88" O.D. x 1.67"	32



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intentionally left blank.



Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Plastic Parts

- Inspect all plastic surfaces for sharp points, cracks or jagged edges. If any damage is detected and is determined to be unsafe, barricade equipment to prevent use until repair is completed. Minor burrs or sharp edges may be removed by using a sharp utility knife or block plane to remove sharp burr.

Castings

- Inspect the castings to insure they are properly secured to the component.
- Visually inspect the castings for cracks or breakage. If any damage is detected, barricade the equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.
To repair the perf plate coating, contact the Playworld Systems' Customer Service Department for a coating repair touch-up kit.

Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

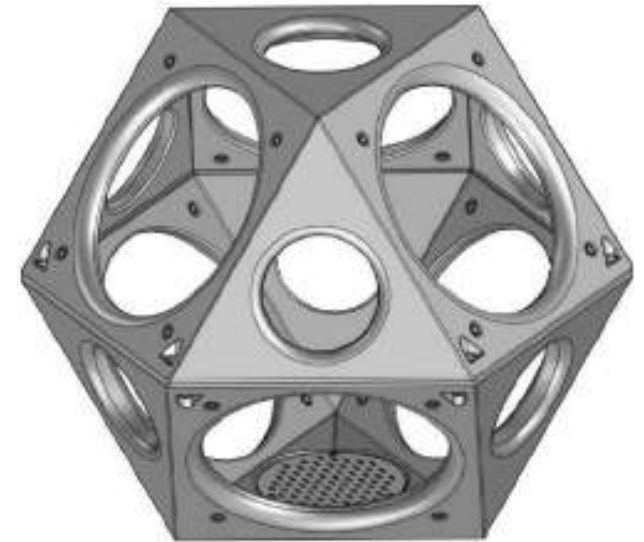
Equipment Maintenance

Universal

Models UN8728, UN8746 and UN8747

Above Ground PlayCube

1 Sided, 2 Sided and 3 Sided Connections



PLAYWORLD
The world needs play.

For Customer Service, Call
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1000 Buffalo Road • Lewisburg, PA 17837
www.playworld.com

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- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect plastic parts for damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect metal parts for structural and finish damage.	Medium			

Inspection Codes
P = Pass F = Fail
NA = Not Applicable

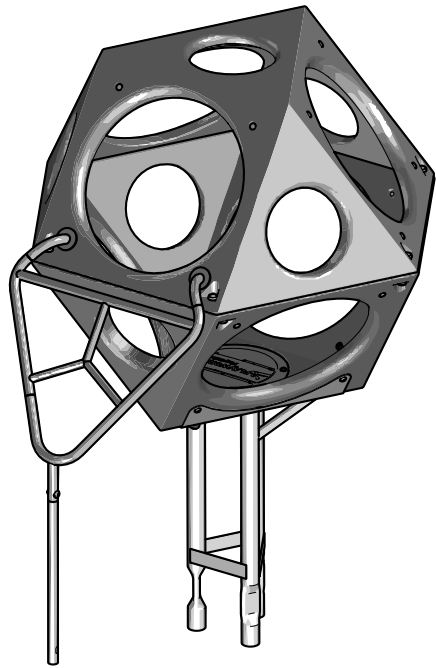
Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___





Assembly View (representative structure)








Installation Instructions

Universal Models UN8761 and UN8761S
Poly Climber - Small
In-Ground and Surface Mount

Installation Preparation

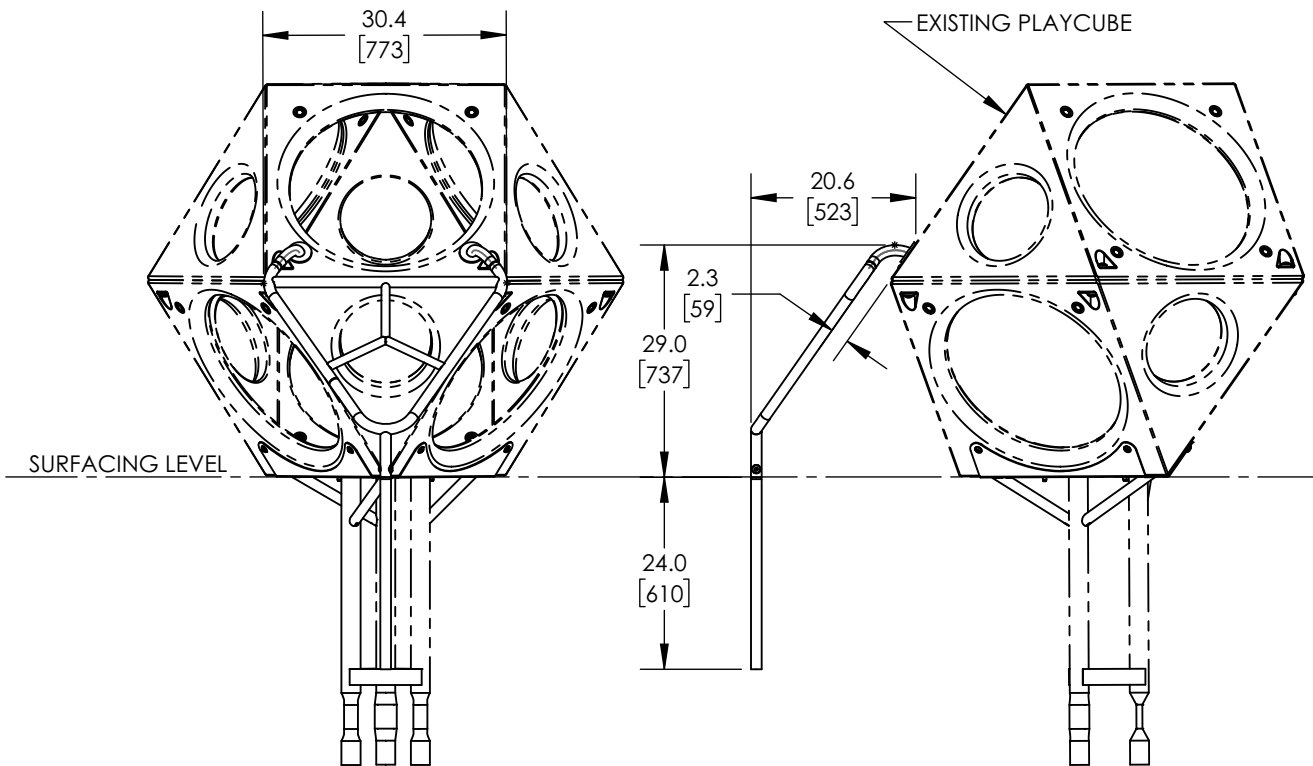
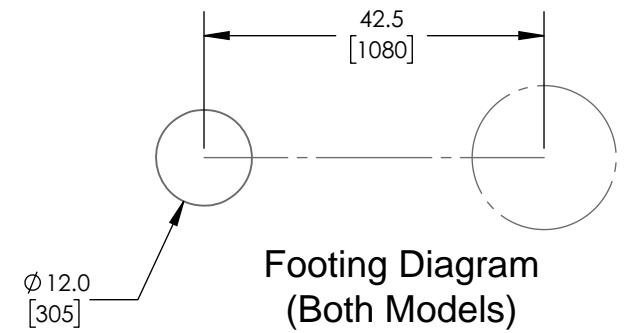
Recommended Crew: One (1) adult
 Installation Time (In-Ground): 1 man-hours
 Installation Time (Surface Mount): 0.5 man-hours
 Concrete Required: 0.03 cubic yard (0,02 cubic meters)
 Use Zone: Refer to the Master Layout Drawing
 User Group Age (years): ASTM/CSA: 5-12, EN: 6-14

ICON KEY

	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

Installation Instructions

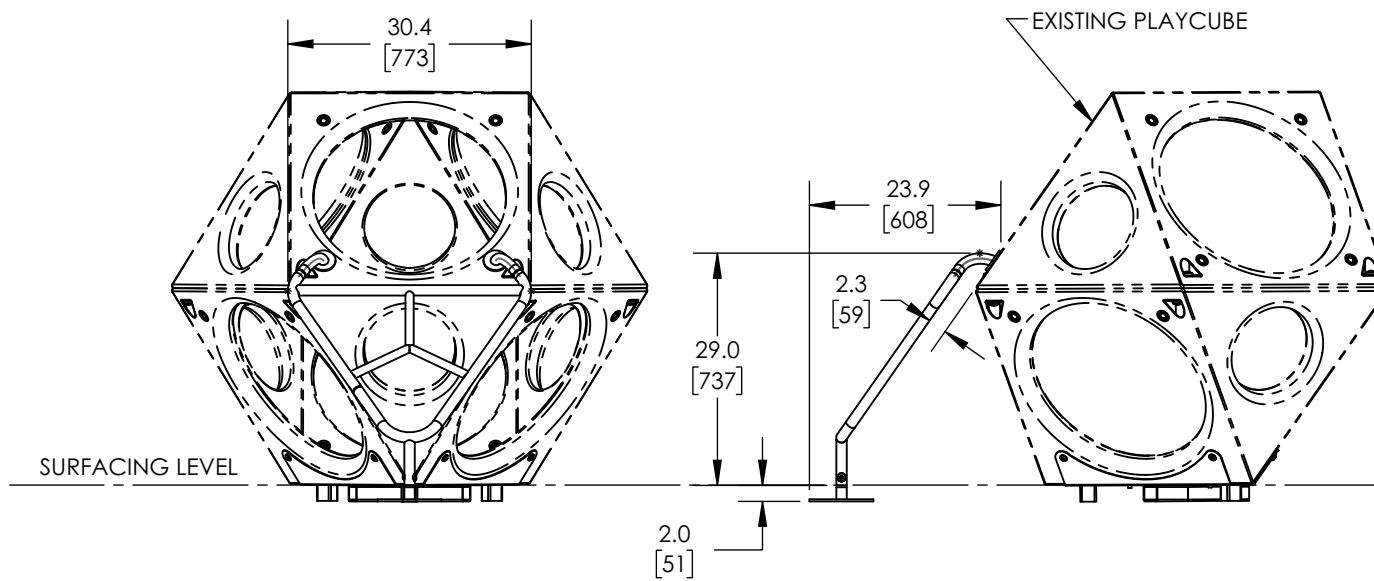
KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]



Elevation Views
UN8761



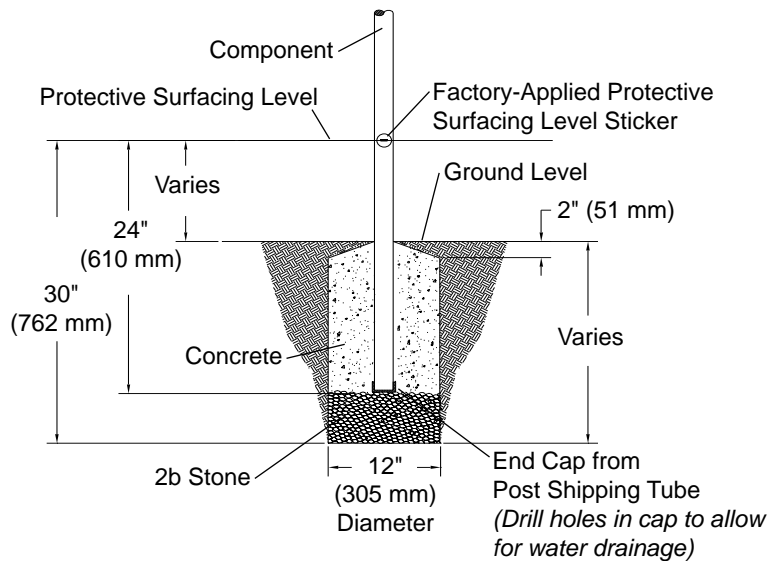
Installation Instructions



Elevation Views
UN8761S



Installation Instructions



Component Footing Detail (ASTM/CSA)

FOOTING NOTES

- Component footing depth equals 30 in. (762 mm) less the depth of the protective surfacing material. The post is designed to have 12" (305 mm) in concrete.

Example: If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 18 in. (457 mm).

- Most support posts and component support legs will have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.

- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.

- Do not encase bottom of support post in concrete. Place post directly on packed stone.

- The footings shown on Playworld Systems' documentation are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by the owner based on actual soil conditions.

For example:

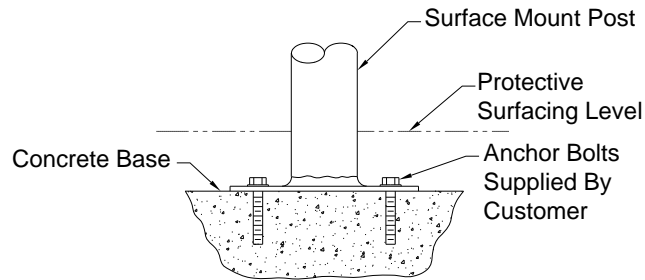
- If local soil is loose or unstable, a larger footing may be required.

- If local soil is considered stable, such as bedrock, clay or hard packed earth, a smaller footing may be used. Before changing footing dimensions, we strongly recommend that the footings be reviewed and approved by a registered engineer.

- Base of footing must be below frost line.

- Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.

Installation Instructions



Surface Mount Footing Detail

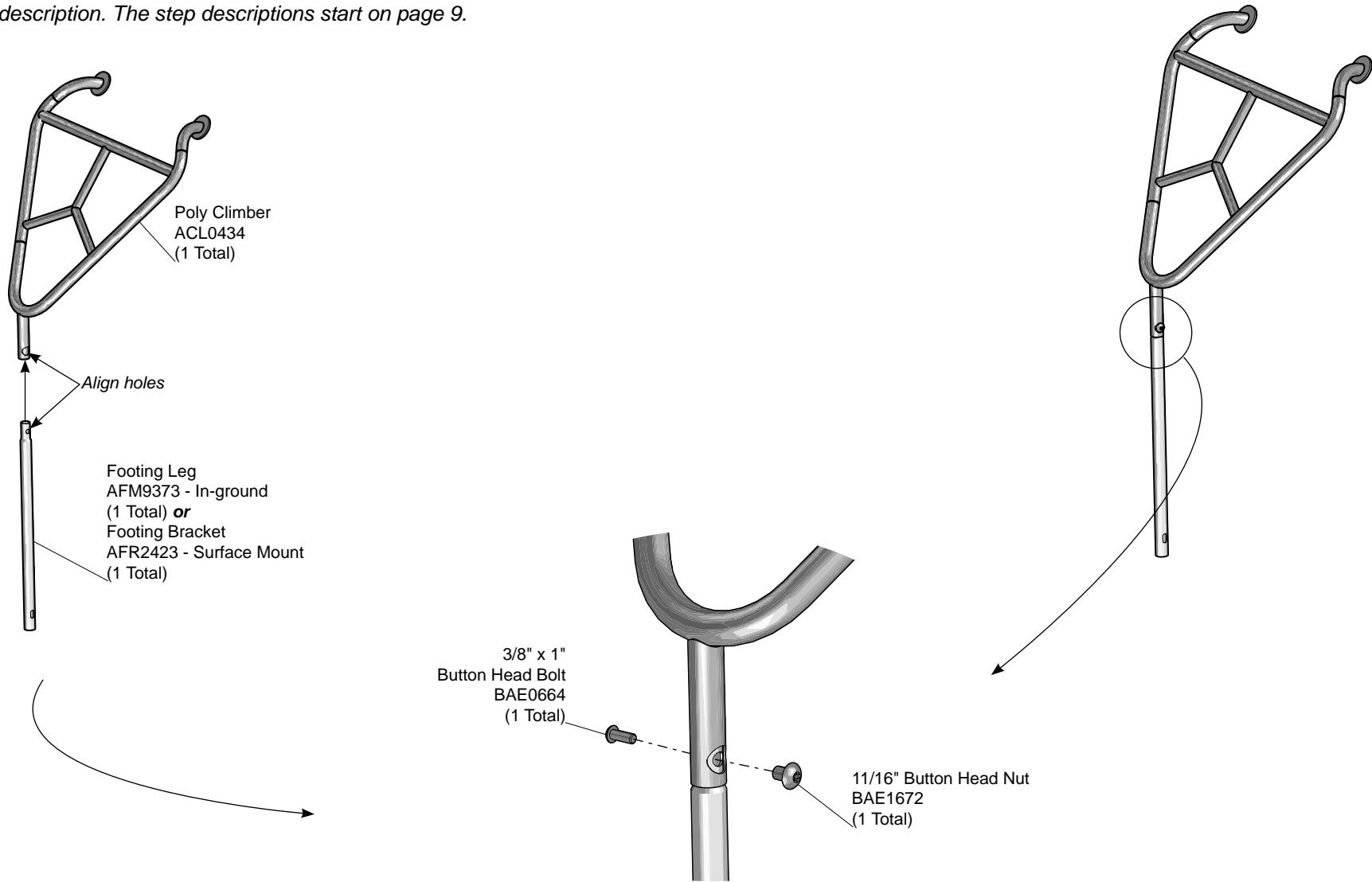
FOOTING NOTES

- All support posts and component support legs may have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Footing size may vary due to local soil and weather conditions.
- Base of footing must be below frost line.
- Comparison of protective surfacing materials is available in [Handbook for Public Playground Safety](#) published by U. S. Consumer Product Safety Commission.

Surface mount hardware is not supplied. Customer is responsible for concrete base and providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 9.



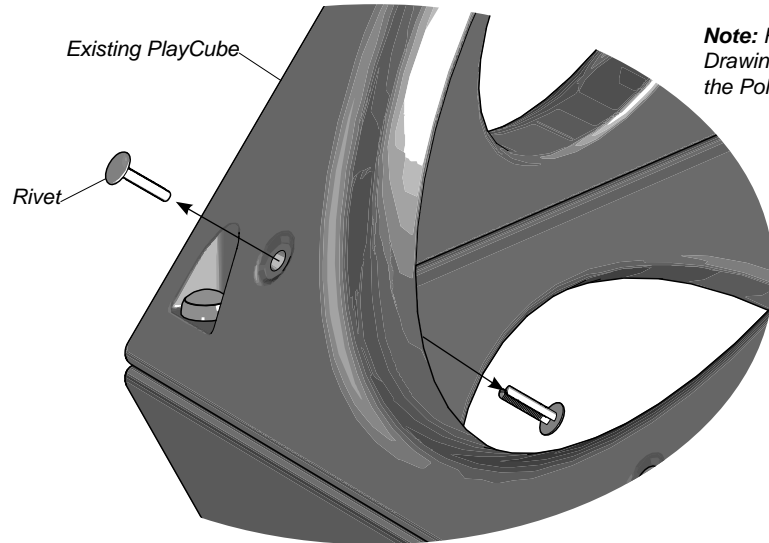
Detail A

Step 4

Attach the footing leg / bracket to the Poly Climber.

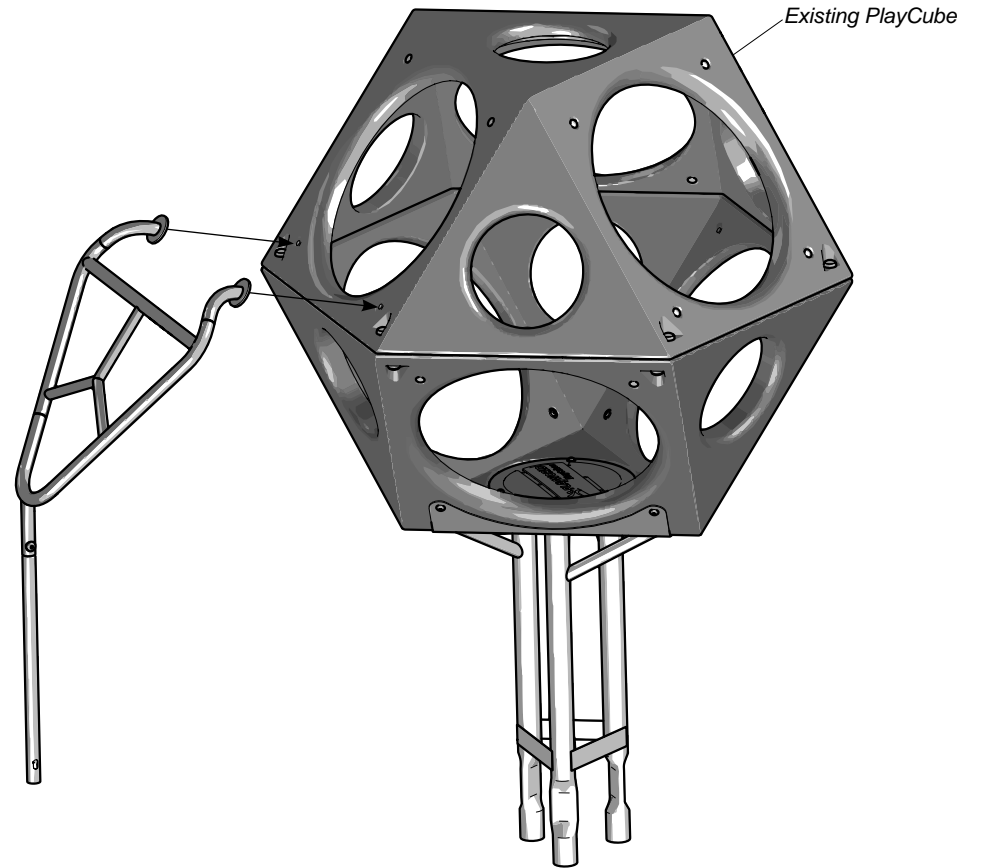


Installation Instructions

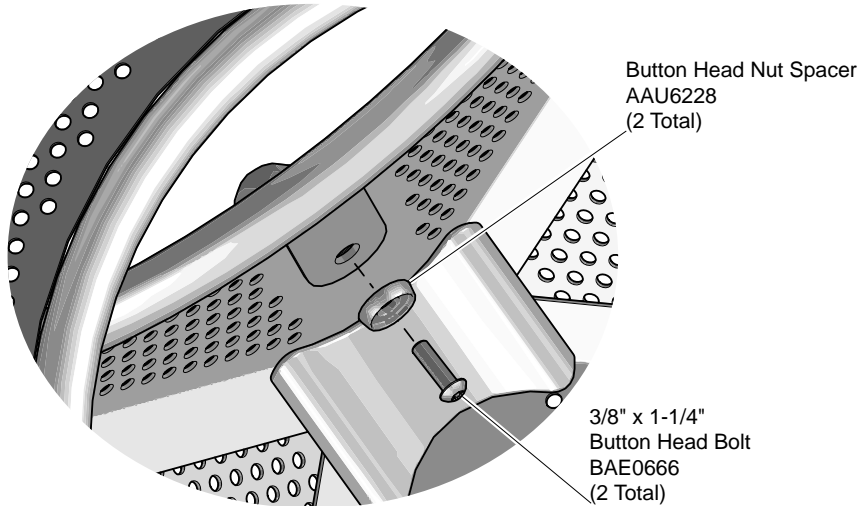


Note: Refer to Master Layout Drawing for correct placement of the Poly Climber.

Detail B
Step 5 (If Applicable)
Remove the four rivets from the existing PlayCube.



Installation Instructions

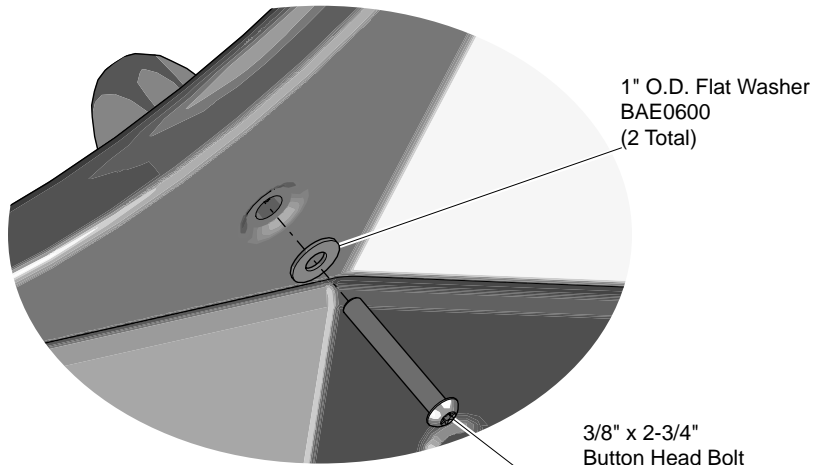


Detail C-1

Step 6

(Steel PlayCube)

Attach the Poly Climber to the existing PlayCube.

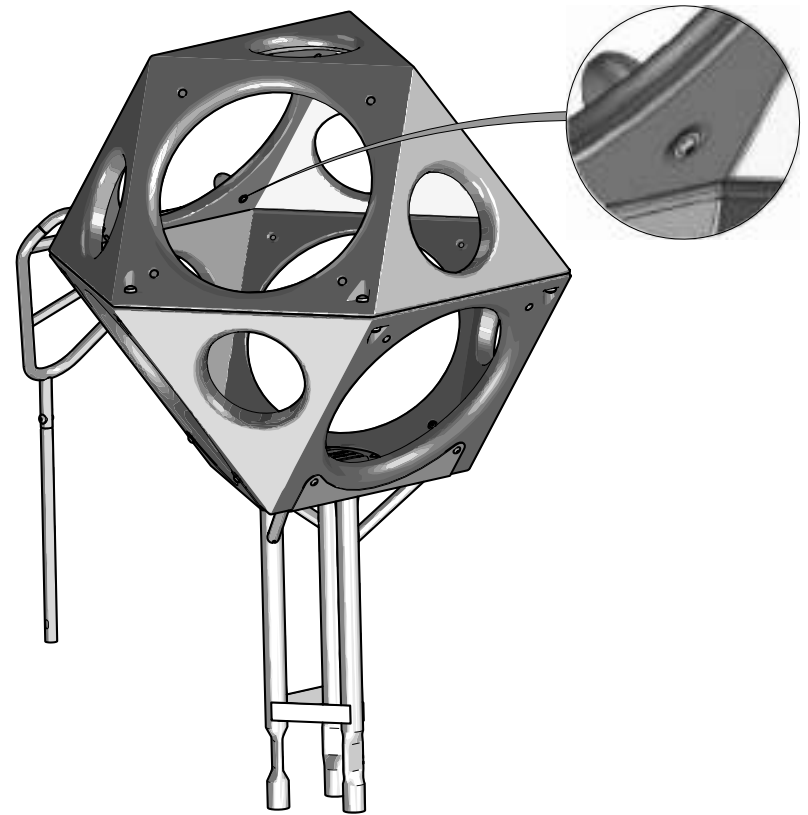


Detail C-2

Step 6

(Plastic PlayCube)

Attach the Poly Climber to the existing PlayCube.



Representative Model

Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete unless otherwise instructed.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate or prepare footings as shown in the **Component or Surface Mount Footing Details** on pages 4 and 5 of this installation document.

Step 4: Attach the footing leg / bracket to the Poly Climber. See **Detail A**. Insert the footing leg or bracket into the bottom of the climber, align the holes, and attach as shown.

Step 5 (if applicable): Remove the four rivets from the existing PlayCube. See **Detail B**. Refer to the Master Layout Drawing for correct placement of the climber, and remove the rivets.

Step 6: Attach the Poly Climber to the existing PlayCube. See **Details C-1 and C-2**. Place the climber in or on its designated footing hole and position the climber against the outside of the PlayCube. For installation of climber to a Steel PlayCube, refer to **Detail C-1**. For installation of climber to a plastic PlayCube, refer to **Detail C-2**. Attach as shown.

Final Details.

Step 7: Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

In-ground Mount: Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Surface Mount: Bolt down all surface mount supports in accordance with specifications provided by your registered structural engineer.

Important Note: Surface mount hardware is not supplied. Customer is responsible for concrete base and for providing surface mount hardware as specified by a registered structural engineer for each specific project application.



UN8761 - POLY CLIMBER - SMALL IN-GROUND MOUNT

PART NO.	DESCRIPTION	QTY.
AAU6228	SPACER - BUTTON HEAD NUT	2
ACL0434	CLIMBER - PLAYCUBES TRIANGLE	1
AFM9373	FAB METAL - 1.315" O.D. x 26.00" LEG	1
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	2
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	1
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	2
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	2
BAE1672	NUT - 3/8"-16 x 11/16" BUTTON HEAD	1

UN8761S - POLY CLIMBER - SMALL SURFACE MOUNT

PART NO.	DESCRIPTION	QTY.
AAU6228	SPACER - BUTTON HEAD NUT	2
ACL0434	CLIMBER - PLAYCUBES TRIANGLE	1
AFR2423	FRAME - 5.00" x 8.00 x 4.00" LEG (SM)	1
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	2
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	1
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	2
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	2
BAE1672	NUT - 3/8"-16 x 11/16" BUTTON HEAD	1



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Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect drive rivets to insure they are intact and secure.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

Footings

- Inspect component to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

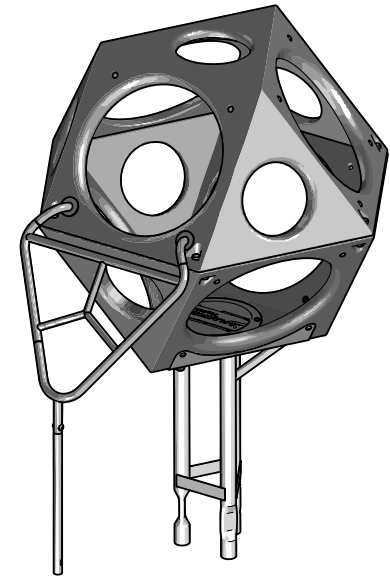
- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance

Universal Models

UN8761 and UN8761S

Poly Climber - Small



Inspection Form

Preventive Maintenance

... for Safety's Sake!

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect surfacing to insure proper depth and distribution.	High			
Inspect footing to insure support is secure and footing is not damaged.	Low			
Inspect metal parts for structural and finish damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			

Inspection Codes
P = Pass F = Fail
NA = Not Applicable

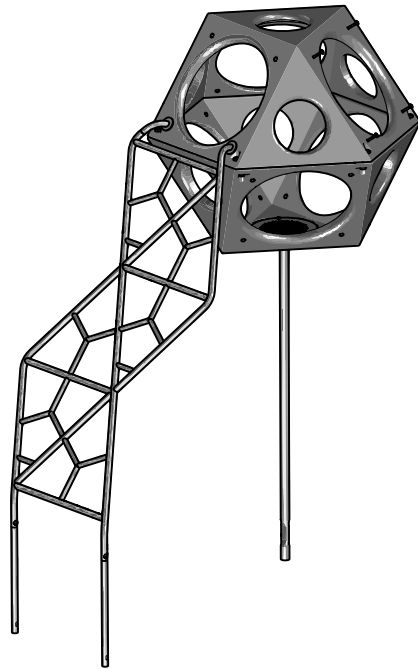
Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___





Assembly View (representative structure)








Installation Instructions

Universal Model UN8762 and UN8762S
Poly Climber - Large
In-Ground and Surface Mount

Installation Preparation

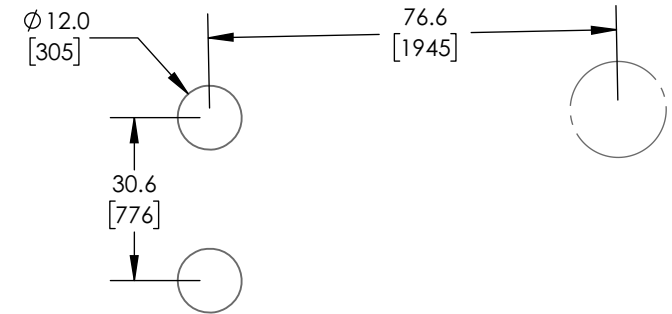
Recommended Crew: Two (2) adults
 Installation Time (In-Ground): 2 man-hours
 Installation Time (Surface Mount): 1 man-hour
 Concrete Required: 0.06 cubic yard (0,04 cubic meters)
 Use Zone: Refer to the Master Layout Drawing
 User Group Age (years): ASTM/CSA: 5-12, EN: 6-14

ICON KEY

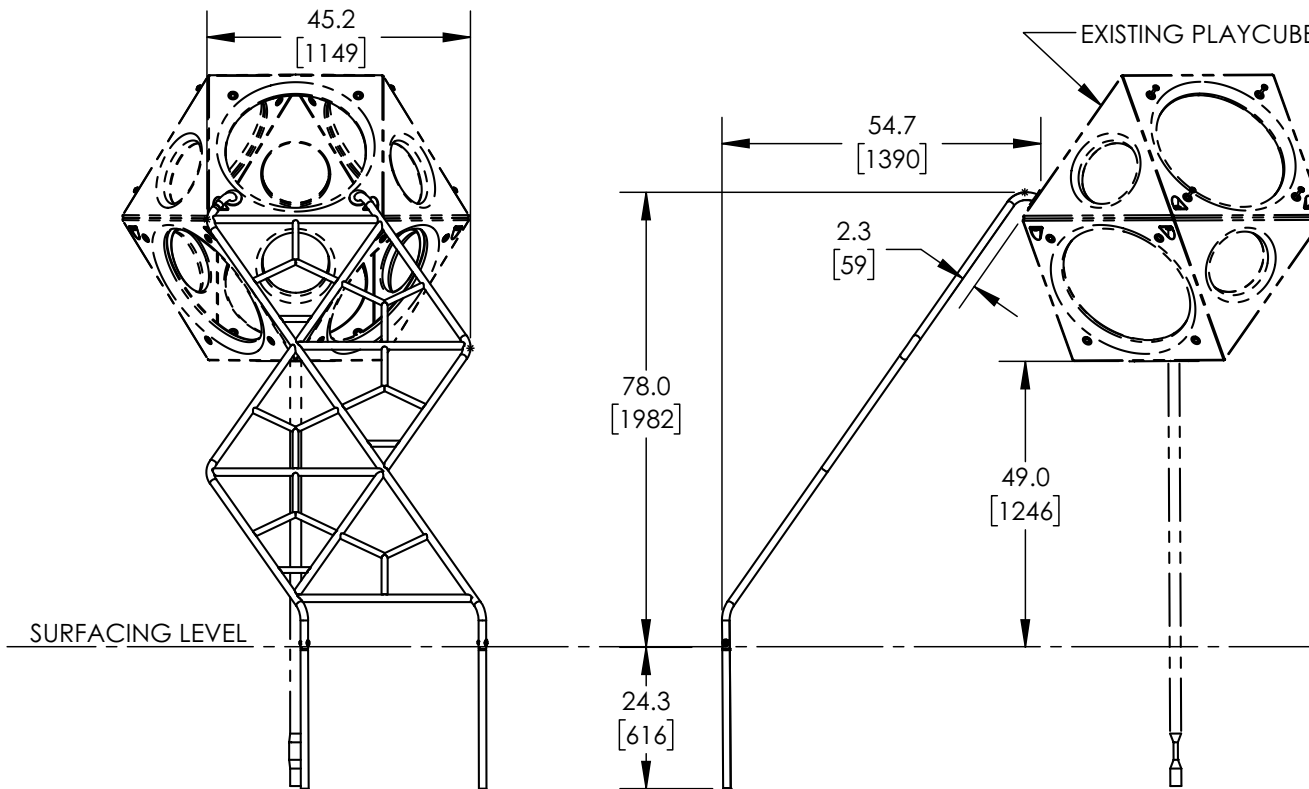
	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]



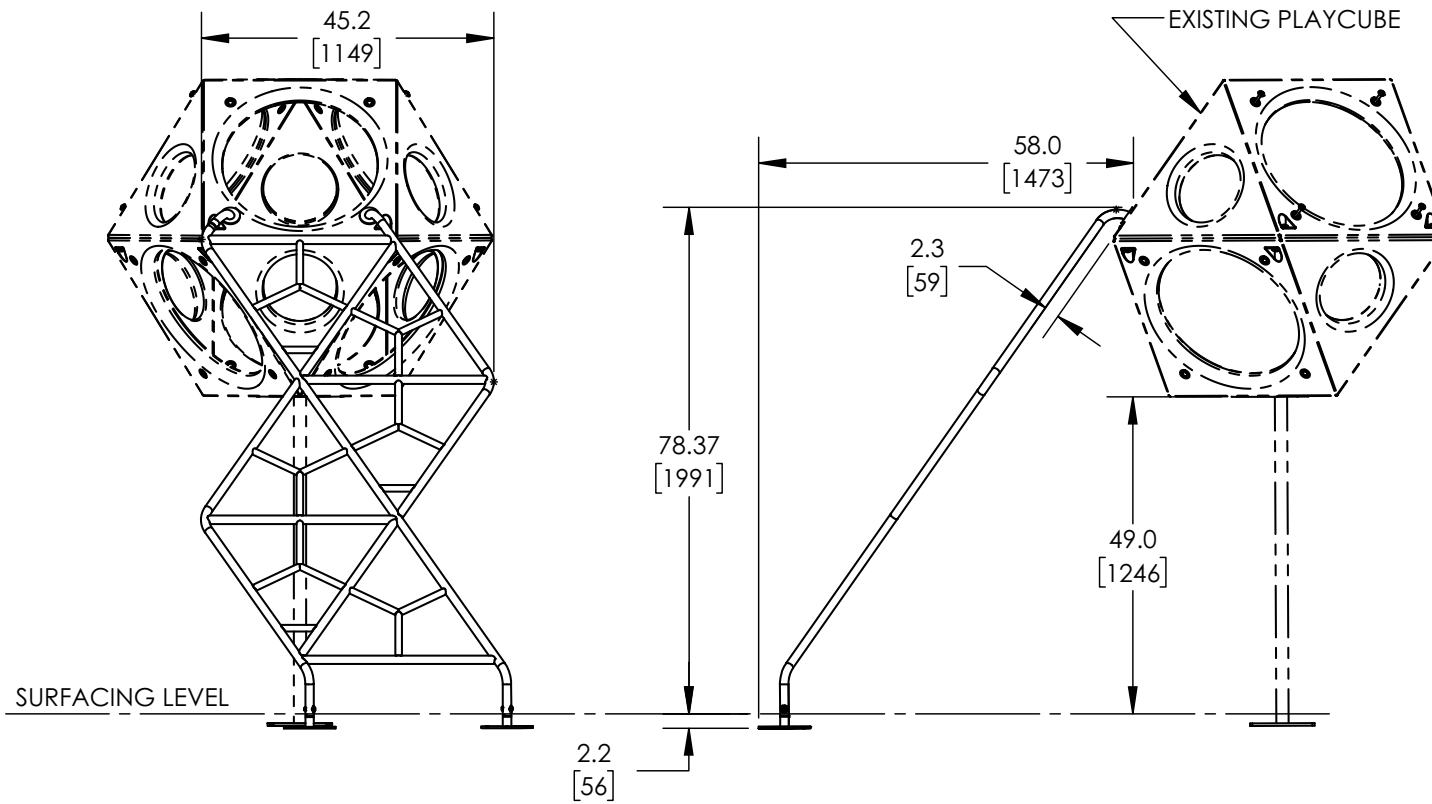
Footing Diagram
(Both Models)



Elevation Views
UN8762



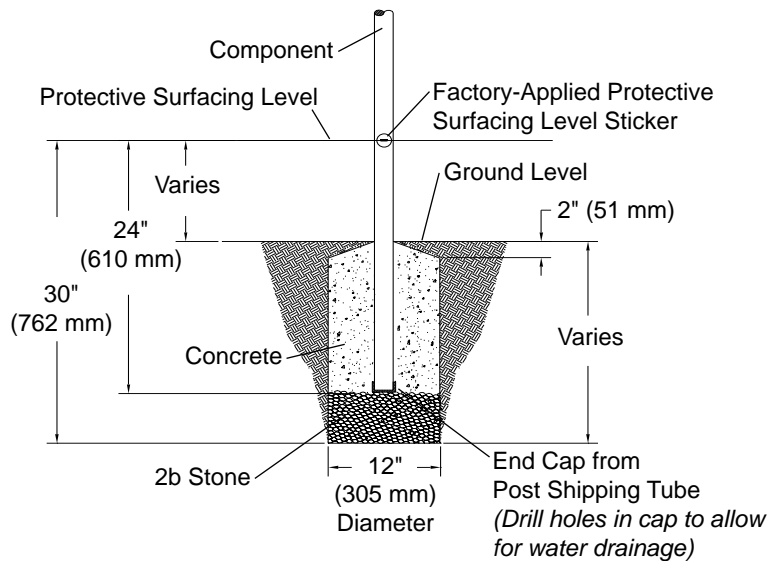
Installation Instructions



Elevation Views
UN8762S



Installation Instructions



Component Footing Detail (ASTM/CSA)

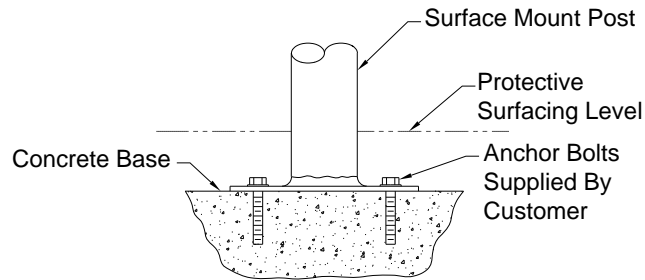
FOOTING NOTES

- Component footing depth equals 30 in. (762 mm) less the depth of the protective surfacing material. The post is designed to have 12" (305 mm) in concrete.

Example: If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 18 in. (457 mm).

- Most support posts and component support legs will have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Do not encase bottom of support post in concrete. Place post directly on packed stone.
- The footings shown on Playworld Systems' documentation are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by the owner based on actual soil conditions.
For example:
 - If local soil is loose or unstable, a larger footing may be required.
 - If local soil is considered stable, such as bedrock, clay or hard packed earth, a smaller footing may be used. Before changing footing dimensions, we strongly recommend that the footings be reviewed and approved by a registered engineer.
- Base of footing must be below frost line.
- Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.

Installation Instructions



Surface Mount Footing Detail

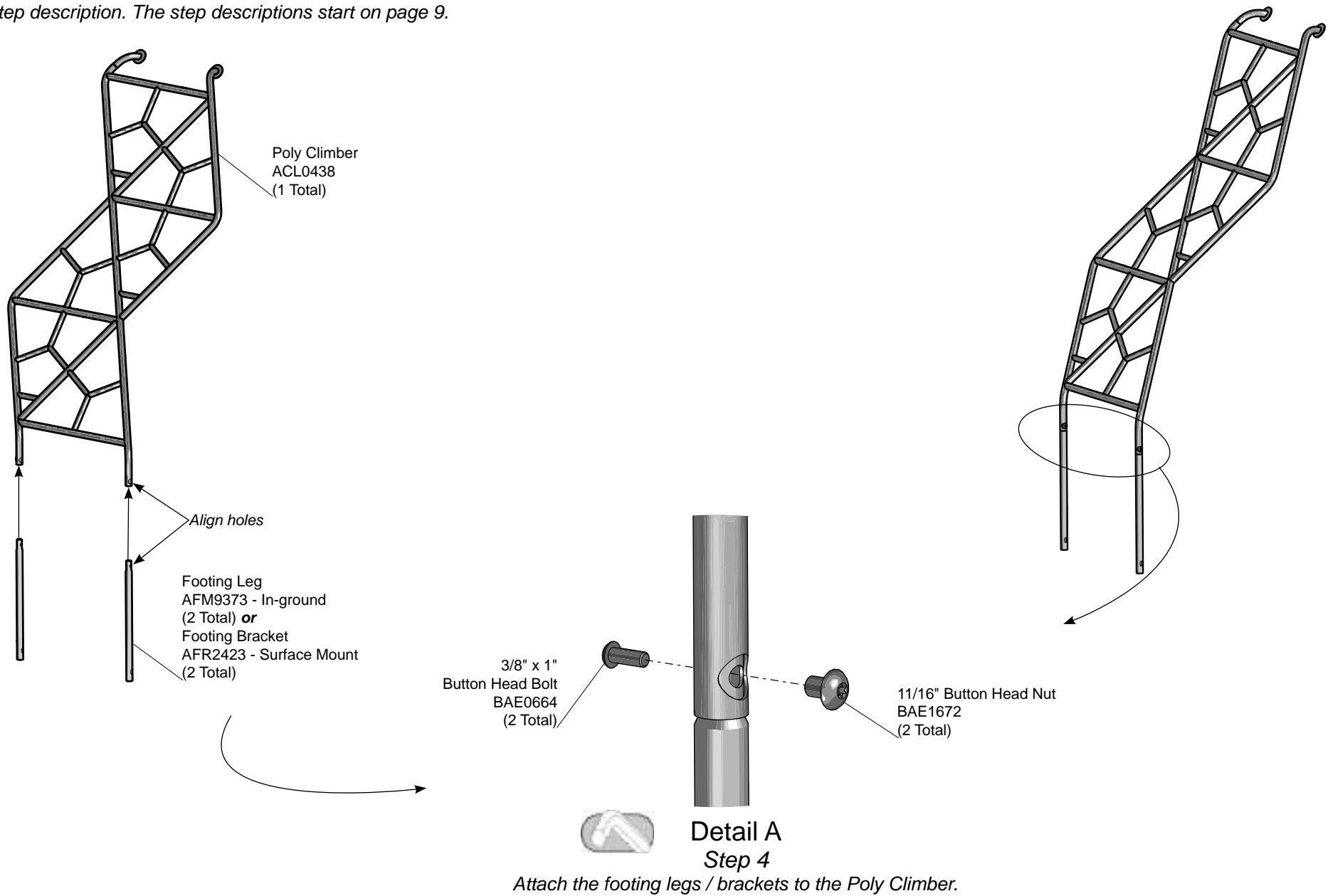
FOOTING NOTES

- All support posts and component support legs may have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- Footing size may vary due to local soil and weather conditions.
- Base of footing must be below frost line.
- Comparison of protective surfacing materials is available in [Handbook for Public Playground Safety](#) published by U. S. Consumer Product Safety Commission.

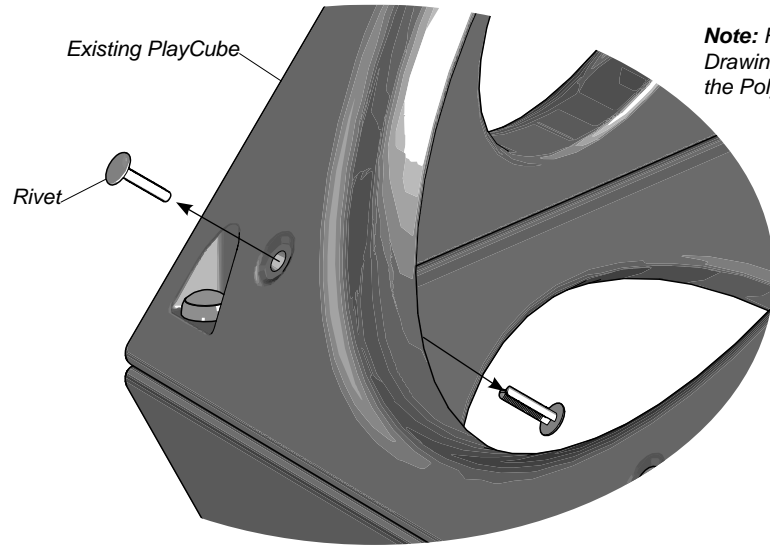
Surface mount hardware is not supplied. Customer is responsible for concrete base and providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 9.

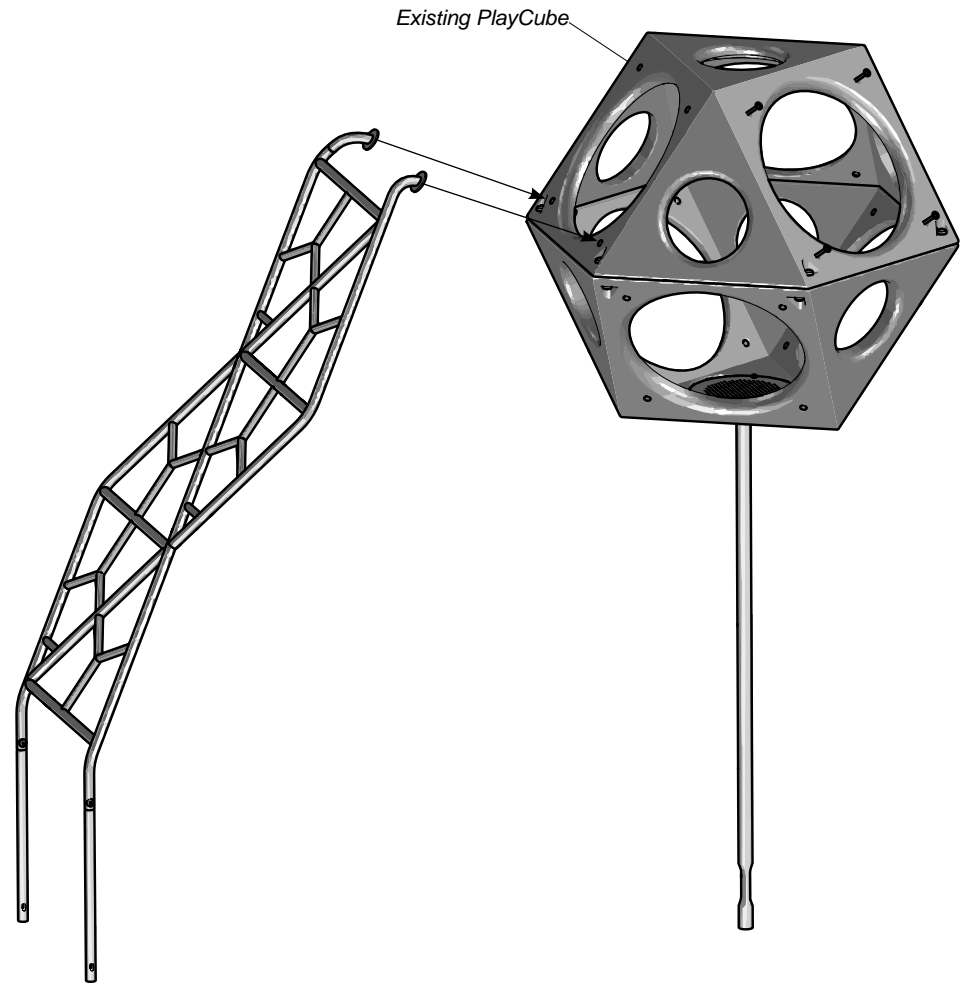


Installation Instructions

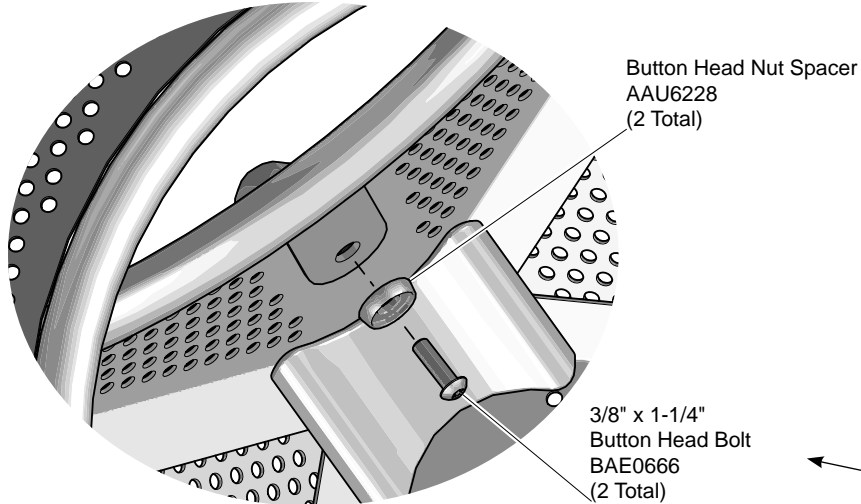


Note: Refer to Master Layout Drawing for correct placement of the Poly Climber.

Detail B
Step 5 (If Applicable)
Remove the four rivets from the existing PlayCube.



Installation Instructions

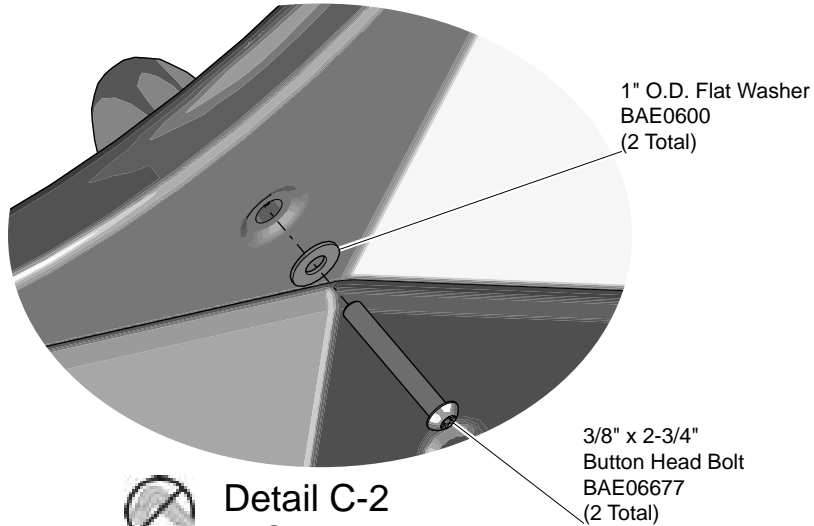


Detail C-1

Step 6

(Steel PlayCube)

Attach the Poly Climber to the existing PlayCube.

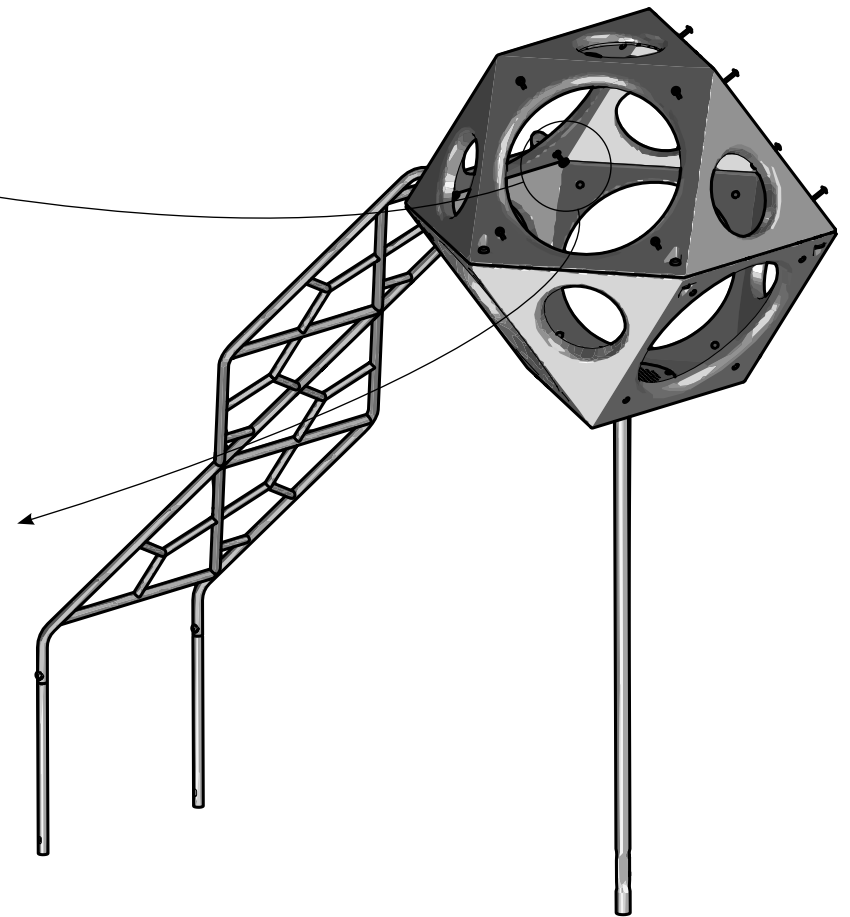


Detail C-2

Step 6

(Plastic PlayCube)

Attach the Poly Climber to the existing PlayCube.



Representative Model



Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete unless otherwise instructed.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate or prepare footings as shown in the **Component or Surface Mount Footing Details** on pages 4 and 5 of this installation document.

Step 4: Attach the footing leg / bracket to the Poly Climber. See **Detail A**. Insert the footing leg or bracket into the bottom of the climber, align the holes, and attach as shown.

Step 5 (if applicable): Remove the four rivets from the existing PlayCube. See **Detail B**. Refer to the Master Layout Drawing for correct placement of the climber, and remove the rivets.

Step 6: Attach the Poly Climber to the existing PlayCube. See **Details C-1 and C-2**. Place the climber in or on its designated footing hole and position the climber against the outside of the PlayCube. For installation of climber to a Steel PlayCube, refer to **Detail C-1**. For installation of climber to a plastic PlayCube, refer to **Detail C-2**. Attach as shown.

Final Details.

Step 7: Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

In-ground Mount: Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Surface Mount: Bolt down all surface mount supports in accordance with specifications provided by your registered structural engineer.

Important Note: Surface mount hardware is not supplied. Customer is responsible for concrete base and for providing surface mount hardware as specified by a registered structural engineer for each specific project application.



UN8762 - POLY CLIMBER - LARGE IN-GROUND MOUNT

PART NO.	DESCRIPTION	QTY.
AAU6228	SPACER - BUTTON HEAD NUT	2
ACL0438	CLIMBER - PLAYCUBES CLIMBER	1
AFM9373	FAB METAL - 1.315" O.D. x 26.00" LEG	2
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	2
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	2
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	2
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	2
BAE1672	NUT - 3/8"-16 x 11/16" BUTTON HEAD	2

UN8762S - POLY CLIMBER - LARGE SURFACE MOUNT

PART NO.	DESCRIPTION	QTY.
AAU6228	SPACER - BUTTON HEAD NUT	2
ACL0438	CLIMBER - PLAYCUBES CLIMBER	1
AFR2423	FRAME - 5.00" x 8.00 x 4.00" LEG (SM)	2
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	2
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	2
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	2
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	2
BAE1672	NUT - 3/8"-16 x 11/16" BUTTON HEAD	2



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Fasteners

- Inspect for loose fasteners.
Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect drive rivets to insure they are intact and secure.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

Footings

- Inspect component to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

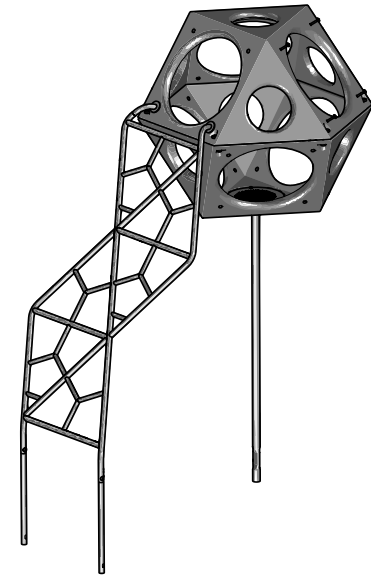
Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance Universal Models UN8762 and UN8762S Poly Climber - Large In-ground and Surface Mount



Inspection Form

Preventive Maintenance

... for Safety's Sake!

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect surfacing to insure proper depth and distribution.	High			
Inspect footing to insure support is secure and footing is not damaged.	Low			
Inspect metal parts for structural and finish damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			

Inspection Codes
P = Pass F = Fail
NA = Not Applicable

Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

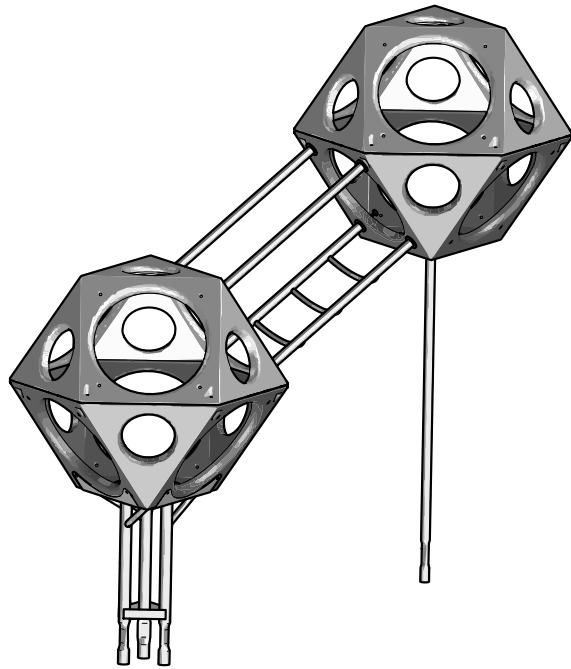
Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___



Installation Instructions








Universal Model UN8768
Inclined Passage



Assembly View (representative structure)

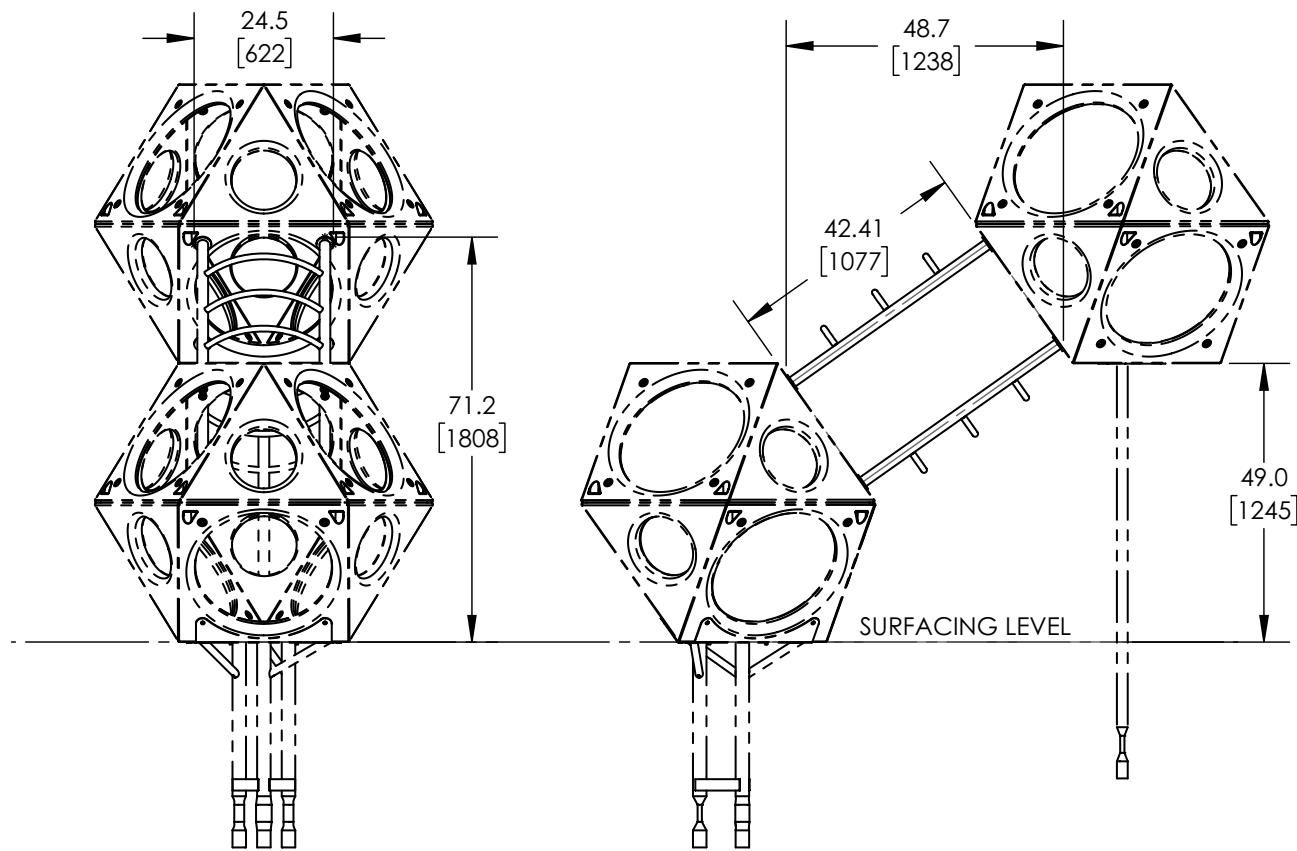
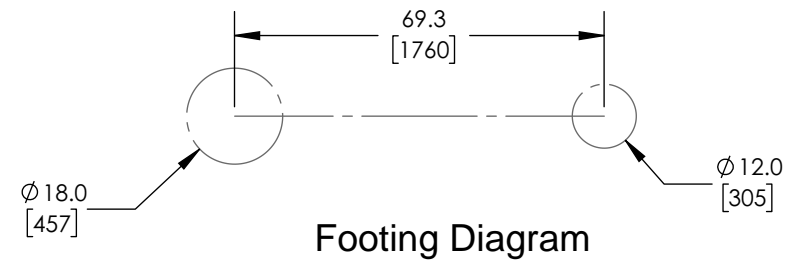
Installation Preparation

Recommended Crew: Two (2) adults
 Installation Time: 1 man-hour
 User Group Age (years): ASTM/CSA: 5-12

ICON KEY			
	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

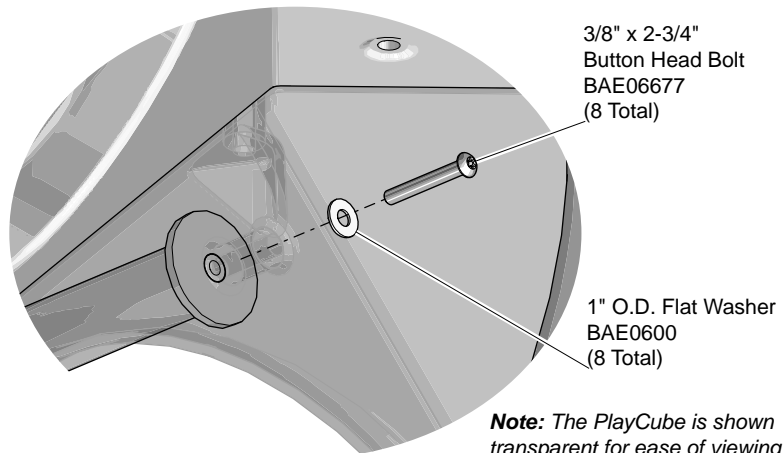


Elevation Views



Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 4.



3/8" x 2-3/4"
Button Head Bolt
BAE06677
(8 Total)

1" O.D. Flat Washer
BAE0600
(8 Total)

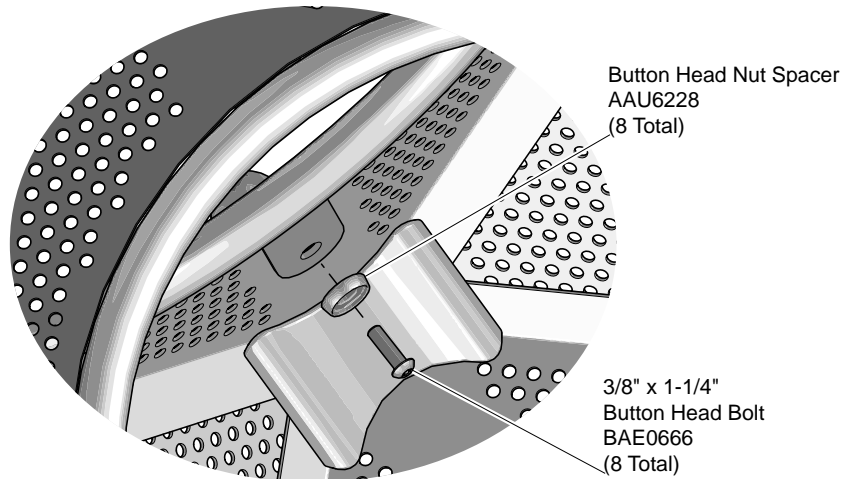
Note: The PlayCube is shown transparent for ease of viewing the connection.



Detail A-1 Step 3

(Plastic PlayCube)

Attach the climber and rails to the existing PlayCubes.



Button Head Nut Spacer
AAU6228
(8 Total)

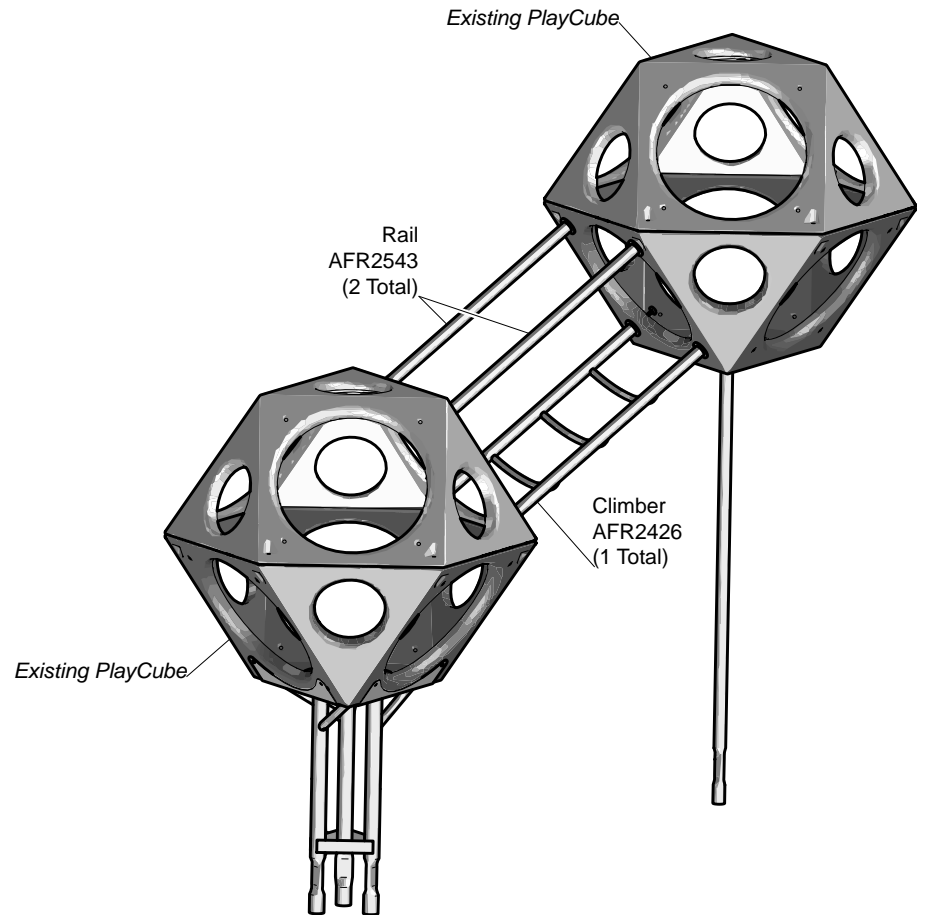
3/8" x 1-1/4"
Button Head Bolt
BAE0666
(8 Total)



Detail A-2 Step 3

(Steel PlayCube)

Attach the climber and rails to the existing PlayCubes.



Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete unless otherwise instructed.

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Attach the climber and rails to the existing PlayCubes. See **Details A-1 and A-2**. Position the climber and rails as shown between the existing PlayCubes. For installation to plastic PlayCubes, refer to **Detail A-1**. For installation to steel PlayCubes, refer to **Detail A-2**.

Final Details.

Step 4: Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.



UN8768 - INCLINED PASSAGE

PART NO.	DESCRIPTION	QTY.
AAU6228	SPACER - BUTTON HEAD NUT	8
AFR2426	FRAME - 24.50" x 42.38" TUNNEL CLIMBER	1
BAE0600	1" O.D. x .437" I.D. STAINLESS STEEL FLAT WASHER	8
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	8
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	8
AFR2543	FRAME - 3.00" O.D. x 42.38"	2



For Customer Service, Call
800-233-8404 or
570-522-9800 OUTSIDE U.S.
1000 Buffalo Road • Lewisburg, PA 17837
www.playworld.com



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Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

Labels

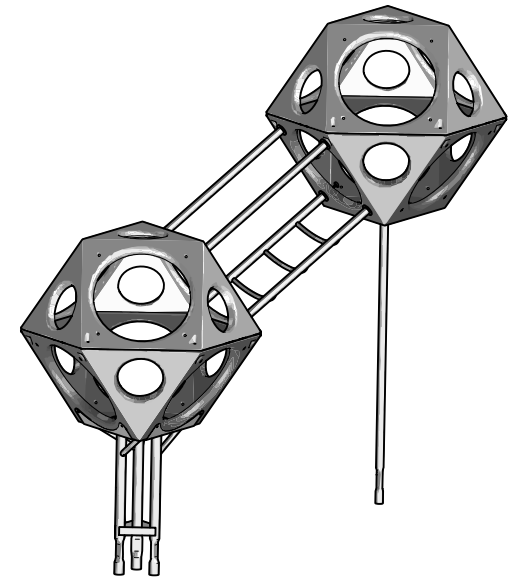
- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance

Universal Model UN8768 Inclined Passage



Inspection Form

Preventive Maintenance

... for Safety's Sake!

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect surfacing to insure proper depth and distribution.	High			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect metal parts for structural and finish damage.	Medium			

Inspection Codes

P = Pass **F** = Fail

NA = Not Applicable

Inspector: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___

MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) _____ Signature: _____ Date: ___ / ___ / ___



Installation Instructions

Bill of Materials

Carefully read and understand these installation instructions before you begin.

Step 1: Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the phone number shown on the last page of these instructions.

Step 2: Choose a conspicuous location that will be visible to adults. Each composite play structure and each independent (non "play functionally linked") unit must have a label applied.

All three age labels are included. Only apply the age label that is appropriate for your equipment, in addition to the warning and play safe label.

Step 3: Follow instructions for the type of structure or unit. The age range on the label should match the age range listed on the master composite structure top view drawing, or on the independent item's installation instructions.

Composite structures: Apply label approximately 4 ft. to 5 ft. (1219 to 1524 mm) above the resilient surfacing material on a support post. Surface must be clean and dry before applying the label.

Independent items: Apply label in the line of sight above the resilient surfacing material on a support post or vertical surface. Surface must be clean and dry before applying the label. For smaller components (i.e. spring riders), place label on the back or side of the unit - not on the spring.

Important Note: Do not place label on rotationally-molded plastic parts, coated parts, or locations where children may step and wear off label.

Step 4: Remove backing sheet from label and apply label in position. Using the backing sheet, rub the label to smooth into place removing any wrinkles.

XX0678 - COMPOSITE STRUCTURE LABEL KIT FOR ASTM

PART NO.	DESCRIPTION	QTY.
ASY0581	LABEL KIT - COMPOSITE STRUCTURE - ASTM	1





Important Information About Your Recreation Equipment

Installer's Manual

How to Receive
and Prepare for
Equipment
Installation



SHIPMENT INFORMATION

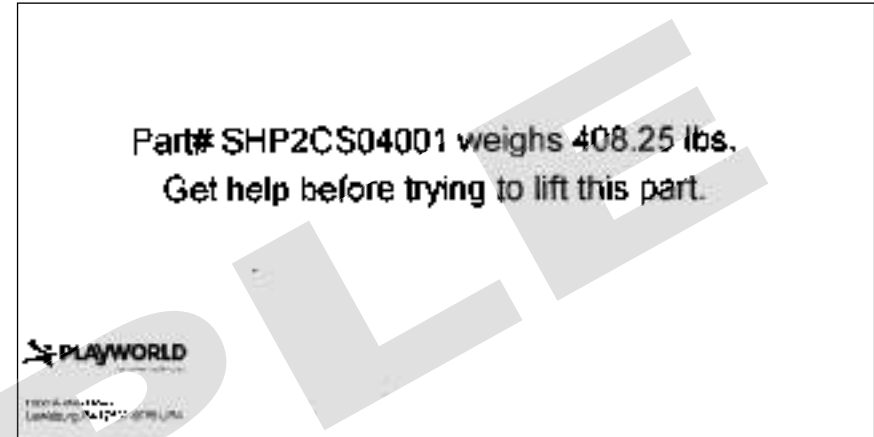
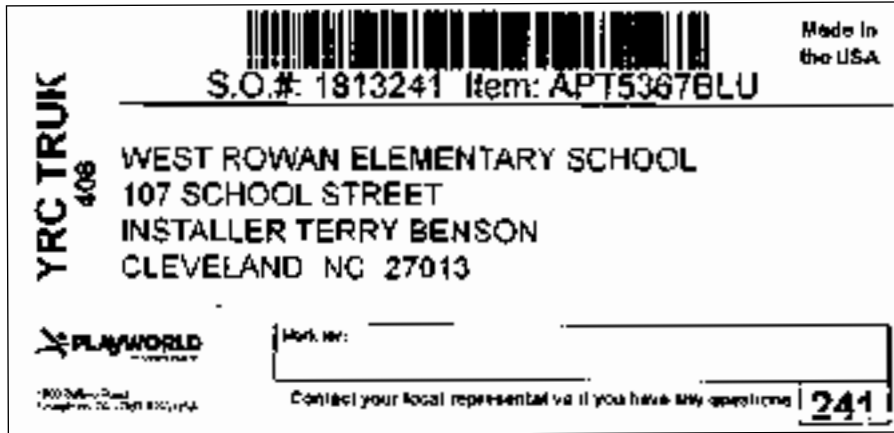
RECEIVING THE SHIPMENT

- When your shipment arrives, the truck driver's only responsibility will be to move the freight to the back of the truck. **You** will be responsible for unloading the items and verifying that the shipment is complete and in good condition. Call your Playworld representative if you are not sure how many people you will need to unload the truck.
- The truck driver should hand you a small packet of papers when he delivers your equipment. If he doesn't give it to you, please be sure to ask him for this packet **before** you unload the truck. This packet contains some very important information.
- **The first sheet in the packet will be labeled "URGENT". Please read this before you start unloading your equipment.** It will explain what to do if there is a problem (such as damage or missing parts) with your shipment.
- Each item in your shipment will have a shipping label attached to it. This label will display your address, Playworld sales order number (S.O. #) and an item number. The last three digits of the S.O.# print in the lower right corner of the shipping label to help you identify which items belong together and to help you sort and separate your shipment into individual orders. There is also a special "Mark For:" area on the shipping label that may help you sort and accumulate parts. If a piece on the truck is a consolidated item (usually a skid or a box), a "table of contents" label will also be attached to the item. This label tells you what was packed into each skid or box and will come in handy when you begin to unpack and assemble your unit. Examples of these labels can be found on page 4.
- You will also find in the packet a sheet labeled "CHECKLIST". This list will detail all items that Playworld has sent you and should be found on this truck. This Checklist displays the sales order number and item number of every piece you should be receiving. Examples of the Checklist can be found on page 5.
- As you unload the items from the truck please locate the item's shipping label and compare it against your Checklist. All items on the Checklist should be identified and verified when the truck has been completely unloaded. If this is true, then you have received everything Playworld has shipped and there are no problems. However, if there are items on the Checklist that you can not find please follow the instructions on the Urgent letter mentioned earlier.
- **Do Not Sign Anything Until You Have Unloaded And Checked Your Shipment Against The Checklist.** If you have any questions, please call your Playworld representative at the phone number printed on the "CHECKLIST".
- Some parts or consolidations (skids, boxes, etc.) may be very heavy and will require more than one person to lift or maneuver. These items will have a label on them stating their weight and directing you to get help. An example of this label is on page 4.
- The last piece of paperwork in the packet will be the "BREAKDOWN". This paper lists all the individual parts you have received for each sales order and how they have been packed. For instance, it may list a "skid". Listed below will be all the parts that are packed into this skid. One of the items packed in the skid may be a "box". Any parts packed into this box will be listed below the box. An example can be found on page 6.
- The Breakdown is really a compilation of all the shipping labels and table of contents labels for each sales order. After the delivery truck leaves, use the Breakdown along with the table of contents labels as you begin to unpack and assemble your order. As you open each item, make sure that the skid or box contains all the parts that the Breakdown says it should. Call your Playworld representative immediately if there is a discrepancy.
- By following these guidelines, you can ensure that your order is unloaded and verified in an easy and efficient manner. Remember, if you have any questions or problems, please call your Playworld representative.

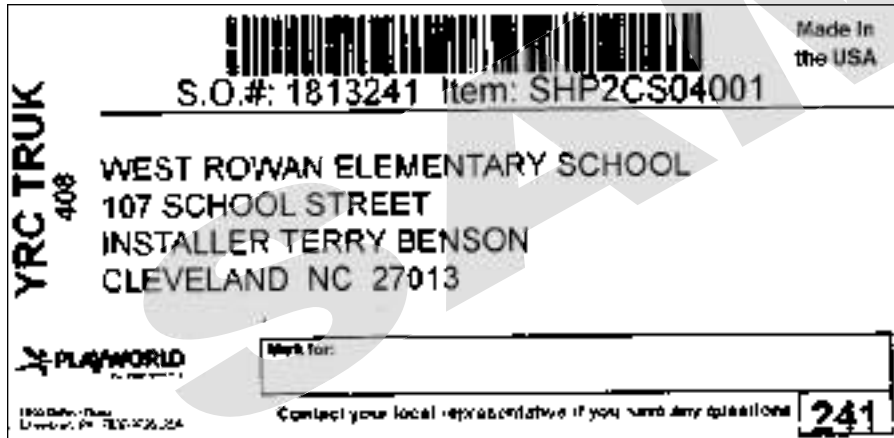


SHIPMENT INFORMATION

SAMPLE LABELS



Shipping Labels



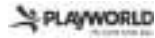
Quantity	Description - Match to Part Label
4	APM0603BLU APM0603 1/2" X 3/4" X 3/4" Metal 3/4" Dia. Nut
2	APR0714BLU APR0714 1/2" X 1/2" X 1/2"
5	APL1807YLW APL1807 1/2" X 1/2" X 1/2" W/1 TAG
1	APL1210YLW APL1210 1/2" X 1/2" X 1/2" W/1 TAG
1	APL1234BLU APL1234 1/2" X 1/2" X 1/2" W/1 TAG
1	APL1888YLW APL1888 1/2" X 1/2" X 1/2" W/1 TAG
4	APL2388YLW APL2388 1/2" X 1/2" X 1/2"
1	APL2455YLW APL2455 1/2" X 1/2" X 1/2"
1	APT5230BLU APT5230 1/2" X 1/2" X 1/2"
1	APC3714DGY APC3714 1/2" X 1/2" X 1/2" W/1 TAG
1	SH1CB010
1	SH1CBX003
1	SH1CBX004
1	SH1PBX002

Playworld S.O.#: 1813241 Item: SHP2CS04001

Table of Contents Label

SHIPMENT INFORMATION

SAMPLE CHECKLIST



CHECKLIST

12/06/2018
Page 1 Of 4

**WEST ROWAN ELEMENTARY SCHOOL
107 SCHOOL STREET
INSTALLER TERRY BENSON
CLEVELAND NC 27013**

Date Shipped: **12/06/2018**
Ship Via: **YRC TRUK**
Representative's PO: **22490-1**
Sales Order: **1813239**
Pro Number: **753541600**
Mark For:


Item	Quantity	Item Description
<input type="checkbox"/> ABC0159YLW	1	BRACK-118in X 14.38in X 2.75in DECK ACCESS W/ LBL AT 35in
<input type="checkbox"/> ACL0145PLM	1	LADDER- OVERHEAD ACCESS (3) RUNG W/ LABEL AT 24in
<input type="checkbox"/> ACL0201YLW	1	CLIMBER- THE HELIX
<input type="checkbox"/> ACL0229PLM	1	CLIMBER- 6ft TWISTED
<input type="checkbox"/> AEN0204PLM	1	BARRIER- ARCH ENTRY 66-15/32in X 30-1/2in
<input type="checkbox"/> AFM8191BLU	6	FAB METAL- 2.375in OD X 118in X 10GA
<input type="checkbox"/> AFR1994BLU	2	CONNECTOR- STANDARD END YOKE
<input type="checkbox"/> AFR1997BLU	5	CONNECTOR- STANDARD CENTER YOKE
<input type="checkbox"/> APT0066YLW	14	POST- 2.375in OD X 144in SWING W/LABEL AT 42in
<input type="checkbox"/> APT0483PLM	1	ROUNDAABOUT LADDER - CH
<input type="checkbox"/> BPL0093BLU	1	CLIMBER - 5ft END WALL SECTION
<input type="checkbox"/> BPL0096BLU	1	CLIMBER-7ft TO 5FT CURVED WALL SECTION RIGHT
<input type="checkbox"/> BPL3107BLU	1	TUBE- 45 DEGREE w/SLOTS w/o FLANGES
<input type="checkbox"/> BPL3108BLU	1	TUBE- 45 DEGREE w/SLOTS w/ FLANGE ON [B] SIDE
<input type="checkbox"/> CAP5040YLW	2	POST - 3.5in OD X 124in STEEL w/CAP AND LABEL AT 36in
<input type="checkbox"/> CAP5042YLW	4	POST - 3.5in OD X 136in STEEL W/ CAP AND LABEL AT 36in
<input type="checkbox"/> CAP5046YLW	4	POST - 3.5in OD X 160in STEEL W/ CAP AND LABEL AT 36in
<input type="checkbox"/> CSA0031	2	ASSY - ACCESSIBLE SWING SEAT
<input type="checkbox"/> FBLWS04001	1	Consolidated Item
<input type="checkbox"/> INSTBX001	1	Consolidated Item
<input type="checkbox"/> KPL0005	1	DRIVE AWAY HALF PANEL (CH)
<input type="checkbox"/> NBPLBX004	1	Consolidated Item

If you have any problems, contact: your Playworld representative



SHIPMENT INFORMATION

SAMPLE BREAKDOWN



Sales Order Breakdown

** For Warranty and Replacement Issues - Please keep for your records **

12/06/2018
Page 1 Of 3

Listed below are all the items you have received in your shipment for this sales order, as indicated on your shipment checklist. To assist you in locating the various parts and pieces of your order, this document shows what is packed into each of the major packages you have received. As you unpack, please check off each item. If you are missing any items, please call your Playworld Systems, Inc. representative.

WEST ROWAN ELEMENTARY SCHOOL
107 SCHOOL STREET
INSTALLER TERRY BENSON
CLEVELAND NC 27013

Date Shipped: **12/06/2018**
 Ship Via: **YRC TRUK**
 Representative's PO: **22490-A**
 Sales Order: **1813241**
 Mark For:

Qty	Item#	Description	Qty	Item #	Description
1	AFR1822BLU	FRAME- DOUBLE SHAKER RINGS ARCH (LEFT)	1	AMC0838BLK	ROPE- H - W/ FERRULE CASTINGS
1	AFR1824BLU	FRAME- PYRAMID ARCH	1	AMC0839BLK	MIDDLE NET
1	AFR1857BLU	FRAME- 9ft ARCH W/ 7 TABS - RIGHT END	1	AMC0867BLK	ROPE- 12.67in W/ 2 SHACKLE CASINTGS
1	AFR1858BLU	FRAME- 10ft ARCH W/ 4 TABS - RIGHT END	1	AMC0868BLK	ROPE- 17.17in W/ 2 SHACKLE CASINTGS
1	AFR1909BLU	FRAME- DOUBLE SHAKER FOOTER	1	AMC0869BLK	ROPE- 45.63in W/ 1 SHACKLE AND 1 COVER SHACKLE
1	AFR1933BLU	FRAME- ARCH SUPPORT(LEFT)	4	AMC0878BLK	ROPE- 5/8in DIA X 21.92in W/ COVER AND SHACKLE
1	AFR1937BLU	FRAME- ARCH SUPPORT(RIGHT)	1	AMC0879BLK	ROPE- 5/8in DIA X 32.88in W/ 2 COVERS
1	AFR1938BLU	FRAME- PYRAMID ROPE FOOTER	1	AMC0880BLK	ROPE- 5/8in DIA X 53.24in W/ 2 COVERS
1	APT5361BLU	POST- 221.27in X 16.2in X 7.43in (SINGLE TAB)(DBL ARCH)	1	AMC0895	TOP BELT- .38in X 16.6in X 23.88in W/ HOLES
1	APT5367BLU	POST- 153.92in X 16.45in X 10.06in (SINGLE TAB)(DBL ARCH)	1	AMC0896	BOTTOM BELT- .38in X 15.43in X 47.12in W/ HOLES
1	INSTBX001	CONTAINS ITEMS BELOW	1	AMC0897BLK	ROPE- 5/8in DIA X 89.4in W/ FERRULE CASTINGS
1	AMC0461	HARDWARE GUIDE	1	AMC0921BLK	ROPE- 5/8in DIA X 30.75in W/ CASTINGS
1	AUN9988	ACTIVO MAINTENANCE KIT FLAG	1	AMC0940BLK	NET- PYRAMID W/ BALANCE
1	NBPLCS04002	CONTAINS ITEMS BELOW	1	AMC0941BLK	NET- PYRAMID W/ BALANCE
1	AAU0204CHR	6.87in TRACTION PAD	1	AMC0942BLK	NET- PYRAMID W/ BALANCE
1	AAU0205CHR	4.88in TRACTION PAD	1	bpl0282ylw	ACTIVO STEP (BACK)
21	AAU6221	MEMBRANE CASTING MALE	1	bpl0283ylw	ACTIVO STEP (FRONT)
21	AAU6222	MEMBRANE CASTING FEMALE	1	SHP2CS04001	CONTAINS ITEMS BELOW
1	AMC0831BLK	ROPE- 5/8in DIA X 128.64in W/ FERRULE CASTINGS	4	AFM0633BLU	ANCHOR- 3-1/2in OD X 34in W- 8in DIA. PLATE
1	AMC0833BLK	ROPE- 5/8in DIA X 28.5in W/ FERRULE CASTINGS	2	AFR0734BLU	FRAME- 5in x 34.12in
1	AMC0834BLK	ROPE- 5/8in DIA X 14.5in W/ FERRULE CASTINGS	3	afr1807YLU	FRAME- 1.9in OD X 40in DIA W/ 3 TABS
1	AMC0835BLK	ROPE- 5/8in DIA X 44in W/ FERRULE CASTINGS	1	afr1813YLU	FRAME- 1.9in OD X 40in DIA W/ 3 TABS
1	AMC0836BLK	ROPE- 5/8in DIA X 27in W/ FERRULE CASTINGS	1	afr1854BLU	BRACKET- 25in X 24.64in X 31.82in
1	AMC0837BLK	ROPE- 5/8in DIA X 37in W/ FERRULE CASTINGS	1	afr1889YLU	FRAME- 1.9in OD X 40in DIA W/ 3 TABS
			4	apl2399YLU	TAB- .5in X 2.94in X 1.98in

If you have any questions, contact: your Playworld representative



INSTALLER'S MANUAL

IMPORTANT! Out of an abundance of caution, and in order to provide optimal protection against head injuries due to falls from most playground equipment heights, we recommend that you install and maintain a minimum finished depth of twelve (12) inches of loose fill surfacing under and around playground equipment. A 12-inch finished depth should allow for some compaction and settling of loose fill surfacing that may occur between regular surfacing inspection and maintenance, and will help to prevent the occurrence of serious head injuries caused by falls to the surface. If unitary protective surfacing material is being installed, the impact attenuation of the protective surfacing should be rated to have a critical height value of at least the height of the highest accessible part of the equipment. The critical height for surfacing is to be rated in accordance with the ASTM standard, designated F-1292, *A Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment*. Contact the manufacturer of unitary protective surfacing materials (rubber matting or pour-in-place) for the critical height rating for their products.

PREPARE FOR INSTALLATION

Safety First...Before starting construction, check with all utility companies for exact locations of underground utilities.

Pre-installation Checklist

- Check for underground and overhead utilities.
- Make certain that the selected site is large enough for your play system(s) and for the minimum protective area(s) in your Top View Drawing or individual installation instruction.
- It is recommended that younger children have separate areas with appropriately sized equipment to serve their developmental levels.
- Make certain that all site preparation is complete, including site leveling and debris removal.
- It is important that the sub-surface (i.e. the plane beneath the protective surfacing materials) be able to drain well, to eliminate standing water. If the sub-surface does not drain naturally, it must be tiled or sloped at 1/8" to 1/4" per foot to a "French Drain" or similar system. Larger play systems may require more than one "French Drain" to allow drainage from the center of the play area to decrease the overall slope.
- If your play system installation is to be "Community Built" by volunteers rather than professional installers, we recommend contracting the services of a professional installer to supervise the initial stages of the installation. we also recommend the formation of a committee to handle tasks such as equipment gathering, work teams and assignments, etc. Being prepared for various contingencies will avert common mistakes and save the installers valuable time and effort.



INSTALLER'S MANUAL

Important Notes

- Before starting construction, check with all utility companies for exact locations of underground utilities.
- When selecting areas for play equipment, consideration should be given to soil types and subgrade characteristics.
- The purchaser and/or installing contractor will be responsible for proper installation, including proper footings. The footing sizes shown in the installation instructions area appropriate for stable, compacted soil. If the soil is not stable and compacted, or if any other environmental conditions exist (such as constantly wet soil, deep frost line, etc.) then the footing sizes may need to be increased. For example, to reduce frost heave, footing sides should be smooth, and footings may be excavated deeper.
- The purchaser and/or installing contractor will be responsible for installing acceptable impact absorbing surfacing material in the playground area, which is generally recommended to be beneath all play structures, as well as a minimum of 72 inches out from the edges of all play structures. It is the purchaser's responsibility to maintain these areas properly after installation, ensuring that abnormal and unsafe compaction does not occur in these areas. It is recommended that compaction tests be made several times per year. When compaction occurs, it is recommended that the area affected be scarified or additional loose fill material be added until the area is soft and resilient.

WARNING: Contact burn injuries can occur when metal play surfaces are located in direct sun. To avoid the risk of such burn injuries, the United State Consumer Product Safety Commission recommends in its "Handbook for Public Playground Safety" that metal play surfaces, such as stainless-steel slides and bare or painted components, be placed/installed in shaded areas, out of direct sunlight, and steel slides facing North. The proper location of metal play surfaces must be addressed during the play area planning process.

SUGGESTED TOOLS & EQUIPMENT FOR PLAY SYSTEM INSTALLATION

1. Concrete for footings. Refer to each component's Product Specifications for required amounts.
 - 2000 PSI (minimum)
 - 3000 PSI (minimum if freezing conditions exist)
2. Digging equipment for footing holes (skidsteer with post hole auger, posthole digger, spade shovels, etc.)
3. Patio blocks or gravel for every footing hole (water drainage).
4. Wheelbarrow or concrete mixer with 5-gallon bucket(s); water supply and garden hose.
5. Generator/power source; electrical gang box and extension cord(s).
6. Step ladders (6 ft. and 8 ft.)
7. String line and stakes (or transit) to aid in layout.
8. Saw horses.
9. Levels: (2) 9" magnetic torpedo levels and (1) 4' carpenter's level.
10. Tape measures: (1) 25' and (2) 100'.
11. Combination wrench set: 7/16" (11 mm), 1/2" (13 mm), 9/16" (14 mm) and 3/4" (19 mm).
12. Allen wrenches or hex keys set: 3/16" (5 mm), 7/32" (6 mm), 1/4" (7 mm) and 5/16" (8 mm).
13. Ratchet set w/Sockets: 5/16" (8 mm), 7/16" (11 mm), 1/2" (13 mm), 9/16" (14 mm) and 3/4" (19 mm)
14. Screwdrivers.
15. Drift pins.
16. Utility knife.
17. C-clamps, vice grips, and ratchet straps.
18. Battery powered drill and various sized drill bits: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" and 1/2"
19. Battery powered Impact wrench (optional; use extreme caution to avoid damaging parts).
20. Hammers: standard and rubber mallet.
23. Crane or Skidsteer to lift heavy parts slides into place (such as larger roofs).
25. Felt tip pens (washable) for marking clamp locations.
28. Jacks, support stands, or blocks to mechanically suspend components while concrete sets.
29. Hand-held grinder.
30. 4" cut-off wheel.
31. Tap & die set: 3/8"-16
32. Bolt cutter, 24"



INSTALLER'S MANUAL

COMPOSITE STRUCTURE INSTALLATION GUIDELINES

- Make certain that all installers understand the safety information provided in this Manual. Follow the manufacturer's instructions to install components.
- Complete the Pre-Installation Check List as noted previously in this manual. Do NOT proceed with installation until all conditions are met.
- Identify all parts and thoroughly read the assembly instructions before beginning construction.
- Lay out all parts received and separate them by component. All parts have a part number on them that corresponds to the Bill of Material.
- Use small buckets, coffee cans, etc. to keep hardware pieces separated.
- Site layout is a critical part of the overall installation. Footings must be measured and marked accurately according to the footing diagram. A level and clear installation site is ideal.
- Do not leave the job site unattended. Make sure all fastening hardware are tightened appropriately.
- Rope off construction area and cover all empty holes with plywood or other suitable material.
- Good drainage around the structure and its supports is critical for protective surfacing.
- After laying out all footings and before digging holes, determine the depth of the protective surfacing you are going to install before you excavate footings. The depth of protective surfacing will affect the depth of footing.
- Refer to your playground equipment top view drawing and footing diagram to validate the equipment purchased will fit into your selected site area.
- The dimensions of Use Zones vary based upon the applicable standard for your location. Refer to the top view layout drawing for minimum use zone necessary for the equipment in your area.
- When building the structure, the recommended order of assembly is: 1) posts, 2) decks, 3) bridging components that will set and square distances between decks, 4) barriers and full roofs that will add to the stability and rigidity of the structure, 5) climbers and ground based components, and 6) partial roofs and non-structural components.
- Install components in accordance with the height or dimensional values specified in the installation instructions.
- **IMPORTANT!** Measurements for footing depths, deck heights, clamp heights, etc. must accommodate the protective surfacing depths. All reference height dimensions are measured from top of protective surfacing material which is installed after play system and its components have been assembled.
- Level and plumb item and brace for concrete pour into footing(s).
- Shield components, if possible, to avoid concrete being splashed onto them.
- Start pouring the concrete at the center of the structure and work outwards.
- Pour concrete into footing holes. Only pour to within 2 in. (51 mm) of the top surface of the footing hole and slope concrete downward toward the outer edge of the footing to prevent water from standing around supports. Fill remaining portion of the hole with dirt to prevent exposed concrete in play area surfacing.
- Clean off any concrete that might have splashed onto the structure before it dries.
- Allow concrete to dry or cure for 72 hours.
- After concrete has dried, discard any concrete that might have splashed out of footings or that might have missed the footing holes while pouring.
- Apply **ALL** warning labels, age identification labels, and playground rules label to the play equipment. Labels are to be plainly visible according to current playground equipment guidelines.
- Protective surfacing material should be installed on the day that equipment installation is completed.
- The play equipment must remain cordoned off until the protective surfacing has been completely installed.



INSTALLER'S MANUAL

INDEPENDENT STRUCTURE INSTALLATION GUIDELINES

- Identify all parts and thoroughly read the assembly instructions before beginning construction.
- Site layout is a critical part of the overall installation. Footings must be measured and marked accurately according to the footing diagram. A level and clear installation site is ideal.
- Do not leave the job site unattended. Make sure all fastening hardware are tightened appropriately.
- Rope off construction area and cover all empty holes with plywood or other suitable material.
- Good drainage around the equipment and its supports is critical for protective surfacing.
- After laying out all footings and before digging holes, determine the depth of the protective surfacing you are going to install before you excavate footings. The depth of protective surfacing will affect the depth of footing.
- Assemble entire item outside of footing holes (if possible).
- Keep hardware/fasteners loose until all connections are made. Once component is fully assembled, tighten all fasteners.
- Using adequate manpower or power equipment, place assembled item into footing hole(S).
- Level and plumb assembled item and brace for concrete pour into footing(s).
- Install components in accordance with the height or dimensional values specified in the installation instructions.
- IMPORTANT! Measurements for footing depths, deck heights, clamp heights, etc. must accommodate the protective surfacing depths. All reference height dimensions are measured from top of protective surfacing material which is installed after play system and its components have been assembled.
- Level and plumb item and brace for concrete pour into footing(s).
- Shield components, if possible, to avoid concrete being splashed onto them.
- Start pouring the concrete at the center of the structure and work outwards.
- Pour concrete into footing holes. Only pour to within 2 in. (51 mm) of the top surface of the footing hole and slope concrete downward toward the outer edge of the footing to prevent water from standing around supports. Fill remaining portion of the hole with dirt to prevent exposed concrete in play area surfacing.
- Clean off any concrete that might have splashed onto the structure before it dries.
- Allow concrete to dry or cure for 72 hours.

- After concrete has dried, discard any concrete that might have splashed out of footings or that might have missed the footing holes while pouring.
- Apply **ALL** warning labels, age identification labels, and playground rules label to the play equipment. Labels are to be plainly visible according to current playground equipment guidelines.
- Protective surfacing material should be installed on the day that equipment installation is completed.
- The play equipment must remain cordoned off until the protective surfacing has been completely installed.

Special Note for Swings:

- Assemble swing frame outside footing holes. Using adequate manpower or power equipment, place assembled frame into footing hole(s).
- Level and plumb frame and brace for concrete pour into footing(s).
- Pour concrete; allow 72 hours for concrete to cure before use.
- Install protective surfacing.
- Install and adjust swing seat height (distance above top of protective surfacing) after protective surfacing has been installed.
- Swings must remain cordoned off until the protective surfacing has been completely installed.



INSTALLER'S MANUAL

INSTALL MANUFACTURER'S LABEL

Signs and labels posted near the playground area or on equipment provide important information to supervisors. This information includes the age appropriateness of the equipment, supervision recommendations, potential hazards related to equipment use, surfacing warnings, and hot surfaces warnings.

- Signs should be placed at or near the entrance of the playground area, but outside the play equipment use zone.
- Labels to be installed as instructed below.

PLACEMENT OF WARNING AND PLAYGROUND RULES LABELS

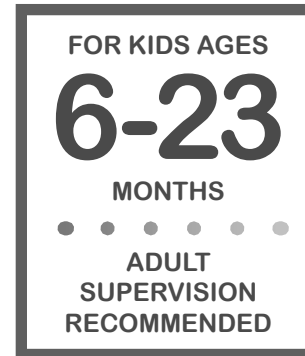
Warning and Playground Rules labels should be placed near the access point of the playground equipment. Each label should be positioned so it is readable by a person about to use the piece of equipment and applied to a metal surface, such as a support post.

APPLICATION OF LABELS

Prepare surface; remove any dust, oil or grime from the label location area. Ensure the area is dry. When area is both clean and dry, carefully peel off label from paper backing and place so the label lays flat with no wrinkles or tears. Apply firm pressure over the entire label to ensure proper adhesion.

PLACEMENT OF GENERAL AGE APPROPRIATE LABELS

Age appropriate labels should be placed near the access of the playground equipment. Each label should be positioned so it is readable by a person about to use the piece of equipment and applied to a metal surface, such as a support post. The appropriate age range of playground equipment is based on information provided by the "CPSC Handbook for Public Playground Safety" and "ASTM F1487 Public Playground Safety Standard" as well as the manufacturer's professional judgement.



INSTALLER'S MANUAL

PLACEMENT OF SWING AGE APPROPRIATE LABELS

Choose the correct label from the ones supplied with your swing. Place the label on a swing leg, using one label for each bay of the associated swing seat, position approximately 60 in. from top of protective surfacing.

BELT SWING SEAT



FOR KIDS AGES

2-5

YEARS

• • • • •

ADULT
SUPERVISION
RECOMMENDED

BELT SWING SEAT



FOR KIDS AGES

5-12

YEARS

• • • • •

ADULT
SUPERVISION
RECOMMENDED

ACCESSIBLE SWING SEAT



FOR KIDS AGES

2-5

YEARS

• • • • •

ADULT
SUPERVISION
RECOMMENDED

ACCESSIBLE SWING SEAT



FOR KIDS AGES

5-12

YEARS

• • • • •

ADULT
SUPERVISION
RECOMMENDED

BELT SWING SEAT



FOR KIDS AGES

2-12

YEARS

• • • • •

ADULT
SUPERVISION
RECOMMENDED

BUCKET SWING SEAT



FOR KIDS AGES

24-47

MONTHS

• • • • •

ADULT
SUPERVISION
RECOMMENDED

ACCESSIBLE SWING SEAT



FOR KIDS AGES

2-12

YEARS

• • • • •

ADULT
SUPERVISION
RECOMMENDED



INSTALLER'S MANUAL

LABELS FOR CANADA

PLACEMENT OF GENERAL AGE APPROPRIATE LABELS

Age appropriate labels should be placed near the access of the playground equipment. Each label should be positioned so it is readable by a person about to use the piece of equipment and applied to a metal surface, such as a support post.

- The appropriate age range of playground equipment is based on information provided by the "CAN/CSA-Z614 Children's Playspaces and Equipment" as well as the manufacturer's professional judgement.



INSTALLER'S MANUAL

PLACEMENT OF SWING AGE APPROPRIATE LABELS

Choose the correct label from the ones supplied with your swing. Place the label on a swing leg, using one label for each bay of the associated swing seat, position approximately 60 in. from top of surfacing.

BELT SWING SEAT




FOR KIDS AGES
18-5
MONTHS YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED

BELT SWING SEAT




FOR KIDS AGES
5-12
YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED

ACCESSIBLE SWING SEAT



FOR KIDS AGES
18-5
MONTHS YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED

ACCESSIBLE SWING SEAT



FOR KIDS AGES
5-12
YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED

BELT SWING SEAT



FOR KIDS AGES
18-12
MONTHS YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED

BUCKET SWING SEAT



FOR KIDS AGES
18-5
MONTHS YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED

ACCESSIBLE SWING SEAT



FOR KIDS AGES
18-12
MONTHS YEARS
● ● ● ● ● ● ● ●
ADULT SUPERVISION RECOMMENDED



INSTALLER'S MANUAL

POST-INSTALLATION CHECKLIST

- Inspect the installation of protective surfacing within the use zone of each play structure in accordance with the applicable standard or specifications appropriate for the fall height of each structure.
- Perform a thorough final check on the installed equipment to insure all equipment is installed as specified by manufacturer's installation instructions.
- Inspect the installation of equipment making sure there are no head entrapments or other general hazards as identified in the CPSC's "Handbook for Public Playground Safety". You can easily download the most recent version of the Handbook at the following site: <https://www.cpsc.gov/Regulations-Laws--Standards/Voluntary-Standards/Topics/Public-Playground-Equipment/>.
- Review all installation instructions for specified dimensions. Make sure dimensions called for in instructions agree with actual installation.
- Double check height dimensions. Height measurements are taken from the top of the protective surfacing material.
- Make sure all fasteners are properly tightened according to the specifications listed in your installation instructions.
- Make sure all exposed pipe ends have properly installed end caps.
- Clean dried concrete off components and any other affected surface.
- Touch-up any scratches or installation damage to powder coated finish with color matched paint.
- Allow adequate time for proper curing, both for concrete and urethane adhesive if rubber safety surfacing tiles have been installed before putting play equipment into service.
- Footings must not be exposed.
- Dispose of all packaging material properly. These materials which include large plastic bags and sheets can be a suffocation hazard. Dispose of these materials out of reach or contact of small children.

INSTALL PROTECTIVE SURFACING

The entire area, under and around the playground equipment, must be covered with protective surfacing material. The impact attenuation of the protective surfacing should be rated to have a critical height value of at least the height of the highest accessible part of the equipment. The critical height for surfacing is to be rated in accordance with the ASTM standard, designated F-1292, *A Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment*. Contact the manufacturer of unitary surfacing materials (rubber matting) for the critical height rating for their products.

The table below is identified in the US CPSC *Handbook for Public Playground Safety*. Table 2 shows the minimum required depths of loose-fill material needed based on material type and fall height. The depths shown assume the materials have been compressed due to use and weathering and are properly maintained to the given level.

Inches	Of	(Loose-Fill Material)	Protects to	Fall Height (feet)
6*		Shredded/recycled rubber		10
9		Sand		4
9		Pea Gravel		5
9		Wood mulch (non-CCA)		7
9		Wood chips		10

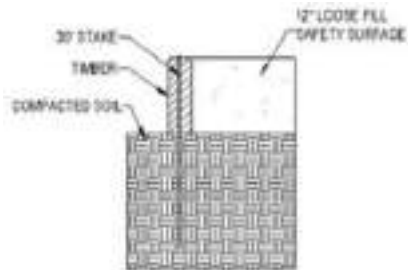
* Shredded/recycled rubber loose-fill surfacing does not compress in the same manner as other loose-fill materials. However, care should be taken to maintain a constant depth as displacement may still occur.



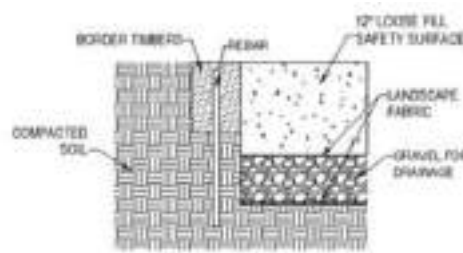
INSTALLER'S MANUAL

SAMPLE ILLUSTRATION OF FOR LOOSE-FILL SURFACING INSTALLATION

ABOVE GRADE LOOSE-FILL INSTALLATION



BELOW GRADE LOOSE-FILL INSTALLATION



USE ZONE INFORMATION

Refer to the applicable standard for your location. The top view drawing or individual installation instruction will identify use zones and critical fall heights for the equipment.

ASTM

The overall use zone measurements for composite play structures should extend a minimum of 72 in. from its perimeter; dimensions and configuration of the use zone are dependent upon the types of included play equipment.

- If the stationary play equipment contains a slide (or slides), the use zones of the slide (or slides) may not be overlapped by the use zones of adjacent play equipment.
- The use zone in front of the slide exit shall be a minimum of 72 in. and shall not exceed 96 in.. The use zone shall be measured from the end of the slide and equal the vertical measurement as measured from the highest point of the sliding surface to the protective surfacing at the slide exit.

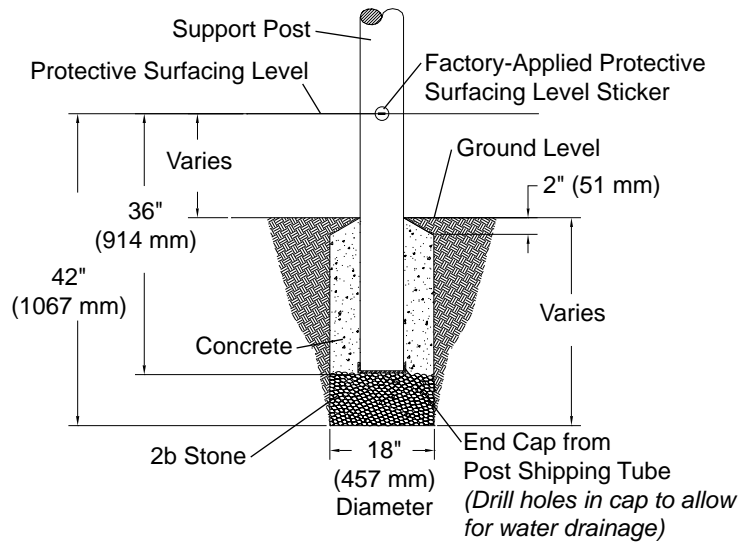
CSA

The overall use zone measurements for play structures should extend a minimum of 1800 mm (70.9 in.) from its perimeter; dimensions and configuration of the use zone are dependent upon the types of included play equipment.

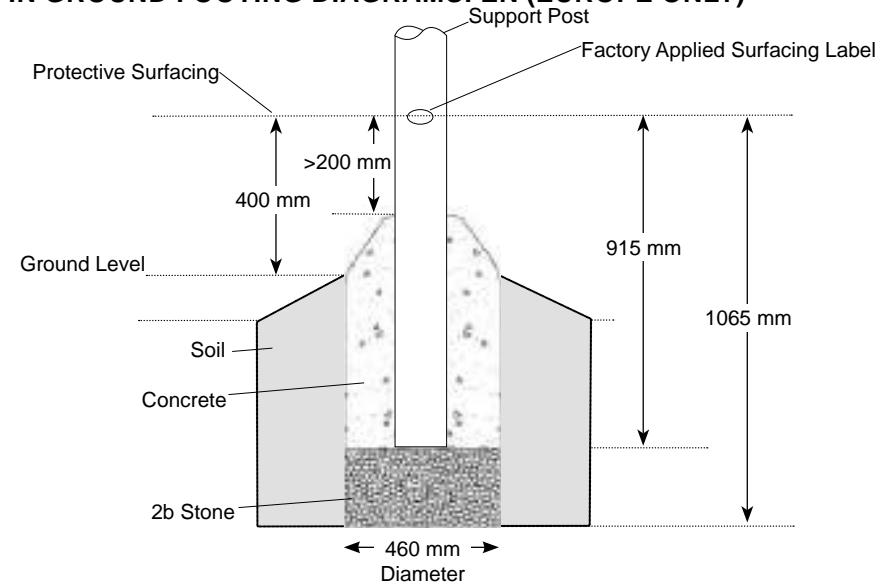
- If the stationary play equipment contains a slide (or slides), the use zones of the slide (or slides) may not be overlapped by the use zones of adjacent play equipment.
- A no-encroachment zone is also required for the exit of slides over 1220 mm (48 in.) in height. In addition to the use zone measurement at the runout of the slide, the no-encroachment zone will extend an additional 1800 mm (70.9 in.) and may not be overlapped by the use or no-encroachment zones of adjacent play equipment.
- The use zone in front of the slide exit shall be a minimum of 1800 mm (70.9 in.) and shall not exceed 2400 mm (94.5 in.). The use zone shall be measured from the end of the slide and equal the vertical measurement as measured from the highest point of the sliding surface to the protective surfacing at the slide exit.

IN GROUND FOOTING DIAGRAMS: ASTM / CSA

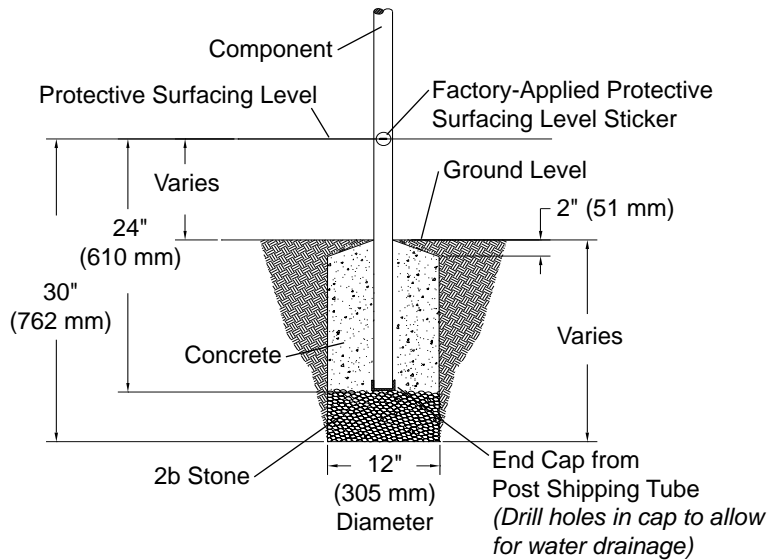
IN GROUND FOOTING DIAGRAMS: EN (EUROPE ONLY)



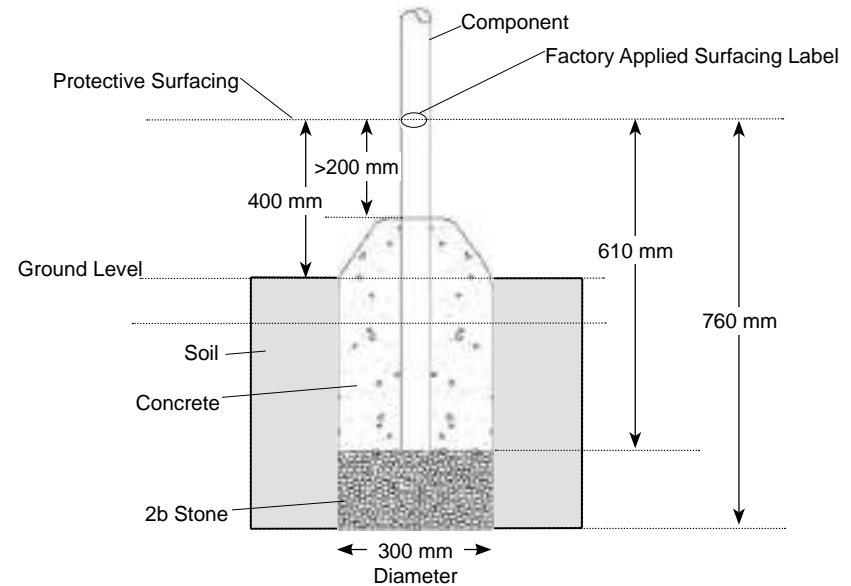
Support Post Footing Detail (ASTM/CSA)



Footing Detail Support Post (EN)



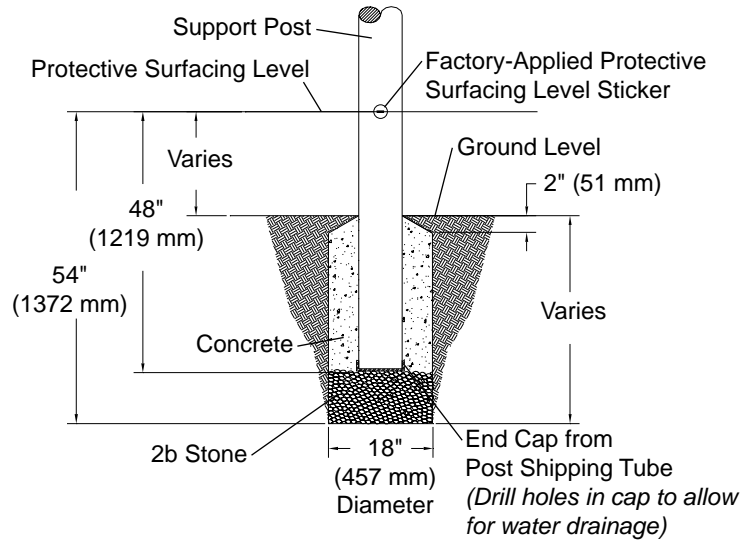
Component Footing Detail (ASTM/CSA)



Footing Detail Component Post (EN)

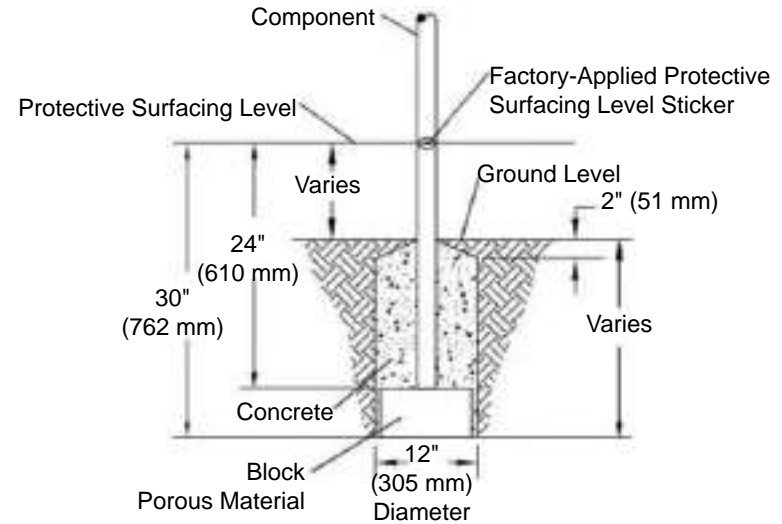


IN GROUND FOOTING DIAGRAMS: GROUND ZERO POSTS

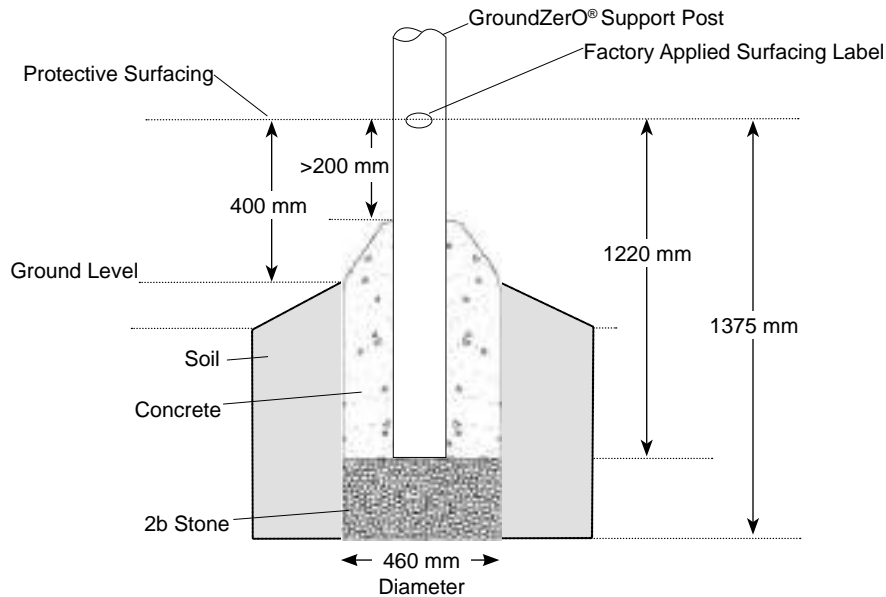


GroundZero® Support Post Footing Detail ASTM/CSA

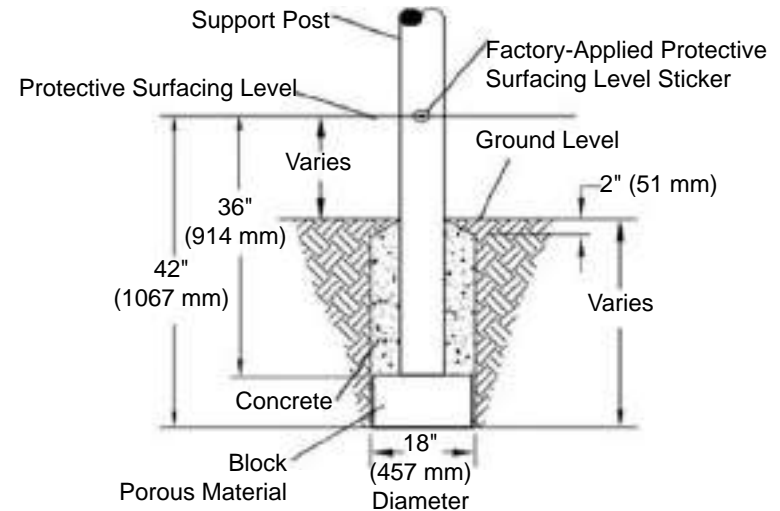
IN GROUND FOOTING DIAGRAMS-BLOCK OPTION



Component Footing Detail (ASTM/CSA) Block Option

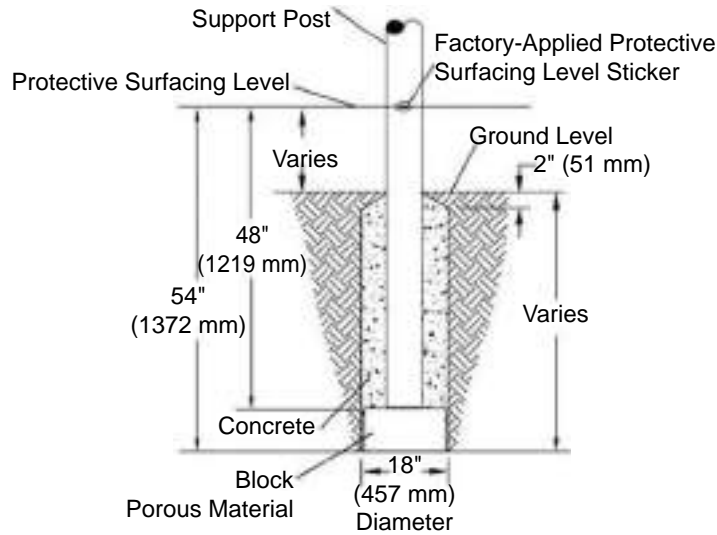


Footing Detail GroundZero® Support Post (EN)



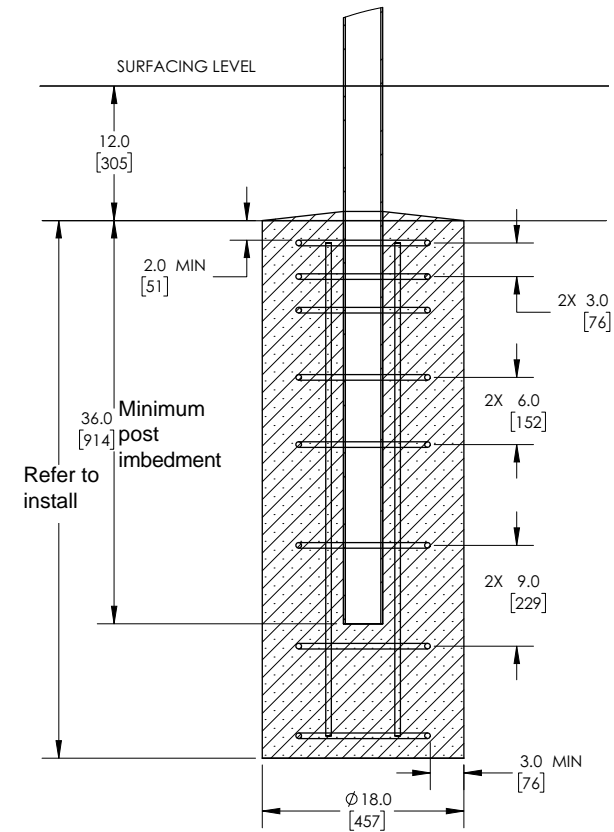
Support Post Footing Detail (ASTM/CSA) Block Option

IN GROUND FOOTING DIAGRAMS-BLOCK OPTION

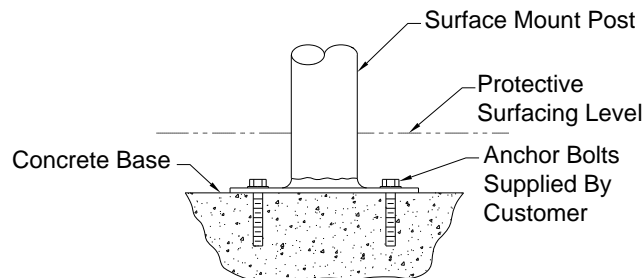


GroundZero® Support Post Footing Detail ASTM/CSA Block Option

SHADE POST FOOTING



SURFACE MOUNT FOOTING DIAGRAMS: SUPPORT POSTS AND COMPONENTS



Surface Mount Footing Detail



INSTALLER'S MANUAL

HARDWARE GUIDE

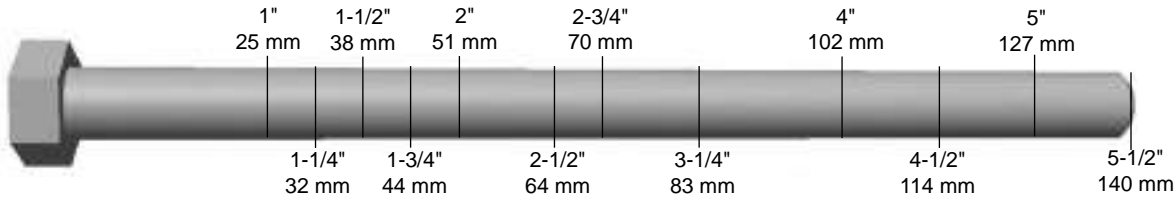
The following are full scale drawings of the hardware commonly used in structure assembly. During installation, use these drawings as a quick reference.

Tightening Torque Specifications:

Bolts & Nuts: Snug tighten and tighten an additional one-half turn.

Set Screws: Snug tighten and tighten an additional full turn.

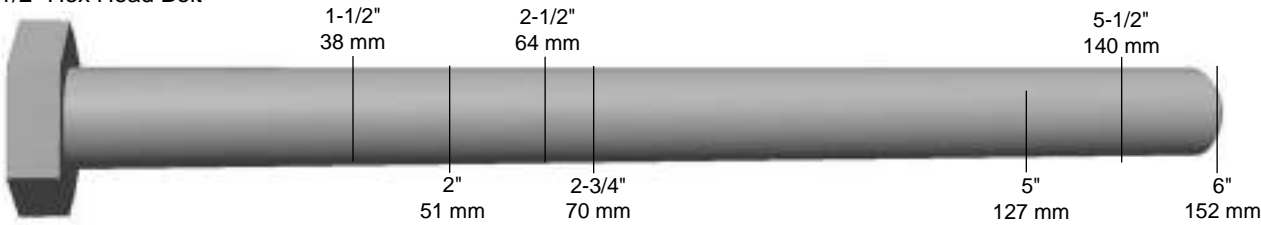
3/8" Hex Head Bolt



3/8" Barrel Nut



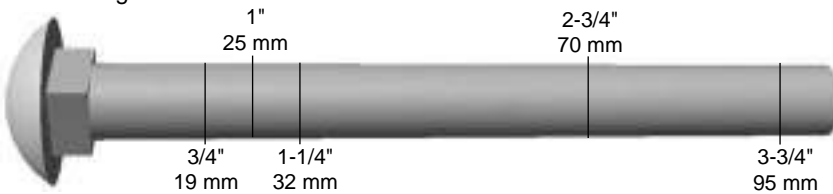
1/2" Hex Head Bolt



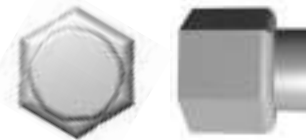
3/8" Thin Series Lock Nut
BAE0610



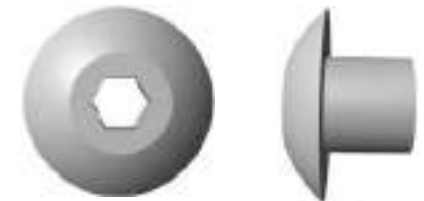
3/8" Carriage Bolt



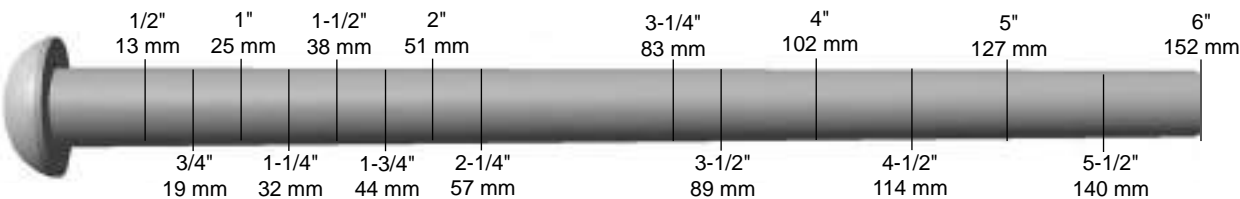
3/8" Lock Nut BAE0620



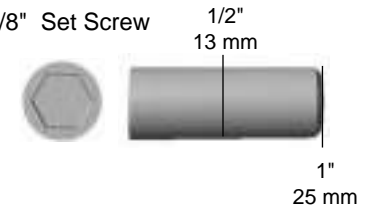
3/8" Button Head Nut



3/8" Button Head Bolt



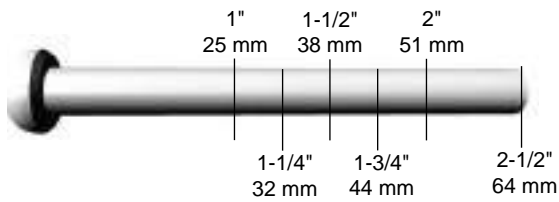
3/8" Set Screw



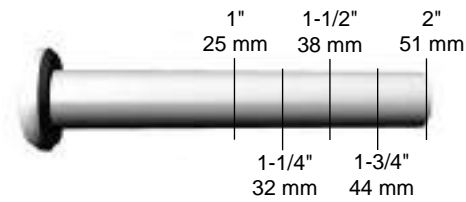
INSTALLER'S MANUAL

HARDWARE GUIDE

1/4" Button Head Bolt



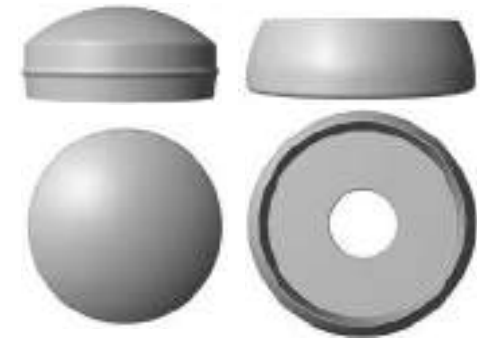
5/16" Button Head Bolt



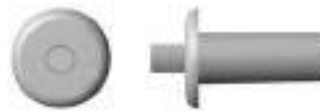
3/8" x 1-1/4" Tamper Resistant Bolt
BAE0662



Bolt Cap & Washer
BPL0300



Drive Rivet BAE0020



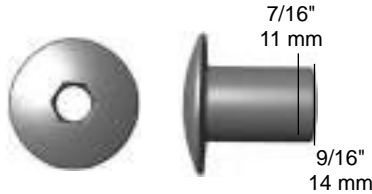
1-1/2" I.D. x 3-1/4" O.D. Flat Washer BAE0937



1/4" Flat Washer
BAE0158



1/4" Button Head Nut



3/8" Flat Washer
BAE0595



1" O.D. Flat
Washer BAE0600



1/2" Flat Washer
BAE0690



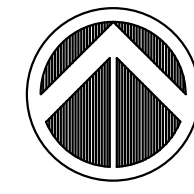
1/2" Lock Nut BAE0720



COLOR KEY	
	GREEN
	SLUGGLANDY
	YELLOW
	GREEN/YAN

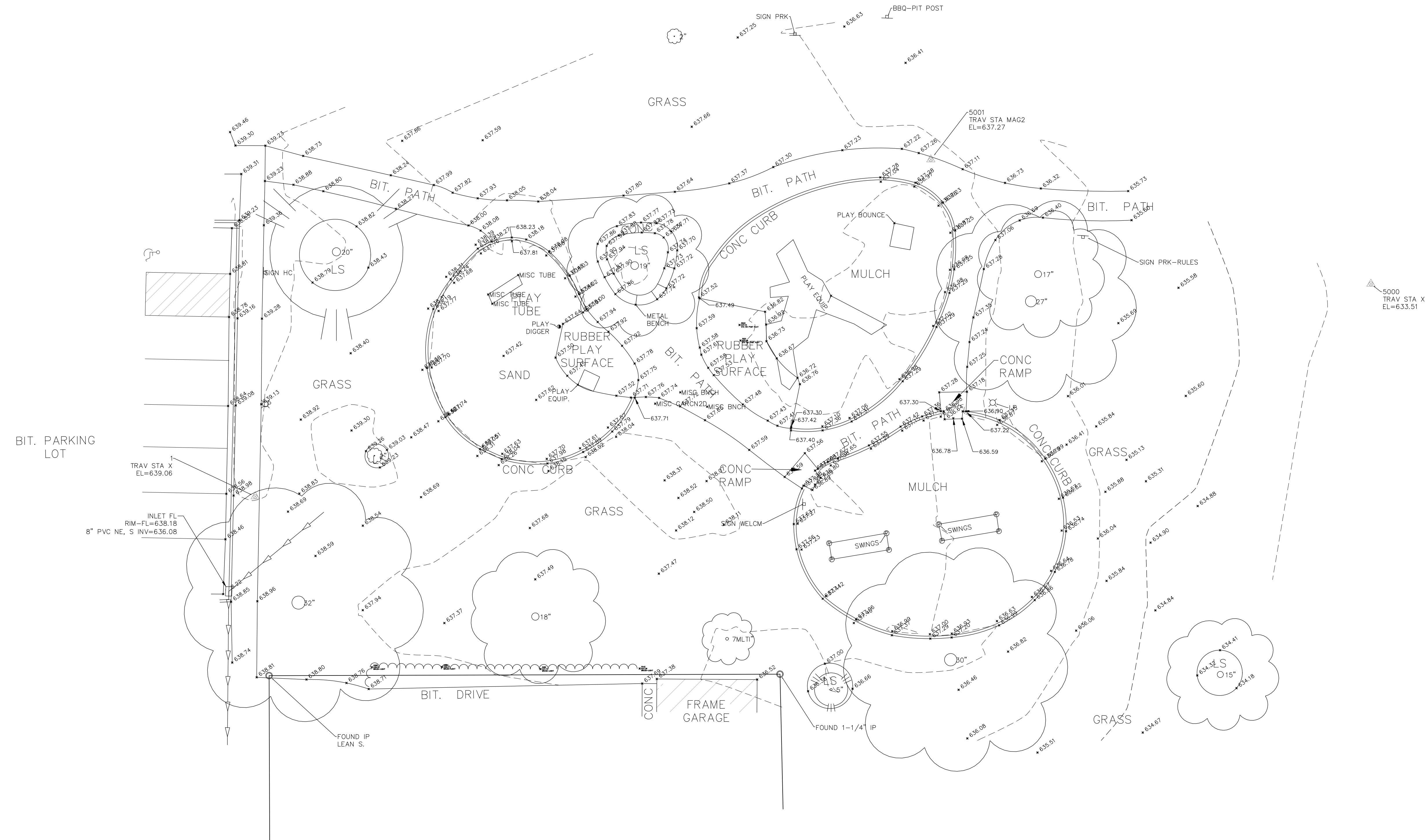




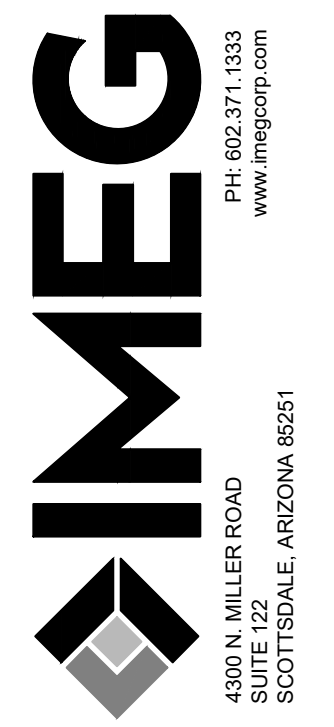


20 10 0 20 40
SCALE: 1" = 20'

EXISTING PIT DIMENSIONS



REVISIONS	DESCRIPTION	DATE
No.		



WK - UPTON PARK
800 N. SHERIDAN RD., WAUKEGAN, ILLINOIS 6085
TOPOGRAPHIC SURVEY

IMEG Project No:
24000159.00

File Name:
Wk-Upton Park Topo.dwg

© COPYRIGHT 2024
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Field Book No:

Drawn By: TEM

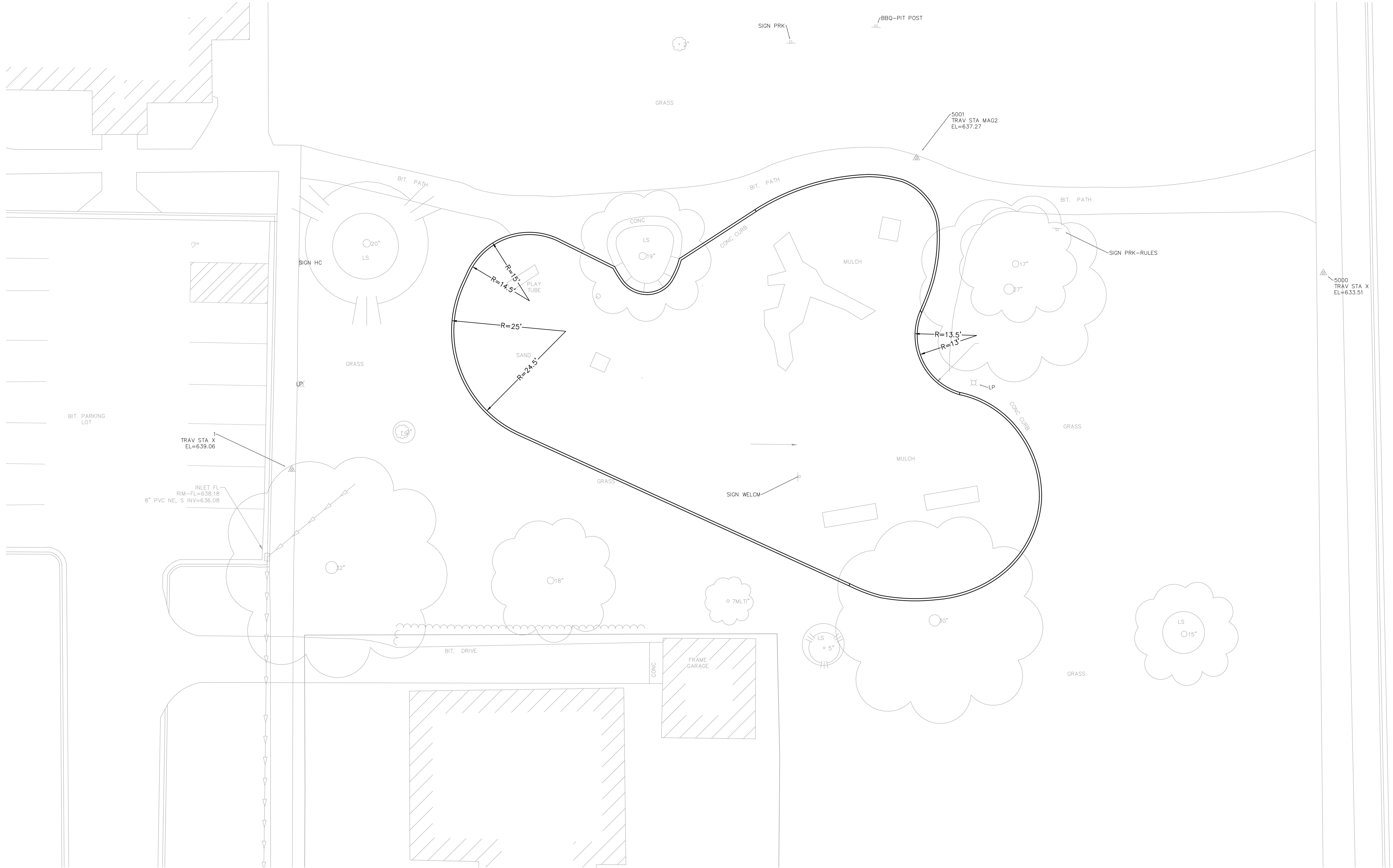
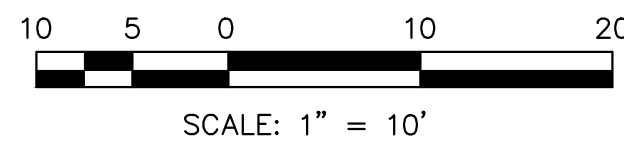
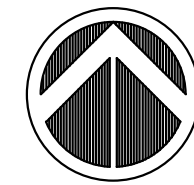
Checked By: SG

Date: 01/12/2024

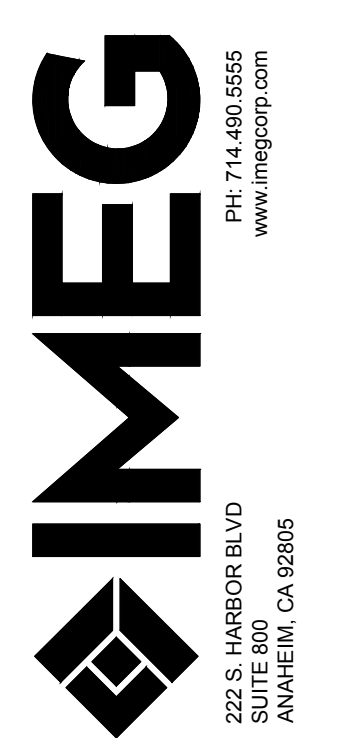
1

Sheet 1 of 1

Proposed Bed Shape



NO.	REVISIONS DESCRIPTION	DATE



UPTON PARK EXPANSION
WAUKEGAN, ILLINOIS
SITE PLAN

IMEG Project No:
24000159.00
File Name:
24000159.00 SITE PLAN.dwg
© COPYRIGHT 2024
ALL RIGHTS RESERVED
Field Book No: N/A
Drawn By: SCM
Checked By: SFG
Date: 02/08/2024

Friday, February 9, 2024 10:23:46 AM
\\FILES\ACTIVE\PROJECTS\2024\24000159.00\DESIGN\CIVIL\C3D\SOURCE\24000159.00 SITE PLAN.DWG

OVERALL AREA: 6,220 SQ FT
SAND AREA: 510 SQ FT

CURB: 41 LINEAL FEET

8' CFH
PIP AREA:
115 SQ FT

NEW CURB: 55 LF

COZY COCOON
(SUPPLIED BY OTHERS)

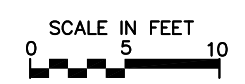
8' CFH
PIP AREA:
990 SQ FT

NEW CURB: 70 LF

SAND

PLAYCUBES 4.0C
(SUPPLIED BY OTHERS)

PLAYCUBES 1.1C
(SUPPLIED BY OTHERS)



NOTE: ALTHOUGH ALL ATTEMPTS HAVE BEEN MADE TO PROVIDE AN ACCURATE SITE IT MAY NOT TRULY REPRESENT THE AREA WHERE THIS STRUCTURE IS TO BE PLACED.

NEW CURB: 110 LF













AGREEMENT FOR 2024 UPTON PARK PLAY EQUIPMENT INSTALLATION

This Agreement for the **2024 Upton Park Play Equipment Installation** (the “Agreement”) is made this ___ day of _____, 2024, by and between the Waukegan Park District, an Illinois park district (“Park District”) and _____, an Illinois corporation (“Contractor”). Park District and Contractor are hereinafter sometimes collectively referred to as the “Parties” or individually as “Party.”

WITNESSETH

That the Park District and Contractor, for the consideration hereinafter named, agree as follows:

1. Labor and Materials

The Contractor shall provide all labor, equipment and materials required to complete the following work at **732 N. Genesse Street**, Waukegan, Illinois 60085 (“Project Site(s)”: **Upton Park**, and all other and incidental and collateral work necessary to properly complete the project (the “Work”), as indicated in Contractor’s Proposals, dated _____, 2024, attached to and incorporated as part of this Agreement as **Exhibit B** (“Contractor’s Proposal”).

2. Contract Documents

The Contract Documents consist of this Agreement between the Park District and the Contractor; the Bid/Project Documents/Specifications: **2024 Upton Park Play Equipment Installation**, attached to and incorporated as part of this Agreement as **Exhibit A**; Contractor’s Proposals, attached to and incorporated as part of this Agreement as **Exhibit B**; Contractor’s Compliance and Certifications Attachment, attached to and incorporated as part of this Agreement as **Exhibit C**; Insurance and Indemnification Requirements and Contractors Certificate(s) of Insurance, attached to and incorporated as part of this Agreement as **Exhibit D**; Prevailing Wage Supersedes Notice, attached to and incorporated as part of this Agreement as **Exhibit E**; **Performance and Labor and Material Bonds**, attached to and incorporated as part of this Agreement as **Exhibit F-1 and F-2**; and any modifications issued after the execution of this Agreement.

3. Commencement of Work and Final Completion

Contractor shall commence the Work immediately upon receipt of a Notice to Proceed issued by the Park District for the Work. Contractor shall achieve Final Completion of the Work on or before **October 4, 2024**.

4. Performance and Supervision of Work

Contractor agrees to perform all Work in a good and workmanlike manner in accordance with the Contract Documents. Contractor shall not interfere in any way with and shall cooperate fully with other contractors used by Park District for any other work at the Project Site. Contractor shall

supervise and direct the Work using Contractor's best skill and attention. Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work.

5. Performance and Payment Bonds

Prior to beginning Work, Contractor shall furnish a Performance Bond, and Labor and Materials/Payment Bond in the amount of **110% of the Contract Sum**, using a form similar to the AIA-A312-2010 form, or its current equivalent, or one acceptable to Owner, cosigned by a surety company licensed to conduct business in the State of Illinois and with at least an "A" rating and a financial rating of at least "A VII" in the latest edition of the Best Insurance Guide. Said bond shall guarantee the faithful performance of the Work in accordance with the Contract, the payment of all indebtedness incurred for labor and materials, and guarantee correction of Work. The cost of each bond shall be included in the Contract Sum. Contractor and all Subcontractors shall name the Park District as an obligee on all bonds. Said bonds shall meet the requirements of the Illinois Public Construction Bond Act, 30 ILCS 550/0.01 *et seq.* and any further amendments thereto. Contractor shall include in its Performance Bond and Labor and Material Payment Bond such language as shall guarantee the faithful performance of the Prevailing Wage Act as required in the Contract Documents. The Performance Bond and Labor and Materials/Payment Bond will become a part of the Contract Documents.

6. Contract Sum

The Park District agrees to pay Contractor for the proper and timely performance of the Work in strict accordance with the Agreement as follows: Lump Sum of _____ Dollars and ____ Cents (\$_____).

The foregoing Lump Sum payment includes the following alternates, if any: **N/A**

7. Payment

Payment shall be made by the Park District to the Contractor upon the Park District's receipt of: a) a monthly invoice itemizing the Work properly performed, as determined by the Park District, for the period covered by the invoice; b) Contractor's and all subcontractor's waivers of liens to date for all labor and materials used in the Work; and c) Contractor's affidavit, containing such information to comply with the Illinois Mechanics Lien Act (770 ILS 60/0.01 *et seq.*) and showing in detail the sources of all labor and materials used on the Work, including names and addresses of subcontractors and materials suppliers, amounts paid to each, together with all other documents as shall be necessary, in the sole judgment of the Park District, to waive all claims of liens to date and comply with all applicable state and local laws. All waivers of lien shall include a representation by the Contractor that all labor has been paid in accordance with Illinois prevailing wage laws and all materials have been taken from fully paid stock and transported to the job site in the Contractor's own vehicles or supporting waivers of lien from material suppliers and transporters are attached.

Payments of all invoices, and any late payment penalties, shall be governed by the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*).

8. Cleaning Up

Contractor shall keep the premises and surrounding area free from accumulation of debris and trash related to the Work. At the completion of the Work, Contractor shall remove its tools, construction equipment, machinery and surplus material; and shall properly dispose of waste materials. Contractor shall clean up and keep all streets, sidewalks and other public ways used for access to the Project Site free from accumulation of spillage of fill or soils or other materials caused by operations under the Contract Documents. Contractor shall strictly comply with all laws and regulations pertaining to same and shall be solely responsible for, and shall pay any fines or penalties assessed as the result of, any violation.

9. Warranty; Correction of Work

Contractor warrants to the Park District that: (1) materials and equipment furnished under the Contract Documents will be new and of good quality; (2) the Work will be free from defects not inherent in the quality required or permitted; and (3) the Work will conform to the requirements of the Contract Documents.

All warranties shall include labor and materials and shall be signed by the manufacturer or subcontractor as the case may be and countersigned by the Contractor. All warranties shall be addressed to the Park District and delivered to the Park District upon completion of the Work and before or with the submission of request for final payment. Except as otherwise provided in this Agreement or elsewhere in the Contract Documents, all warranties shall become effective on the date of Final Completion of the entire Work, and shall run for a **twelve (12) month period**, unless a longer period is provided for by law. Where warranties overlap, the more stringent requirement shall govern.

Contractor shall correct any portion of the Work deficiently or defectively performed, and replace defective or nonconforming materials, even though such deficiency, defect or nonconformity may be discovered more than one year after delivery and acceptance of the Work by the Park District, if the correction is of a latent defect and arises from poor workmanship or improper materials or is required to be made to workmanship or materials covered by the Contractor or subcontractors contrary to the Park District's request or to requirements specifically expressed in the Contract Documents and was therefore not visible for inspection by the Park District at the time the Work was performed.

10. Safety of Persons and Property

- A. Contractor shall take reasonable precautions for the health and safety of, and shall provide reasonable protection to prevent damage, injury or loss to:

- i. employees engaged in the Work and other persons who may be affected thereby;
 - ii. the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's subcontractors or sub-subcontractors; and
 - iii. other property at the Project Site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- B. Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities bearing on safety of persons or property or their protection from damage, injury or loss.
 - C. The Contractor shall erect and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent sites and utilities.
 - D. When use or storage of explosives or other hazardous materials or equipment or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel.
 - E. Contractor shall promptly remedy damage and loss to Park District property caused in whole or in part by the Contractor, a subcontractor, a sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible, except to the extent said damage or loss is attributable to acts or omissions of the Park District or anyone directly or indirectly employed by Park District, or by anyone for whose acts Park District may be liable, and not attributable to the fault or negligence of the Contractor.
 - F. Contractor shall designate a responsible member of Contractor's organization at the site whose duty shall be the prevention of accidents and general workplace safety. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Park District.

11. Termination

- A. The Park District may, at any time, terminate the Agreement in whole or in part for the Park District's convenience and without cause. Termination by the Park District under this section shall be by a notice of termination delivered to the Contractor specifying the extent of the termination and the effective date. Upon receipt of a notice of termination, the Contractor shall immediately, in accordance with instructions from the Park District: (1) cease operation as specified in the notice; (2) place no further orders; (3) enter into

no further subcontracts for materials, labors, services or facilities except as necessary to complete continued portions of the Work; (4) terminate all subcontracts and orders to the extent they relate to the Work terminated; (5) proceed to complete the performance of Work not terminated; and, (6) take actions that may be necessary or that the Park District may direct, for the protection and preservation of the terminated Work. The Contractor shall recover payment for approved and properly performed Work completed prior to the effective date of termination and for proven, out-of-pocket costs with respect to materials and equipment ordered but not used by Contractor for the Work prior to receipt of the notice of termination. Contractor shall not be entitled to damages or lost profits resulting from termination for convenience under this Section.

B. Park District may terminate the Agreement, in whole or in part, for cause as follows:

(i) In the event Contractor breaches any of the provisions of this Agreement, Park District may terminate the Agreement immediately upon written notice to Contractor, if Contractor shall not have cured such breach within forty eight (48) business hours after Park District shall have first notified Contractor of such breach in writing or, if by its nature the breach is not capable of being cured within said forty-eight (48) business hours, Contractor shall not have commenced such cure within said forty-eight (48) business hours and diligently pursued same to completion; provided, however, that if Contractor shall have repeatedly breached the same or other provisions previously, Park District may terminate the Agreement immediately without affording Contractor an opportunity to cure the breach, upon written notice to Contractor, and further provided that failure to maintain required insurance coverage shall be cause for immediate termination of the Agreement, or the immediate suspension of the Agreement until such insurance has been obtained and satisfactory proof thereof provided to Park District, in either case upon written notice to Contractor without opportunity to cure.

(ii) In the event Contractor shall have: (a) filed a voluntary petition in bankruptcy or made an assignment for the benefit of creditors; or (b) consented to the appointment of a receiver or trustee for all or a part of its property; or (c) an involuntary petition in bankruptcy shall have been filed in regard to Contractor and the same shall not have been dismissed within thirty (30) days of such filing, then in said event the Agreement shall automatically terminate.

Upon termination of this Agreement for any reason, the rights and obligations of the Parties shall cease automatically except for the rights and obligations of the Parties accruing but unsatisfied prior to termination.

C. Should this agreement be terminated due to the inability or unwillingness of the Contractor to perform the work described under this agreement, the Contractor is responsible for paying any and all costs associated with the termination, including but not limited to, a new bid to procure services for project completion, fees to secure the worksite

until work can be completed, and attorney's fees. After a formal bidding process has been completed by the Park District, and a new contractor is selected, based on statutorily defined procedure, the Contractor is also responsible for paying any cost above that which he/she had originally bid in the Bid Document.

12. Insurance

Contractor will procure and maintain the insurance coverages provided in **Exhibit D**, attached to and incorporated by this reference in this Agreement, or such other insurance coverages as shall be required by the Park District's insurer or the risk management agency of which the Park District is a member.

13. Indemnification

Contractor shall indemnify and hold harmless the Park District and its officers, officials, employees, volunteers and agents in accordance with **Exhibit D**.

14. Compliance with Laws and Permits

Contractor shall comply with all applicable local, state and federal codes, laws, ordinances, rules and regulations, including but not limited to those laws specified in the Contractor's Compliance and Certifications Attachment. Contractor shall be licensed and bonded to perform the Work hereunder and shall, at its sole cost and obligation, be responsible for obtaining all permits required to perform its duties under this Agreement. Any breach by Contractor of the foregoing laws, regulations and rules shall constitute a breach by Contractor of this Agreement.

15. Local, Women, and Minority Hiring Encouraged

Contractor shall use reasonable effort to employ local, women, and minority. Additionally, Contractor shall use reasonable effort to utilize local, women, and minority owned Subcontractors.

16. Choice of Law and Venue

This Agreement is governed by the laws of the State of Illinois. Any suit or action arising under this Agreement shall be commenced in the Circuit Court of Lake County, Illinois, but only after exhausting all possible administrative remedies. Contractor, its successors or assigns shall maintain no suit or action against the Park District on any claim based upon or arising out of this Agreement or out of anything done in connection with this Agreement unless such action shall be commenced within one year of the termination of this Agreement. Contractor acknowledges that each provision of this Agreement is important and material to the business and success of the Park District, and agrees that any breach of any provision of this Agreement is a material breach of the Agreement and may be cause for immediate termination of this Agreement. In the event of a breach, Contractor shall also pay to the Park District all damages (including, but not

limited to, compensatory, incidental, consequential, and punitive), which arise from the breach, together with interest, costs, and the Park District's reasonable attorneys' fees.

17. No Liability

The Park District is not responsible or liable for any injury, damages, loss or costs sustained or incurred by any person including, without limitation Contractor's employees, or for any damage to, destruction, theft or misappropriation of any property, relating in any way, directly or indirectly, to Contractor's Work and obligations under this Agreement. The Park District is not liable for acts or omissions of Contractor or any of Contractor's employees, subcontractor's, agents or other persons purporting to act at the direction or request, on behalf, or with the implied or actual consent, of Contractor.

18. No Third-Party Beneficiary

This Agreement is entered into solely for the benefit of the contracting Parties, and nothing in this Agreement is intended, either expressly or impliedly, to provide any right or benefit of any kind whatsoever to any person and/or entity who is not a party to this Agreement or to acknowledge, establish or impose any legal duty to any third party. Nothing herein shall be construed as an express and/or implied waiver of any common law and/or statutory immunities and/or privileges of the Park District and/or Contractor, and/or any of their respective officials, officers and/or employees.

19. No Waiver

Waiver of any of the terms of this Agreement shall not be valid unless it is in writing and signed by all Parties. The failure of claimant to enforce the provisions of this Agreement or require performance by opponent of any of the provisions, shall not be construed as a waiver of such provisions or affect the right of claimant to thereafter enforce the provisions of this Agreement. Waiver of any breach of this Agreement shall not be held to be a waiver of any other or subsequent breach of the Agreement.

20. Independent Contractor

Contractor acknowledges that it is an independent contractor; that it alone retains control of the manner of conducting its activities in furtherance of this Agreement; that it, as well as any persons or agents as it may employ, are not employees of the Park District; and that neither this Agreement, nor the administration thereof, shall operate to render or deem either Party hereto the agent or employee of the other.

21. Non-Assignment

This Agreement is non-assignable in whole or in part by the Contractor, and any assignment shall be void without prior written consent of the Park District.

22. Notices

All notices required or permitted to be given under this Agreement shall be deemed given when such notice is hand delivered; or when such notice is sent by facsimile transmission provided such transmission together with fax machine generated confirmation of such transmission is also sent on the transmission date to the other Party by United States mail, with postage therewith prepaid; or when such notice is deposited in the United States mail, with postage thereon prepaid, addressed to the other Party at the following addressees:

If to Park District: Waukegan Park District
 2211 Ernie Krueger Circle
 Waukegan, IL 60087
 (Fax) 847-244-7345
 Attention: Kristy De Boer

If to Contractor: _____

 _____, IL _____
 (Fax) _____
 Attention: _____

23. Entire Agreement; No Amendment

This Agreement and the Bid Document together contains the entire agreement between the Parties, and no statement, promise or inducement made by either Party to the agency of either Party that is not contained in this written Agreement shall be valid or binding. No modification of this either Agreement shall be effective unless in writing dated a date subsequent to the date of this either Agreement and signed by an authorized representative of each Party. If this Agreement and the Bid Document are found to be in conflict, the Bid Document controls.

24. Headings

The headings for each paragraph of this Agreement are for convenience and reference purposes only and in no way define, limit or describe the scope or intent of said paragraphs or of this Agreement nor in any way affect this Agreement.

25. Severability

The invalidity of any section, paragraph or subparagraph of this Agreement shall not impair the validity of any other section, paragraph or subparagraph. If any provision of this Agreement is determined to be unenforceable, such provision shall be deemed severable and the Agreement may be enforced with such provision severed or as modified by such court.

26. No Waiver of Tort Immunity Defenses

Nothing contained in this Agreement is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to Park District under the Illinois Local Governmental and Governmental Employees Tort Immunity Act with respect to claims by third parties.

IN WITNESS WHERE OF the Parties hereto have set their respective hands and seals the day and year first above written.

WAUKEGAN PARK DISTRICT

By: _____
Board of Commissioners; President

Its: _____

By: _____
Printed Name: _____

Its: _____

