



**Project Manual**  
Bid Packet and Specifications  
April 11, 2024

**Plainfield Park District Playground Renovation:**

**Heritage Oaks**

**Bid # 2031**

23729 W. Ottawa Street  
Plainfield, IL 60544

**Bid Submission Deadline:**  
**April 25, 2024 @ 2:00 PM**

**Bid Opening:**  
**April 25, 2024 @ 2:00 PM**

At

Plainfield Park District  
23729 West Ottawa Street  
Plainfield, IL 60544

## TABLE OF CONTENTS

ADVERTISEMENT FOR BID .....	2
INVITATION TO BID .....	3
INSTRUCTIONS TO BIDDERS .....	4
GENERAL CONDITIONS .....	10
SUPPLEMENTARY CONDITIONS.....	24
SCHEDULE .....	31
APPLICATION AND CERTIFICATE FOR PAYMENT.....	32
CONTRACTOR’S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS .....	32
NOTICE OF AWARD (SAMPLE).....	33
CERTIFIED PAYROLL SAMPLE .....	34
AFFIDAVIT OF EXPERIENCE.....	36
BID FORM.....	37
SUBCONTRACTORS AND SUPPLIERS LIST.....	45
CONTRACTOR COMPLIANCE AND CERTIFICATIONS ATTACHMENT .....	46
SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION.....	49
SECTION 01010 - SUMMARY OF WORK.....	51
SECTION 01500 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS .....	53
SECTION 01560-PROTECTION OF ENVIRONMENT .....	55
SECTION 02075- DEMOLITION AND REMOVALS .....	57
SECTION 02200- EARTHWORK .....	58
SECTION 02231-TREE AND PLANT PROTECTION.....	59
SECTION 02500-SITE CONCRETE.....	62
SECTION 02630 - SITE DRAINAGE.....	66
SECTION 02721 - AGGREGATE BASE COURSE .....	69
SECTION 02860 - PLAY AREA EQUIPMENT .....	71
SECTION 02862 - PLAYGROUND SURFACING AND SOIL SEPARATOR.....	73
SECTION 02865 – SITE FURNISHINGS & AMENITIES.....	75
SECTION 02875 - ICON SITE AND STREET SHELTERS.....	76
SECTION 02930 - SOD AND SEED TURF ESTABLISHMENT .....	84

## ADVERTISEMENT FOR BID

The Plainfield Park District is accepting bids for the following project: Playground Renovation – Heritage Oaks– Bid #2031.

Sealed proposals will be received until **April 25, 2024 @ 2:00 PM** by mail or delivered by hand to the Plainfield Park District Administration Office: 23729 W. Ottawa Street, Plainfield, IL 60544. Immediately thereafter, the bids will be publicly opened and read aloud at 23729 W. Ottawa Street, Plainfield, Illinois.

Each bid must be placed in an opaque sealed envelope and clearly marked **Plainfield Park District Playground Renovation: Heritage Oaks Bid # 2031**. Bids submitted after the closing time will be rejected and returned unopened. No responsibility shall be attached to any person for the premature opening of a bid not properly identified. No oral proposals or modifications will be considered. **No faxed or e-mail bid or modification of a bid will be considered.**

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 Illinois Department of Labor for public works projects in Will 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. All bid proposals must be accompanied by a bid bond or bank cashier's check payable to the Plainfield Park District for ten percent (10%) of the amount of the bid.

Potential Bidders may obtain bid information by emailing **Kevin Miller** at the Plainfield Park District at [kmiller@plfdparks.org](mailto:kmiller@plfdparks.org) beginning April 11, 2024, at NOON. All correspondence must be in writing through this email. Project manuals are available at no charge through our website at [www.plfdparks.org](http://www.plfdparks.org) or via email upon request at: [kmiller@plfdparks.org](mailto:kmiller@plfdparks.org).

The Plainfield Park District reserves the right to waive all technicalities, to accept or reject any or all bids, and/or to accept only portions of a bid and reject the remainder without disclosure for any reason. Failure to make such a disclosure will not result in accrual of any right, claim or cause of action by any Bidder against the Plainfield Park District.

The Contractor 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.

## INVITATION TO BID

Date: April 11, 2024

RE: **Plainfield Park District Playground Renovation: Heritage Oaks Bid # 2031**

Dear Bidder:

Sealed bids for **Plainfield Park District Playground Renovation: Heritage Oaks Bid # 2031** will be received by the Plainfield Park District ("Park District") at its Administrative Office, 23729 West Ottawa Street, Plainfield, IL 60544 until **April 25, 2024 @ 2:00 PM**. The bids will then publicly opened and read aloud immediately thereafter in the conference room at the Plainfield Park District, 23729 West Ottawa Street, Plainfield, IL 60544. Bids submitted after the closing time will be returned unopened. No oral proposals or modifications will be considered. **No faxed or e-mail bid or modification of a bid will be considered.**

Proposals shall be submitted on the Bid Form included in these Bid Documents. After bid opening, no Bidder may withdraw its proposal for a period of ninety (90) calendar days.

The Park District will award the Contract for this project to the lowest responsible Bidder. In considering a Bidder's responsibility, the Park District will evaluate, among other factors, terms of delivery, quality, conformity with specification, serviceability and any other factors as determined by the Park District.

The Park District reserves the right to waive all technicalities, to accept or reject any or all bids, and/or to accept only portions of a bid and reject the remainder without disclosure for any reason. Failure to make such a disclosure will not result in accrual of any right, claim or cause of action by any Bidder against the Park District.

Bids shall not include federal excise tax or state sales tax for materials and equipment to be incorporated in, or fully consumed in the performance of, the work. An Exemption Certificate will be furnished by the Park District on request of the Bidder, for use in connection with this project only.

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 Illinois Department of Labor for public works projects in Will 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.

All bid proposals 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. The successful Contractor shall also be required to submit Performance and Payment Bonds as required by these Bid Documents upon award of the Contract.

The Contractor 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.

## INSTRUCTIONS TO BIDDERS

**DATE:** April 11, 2024

**BID REQUEST:** Plainfield Park District Playground Renovation: Heritage Oaks Bid # 2031

Sealed bids for this project will be accepted until **April 25, 2024 @ 2:00 PM and** then publicly opened and read aloud immediately thereafter in the conference room at the Plainfield Park District, 23729 West Ottawa Street, Plainfield, IL 60544. Any bids received after 9:00 AM will be considered non-responsive and returned. All Bidders are welcome to attend the bid opening. After bid opening, bids will be submitted for approval to the Plainfield Park District Board of Commissioners at a regularly scheduled meeting.

Oral bids or oral modifications to bids will not be considered. **No faxed or e-mail bid or modification of a bid will be considered.** It is the sole responsibility of the Bidder to see that its bid is received in proper time. 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 will be considered non-responsive.

For purposes of these Instructions to Bidders: 1) the Plainfield Park District (or "Park District" or "District") and Owner are one and the same; 2) the words "Contractor" and "Bidder" shall mean the party bidding for or entering the Contract for the performance of the Work covered by the written Specifications and Drawings, and his/her legal representatives or authorized agents; and 3) the term "Work" shall mean all of the successful Contractor's duties under the Contract Documents, including the construction and services required by the Contract Documents, and includes all other labor, materials, equipment, and services provided or to be provided by the Contractor to fulfill the Contractor's obligations.

### 1. Presentation of Bid

Each bid shall be submitted on the enclosed Bid Form. All bids must be written or typed in blue or black ink and signed by the Bidder. All applicable blank spaces on the "Bid Form" shall be fully completed, including the List of Subcontractors and the Bidder's Affidavit of Experience, and all amounts shall be in words as well as in figures where applicable. The bid shall bear the legal name of the business organization. The signatures shall be in longhand and executed by a duly authorized official of the Bidder's organization and the name of the official and title shall be typed below the signature. Erasures, interlineations, corrections, or other changes on the "Bid Form" shall be explained or noted over the signature of the Bidder. No bid submitted with deviations or reservations from the full contract called for will be considered. 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. Attached to the Bid 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 may result in immediate rejection of that Bidder's bid.** The certification of the successful Bidder shall become a part of the Contract with the Park District.

All bids are to be enclosed in a sealed opaque envelope, clearly displaying the Bidder's name and address. The bid name, date and time of opening must be located in the lower left corner of the envelope. 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 this section will be considered non-responsive and returned.

## 2. Qualification of Bidders

Bidders must be able to demonstrate that they: 1) have experience in performing and have successfully performed and are still actively engaged in performing work similar in kind and scope to the Work of the project; and 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.

a. On a separate sheet, list all 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.

b. On the Bidder's Affidavit of Experience form provided herein, list at least five (5) projects your organization has completed in the past five (5) years, which are comparable in scope, giving the name of the project, contact, contact information and completion date.

c. On the List of Subcontractors form provided herein, provide a list of anticipated subcontractors, if any, including their firm names, addresses and telephone numbers. All subcontractors to be used shall be approved by the Owner. If the successful Bidder subcontracts any part of the Work for this project, the Bidder shall not under any circumstances be relieved of his liabilities and obligations; any subcontractor for this project will be recognized only in the capacity of an employee of the successful Bidder.

d. 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.

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

The Park District reserves the right to require of any Bidder such information to verify the Bidder's qualifications and financial status and to withhold formal signing of the Contract until such information is received.

## 3. Prices

Bidders' prices are to include:

1. The cost of materials, labor, and equipment either specified, or necessary, for the implementation of the Work. Subcontracted labor, equipment, or materials should be clearly identified.
2. The cost of any material and/or labor which is not specifically described, but which is necessary to complete the Work, including project administration costs.
3. The cost of transportation, insurances, bonds, warranties, permits and all other 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.

#### **4. Examination of Site**

Each Bidder shall visit the site(s) of the proposed Work and fully acquaint itself with conditions, as they exist, and shall undertake such additional inquiry and investigation, as the Bidder shall deem necessary so that the Bidder may fully understand the requirements, facilities, possible difficulties and restrictions attending the execution of the Work under the Contract. Bidder shall thoroughly examine and be familiar with all of the Bid Documents including, but not limited to, the Drawings and the written Specifications. Any conflicts or discrepancies found between or among Bid Documents including, but not limited to, the Drawings and written Specifications and the site conditions, or any errors, omissions or ambiguities in the Drawings or written Specifications shall be immediately reported to the Park District and written clarification requested prior to submission of a bid.

The failure or omission of any Bidder to obtain, receive or 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 its bid. By submitting a bid, the Bidder agrees, represents and warrants that it has undertaken such investigation as he deemed necessary, has 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 in the Specifications and Drawing(s). Once the award has been made, failure to have undertaken and completed the foregoing tasks shall not be cause to alter the original Contract or to request additional compensation.

Omissions from the Specifications or the misdescription of details of Work which are manifestly necessary to carry out the intent of Specifications or which are customarily performed, shall not relieve the Bidder from performing such omitted or misdescribed details of the Work but they shall be performed as if fully and correctly set forth and described in the drawings and Specifications.

#### **5. Interpretations**

If the 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 Contract Documents, the Bidder must submit a written request for interpretation thereof not later than five (5) business days prior to opening of bids to the Park District. If an error or omission is discovered in the Bid Documents 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 Park District 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 after the bid opening.

#### **6. Explanation to Bidders/Addenda**

Any interpretation, correction to, or addition to the Bid Documents will be made by written Addendum and will be delivered to each prime Bidder of record. 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 it 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.

**7. Substitutions During Bidding**

Unless otherwise indicated, the use of brand names in the Specifications are 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 the product or material required by the Specifications must request approval in writing to the Park District at least five (5) 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 Contract 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 judgment, is equal to or better quality and therefore an acceptable alternate. Such decisions are final and not subject to recourse.

**8. Modification of Bids**

Any Bidder may modify its bid by written notice (signed by the Bidder) at any time prior to the scheduled closing time for receipt of bids, provided that such written notice is received by the District prior to the closing time. Modifications of bid submittals sent by e-mail or facsimile will not be permitted.

**9. Withdrawal of Bids**

No bid may be withdrawn after the public opening. All bids must be valid for a minimum of one hundred and ninety (90) days after the bid opening.

**10. Acceptance or Rejection of Bids**

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

The Owner 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 all 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. No bid will be accepted from or Contract awarded to any person, firm or corporation that is in arrears or is in default to the Park District upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to said Park District or that has failed to perform faithfully any previous contract with 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 therefore 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 Plainfield Park District Board of Park Commissioners reserves the right to waive any technicalities or irregularities, and to disregard any informality on 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.

#### **11. Surety**

All bids must be accompanied by a bid bond or bank cashier's check payable to the Plainfield 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 will be returned after the decision to accept or reject bids by the Plainfield Park District Board of Park Commissioners. The bid security of the three (3) lowest responsive and responsible Bidders will be returned after acceptance by the Park District of an acceptable Performance Bond, Labor and Materials/Payment Bond and a certificate of insurance naming the Plainfield Park District as the certificate holder and as additional insured from successful Bidder, and the successful Bidder has executed and returned to the Park District the Contract for the Work presented by the Park District.

Prior to beginning Work, the successful Bidder 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 "X" 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. 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 the faithful performance of the Prevailing Wage Act as required in these Bid Documents.

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 a default, the Owner need not return the defaulting Bidder's bid surety 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, irrespective of whether the amount thus due exceeds the amount of the defaulting Bidder's bid surety, provided that the District's retention of

the bid guarantee shall not preclude the District from holding the Bidder fully liable for any and all damages which are in excess of said partial liquidated damages, and which shall otherwise be incurred by the District, including reasonable attorneys' fees, arising from the Bidder's failure to enter into said Contract and to deliver the same back to the District within said ten (10) day period.

## **12. Award of Contract**

Owner will award of Contract to the lowest responsible Bidder, as determined by Owner. Although price is a major consideration in the award of bids, the Park District does not award on price alone and will also consider the Bidder's responsibility. 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, conformity with Specifications, terms of delivery, quality, serviceability, and the financial capability of the Bidder, and the performance of the Bidder on other projects.

The Owner shall have the right to accept Alternates in any order or combination, and to determine the low Bidder on the basis of the sum of the Base Bid and Alternates accepted. Bids will be awarded to one Bidder for the entire project. If specified in the Bid Form, awards will be based upon the submitted unit prices.

The Park District reserves the right to: determine whether a substituted selection, in its judgment, is an acceptable alternate; increase or decrease the quantities shown on the bid; to reject any and all prices or bids submitted without disclosure of reason; waive any irregularity, formality or technicality in any proposal; and accept that bid which is considered in the best interests of the Park District. Such decisions are final and not subject to recourse.

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 the Bidder 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 forfeit the Bid Security.

The Advertisement for Bids, Invitation to Bid, Instructions to Bidders, General Conditions, Special Conditions, if any, Drawings, Specifications, Contractor Bid Form, Addenda, if any, and the Contractors Compliance and Certifications Attachment/Substance Abuse Prevention Program Certification, and Prevailing Wage Notice comprise the Bid Documents. The Bid Documents, together with **the Agreement Between Owner and Contractor**, substantially in the same form included in these Bid Documents, and proof of insurance comprise the Contract Documents.

## GENERAL CONDITIONS

The General Conditions are included in the **Agreement Between Owner and Contractor**, substantially in the same form included in these Bid Documents (the "General Conditions").

AGREEMENT BETWEEN OWNER AND CONTRACTOR FOR \_\_\_\_\_

This Agreement between and Owner and Contractor for \_\_\_\_\_ (the "Agreement") is made as of the \_\_\_ day of \_\_\_\_\_, 2023 by and between the Plainfield Park District, an Illinois unit of local government, with its principal place of business at 23729 West Ottawa Street, Plainfield, Illinois 60544 (the "Park District" or the "Owner"), and \_\_\_\_\_, an \_\_\_\_\_ with its principal place of business at \_\_\_\_\_, \_\_\_\_\_, Illinois, \_\_\_\_\_ ("Contractor"). The Park District and Contractor may hereinafter be referred to together as the "Parties" or individually as a "Party".

### WITNESSETH

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

- Contract Documents. The Contract Documents consist of this Agreement between the Park District and the Contractor, the Bid Documents for Plainfield Park District \_\_\_\_\_ Project, dated \_\_\_\_\_, 2023, attached to this Agreement by reference (the "Bid Documents"), Contractor's Proposal, attached to and incorporated as part of this Agreement as **Exhibit A**, Contractor's Certifications, attached to and incorporated as part of this Agreement as **Exhibit B**, Contractor's Performance Bond and Payment Bond, attached to and incorporated as part of this Agreement as **Exhibit C**, and any modifications issued after the execution of this Agreement. All of the terms, conditions and specifications contained in the Bid Documents are incorporated herein. In the event of conflict between the Contract Documents, this Agreement shall control.
- Scope of Work. The Contractor shall provide all labor, equipment and materials required to complete the following work: \_\_\_\_\_, and all other improvements as indicated in the Contract Documents (the "Work").
- Examination of Contract Documents and Site. By its execution of this Agreement, Contractor acknowledges, agrees, represents, and warrants that Contractor has carefully and thoroughly examined the Contract Documents, and the Contract Documents are full and complete, include all items necessary for the proper execution and completion of the Work, are sufficient to have enabled the Contractor to determine the cost of the Work and the time required for performance of the Work and to enable Contractor to construct the Work indicated therein in accordance with laws, ordinances, codes, regulations and rules applicable to the Work, and otherwise to fulfill all its obligations thereunder, including, but not limited to, Contractor's obligation to construct the Work for an amount not in excess of the Contract Sum on or before the date(s) of Final Completion. The failure or omission of Contractor to obtain, receive or examine the Contract Documents and become knowledgeable with respect to conditions of the Work, or to seek needed clarification from the Park District shall in no way be cause to alter this Agreement or the Contract Sum.

By its execution of this Agreement, Contractor represents and warrants that Contractor has visited the

site, become familiar with local conditions under which the Work is to be performed, and correlated personal observations with requirements of the Contract Documents. Before commencing activities, the Contractor shall: a) verify measurements; b) carefully compare this and other information known to the Contractor with the Contract Documents; and c) promptly report errors, inconsistencies, or omissions discovered to the Park District.

4. Commencement and Completion Dates. Contractor shall commence the Work on or about\_\_\_\_\_, 2023 or such other date as mutually agreed to by the Parties. Contractor shall achieve Substantial Completion of the Work on or before\_\_\_\_\_ and shall achieve Final Completion of the Work on or before \_\_\_\_\_. Substantial Completion means the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use. Final Completion means the date the Work has been fully performed, all Work has been completed in accordance with the Contract Documents, including correction of any defective Work, and the Park District has inspected and accepted the completed Work and approved final payment to the Contractor.

The Contractor shall carry the Work forward regularly, diligently, uninterruptedly and expeditiously and in a good workmanlike and professional manner at such a rate of progress and with an adequate work force as will ensure the completion of the Work in accordance with the Contract Documents by the Final Completion date. It is expressly understood and agreed by and between Contractor and Park District that the time for completion of the Work is a reasonable time, taking into consideration the average climatic range, usual industrial conditions, and all other conditions and actors prevailing in this locality.

5. Performance of Work.

a. Contractor shall perform all Work in a good and workmanlike manner. Contractor shall maintain sufficient staff and crews to perform all Work in an expeditious manner consistent with the interests of the Park District. Contractor shall promptly notify the Park District immediately in writing: (i) of any information required from the Park District and necessary for Contractor to complete its Work in a timely manner; and (ii) of any Work requested by the Park District or required for the project that is not included in the scope of Work reflected in the Contract Documents. Contractor shall be solely responsible for means and methods selected in performing the Work. Contractor shall supervise all Work so that it is performed in a safe and expeditious manner. Contractor shall be solely responsible for the Work of its employees and its subcontractors' and suppliers' employees. Contractor shall keep all documents and information related to the project confidential and, except as required by law, shall not disclose such documents or information to any person or other party except the employees of Contractor and its subcontractors who need such documents or information to perform the Work and complete the project.

b. Contractor shall confine all equipment, the storage of materials and the operations of its workers, to limits indicated by law, ordinances, permits, or directions of the Park District and shall not unreasonably encumber the project site with such materials. The project site shall not be utilized for the storage of vehicles, materials, equipment, or fixtures not intended for the Work to be performed.

c. Contractor shall notify all utility companies, public and private, as necessary in advance of commencing performance of the Work. The responsibility for moving water lines, gas lines, wire lines, service connections, water and gas meter boxes, water and gas valve boxes, light standards, cable ways, signals and all other utility appurtenances which are within the limits of the proposed construction will be

assumed by the Contractor, at no additional compensation. The Contractor shall verify the location of all utilities prior to the start of construction and shall be responsible for the preservation of existing utility installation and the cost of providing precautionary supports, braces, or other equipment to insure against damage to said utility installation. The cost to repair and replace any new or existing utilities damaged will be paid for by the Contractor.

d. If Contractor uncovers or discovers any concealed condition differing materially from conditions depicted in the Contract Documents or differing from conditions reasonably anticipated or inherent in the Work, Contractor shall immediately stop the Work and notify the Park District of the condition in writing. The Park District shall then issue directions. The contract time and Contract Sum shall be equitably adjusted if necessitated by such directions of the Park District.

6. Contract Sum. The Park District agrees to pay Contractor for the proper and timely performance of the Work in strict accordance with the Contract Documents the following amount: \_\_\_\_\_00/100 Dollars (\$\_\_\_\_\_.00) (the "Contract Sum").

7. Payment. Payment shall be made by the Park District to the Contractor upon the Park District's receipt of an invoice itemizing the Work properly performed as determined by the Park District, and delivery of lien waivers and sworn statements, for the period covered by the invoice. The Contract Sum shall be paid in accordance with the Local Government Prompt Payment Act, 50 ILCS 505/1 et seq.

Final payment shall not become due until Contractor has fully performed the Work in accordance with the Contract Documents, including but not limited to correction of any defective Work, and delivery of all required documentation in accordance with Section 8 below. Acceptance of final payment by the Contractor, a subcontractor or material supplier shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of the application for final payment. Final payment by the Park District shall not relieve Contractor of the responsibility for the correction of any and all defects in the Work performed. Contractor shall correct all defects as notified for the applicable warranty period after final payment.

8. Waiver of Liens. Contractor for itself and for all its sub-suppliers and subcontractors, agrees that no mechanic's lien or other claim shall be filed or maintained by Contractor or by any sub-supplier, subcontractor, laborer or any other person, whatsoever, against the Park District's funds for or on account of any Work furnished under this Agreement. If at any time a mechanic's lien or other claim shall be filed, then Contractor shall promptly discharge, remove or otherwise dispose of such lien and, in the event Contractor fails to do, the Park District shall have the right to retain, out of any payment due or thereafter to become due to Contractor, an amount sufficient to completely indemnify the Park District against such lien or claim, including any reasonable attorneys' fees that have been or may be incurred by the Park District.

Prior to the payment of the Work, Contractor shall provide: a) for any payment other than final payment for the Work, a partial waiver of lien from Contractor and each sub-supplier and subcontractor reflecting any partial payouts, and for final payment, a final waiver of lien from Contractor and each sub-supplier and sub-contractor for the full amount of each subcontract for the Work, showing all materials and labor have been paid in full; and b) sworn affidavit, in triplicate, containing such information and in such form to comply with the Illinois Mechanics Lien Act (770 ILCS 60/23 ), showing in detail the sources of all labor

and materials used in the Work, including the names and addresses of sub-suppliers and subcontractors and showing amounts paid for each.

Final payment shall not become due until the Contractor has fully performed the Work, including but not limited to delivery of all manufacturer's and supplier's warranties, and has delivered to the Park District a complete release of all liens arising out of this Agreement or receipts in full covering all labor, materials and equipment for which a lien could be filed, or a bond satisfactory to the Park District to indemnify the Park District against such lien. If a lien remains unsatisfied after payments are made, the Contractor shall refund to the Park District all money that the Park District may be compelled to pay in discharging such lien, including costs and reasonable attorneys' fees.

#### 9. Changes in the Work.

a. By appropriate modification, changes in the Work may be accomplished after execution of the Agreement. The Park District may order changes in the Work within the general scope of the Agreement consisting of additions, deletions, or other revisions, with the Contract Sum and contract time being adjusted accordingly. Such changes in the Work shall be authorized by written change order signed by the Park District and Contractor ("Change Order"). Upon issuance of the Change Order, the Contractor shall proceed promptly with such changes in the Work, unless otherwise provided in the Change Order. Contractor shall be solely responsible for the cost of additional work and materials under any change order resulting from Contractor's negligent act or omission or failure to perform the Work in accordance with the Contract Documents.

b. No change in the Work, whether by way of alteration or addition to the Work, shall be the basis of an addition to the Contract Sum or change in the contract time unless and until such alteration or addition has been authorized by a Change Order executed and issued in accordance with and in strict compliance with the requirements of the Contract Documents and applicable law. Accordingly, no course of conduct or dealing between the Parties, nor any express or implied acceptance of alterations or additions to the Work and no claim that the Park District has been unjustly enriched shall be the basis of any claim to an increase in the Contract Sum or change in the contract time.

c. Adjustments to the Contract Sum for changes in the Work other than changes in the Work involving items for which unit prices were requested by Park District and provided in Contractor's Proposal, shall be made by either written lump sum or by time and material changes, as approved by the Park District, and as follows:

i. The combined allowance for overhead and profit for any changes in the Work shall be the following percentages: (a) five percent (5%) of the cost of the change in the Work involved if performed by the Contractor not involving subcontractors, or (b) five percent (5%) of the cost of the change in the Work involved performed by subcontractors, plus two percent (2%) of the cost of the change in the Work for the Contractor's supervision of the work performed by the subcontractors. When both additions and credits covering related Work are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase, if any, with respect to that change.

d. Overtime, if and when specifically authorized in advance in writing by the Park District shall be paid by the Park District on the basis of premium payment if any, plus the cost of insurance and taxes based on the premium payment period. No overhead or profit may be charged for overtime. The Contractor shall not be entitled to any payment for overtime necessitated by the failure of the Contractor to perform the Work in accordance with the Contract Documents including without limitation to the Contractor's failure to prosecute the Work diligently and on an uninterrupted basis and with a sufficient work force so as to achieve completion of the Work within the time and in the manner contemplated by the Contract Documents or otherwise due to the fault of the Contractor. In such instances if the Park District requires the Contractor to perform Work on an overtime basis, all costs for and associates with such overtime shall be borne by the Contractor.

10. Progress Meetings and Coordination. On a weekly basis until Final Completion, or as otherwise agreed by the Parties, the Park District and Contractor shall participate in weekly progress meetings as applicable and necessary. The Contractor shall require its subcontractors and suppliers to be present at such meetings as appropriate based on the status of ongoing and scheduled Work. The Contractor shall report on the status of the Work, and the Parties shall discuss and attempt to resolve all requests for information, submittals, Change Order requests, and all other open items then pending.

11. Owner's Right to Correct the Work. If Contractor defaults or neglects to carry out the Work in accordance with this Agreement and fails within a seven (7) day period after receipt of written notice from the Park District to commence and continue correction of such default or neglect with diligence and promptness, the Park District may, without prejudice to other remedies the Park District may have, correct such deficiencies. In such case, the Park District shall deduct from payments then or thereafter due Contractor the cost of correcting such deficiencies, including compensation to the Park District for any and all expenses related thereto. If payments then or thereafter due Contractor are not sufficient to cover such amounts, Contractor shall pay the difference to the Park District.

The rights and remedies of the Park District stated in this Agreement shall be in addition to and not in limitation of, any other rights of the Park District granted at law or in equity.

12. Delays. In the event the Work is delayed due to a cause beyond the reasonable control of Contractor, including strikes, labor disputes, lockouts, fire, shortages of labor or material, inclemency of weather, accidents, casualties, pandemic outbreaks, or government orders, Contractor shall not be liable for any damages caused by such delays, shortages, or disruptions and, provided that Contractor is in compliance with all other relevant provisions of this Agreement, the contract time shall be extended for such reasonable time as the Park District may determine; provided, however, that such extension of contract time shall be net of any delays caused by or due to the fault or negligence of Contractor or which are otherwise the responsibility of Contractor and shall also be net of any contingency or "float" time allowance included in Contractor's construction schedule. Contractor shall, in the event of any occurrence likely to cause a delay, cooperate in good faith with the Park District to minimize and mitigate the impact of any such occurrence and do all things reasonable under the circumstances to achieve this goal. Any such extension of contract time pursuant to this section shall be reduced to a Change Order. Extension of contract time pursuant to this section shall be the Contractor's sole and exclusive remedy for delay.

13. Correction of the Work. The Contractor shall promptly correct Work rejected by the Park District or failing to conform to the requirements of the Contract Documents, whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing and inspections, the cost

of uncovering and replacement, the cost of repairing or replacing all adjacent work not necessarily provided by the Contractor, but damaged as a result of such defect or non-conformity or as a result of remedying them, and compensation for an architectural or engineering services and expenses made necessary thereby, shall be at the Contractor's expense. Contractor shall, within a reasonable time under the circumstances, after receipt of written notice thereof, correct, repair, replace and otherwise make good any defects or non-conformity in the Work. If the Contractor fails to correct nonconforming Work within a reasonable time, the Park District may correct it in accordance with Section 11.

14. Warranties. The Contractor makes the following warranties to the Park District:

- a. It will, at the date of delivery, have good title to any and all goods supplied to complete the Work, and said goods will be free and clear of any and all liens and encumbrances;
- b. Any and all goods supplied to complete the Work will be of merchantable quality;
- c. Any and all goods supplied to complete the Work will be fit for the particular use intended, will be free from defects, whether patent or latent in material or workmanship, and will be in full conformity with the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective;
- d. The Contractor warrants that all material and Work provided will be in conformance with the Contract Documents and free from defects in workmanship, materials and equipment for a period of one (1) year or such longer period as may be specified in the Contract Documents, except as provided below. Warranty time periods shall commence with the date of Final Completion of the Work. The Contractor shall promptly repair and replace, as determined by the Park District, any defects or deficiencies at no charge to the Park District during any warranty period;
- e. Upon notice from the Park District of such defect of non-conformity, the Contractor shall promptly visit the site in the company of the Park District's representative to determine the extent of all defects or non-conformities and shall promptly repair or replace the defective or non-conforming material and Work, including all adjacent work not necessarily provided by the Contractor, but damaged as a result of such defect or non-conformity or as a result of remedying them. Defective materials, equipment or workmanship occurring within the warranty period may be repaired where such produces results conforming to the Contract Documents relating to appearance, performance and reliability. Where the nature of the defective materials, equipment or workmanship is such that acceptable results cannot be obtained by repair, such defective items shall be removed and replaced with new materials, equipment or workmanship complying with the Contract Documents. If the Contractor does not promptly repair or replace defective or non-conforming Work, the Park District may repair or replace such work and charge the cost thereof to the Contractor. Work which is repaired or replaced by the Contractor shall be inspected and accepted and shall be warranted by the Contractor to be free from defects for a period equal to twelve (12) months after the completion of the corrective Work or such longer period of time as may be prescribed by law or in equity or by the terms of any applicable special warranty. The warranties set forth herein are in addition



to all warranties or guarantees expressed or implied by operation of law, statute or ordinance. Where warranties overlap, the more stringent requirement shall govern;

- f. The Contractor shall deliver all warranties received from manufacturer to the Park District prior to Final Completion, but this shall not reduce Contractor's obligations under this section.

Payment by the Park District for any Work later determined to be defective shall not relieve Contractor of its obligation to correct defective Work.

15. Cleaning Up. The Contractor shall keep the project site and surrounding area free from accumulation of waste materials or rubbish caused by operations under the Agreement. At completion of each site visit, the Contractor shall remove from and about the site waste materials, rubbish, the Contractor's tools, equipment, machinery and surplus materials. If the Contractor fails to clean up as provided herein, the Park District may do so and the cost thereof shall be charged to the Contractor.

16. Safety of Persons and Property.

- a. The 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, Park District employees and patrons and other persons who may be affected thereby; and
  - (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.
- b. The 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 promptly remedy damage and loss to Park District property or other 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. The Park District reserves the right to restore any such property and deduct from payments then or thereafter due Contractor the cost of restoring such property, including compensation to the Park District for any and all expenses related thereto. If payments then or thereafter due Contractor are not sufficient to cover such amounts, Contractor shall pay the difference to the Park District.

17. Insurance. The Contractor shall acquire and keep in force the following insurance coverage:

- a. 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 01 04 13, or a substitute form providing equivalent coverage, and shall cover liability arising from premises, operations, independent contractors, smoke and fire, 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, its elected and appointed officials, employees and agents shall be included as an additional insured under the CGL, using ISO additional insured endorsement CG 20 10 or a substitute providing 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. Any insurance or self-insurance maintained by the Park District shall be excess of the Contractor's insurance and shall not contribute with it.

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

If Contractor maintains higher limits than the minimums shown above, the Park District requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Park District.

b. Continuing Completed Operations Liability Insurance. Contractor shall maintain commercial general liability (CGL) and, if necessary, commercial umbrella liability insurance with a limit of not less than \$2,000,000 each occurrence for at least three years following Substantial Completion of the Work.

Continuing CGL insurance shall be written on ISO occurrence form CG 00 01 04 13, 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 umbrella 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.

c. 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 \$1,000,000 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 equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage equivalent to that provided in the 1990 and later editions of CA 00 01.

d. 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 under the Commercial General and Umbrella Liability Insurance required in this Agreement, the Contractor shall waive subrogation and all other rights against the Park District and its officers, officials, employees, and agents for recovery of damages arising out of or incident to the Contractor's work.

e. General Insurance Provisions

1. Evidence of Insurance. Prior to beginning Work, Contractor shall furnish to the Park District with a certificate(s) of insurance and applicable policy endorsement(s), executed by a duly authorized representative of each insurer, 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 beginning the Work 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. Contractor shall provide certified copies of all insurance policies required above within 10 days of the Park District's written request for said copies.

2. 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.

3. 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.

4. 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.

5. 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.

18. Indemnification and Hold Harmless. To the fullest extent permitted by law, Contractor shall indemnify, defend and hold harmless the Park District and its officers, officials, employees, volunteers and agents from and against all claims, damages, losses and expenses including but not limited to legal fees (attorney's and paralegals' fees and court costs), arising out of or resulting from the performance of Contractor's performance of the Work, provided that any such claim, damage, loss or expense (i) is attributable to bodily injury, sickness, disease or death, or injury to or destruction of tangible property, other than the work itself, including the loss of use resulting there from and (ii) is caused in whole or in part by any wrongful or negligent act or omission of Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. 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 any party or person described in this Paragraph. Contractor shall similarly protect, indemnify, defend and hold and save harmless the Park District, its officers, officials, employees, volunteers and agents against and from any and all claims, costs, causes, actions and expenses including but not limited to legal fees, incurred by reason of Contractor's breach of any of its obligations under, or Contractor's default of, any provision of this Agreement.

Nothing contained herein shall be construed as prohibiting the Park District, its officers, employees or agents from defending, through the selection and use of their own agents, attorneys and experts, any claims, suits, demands, proceedings or actions brought against them. The Park District's participation in its defense shall not remove the Contractor's duty to indemnify, defend and hold the Park District harmless as set forth herein.

The indemnification required hereunder shall not be limited by reason of the enumeration of insurance coverage herein provided. Contractor's indemnification of the Park District shall survive the termination or expiration of the Agreement.

19. Performance and Payment Bonds.

a. Contractor shall deposit with the Park District before commencing any work an AIA A312-2010 Performance Bond and Payment Bond, or an approved substitute, for 110% of the Contract Sum, guaranteeing the faithful performance of the Work in accordance with the Contract Documents, the payment of all indebtedness incurred for labor and materials, payment of the prevailing wage, and guarantee correction of Work. The surety must be approved by the Park District and be licensed to conduct business in the State of Illinois and be named in the current list of "Surety Companies Acceptable on Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury. The payment and performance bonds shall strictly comply with the Public Construction Bond

Act, 30 ILCS 550/0.01, et seq. and this section. Contractor and all subcontractors shall name the Park District as an obligee on all bonds.

b. Whenever Contractor shall be and is declared by the Park District to be in default under the Agreement, the surety and the Contractor are each responsible to make full payment to the Park District for any and all extra work incurred by the Park District as a result of the Contractor's default and to pay to the Park District all attorneys' fees and court costs incurred by the Park District as a result of the Contractor's default, and in protecting the Park District's rights under the Contract Documents to remedy the Contractor's default.

## 20. 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.

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

(i) If Contractor fails to provide the Work as required in the Contract Documents, or otherwise breaches or defaults under any provision of this Agreement and does not remedy such failure, breach or default within seven (7) days after demand from the Park District to take corrective action, or in the event of repeated or multiple failures or defaults by Contractor, the Park District may immediately terminate this Agreement and enter into an agreement with another contractor or contractors to provide the Work. In such event: a) the Park District shall not pay Contractor for any portion of the Work not completed in accordance with the Contract Documents; b) the Park District shall deduct from payments due to the Contractor the cost of correcting any deficiencies in accordance with Section 11 of this Agreement; and c) Contractor shall be liable to the Park District for the increased cost to the Park District of obtaining services from the substitute contractor(s).

(ii) If Contractor is adjudged as bankrupt, or if Contractor makes a general assignment for insolvency, or if any provision of the bankruptcy law is invoked by or against Contractor, then notwithstanding any other rights or remedies granted the Park District, the Park District may, without prejudice to any other right or remedy, a) immediately terminate the retention of Contractor and/or b) finish or cause to be finished the Contractor's services required under this Agreement by whatever method and by whichever persons the Park District deems expedient. In such case, Contractor shall not be entitled to

receive any payment until the Work is completed. If the unpaid balance of the Contract Sum exceeds: (1) the expenses of completing the Work, including compensation for additional managerial and administrative services, plus (2) the Park District 's losses and damages because of Contractor's default (collectively "Park District Expenses and Damages"), such excess shall be paid to Contractor. If the Park District Expenses and Damages exceed such unpaid balance, Contractor shall pay the difference to the Park District promptly on demand and the Park District may resort to any other rights or remedies the Park District may have by law or under this Agreement.

c. Upon termination of this Agreement for any reason as provided herein: (1) Contractor shall not be entitled to damages or lost profits; and (2) except as otherwise provided herein, 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.

21. Compliance with Laws and Permits. Contractor shall comply with all applicable local, state and federal codes, laws, ordinances, rules and regulations. 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. Contractor's Compliance and Certification Attachment is attached to and incorporated as Exhibit B to this Agreement.

22. 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 Will County, Illinois, the prevailing party shall be entitled to an award of reasonable attorneys' fees and costs of litigation. 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.

23. 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.

24. 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, defenses and/or privileges of the Park District and/or Contractor, and/or any of their respective officials, officers and/or employees.

25. 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.

26. 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.

27. 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.

28. Subcontracts. Any subcontract that Contractor enters into for the Work shall be in writing and shall specifically provide that the Park District is an intended third-party beneficiary of such subcontract and that the Park District shall have the right to enforce the subcontractor's obligations thereunder after the occurrence of a default under the Agreement by the Contractor. By appropriate written agreement, the Contractor shall require each subcontractor, to the extent of the Work to be performed by the subcontractor, to be bound to the Contractor by the terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities which the Contractor, by the Contract Documents, assumes toward the Park District.

29. Notices. Notices shall be deemed properly given hereunder if in writing and either hand delivered or sent by United States certified mail, return receipt requested, postage prepaid, or by email transmission with the sending Party retaining confirmation of receipt, to the Parties at their respective addresses provided below, or as either Party may otherwise direct in writing to the other Party from time to time:

If to the Park District:	Plainfield Park District Attn: Kevin Miller 23729 West Ottawa Street Plainfield, IL 60544 Email: kmiller@plfdparks.org
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If to Contractor:

Notices personally delivered shall be deemed given on the date of delivery, notices sent by certified mail shall be deemed delivered the second business day following deposit in the mail, and notices sent by email transmission shall be deemed given on the date of transmission if sent on or before 5:00 PM

on a business day, or, if later, the next business day.

30. Entire Agreement; No Amendment. This Agreement 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 Agreement shall be effective unless in writing and dated subsequent to the date of this Agreement and signed by an authorized representative of each Party.

31. 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.

32. 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.

IN WITNESS WHEREOF, each of the undersigned has caused this Agreement to be executed by a duly authorized official thereof effective as of date written above.

PLAINFIELD PARK DISTRICT

By:

\_\_\_\_\_  
President, Board of Park Commissioners

Attest:

\_\_\_\_\_  
Secretary, Board of Park Commissioners

By:

\_\_\_\_\_

Its:

\_\_\_\_\_



## **SUPPLEMENTARY CONDITIONS**

The General Conditions are hereby amended to include the following:

**1. Use of Sites**

The Contractor shall confine all equipment, the storage of materials and the operations of its workers, to limits indicated by law, ordinances, permits, or directions of the Owner and shall not unreasonably encumber the site with such materials. The site shall not be utilized for the storage of vehicles, materials, equipment, or fixtures not intended for the Work to be performed.

**2. Cooperation with Utilities**

The Contractor shall notify all utility companies, public and private, as necessary in advance of commencing performance of the Work. The responsibility for moving water lines, gas lines, wire lines, service connections, water and gas meter boxes, water and gas valve boxes, light standards, cable ways, signals and all other utility appurtenances which are within the limits of the proposed construction will be assumed by the Contractor, at no additional compensation.

The Contractor shall verify the location of all utilities prior to the start of construction and shall be responsible for the preservation of existing utility installation and the cost of providing precautionary supports, braces, etc. to insure against damage to said utility installation. The cost to repair and replace any new or existing utilities damaged will be paid for by the Contractor.

It is understood and agreed that the Contractor has considered in its bid all of the permanent and temporary utility appurtenances in their present or relocated positions and that no additional compensation will be allowed for delays, inconvenience, or damage sustained by the Contractor, due to any interference from the said utility appurtenances or the operation of moving them either by the utility company or by the Contractor, or on account of any special construction methods required in performing the Work due to the existence of said appurtenances whether in their present or relocated positions.

**3. Protection of Property – Safety Responsibility**

In accordance with the Specifications, the Contractor shall protect all existing property and improvements within the project site and those adjacent to the Owner's property in a manner agreed upon between the Owner and Contractor. The Contractor shall be responsible for the repair cost of any damage created by its operations or the operations of any subcontractors.

Contractor shall comply with State and Federal regulations as outlined in the latest revision of the Federal Construction Safety Standards and with applicable provisions and regulations of Occupation Safety and Health Administration (OSHA), Standards of the William-Steiger Occupational Health and Safety Act of 1970 (revised). The Contractor and Owner shall each be responsible for their respective agents and employees.

The Contractor shall be obligated to indemnify, hold harmless and protect the Owner, its officers, employees and agents, from any actions or suits instituted as a direct or indirect result of any injury or damage consequent upon any failure to use or misuse by the Contractor, its agents and employees and any subcontractor, its agents and employees, of any ladder, support or other mechanical contrivance erected or constructed by any person or any or all kinds of equipment whether or not owned by or furnished by the Owner.

**4. Insurance**

**BIDDER'S ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW. IT IS HIGHLY RECOMMENDED THAT THE BIDDER CONFER WITH ITS INSURANCE CARRIER REGARDING THESE REQUIREMENTS. FAILURE TO MEET THESE REQUIREMENTS IS CAUSE FOR CANCELLATION OF THE CONTRACT.**

The successful Bidder shall purchase from and maintain in a company/companies, lawfully authorized to do business in the jurisdiction in which the project is located, such insurance as will protect the Bidder from claims set forth below which may arise out of or result from the Bidder's operations under the Contract and for which the Bidder may be legally liable, whether such operations be by the Bidder or by a subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

1. claims under workers' compensation, disability benefit and other similar employee benefit acts which are applicable to the work to be performed;
2. claims for damages because of bodily injury, occupational sickness or disease, or death of the Bidder's employees;
3. claims for damage because of bodily injury, sickness or disease, or death of any person other than the Bidder's employees;
4. claims for damages insured by usual personal injury liability coverage which are sustained (1) by a person as a result of a conduct directly or indirectly related to employment of such person by the Bidder, or (2) by another person;
5. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
6. claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle; and claims involving contractual insurance.

The insurance required in accordance with this section shall be written for not less than limits of liability specified below or required by law, whichever coverage is greater. Coverages shall be written on an occurrence basis and shall be maintained without interruption from date of commencement of the Work until date of final payment and termination of any coverage required to be maintained after final payment. All coverage shall be primary with respects to all claims arising out of operations performed by or on behalf of the Bidder.

**A. Commercial General Liability**

- |      |             |   |
|------|-------------|---|
| i.   | \$2,000,000 | General Aggregate                       |
| ii.  | \$2,000,000 | Products/Completed Operations Aggregate |
| iii. | \$1,000,000 | Personal Injury                         |
| iv.  | \$1,000,000 | Each Occurrence                         |
| v.   | \$100,000   | Fire Damage                             |
| vi.  | \$10,000    | Medical Expenses                        |

1. Products and completed operations coverage shall be maintained for three (3) years after final payment.
2. Insurance will provide "X, C and U" (Explosion, Collapse and Underground Hazard) coverage as applicable.
3. Policy shall be endorsed to have General Aggregate apply to this project only.
4. The Park District, its elected and appointed officials, employees and agents shall be included as an insured under the CGL, using ISO

additional insured endorsement CG 20 10 or a substitute providing equivalent coverage, and under the commercial umbrella, if any. The coverage afforded the Park District shall be primary with respect to claims arising out of operations performed by or on behalf of the Bidder. Any insurance or self-insurance maintained by Park District shall be in excess of Bidder's coverage and shall not contribute to it. The insurance company's liability shall not be reduced by the existence of such other insurance or self-insurance.

5. CGL insurance shall be written on Insurance Services Office (ISO) occurrence form CG 00 01, or a substitute form providing 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).

**B. Automobile Liability Insurance**

- i. \$1,000,000 Combined Single Limit
- ii. \$1,000,000 Uninsured Motorists
- iii. \$1,000,000 Under-insured Motorists
  1. Coverage to include all owned vehicles, non-owned vehicles and hired or rented vehicles

**C. Umbrella Excess Liability**

- i. \$2,000,000 Each Occurrence
- ii. \$2,000,000 Aggregate
- iii. \$10,000 Self-Insured Retention
  1. The Park District shall be named as "Additional Insured" on the commercial general liability policy of the Bidder and/or subcontractor of any tier on a primary, non-contributory basis, using ISO additional insured endorsement CG 20 10 or a substitute providing equivalent coverage, and under the commercial umbrella, if any.
  2. CGL insurance shall be written on Insurance Services Office (ISO) occurrence form CG 00 01 10 93, or a substitute form providing 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).

**D. Workers Compensation, Occupational Disease and Employer's Liability Insurance**

- i. State (in which this contract is performed): Statutory limits
- ii. Applicable Federal (if any): Statutory limits
- iii. Employer's Liability (\$1,000,000) each accident for bodily injury by accident or each employee for bodily injury by disease
- iv. If Park District has not been included as an additional insured under the Commercial General Liability using ISO additional insured endorsement CG 20 10 under the Commercial General and Umbrella Liability Insurance required in this Contract, the Bidder waives all rights against Park District and its officers, officials, employees, volunteers, and agents for recovery of damages arising out of or incident to the Bidder's work.

**E. Installation Floater**

Each Bidder shall maintain proper insurance to cover any loss or damage to material, product and/or item of equipment, at full replacement value, to be used on or in the project until such time that the material, product and/or item of equipment is made permanently part of the building, structure, or project.

**F. Evidence of Insurance**

Prior to beginning the Work, Bidder shall furnish the Park District with certificates of insurance and applicable policy endorsements, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements set forth above.

All certificates shall provide for 30 days written notice to the Plainfield 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 Bidder's obligation to maintain such insurance.

The Park District shall have the right, but not the obligation, of prohibiting Bidder 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 Contract at the Park District's option.

With respect to insurance maintained after final payment in compliance with the requirement above, additional certificates evidencing such coverage shall be promptly provided to the Park District whenever requested.

The Bidder shall provide certified copies of all insurance policies required above within 10 days of the Park District's written request for said copies.

**G. Acceptability of Insurers**

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

**H. Cross-Liability Coverage**

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

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

#### **J. Subcontractors**

The Bidder shall cause each subcontractor employed by the Bidder to purchase and maintain insurance of the type specified above. When requested by the Park District, the Bidder shall furnish copies of certificate(s) of insurance evidencing coverage for each subcontractor. Proof of coverage shall be provided prior to start of work.

#### **5. Indemnification**

To the fullest extent permitted by law, the Bidder shall indemnify and hold harmless the Park District and its officers, officials, employees, volunteers and agents from and against all claims, damages, losses and expenses including but not limited to legal fees (attorney's and paralegal's fees and court costs), arising out of or resulting from the performance of the Bidder's work, provided that any such claim, damage, loss or expense (i) is attributable to bodily injury, sickness, disease or death, or injury to or destruction of tangible property, other than the work itself, including the loss of use resulting there from and (ii) is caused in whole or in part by any wrongful or negligent act or omission of the Bidder, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, except to the extent it is solely caused in part by a party indemnified hereunder. 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 any party or person described in this paragraph. The Bidder shall similarly protect, indemnify, and hold and save harmless the Park District, its officers, officials, employees, volunteers, and agents against and from any and all claims, costs, causes, actions and expenses including but not limited to legal fees, incurred by reason of Bidder's breach of any of its obligations under, or the Bidder's default of, any provision of the contract.

Nothing contained herein shall be construed as prohibiting the District, its officers, employees or agents from defending, through the selection and use of their own agents, attorneys and experts, any claims, suits, demands, proceedings or actions brought against them. The District's participation in its defense shall not remove the successful Bidder's duty to indemnify, defend and hold the District harmless as set forth herein.

The indemnification required hereunder shall not be limited by reason of the enumeration of insurance coverage herein provided.

#### **6. Invoicing and Payment**

Terms for payment are governed by the Local Government Prompt Payment Act, 50 ILCS 505/1, *et seq.*, unless as otherwise modified by the Contract Documents.

#### **7. Guarantee and Warranty**

The successful Bidder warrants to the Park District that all materials, supplies, and equipment furnished for the Work will: a) be of good quality and new unless otherwise required or permitted by the Specifications; b) be free from defects not inherent in the quality required or permitted; and c) conform to the Specifications. Materials, supplies and equipment not conforming to the Specifications, including substitutions not properly approved or authorized are defective and will be rejected by the Park District.

The Bidder 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. The Bidder guarantees against any faulty materials or workmanship for a period of one (1) year after final payment, or for the period(s) set forth in the scope of work/Specifications, whichever is longer. Any such defects must be corrected, either through repair or replacement in a manner satisfactory to the Park District, at the Bidder's expense.

Neither final payment nor termination of the warranty period, nor any provision in the Contract Documents shall relieve the Bidder of the responsibility for negligence, faulty materials, or workmanship to the extent and within the period provided by law, and upon written notice the Bidder shall remedy any defects due thereto, and shall pay all expenses for any damage to other work resulting therefrom.

**8. Compliance with Law**

Contractor shall comply with all applicable federal, state, local laws, ordinances, rules, regulations and orders (collectively, the "Applicable Laws") in performance of the Work and shall ensure all Work complies with the Applicable Laws. . The Applicable Laws shall be considered a part of the Contract Documents. Lack of knowledge on the part of the Bidder or subcontractor will in no way be cause for release or waiver of this obligation. Unless as otherwise specified by the Contract Documents, the Bidder or its subcontractor shall, at its sole cost and obligation, be responsible for obtaining all applicable licenses permits required to perform its duties under the Contract. The Park District reserves the right to reject any bid, cancel any contract and pursue any and all legal remedies available to it in the event of Bidder's breach of this provision. Bidder shall execute Contractor's Compliance and Certification Attachment/ Substance Abuse Prevention Program Certification, which shall be incorporated as part of the Contract,

**SPECIAL CONDITIONS**

1. Unless expressly agreed otherwise by the Park District, the Park Site shall remain open to the public for the duration of the project. As such, Contractor shall maintain the project site in a manner that ensures safe access to park amenities by the public, Park District staff and others requiring access to the parks. 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.

**2. Liquidated Damages**

The parties agree that time is of the essence of this Agreement. If the Contractor fails to achieve Substantial Completion of the Work by the Substantial Completion date(s) established in the Contract Documents and/or as established in the approved construction schedules, as may be adjusted by extensions of time contained in fully-executed Change Orders, if any (the "Scheduled Date(s) of Substantial Completion"), the Contractor shall be liable to and shall pay the Owner the amount of \$100.00 per calendar day for each and every such day between the Scheduled Date(s) of Substantial Completion and the actual date(s) of Final Completion, and the Owner may set off and deduct such amounts from payments due, or which may later become due, to the Contractor.

The parties stipulate and agree that this provision is fair and reasonable, and the per day rate established in this Section is fair and reasonable, considering the nature of the harm that may be incurred by the Owner as a result of such delay, and the difficulty or impossibility of ascertaining, calculating, and/or proving the actual damages resulting from such delay. The parties stipulate and agree that this Section is a valid and enforceable liquidated delay damages clause, and is not a penalty. The liquidated damages clause contained in this Section shall be Owner's sole and exclusive remedy against Contractor for delay.

**NON-WAIVER**

None of the following acts shall constitute a Waiver of the Contractor's obligation to pay

liquidated damages or any portion thereof:

1. Acceptance of any portion of the Work or payment to the Contractor thereof.
2. Substantial Completion of a portion of the Work or the occupancy thereof by the Owner.
3. Owner requiring/allowing the Contractor to complete the Work.

#### OTHER RIGHTS AND REMEDIES

The rights and remedies of the Owner herein provided are in addition to any other rights and remedies provided under the Contract or by operation by law.

**END SECTION**

## SCHEDULE

### COMMENCEMENT OF WORK

- A. The Work for the Contract shall commence on or before **June 10, 2024**.

### COMPLETION OF WORK

- A. Contractor shall achieve Substantial Completion on or before **September 13, 2024**.

### CONSTRUCTION SCHEDULE SUBMITTAL

- A. Within ten (10) calendar days of Notice of Award, Bidder shall submit and review with the Owner a formal delivery schedule identifying the sequencing of events.

**END OF SECTION**



### **APPLICATION AND CERTIFICATE FOR PAYMENT**

A. The American Institute of Architects "AIA Document G702 - Application and Certificate for Payment", 1992 Edition, including Continuation Sheet G703, is hereby made a part of the Contract Documents.

B. Copies of this Document are available from:

Chicago Chapter Office of the American Institute of Architects  
222 Merchandise Mart Plaza  
Chicago, Illinois 60604  
(312) 670-7770.

### **CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS**

A. The American Institute of Architects "AIA Document G706 - "Contractor's Affidavit of Payment of Debts and Claims", 1994 Edition, is hereby made a part of the Contract Documents.

B. Copies of this Document are available from:

Chicago Chapter Office of the American Institute of Architects  
222 Merchandise Mart Plaza  
Chicago, Illinois 60604  
(312) 670-7770.

**NOTICE OF AWARD (SAMPLE)**

TO:

PROJECT: PLAINFIELD PARK DISTRICT

You are notified that \_\_\_\_\_'s bid dated \_\_\_\_\_ for the above referenced project has been considered by the Plainfield Park District ("Owner"). \_\_\_\_\_ is the apparent successful Bidder and has been awarded a contract for the project in the amount of \$\_\_\_\_\_. You must deliver to Owner a fully executed Agreement, the required bonds and insurance as specified in the Bid Documents, and an acknowledged copy of this Notice of Award within ten (10) calendar days from the date of this Notice of Award. Failure to comply with these conditions within the time specified will entitle the Owner to consider your bid in default, to annul this Notice of Award and to declare your bid security forfeited. Sincerely,

Bob Collins  
Director of Planning

\*\*\*\*\*

**ACCEPTANCE OF NOTICE**

Receipt of this "NOTICE OF AWARD" is hereby acknowledged this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

CERTIFIED PAYROLL SAMPLE

**ILLINOIS DEPARTMENT OF LABOR**      **Certified Transcript of Payroll**      **Public Body Information**

**Contractor and/or Subcontractor:**  
 Contract Person: TOM IONES  
 Company Name: PEM CONSTRUCTION COMPANY  
 Address: P.O. BOX 217  
 1234 MAIN STREET  
 City, State, Zip: CLAYTON, NC 27528  
 Telephone: (919)639-7025

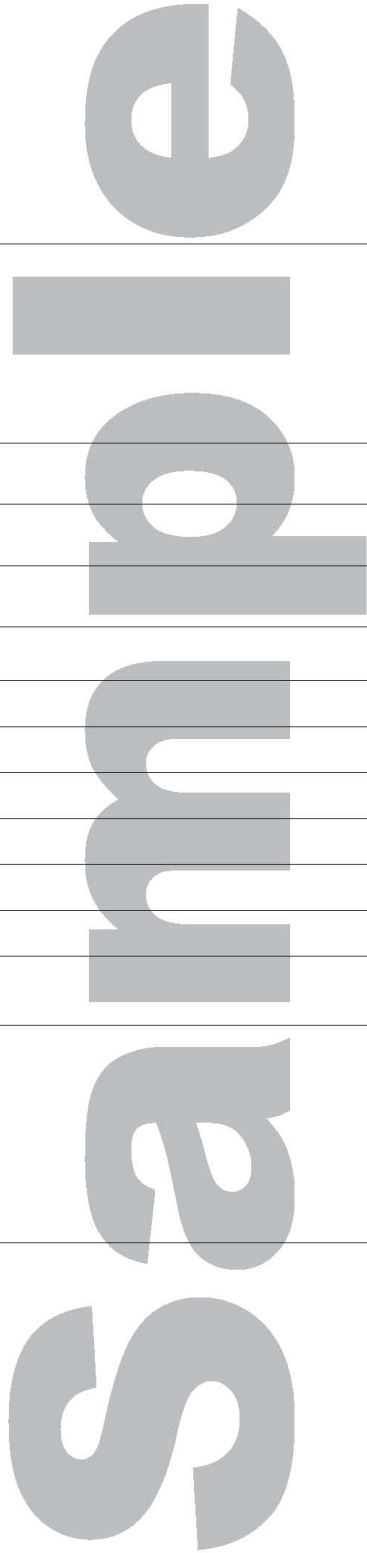
**Contract Information:**  
 Contract Number: 859792/HHGDF  
 Project Number: Sample Project  
 Project: 3RD FLOOR DEMOLITION AND RENOVATION  
 Project Location: ACME BUILDING CORPORATION  
 12345 MAIN STREET  
 ANYWHERE, US 12345

**Public Body Information:**  
 Contact Person: SALLY SMITH  
 Public Body Name: STATE AGENCY  
 Address: 100 STATE ST  
 100 STATE ST  
 City, State, Zip: RALIEGH, NC 27599  
 Telephone: (555)555-9876

**Report Hours for Each Day, Including Overtime Hours. List Hourly Prevailing Wage Rate and Hourly Fringe Benefits Allotments.**

Payroll Date	IDOL Case File Number:	Hours Worked Each Day							Total Hours	Hourly Rate	OT Rate	Per Pay Period		Hourly Fringe Benefits			
		Labor CLASSIFICATION										Reg	PW		Reg	PW	
		TUE	WED	THU	FRI	SAT	SUN	MON									
2/12/2007	889/55674-002	2/6	2/7	2/8	2/9	2/10	2/11	2/12	8.00	48.00	8.00	10.00	15.00	520.00	736.00	0.20	
		CARPENTER										20.00	30.00	0.00	1,200.00	0.10	
																0.30	
																	0.40

BOB SMITH  
 1234 MAIN STREET  
 ANYWHERE USA, CA 12345  
 555-555-1234  
 (555)555-1234



**INSTRUCTIONS:** Fringe benefits (health insurance, pension, vacation, and training) must be paid, if it is required for the work classification, regardless of your union or nonunion status. We give you credit for health insurance paid (if any) and ERISA approved pension plan (if any) and training if your employees are in a BAT approved program. If the fringe benefits rate is paid into a fund, please note by placing the letter "F" behind the fringe benefit rate; if the fringe benefit rate is included on an employee's payroll check, please note by placing the letter "E" behind the fringe benefit rate. On the back of this form please list all subcontractors, independent contractors and owner/operator's your company used on this project. If you wish information regarding coverage of the Act, please visit our web site at [www.state.il.us/agency/ido/](http://www.state.il.us/agency/ido/) or call 217-762-1710.

Form and Software by PEM Software Systems, Inc. 800-803-1315

\*PW - Prevailing Hours Worked \*N - Non Prevailing Hours Worked

**Certified Transcript of Payroll**  
**AFFIDAVIT**

**SUBCONTRACTORS**

Attach explanation of Monies paid, copy of contract of billing, or other pertinent information  
Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

(city) \_\_\_\_\_ (state) \_\_\_\_\_ (zipcode) \_\_\_\_\_

Telephone Number: (000)000-0000

Weekly Statement of Compliance

Date: 2/12/2007

I, JOHN SMITH  
(name of signatory party) \_\_\_\_\_, do  
PRESIDENT  
(title) \_\_\_\_\_

hereby state: that I pay or supervise the payment  
or the persons employed on the public works  
Project 859792/HHGF

that during the payroll period commencing on the  
5 day of FEBRUARY, 2007,  
all persons employed on said project have been  
paid the full weekly wages earned, that no  
rebates have been or will be made either directly  
or indirectly to or on behalf of said  
PEM CONSTRUCTION COMPANY  
(name of contractor or subcontractor)

from the full weekly wages earned by any person  
and that no deductions have been made either  
directly or indirectly from the full weekly wages  
earned by any person, other than permissible  
deductions as defined by Federal and/or State  
Law. I further certify that this payroll is correct  
and complete; that the wage rates contained  
therein are not less the actual rates herein  
stated and that the classification set forth for each  
laborer or mechanic conform to the work he/she  
performed.

Signature \_\_\_\_\_

Digital Signature \_\_\_\_\_



**AFFIDAVIT OF EXPERIENCE**

\_\_\_\_\_, being duly sworn, says that he/she is \_\_\_\_\_ of \_\_\_\_\_,  
 (Sole Owner, Member of Firm, Corporate Official) (Individual, Firm, Corporate Name)

which has done work for the following parties of or the general kind and approximate magnitude required under this Contract. I/we hereby authorize the Plainfield Park District to contact the individuals listed below. Please list at least five (5) projects of similar cost and scope completed in the last five (5) years and include the contact, phone number and date of completion of the project. Additional sheet of references may be attached.

<u>Project Name</u> <u>Date</u>	<u>Contact</u>	<u>Phone # &amp; Email</u>	<u>Completion</u>
------------------------------------	----------------	----------------------------	-------------------


\_\_\_\_\_  
 (Signature)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

Notary Seal

\_\_\_\_\_  
 (Notary Public)  
 My commission expires: \_\_\_\_\_

**BID FORM**

**Project: Plainfield Park District Playground Renovation: Heritage Oaks Bid # 2031**

Bid Proposal of \_\_\_\_\_.

Hereinafter called "BIDDER", (a)/(an) \_\_\_\_\_ (corporation, partnership, individual)

doing business as \_\_\_\_\_

To the Plainfield Park District, hereinafter called the "Owner".

The undersigned Bidder, having examined the Specifications and other Contract Documents for the above referenced project, hereby proposes to furnish and deliver all labor, materials and supplies in accordance with the Contract Documents, within the time set forth therein and at the prices stated below.

Bidder acknowledges receipt of the following Addenda, which are a part of the Contract Documents:  
Addenda Numbers: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

By submission of its bid, the Bidder acknowledges, agrees, represents, declares and warrants:

- A. That Bidder has carefully examined the written Specifications and Drawings and is thoroughly familiar therewith, and that Bidder has visited the site of the proposed Work to arrive at a clear understanding of the conditions under which the Work is to be done, and that Bidder has compared the site with the Drawings and Specifications and has satisfied itself as to all conditions affecting the execution of the Work;
- B. That all modifications have been submitted with this bid;
- C. That Bidder has checked carefully the bid figures and understands that Bidder shall be responsible for any errors or omissions based on these Specifications and alternates as submitted on the Bid Proposal Form;
- D. That it is understood and agreed that the Plainfield Park District reserves the right to accept or reject any or all bids, or to combine or separate any section or work, and to waive any technicalities;
- E. To hold the bid open for ninety (90) days subsequent to the date of the bid opening;
- F. To enter into and execute a Contract with the Owner within ten (10) days after the date of the Notice of Award, if awarded on the basis of this bid, and in connection therewith to:
  - (a) Furnish all bonds, insurance and certifications required by the Contract Documents;
  - (b) Accomplish the Work in accordance with the Contract Documents; and
  - (c) Complete the Work within the time requirements as set forth in the Bid Documents.
- G. That if this bid 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 Bid Documents in the manner and at the time therein prescribed, and in accordance with the requirements set forth;
- H. 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;

- I. That any and all prices stated in the proposal include all costs of labor, materials, equipment, insurance, bonds, overhead and profit, and any and all other costs normal to doing business.

The undersigned Bidder agrees to perform all of the work described in the Contract Documents for the following price:

**Total Base Bid** \$ \_\_\_\_\_

**Alternate #1 - ADD for Sod in lieu of Seed** \$ \_\_\_\_\_

**Alternate #2 - Expanded landscape Plan** \$ \_\_\_\_\_

By \_\_\_\_\_  
(Sign and Date)

FIRM NAME \_\_\_\_\_

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Print Name)

\_\_\_\_\_

\_\_\_\_\_  
(Fax)

\_\_\_\_\_  
(Phone)

\*\*\*\*\*

STATE OF ILLINOIS  
SS. COUNTY OF WILL

I, the undersigned, a notary public in and for the State and County aforesaid, hereby certify that \_\_\_\_\_ appeared before me this day in person and, being first duly sworn on oath, acknowledged that he/she is authorized to act on behalf of Bidder, and that he/she executed the foregoing Bid Form as his/her free act and deed and as the act and deed of Bidder.

Dated: \_\_\_\_\_ 20\_\_\_\_.

My commission expires: \_\_\_\_\_

(Notary Seal)

\_\_\_\_\_  
(Notary Public)

**ITEMIZED BID FORM**

**MOBILIZATION AND REMOVALS**

<b>Item / Description</b>	<b>Approx. Quant.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Subtotal</b>
Remove existing (EX) concrete walk & pad including base, see Demolition/Site Preparation Plan	615	Square Feet	\$	\$
Remove existing (EX) Asphalt Pavement including base, see Demolition/Site Preparation Plan	2250	Square Feet	\$	\$
Remove existing (EX) concrete curb, see Demolition/Site Preparation Plan	53	Linear feet	\$	\$
Remove EX EWF mulch (12" depth) & drainage as noted on Demo/Site Prep. Plans	2650	Square Feet	\$	\$
Remove EX play equipment & footings & any remaining above grade as noted on Demolition/Site Preparation Plans	X	Lump Sum	X	\$
Remove EX benches, waste receptacle as noted on Demo/Site Preparation Plans	X	Lump Sum	X	\$
Remove EX Park Signs & posts. Keep Main Park sign to reuse as noted on Demo/Site Prep. Plans	X	Lump Sum	X	\$
Remove EX wooden shelter, see Demolition/Site Preparation Plan	X	Lump Sum	\$	\$
Mobilization	X	Lump Sum	X	\$

Subtotal - MOBILIZATION AND REMOVALS \$ \_\_\_\_\_



**SITE PROTECTION**

<b>Item / Description</b>	<b>Approx. Quant.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Subtotal</b>
Furnish, install, and maintain temporary 4' construction fencing to secure site during demolition/construction.	640	Linear Feet	\$	\$
Furnish, install, and maintain temporary 4' tree protection fencing	40	Linear Feet	\$	\$
Furnish, install, and maintain temporary silt fencing	105	Linear Feet	\$	\$

Subtotal - SITE PROTECTION \$ \_\_\_\_\_

**SITE GRADING AND EXCAVATION**

<b>Item / Description</b>	<b>Approx. Quant.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Subtotal</b>
Perform all grading and excavation to obtain subgrades for pavement and other grading requirements as shown or noted on Plan and in accordance with the specifications. All excess materials from the grading work must be removed from the site.	X	Lump Sum	X	\$

Subtotal - SITE GRADING AND EXCAVATION \$ \_\_\_\_\_

**SITE DRAINAGE**

Drainage Structures: Meeting IDOT Specs., or as otherwise specified. See details.

<b>Item / Description</b>	<b>Approx. Quant.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Subtotal</b>
Furnish and install Cleanout	1	Each	\$	\$
Furnish and install Underdrainage pipe transitions	4	Each	\$	\$
Furnish and install 4" dia. Perforated PVC-SDR-35 with washed gravel backfill, soil separator and filter fabric sock, per plans	130	Linear Feet	\$	\$
Furnish and install 6" Rigid, non-perforated PVC-SDR-3, per plans	27.5	Linear Feet	\$	\$
Furnish and install Mitered Drain per plans	1	Each	\$	\$

Subtotal - SITE DRAINAGE \$ \_\_\_\_\_

**CONCRETE & PAVING**

<b>Item / Description</b>	<b>Approx. Quant.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Subtotal</b>
4" thick reinforced concrete walk & Agg. Base	1525	Square Feet	\$	\$
Furnish and install Concrete access ramp with side curbs & Agg. Base	1	Each	\$	\$
Concrete Curb 6"x18", per plans	6	Linear Feet	\$	\$
Thickened edge Concrete Curb, per plans	28.5	Linear Feet	\$	\$

Subtotal – CONCRETE & PAVING \$ \_\_\_\_\_

**PLAY EQUIPMENT, SITE FURNISHINGS & SURFACING**

<b>Item / Description</b>	<b>Approx. Quant.</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Subtotal</b>
Play Apparatus: Provided by Owner, Assemble & Install all play apparatus as shown/ noted on plans & specifications.	X	Lump Sum	X	\$
Furnish and install Waste Receptacle as shown on plans and specifications	1	Each	\$	\$
Furnish and install Benches as shown on plans and specifications	2	Each	\$	\$
Furnish and install Picnic Tables as shown on plans, specifications and per manufacturer's instructions	2 (One ADA table)	Each	\$	\$
Shelter Structure: Provided by Owner, Assemble & Install with concrete footings as shown and noted on plans and specifications.	X	Lump Sum	X	\$
Furnish and install 4"x4" cedar sign posts & install Regulation Post (provided by owner) and Reuse Park Sign on Site	X	Lump Sum	X	\$
Furnish and install CA- 7 Stone base (min. 4" depth) & Filter Fabric	2700	Square Feet	\$	\$
Furnish and install EWF play surface at elevation shown after compaction – min. 12" depth.	120	Cubic Yards	\$	\$

Subtotal - PLAY EQUIPMENT & SURFACING \$ \_\_\_\_\_

**LANDSCAPE & LAWN RESTORATION:**

Item / Description	Approx. Quant.	Unit	Unit Price	Subtotal
Fine grade and seed areas using a seed mix as specified and shown or noted on the plans, cover with erosion control mulch per specifications – ALL AREAS DISTURBED MUST BE RESTORED	<b>2100 SF</b> area on plans (As noted in plans and specifications, all areas disturbed must be restored. This is only a guideline based on the plans) (Area may be <b>1834 SF</b> based on ALT 2 choice)	SF	\$	\$
Mulch in New & Existing Trees and Park Sign per plans and specifications (w/ spade edge)	5	Cubic Yards	\$	\$
Furnish and plant all landscape plants and trees for BASE BID, see plans for quantities and details	X	Lump Sum	X	\$

Subtotal - LANDSCAPE & LAWN RESTORATION \$ \_\_\_\_\_

**ALTERNATE – 1: ADD FOR SOD IN LIEU OF SEED FOR SITE RESORATION**

Item / Description	Approx. Quant.	Unit	Unit Price	Subtotal
Fine grade and sod areas using a Kentucky Bluegrass Sod as shown or noted on the plans – COST HERE SHOULD BE ADDED COST TO REPLACE SEED WORK IN BASE BID WITH SOD	<b>2100 SF</b> area on plans (All areas disturbed must be restored. This is only a guideline based on the plans). (Area may be <b>1834 SF</b> based on ALT 2 choice)	SF	\$	\$

Subtotal - ALTERNATE – 1 \$ \_\_\_\_\_

**ALTERNATE – 2: EXPANDED LANDSCAPE PLAN**

Item / Description	Approx. Quant.	Unit	Unit Price	Subtotal
Mulch in additional landscape areas w/ spade edge (see ALT 2 plan) (Additional mulch offsets seeded or sodded area by 266 sq ft.)	5	Cubic Yards	\$	\$
Furnish and plant all Additional landscape plants, see plans for quantities and details	X	Lump Sum	X	\$

Subtotal - ALTERNATE – 2 \$ \_\_\_\_\_

**SUBCONTRACTORS AND SUPPLIERS LIST**

Bidder submits a list of subcontractors for each trade relative to the Work to be performed under the Contract with the District, and agrees that if selected the successful Contractor, the Bidder will promptly confer with the District's agents on the question of which subcontractors the Bidder proposes to use, including submission of their qualifications. It is agreed that the District may substitute for any proposed subcontractor, another subcontractor for the trade against whose standing and ability the Bidder makes no objection in writing, and the Bidder will use all such finally selected subcontractors at the amount named in their respective subcontracts, and be in every way responsible for them and their work as if they had been originally named in the Bidder's bid, the unit, total and alternate Contract prices being adjusted to confirm thereto.

Failure to complete this list will result in rejection of bid.

Legal name, current telephone number and address of all subcontractors must be included.

Subcontractors / Assignment

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Suppliers / Materials

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## CONTRACTOR COMPLIANCE AND CERTIFICATIONS ATTACHMENT

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

THE UNDERSIGNED BIDDER 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 Illinois Department of Labor's wage determination and any subsequent determinations issued by the Illinois Department of Labor, all in accordance with applicable law. These revisions may be accessed by computer at <http://labor.illinois.gov/>. 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. (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.
- H. 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.
- I. 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.
- J. Contractor is not barred from contracting with the Owner because of any delinquency in the payment of any tax administered 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.
- K. If applicable, Contractor shall abide by the "Employment of Illinois Workers on Public Works Act" (30 ILCS570/0.01 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.
- L. 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.

M. Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on 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.

N. 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 Plainfield 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.

Sign and Date: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Print Name & Title: \_\_\_\_\_

Address:-----

Phone: \_\_\_\_\_

\_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

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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 in person and, being first duly sworn on oath, acknowledged that he/she is authorized to act on behalf of Contractor, and that he/she executed the foregoing certificate as his/her free act and deed and as the act and deed of Contractor.

Dated: \_\_\_\_\_ 20\_\_\_\_\_

Notary Public \_\_\_\_\_

**SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION**

The Substance Abuse Prevention on Public Works Projects Act, 820 ILCS 265/1 et seq., (“Act”) prohibits any employee of the Bidder 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 Plainfield 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 on 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 on 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

**IMPORTANT NOTICE OF RESPONSIBILITY FOR PERIODIC REVISIONS TO PREVAILING WAGE RATES**

Revisions of the Prevailing Wage Rates are made periodically by the Illinois Department of Labor (IDOL). As required by the Illinois Prevailing Wage Act, the Contractor/subcontractor has an obligation to check IDOL's web site for revisions to prevailing wage rates. These revisions may be accessed by computer at <http://labor.illinois.gov/>. 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.

## SECTION 01010 - SUMMARY OF WORK

### DIVISION 1 - GENERAL REQUIREMENTS

#### 1.00 GENERAL

##### 1.01 SUMMARY

###### A. Description:

1. Tree Preservation
2. Removal and Demolition
3. Site Preparation
4. Storm Drainage
5. Playground/Shelter Construction
6. Site Furnishings
7. Sod/Seed Restoration & Sod/ Seed installation.
8. Landscape Mulching
9. Concrete work

##### 1.02 CONTRACTS

A. Construct the work under a single fixed-price contract (lump sum amount) in accordance with the specifications & drawings.

##### 1.03 WORK SEQUENCE AND COORDINATION

Coordinate the construction operations included in various Sections of these Specifications to assure efficient and orderly installation of each part of the Work.

##### 1.04 CONTRACTORS USE OF PREMISES

A. Contractor shall limit the use of the premises for work and for storage and to allow for work by Owner.

B. Coordinate use of premises under direction of the Owner's representative.

C. Assume full responsibility for the protection and safekeeping of materials and equipment under this Contract, stored on the site.

D. Move any stored equipment or materials under Contractor's control, which interfere with operations of the Owner or separate contractor.

E. Obtain and pay for the use of additional storage or work areas needed for operations.

##### 1.05 OWNER OCCUPANCY

A. Owner may occupy the premises during the entire period of construction for the conduct of his normal operations and construction. Cooperate with Owner's Representative in all construction operations to minimize conflict, and to facilitate Owner usage.

B. Contractor shall, at all times, conduct all their operations as to ensure the least inconvenience to the general public.

##### 1.06 CONTRACTORS RESPONSIBILITY

A. Contractor shall provide layout of site development and establish and guarantee all main lines, levels, etc. to be called for on the drawings.

B. Contractor shall be responsible for the lines, level, etc. of all his or her subcontractors.

**1.07 LIMITS OF CONSTRUCTION AND CONSTRUCTION TRAFFIC**

Construction traffic and staging shall be permitted only within the construction limits or construction fence limits as indicated on the plan. The Contractor shall be responsible for repair of any areas disturbed outside this area.

**1.08 STORM WATER STRUCTURES AND LINES**

The Contractor is responsible for locating all existing storm water structures and lines prior to making connections to them, and to determine if they are functioning properly. All storm water lines intercepted during site excavations shall be repaired or abandoned as determined by the Owner's representative.

**1.09 CONSTRUCTION VEHICLE PARKING**

It will be the responsibility of the Contractor to control construction vehicle parking. Vehicles will not be permitted within the work zone unless they are engaged directly in the work in progress.

**1.10 UNDERGROUND UTILITIES**

The Contractor is responsible for locating and identifying all existing underground utilities prior to beginning any excavation or trenching. Contact J.U.L.I.E. prior to commencing work.

**1.11 WORKMANSHIP**

High quality, first class workmanship, will be expected for all phases of this Contract. Any element of completed work found unacceptable or not meeting standards will be removed and replaced with acceptable workmanship by the Contractor at the sole cost and expense of the Contractor

**END OF SECTION- 01010**

## **SECTION 01500 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS**

### **ARTICLE 1 - GENERAL**

#### 1.01 *Description*

- A. Furnish, install and maintain temporary facilities and controls required for construction; remove on completion of work. The costs associated with the temporary facilities and controls shall be incidental to the work performed.

### **ARTICLE 2 - PRODUCTS**

#### 2.01 *Materials - General*

- A. Temporary construction materials may be new or used, but must be adequate in capacity for required usage, shall not create unsafe conditions, and shall not violate requirements of applicable codes and standards.

#### 2.02 *Temporary Water*

- A. Arrange with Owner to provide water for construction purposes.
- B. Pay required fees or deposits for water meter and all costs for installation, maintenance and removal. Service shall be metered separately to Contractor as required by the Village.
- C. Be advised that Owner has experienced water shortages in the past and has imposed bans on use of City water for lawn sprinkling. Such bans shall apply to Contractor. Provide alternate supply of water for lawn sprinkling during City sprinkling bans.

#### 2.03 *Temporary Sanitary Facilities*

- A. Provide temporary sanitary toilet facilities conforming to state and local health and sanitation regulations, in sufficient number for use of Contractor's employees.
- B. Maintain in sanitary condition and properly supply with toilet paper.
- C. Remove from site before final acceptance of work.

#### 2.04 *Temporary Fire Protection*

- A. Fire hydrants shall remain accessible at all times to the Owner.

#### 2.05 *Temporary Site Work*

- A. Roadways shall be maintained along where construction has occurred or which are prepared for construction in a clean, drivable condition as determined by the Engineer. When directed by the Engineer, the Contractor shall immediately take corrective action to temporarily repair the roadway to the satisfaction of the Engineer.
- B. Provide and maintain temporary site drainage.

- C. Exercise caution to minimize increase in suspended solids and turbidity in surface waters within and adjacent to construction area. Spoils are not to be deposited in surface waters. Control and minimize sediment runoff and excavation erosion to surface waters.

2.06 *Damage to Existing Property*

- A. Be responsible for replacing or repairing damage to existing buildings, sidewalks, roads, parking lot surfacing, utilities and other existing assets.
- B. Contractor shall take measures to ensure that debris does not enter any of the Owner's facilities (including but not limited to sanitary and storm sewers, valve vaults and boxes). If debris does enter these facilities, the Contractor shall take immediate corrective action to remove all of the debris.

2.07 *Security*

- A. Security will not be provided by Owner.
- B. Contractor shall be held responsible for loss or injury to persons or property where his work is involved, and shall provide such security and take such precautionary measures as deemed necessary to protect Contractor's and Owner's interests.

2.08 *Temporary Parking*

- A. Make arrangements for parking area for employee's vehicles to be approved by Owner.
- B. Costs involved in obtaining this parking area shall be borne by Contractor.
- C. There shall be no parking on construction site unless designated or approved by Owner.

2.09 *Temporary Fencing*

- A. Provide temporary fencing sufficient to prevent trespass by public into active construction areas as specified in Traffic Regulation Section.
- B. Materials shall be sufficiently durable to be effective for the duration of the work.

**ARTICLE 3 - EXECUTION**

3.01 *General*

- A. Provide and operate systems to ensure continuous service.
- B. Modify and extend systems as work progress requires.

3.02 *Removal*

- A. Completely remove temporary materials and equipment when their use is no longer required.
- B. Clean and repair damage caused by temporary installations or use of temporary facilities.
- B. Restore existing or permanent facilities used for temporary services to specified, or to original, condition.

**END OF SECTION- 01500**

## SECTION 01560-PROTECTION OF ENVIRONMENT

### ARTICLE 1 - GENERAL

#### 1.01 *Description*

- A. CONTRACTOR, in executing work, shall maintain work areas on- and off-site free from environmental pollution that would be in violation of any federal, state or local regulations.

#### 1.02 *Protection of Sewers*

- A. Take adequate measures to prevent impairment of operation of existing sewer system. Prevent construction material, pavement, concrete, earth, or other debris from entering sewer or sewer structure.
- B. Divert sewage flow interfering with construction to sewers leading to wastewater treatment plant. Prior to commencing excavation and construction, submit for review, detailed plans, including routing and connections, required to handle and dispose of sanitary wastes. By reviewing plan, OWNER neither accepts responsibility for adequacy thereof nor for damages to public or private property resulting therefrom, such responsibilities remain with CONTRACTOR.

#### 1.03 *Protection of Waterways*

- A. Observe rules and regulations of State of Illinois and agencies of U.S. government prohibiting pollution of any lake, stream, river or wetland by dumping of refuse, rubbish, dredge material or debris therein.
- B. Provide holding ponds or approved method which will handle, carry through, or divert around work flows, including storm flows and flows created by construction activity, so as to prevent excessive silting of waterways or flooding damage to property.
- C. Comply with procedures outlined in U.S. EPA manuals entitled, "Guidelines for Erosion and Sedimentation Control Planning and Implementation," Manual EPA-72-015 and "Processes, Procedures, and Methods to Control Pollution Resulting from All Construction Activity," Manual EPA 43019-73-007.

#### 1.04 *Disposal of Excess Excavated and Other Waste Materials*

- A. Dispose of excess excavated material not required or suitable for backfill and other waste material in a lawful manner.

#### 1.05 *Protection of Air Quality*

- A. Minimize air pollution by wetting down bare soils during windy periods, requiring use of properly operating combustion emission control devices on construction vehicles and equipment used by CONTRACTORS, and encouraging shutdown of motorized equipment not actually in use.
- B. Trash burning will not be permitted on construction site.



- C. If temporary heating devices are necessary for protection of work, such devices shall be of type that will not cause air pollution.

1.06 *Use of Chemicals*

- A. Chemicals used during project construction or furnished for project operation, whether herbicide, pesticide, disinfectant, polymer, reactant, or of other classification, must show approval of either U.S. EPA or U.S. Department of Agriculture or any other applicable regulatory agency.
- B. Use of such chemicals and disposal of residues shall be in conformance with manufacturer's instructions.

1.07 *Noise and Dust Control*

- A. Conduct operations to cause least annoyance to residents in vicinity of work, and comply with applicable local ordinances.
- B. Equip compressors, hoists, and other apparatus with such mechanical devices as may be necessary to minimize noise and dust. Equip compressors with silencers on intake lines.
- C. Equip gasoline or oil operated equipment with silencers or mufflers on intake and exhaust lines.
- D. Line storage bins and hoppers with material that will deaden sounds.
- E. Conduct operation of dumping rock and of carrying rock away in trucks so as to cause minimum of noise and dust.
- F. Provide unpaved streets, roads, detours, or haul roads used in the construction area with an application of water to minimize dust. The ENGINEER shall direct the CONTRACTOR as to when and where the water is required and to the rate of application. Keep paved areas clean and free of materials contributing to dust. Applicable environmental regulations for dust prevention will be strictly enforced.

All watering described herein shall be done with a spray application. An open-end hose will not be acceptable. The method of watering shall meet the approval of the ENGINEER.

**END OF SECTION – 01560**

## SECTION 02075- DEMOLITION AND REMOVALS

### Part I General

- 1.1 Description  
This work shall consist of removing the designated site features, vegetation or other debris from the site within the areas shown on the Drawings and/or as directed by the Landscape Architect.
- 1.2 Related Sections  
02200 Earthwork
- 1.3 Regulations and disposal  
The Contractor is responsible for off-site disposal in conformance with all applicable regulations unless otherwise provided for in the contract documents.

### Part II Execution

- 2.1 Removals
  - A. Remove those items so designated in the drawings including all hardware, footings, etc. and patch adjacent work as necessary to maintain a finished appearance for the entire site. Provide all necessary hardware, etc. to maintain adjacent materials in good working order. Dispose of materials either off-site or, if required in the documents, deliver to the Owner from the truck and place them neatly in the area designated by the Owner.
  - B. Contractor shall remove items as necessary to complete the work as intended, regardless of whether indicated in the drawings.
- 2.2 Protection  
Use all means necessary to protect existing objects not designated to be removed. In the event of damage make all repairs and replacements necessary to restore damaged objects to their original condition.
- 2.3 Site Inspection  
Prior to work in this section, carefully inspect the entire site and all objects designated to be removed and preserved. Locate all existing utilities and determine the requirements for their protection. Notify Landscape Architect of any discrepancy between site conditions and the Drawings.
- 2.4 Tree Stump Removal  
Tree Stumps shall be removed in accordance with the latest edition of the Standard Specification for Road and Bridge. Contractor shall restore the removal area w/topsoil and sod or plant per planting plan.

**END OF SECTION 02075**

## SECTION 02200- EARTHWORK

### Part I - General

#### 1.1 Description

- A. Work included: Earthwork for this project includes, but is not necessarily limited to:
1. Topsoil stripping, stockpiling.
  2. Excavating to attain indicated grades.
  3. Filling and backfilling to attain indicated grades.
  4. Trenching and trench backfilling.
  5. Shoring and bracing as necessary or directed to keep excavations in a workable condition and to maintain safety on the job.
  6. Pumping and bailing to keep excavations free of water during pipe laying and jointing.
  7. Maintaining uninterrupted surface water flow during work progress.
  8. Protecting all pipes, conduits, culverts, fences, buildings and other public and private property adjacent to or in area of work.
  9. Removing all shoring and bracing not ordered left in place or not required by the project plans or specifications to remain in place.
  10. Rough grading and shaping of the site.
  11. Rough grading for entire site, Fine grading up to meet Challenge Course fine grading by others.
- B. Except as otherwise directed by the Landscape Architect, perform all rough and finish grading required to attain the elevations shown on the drawings.

#### 1.2 Related Sections

02075 Demolition & Removals, 02630 Site Drainage, 2500 Site Concrete, Aggregate Base Course

#### 1.3 General Requirements

- A. Dust control
1. Use all means necessary to control dust on and near the work and on and near all off-site borrow areas if such dust is caused by the Contractor's operation during performance of work or if resulting from the condition in which the Contractor leaves the site.
  2. Thoroughly moisten all surfaces as required to prevent dust from being a nuisance to the public, neighbors, and concurrent performance of other work on the site.
- B. Protection
1. Use all means necessary to protect all materials of this Section before, during and after installation and to protect all objects designated to remain.
  2. In the event of damage, immediately make all repairs and replacements necessary to the approval of the Landscape Architect at no additional cost to the Owner.

#### 1.4 Submittals

Topsoil analysis and certification, import fill certification.

#### 1.5 Reference Standards

Materials in this section, where applicable, shall be in conformance with "Standard Specifications for Road and Bridge Construction" (SSRBC) of the Illinois Department of Transportation, latest edition.

**END OF SECTION 02200**

## SECTION 02231-TREE AND PLANT PROTECTION

### DIVISION 2 – SITE WORK

#### PART 1

##### 1.01 DESCRIPTION

This item shall consist of protecting specific, individual, existing trees, shrubs, and plant material not designated for removal which are to remain from construction damage. Such trees, shrubs, and plant materials shall be left in place and protected from damage or injury by the Contractor during construction using full and adequate methods of protection. The trees to remain or individual trees to be protected shall be identified on the drawings or in the field by the Owner.

##### 1.02 PROCEDURES

###### A. Individual trees to be protected:

1. These trees shall be identified with surveyor's flagging tape placed around the trunks at eye level.
2. A 4' high snow fence shall be provided, erected and maintained at the drip line of each tree so identified.
3. These protection fences shall be removed after final project acceptance or as required by the Owner
4. Water shall not be permitted to pond within the fenced areas at the base of the tree, except as currently occurs.
5. No tree shall be used as an anchorage.

###### B. Trees to remain:

Trees to remain identified either with surveyor's flagging tape or shown in the drawings shall have the following protection procedures apply:

1. Work within tree drip lines: where excavating, fill or grading or soil preparation is required within the branch spread (drip line of trees the work shall be performed with care to prevent abrasion or other damage from equipment to tree trunks, limbs, and root systems. Parking or storage of equipment or materials will not be allowed within tree drip lines. Movement of vehicles within tree drip lines shall be limited to that required in the performance of specific work.
2. Excavation within tree drip lines: Where excavation is required within tree root zones, the tree roots shall not be severed by the excavation equipment. Rather, the tree roots within a construction area greater than  $\frac{1}{4}$ " in diameter shall be cut clean with a pruning clipper, shear or saw. All crushed, torn, frayed or otherwise injured roots shall have these injured portions removed by clean cutting.

3. All digging within the drip line shall be done by hand, except for pavement and curb excavation. For pavement and curb excavation, the Contractor shall dig to within 18" laterally of the desired limit of excavation. The remaining lateral 18" shall be dug by hand.
4. No equipment or vehicles exceeding 1000 lbs. will be allowed within the drip line of any tree for the duration of this contract. Steel planking, or timber planking made of 4" thick material, each plank covering a min. of 8 square feet, shall be used to support backhoe and other equipment stabilizers when set within the drip-line of a tree or sodded planting strip.

## **2.0 CONSTRUCTION TECHNIQUES**

Prior to any site disturbance, it shall be the responsibility of the contractor to install tree protection measures in accordance with plans and specifications prepared by a qualified professional. It is the contractor's responsibility to safeguard the trees designated to be preserved. Throughout planning and construction, the contractor should monitor the effect of the proposed activities on the vegetation to be preserved and maintained.

### **A. Concerns**

The following must not occur within the tree protection areas:

1. Stockpiling of soils
2. Operating or storing construction equipment
3. Regrading causing runoff, flooding, or change of elevation
4. Parking vehicles and storing supplies
5. Spilling of toxic materials
6. Spraying of herbicides in close proximity to protected areas

## **1.0 REPAIR, REPLACEMENT AND PAYMENT FOR DAMAGE**

- A. Trees or other plant material not designated to be removed but that are destroyed or irreparable damaged by Contractor operations as determined by the Owner, shall be repaired or replaced by the Contractor in accordance with the Owner representative's recommendations.
  1. Replacements shall be of the same species and as nearly as possible of the same size as the trees to be replaced.
  2. The Contractor shall allow one (1) Working Day advance notice for inspection of nursery stock replacements by the Owner.
- B. Payment: In addition to the Contractor's restoration approved by the Owner, the Contractor will be assessed damages for the difference in the dollar value of the damaged tree, shrub, or other plant material, and the dollar value of the replacement.
  1. The dollar value will be determined by the Landscape Architect from the "Guide for Establishing Values of Trees and Other Plants," prepared by the Council of Tree and Landscape Appraisers, current edition. Damages assessed will be deducted from monies due or that may become due to the Contractor.

- C. Planting of replacement stock shall be done in accordance with the requirements of the Contract Documents during the first fall or spring planting period, whichever comes first.

#### **4.0 TREE PRUNING**

Pruning shall conform to ANSI A300, Tree, Shrub and Other Woody Plant Maintenance Standard practices (Pruning). Pruning prescriptions should be developed by a person familiar with tree species for the specific geographic area. Maintenance pruning shall consist of crown cleaning to remove all dead, damaged and weak branches. The removal of selected conflicting branches shall be included. Under no circumstances shall the interior of trees be stripped. Interior branches shall be selectively pruned to reduce conflict or where branches are damaged. Hazard reduction pruning shall consist of the removal of any dead branches and the correction of any other problems related to safety. Items not correctable by pruning shall be brought to the owner's attention in writing.

**END SECTION – 02231**

## **SECTION 02500-SITE CONCRETE**

### **1.0 General Description**

#### 1.01 Description of Work

- A. This work will consist of concrete work as noted on the plans. New Concrete walks must meet ADA slope and finish requirements: Cross slope less than 2%, slope less than 5%. ADA ramps into playground surfacing maximum slope 8%.
- B. This work shall consist of all work shown on the Construction Plans and Construction Documents.

#### 1.02 Standards

- A. All work required under this section shall conform to the current edition of the "ILLINOIS DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

#### 1.03 Weather and Environmental Conditions

- A. No concrete shall be poured when the air temperature is below 45 degrees.
- B. No concrete shall be poured when rain or similar weather has been forecast or is occurring near the project site.

#### 1.04 Submittals

- A. Submit shop drawings for all rebar reinforcement.

### **1.1 Concrete Protection**

- A. Concrete shall be maintained in a continually moist condition for a minimum of seven (7) days after pouring.
- B. The air and ground temperature around the concrete shall be maintained at 45 degrees or higher.
- C. All concrete surfaces must be protected from weather conditions, including rain, snow, frost or hail, etc.
- D. All concrete surfaces must be secured and protected from graffiti, vandalism or similar damage. The Contractor will be responsible for the protection of each concrete pour until the concrete has had sufficient time to harden. Any concrete that is vandalized or receives graffiti must be removed and replaced by the Contractor at no additional expense to the Owner.

### **1.2 Concrete Testing**

- A. The Contractor must provide test cylinders for any concrete work completed as part of this work. A total of one (1) test cylinder shall be filled from each truck load of concrete delivered to the site. Each cylinder shall be clearly marked with the date of delivery, location of pour, name of concrete supplier and load or delivery ticket number.

- B. Testing services will be arranged and paid for by the Owner. The Contractor will be responsible for the disposal of all un-tested cylinders.

**2.0 Products and Materials**

- A. Must be Mix #1 as shown below in concrete mixture matrix.
  - B. Must have a compressive strength of 4,000 pounds per square inch at 28 Days.
  - C. Must slump between two (2) to four (4) inches.
- A. Must be delivered to the job site and discharged from the truck within one (1) hour after mixing at the mixing plant.

**Concrete Mixture Matrix**

Design Mix #		Mix 1
<b>Strength</b>	PSI	4000
<b>Slump Range</b>	Inches	2 to 4
<b>Air Content</b>	%	5 to 8

Material	Unit	Specification & Description	Mix 1
<b>Cement</b>	LB	ASTM-C150, Type 1	575
<b>Fly Ash</b>	LB	ASTM C618	
<b>GGBF Slag</b>	LB	ASTM C989	
<b>Fine Aggregate</b>	LB	ASTM C33, Natural Sand	1263
<b>Course Aggregate</b>	LB	ASTM C33, #57 Aggregate	1800
<b>Course Aggregate</b>	LB	ASTM C33, #8P-Grvl Aggregate	
<b>Water</b>	LB	ASTM C94, Potable	244
<b>Water Reducing Agent</b>	OZ	ASTM C494, Type A/D Mid-Range	
<b>Air Entraining Agent</b>	OZ	ASTM C260	*
<b>Water Reducing Agent</b>	OZ	ASTM C494, Type A/D	20.1
<b>Calcium Chloride</b>	OZ	ASTM C494, Type C	
<b>*As Needed to Insure Proper A/E</b>			

**2.1 Equipment**

- A. All equipment used to perform this work must conform to the relevant section of the IDOT Specifications.

**3.0 Inspections**



- A. Prior to the pouring of concrete, all formwork, steel reinforcing and base course preparation shall be inspected and approved by the Owner's Representative or by the Landscape Architect.
- B. The Contractor must provide a minimum of 48 hours' notice to the Owner's Representative or the Landscape Architect to schedule inspections.

**3.1 Preparation**

- A. The Contractor must excavate and remove all topsoil or unsuitable soils to obtain a clean compacted clay subgrade elevation for concrete installation.
- B. Any soils encountered, which prohibit the construction of concrete on structural clay, shall be removed. Compacted aggregate base material must then be added to compensate for removal of unsuitable or organic soils.
- C. A four (4) inch minimum compacted thickness of aggregate base material, or as otherwise shown on the details, must be installed over the prepared and compacted subgrade.

**3.2 Installation**

- A. All formwork must be constructed to the horizontal and vertical lines and grades shown on the plans. Forms must be sufficiently staked and braced to eliminate any movement after concrete has been poured. Any deflection in formwork will result in the removal and replacement of the affected area or concrete, subject to the review by the Owner. Formwork must remain in place for a minimum of twenty-four (24) hours or until the concrete has had sufficient time to set up.
- B. Install reinforcing steel in locations and sized as shown on the plans and details. Unless otherwise noted, wire mesh shall be sized be as follows:

4" Reinforced Concrete: 6" x 6" – w2.9 x w2.9  
 6" Reinforced Concrete: 6" x 6" – Not Applicable

Concrete Curbs, Stairs  
 And Walls: Not applicable

- C. Expansion joints must be installed against existing concrete and stationary objects and where indicated on plan. Expansion joints must be made of a water-resistant asphalt fiber material and sized as follows:

Concrete Walks & Slabs: ½" Wide  
 Concrete Curbs: ¾" Wide

Expansion joints must be located as follows or where indicated on plan:

Concrete Walks: 30.0' On Center  
 Concrete Curbs: 25.0' On Center

The top of the expansion joint material must be installed a minimum of 1/4 below the finish grade of the concrete surface.

- D. Concrete Finishing

1. Walks must be finished by floating, steel troweling, tooled scoring, and edging, and medium broom finishing perpendicular to the path of pedestrian travel. Install 1" Deep by 3/16" Wide tooled scoring joints at five (5) feet on center or as indicated on plan. Other finishes, including California Finish shall be executed if shown on the plan and details.
2. Curbs, stairs and walls must be finished by vibrating, floating, steel troweling, tooled scoring, edging, chamfering, and medium broom finishing, unless otherwise indicated on the plans and details.

E. Clean-Up

1. All concrete must be clean and free of any debris, mortar, or dirt, etc. Acceptable methods of cleaning include power washing or sweeping.
2. All fence posts, bench legs, table, legs, litter receptacle legs or sign posts, etc, which come into contact with poured concrete must be clean and free of any concrete debris.

**END SECTION – 02500**

## SECTION 02630 - SITE DRAINAGE

### Part I - General

#### 1.1 Scope

Requirements of the Conditions of the Contract and of these Specifications apply to all work of this section. All work must comply with the Plans and Specifications and meet Village requirements.

#### 1.2 Extent of Work (In This Section)

The extent of drainage is indicated on the Drawings. The work includes requirements for installation of underground pipes, manholes, catch basins, and distribution system for the collection and release of storm water.

#### 1.3 Quality Assurance

- A. Provide at least one (1) person who shall be present at all times during execution of this portion of the work, whom shall be thoroughly familiar with the type of materials being installed and the best methods for their installation and who shall direct all work performed under this section.
- B. Comply with the applicable provisions of all pertinent codes and regulations. References made herein for manufactured materials and installation refers to "Standard Specifications for Municipal Public Works Construction" prepared by State Chapter American Public Works Association, and "Standard Specifications for Storm Sewers", as prepared by and for the sewer District and subsequently referred to as "Standards".
- C. Obtain encroachment permits from the appropriate Authority Having Jurisdiction (AHJ) for all work within the public right-of-way. All work shall comply with the Standard Specifications of the AHJ.

#### 1.3 Submittals

Submittals shall be as required by the Owner per Village regulations.

#### 1.5 Product Handling

- A. Use all means necessary to protect the materials of this Section, before, during and after installation and to protect the installed work and materials of all other trades.
- B. In the event of damage, immediately make all repairs and replacements necessary, to the approval of the AHJ Representative and the Engineer of Record (EOR), at no additional cost to the Owner.

#### 1.6 Shoring

- A. Design, provide, monitor, and maintain an anchored and braced excavation support and protection system capable of resisting soil and hydrostatic pressure and supporting sidewalls of excavations.
  - 1. Include removing excavation support and protection systems when no longer needed.
  - 2. Prevent surface water from entering excavations by grading, dikes, or other means.
  - 3. Install excavation support and protection systems without damaging existing buildings, pavements, and other improvements adjacent to excavation.

- B. Do all work in accordance with Section 02200, "Earthwork", and in compliance with the state labor codes, observing the more stringent requirements of the two.
- C. In advance of excavation or trenching, apply for and obtain all necessary and required permits in accordance with the state labor codes.

## **Part II - Products**

- 2.1 Storm Sewer Pipe, Catch Basins, manholes, Etc.  
All material shall be as indicated and specified on the Drawings.
- 2.2 Drainage Pipe and Fittings  
Use N-12 drainage pipe and fittings by Advanced Drainage Systems ("ADS"), Columbus, Ohio 43221, (614) 457-3051, or other material as selected by the Contractor and subject to the approval of the Engineer.
- 2.3 Other Materials  
All other materials, not specifically described but required for proper completion of the work of this Section, shall be as selected by the Contractor and subject to the approval of the Owner.

## **Part III - Execution**

- 3.1 General
  - A. Prior to all work of this Section become thoroughly familiar with the site, site conditions, and all portions of the work falling within this Section.
  - B. Do not allow or cause any of the work performed or installed to be covered up or enclosed by work of this Section prior to all inspections, tests, and approvals.
  - C. Should any of the work be so enclosed or covered up before it has been approved, uncover all such work at no additional cost to the Owner.
- 3.2 Trenching and Bedding  
Trench width, depth and bedding as required by AHJ.
- 3.3 Backfill  
Properly backfill and compact all utility trenches. Backfill material shall consist of native soils or soils recommended in the Soils Report, compacted in lifts not exceeding 8" in loose thickness.
  - A. Compaction shall be 95% of ASTM D-1557 maximum dry density at a minimum moisture content of 2% above the optimum.
  - B. Care shall be taken to insure that all rocks larger than two (2) inches shall be at least four (4) inches from the pipe.
  - C. Jetting or flooding will not be permitted.
- 3.4 Surface Drainage  
Maintain necessary drainage, dewatering, pumping and temporary ditching until completion of work.
- 3.5 Staking

- A. Contractor shall carefully preserve all data and monuments set by the surveyor and, if displaced or lost, shall immediately replace to the approval of the Landscape Architect at no additional cost to the Owner.
  - B. All flow lines shall be staked at intervals of twenty-five (25) feet maximum. Laser light in lieu of grade stakes is acceptable.
- a. **Utilities**  
Protect active utilities encountered; notify persons responsible for same.
- 3.7 **Field Location Drawing**
- A. Prior to installation, submit a utilities shop drawing to the Landscape Architect for review if lines are to be changed from drawings.
  - B. As-built drawings shall be submitted to the Landscape Architect for all utility lines at completion of project.
- 3.8 **Clean-Up**  
Upon completion of the work of this Section, remove all rubbish, trash, and debris resulting from operations. Remove surplus equipment and tools. Leave the site in a neat and orderly condition acceptable to the Architect and AJH.

**END SECTION – 02630**

## SECTION 02721 - AGGREGATE BASE COURSE

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Aggregate Base Course

#### 1.2 RELATED REQUIREMENTS

- A. Section 02500 – Site Concrete

#### 1.3 REFERENCE STANDARDS

- A. ASTM D 698 - Standard Test Methods for Laboratory Compaction Characteristics of soil using standard effort (12,400 ft-lbf/ft<sup>3</sup> (600 kN-m/m<sup>3</sup>));2007.
- B. ASTM D 1556 – Standard Test Method for Density and Unit Weight of Soil in Place by the Sand-Cone Method; 2007.
- C. SSRBC – Standard Specifications for Road and Bridge Construction, adopted by the Illinois Department of Transportation on January 1, 2002, including applicable current Supplemental Specifications and Special Provisions.

#### 1.4 SUBMITTALS

- A. Compaction Density Test Reports

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. When necessary, store materials on site in advance of need.
- B. When aggregate materials need to be stored on site, locate stockpiles where indicated.
  - 1. Separate differing materials with dividers or stockpile separately to prevent intermixing.
  - 2. Prevent Contamination
  - 3. Protect stockpiles from erosion and deterioration of materials.

#### 1.6 SEQUENCING AND SCHEDULING

- A. Construct aggregate base only after all of the following have been completed.
  - 1. Subgrade has been corrected for instability problems and successfully passed a rolling test, performed by the contractor and witnessed by the owner.
  - 2. Subgrade has been checked for conformance to line and grade tolerances (Stringline).

#### 1.7 GUARANTEE

- A. Guarantee all work within this section for one year following final acceptance and in accordance with General and Supplementary Conditions.

### PART 2 PRODUCTS

#### 2.1 MATERIALS

- A. Sub-Base Granular Material: SSRBC Section 311
- B. Aggregate for Base Course: SSRBC Section 351, Type B.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Verify that survey bench marks and intended elevations for the work are as indicated.
- B. Verify substrate has been inspected, gradients and elevations are correct, and is dry.

#### **3.2 PREPARATION**

- A. Correct irregularities in substrate gradient and elevation by scarifying, reshaping and re-compacting.
- B. Do not place aggregate on soft, muddy, or frozen surfaces.

#### **3.3 INSTALLATION**

- A. Place aggregate in maximum 8-inch layers and roller compact to specified density.
- B. Level and contour surfaces to elevations and gradients indicated.
- C. Add small quantities of fine aggregate to coarse aggregate as appropriate to assist compaction.
- D. Add water to assist compaction. If excess water is apparent, remove aggregate and aerate to reduce moisture content.
- E. Use Mechanical tamping equipment in areas inaccessible to compaction equipment.

#### **3.4 TOLERANCES**

- A. Flatness: Maximum variation of ¼ inch measured with 10-foot straight edge.
- B. Scheduled Compacted Thickness: within ¼ inch.
- C. Variation from Design Elevation: within ½ inch.

#### **3.5 FIELD QUALITY CONTROL**

- A. The contractor shall have an independent testing laboratory sample the aggregate base materials, determine the moisture/density relationships, and gradation and perform field moisture/density tests.
- B. Compaction density testing will be performed on compacted aggregate base course in accordance with ASTM D1556.
- C. Results will be evaluated in relation to compaction curve determined by testing uncompacted material in accordance with ASTM D698 ('Standard Proctor').

#### **3.6 CLEANING**

- A. Remove unused stockpiled materials, leave area in a clean and neat condition. Grade stockpile area to prevent standing surface water.

**END OF SECTION – 02721**

## SECTION 02860 - PLAY AREA EQUIPMENT

### 1.01 DESCRIPTION

Furnish all labor, materials and equipment required to install the play equipment and structures as indicated on the drawings or as approved and specified herein. The work shall include any incidentals required to provide a finished job.

### 1.02 RELATED SECTIONS:

- A. Construction Plans and Details:
  - Section 02500 – Concrete
  - Section 02862 – Playground Surfacing & Soil Separator
  
- B. Variances: The Contractor/manufacturer shall submit with their bid a list of all variances from these specifications.

### 1.03 SUBMITTALS:

The Contractor/Manufacturer's Representative shall submit for approval prior to delivery scaled drawings of each specified component including dimensioned plans, color charts, erection drawings, installation details, parts list, and technical data for correct assembly of all components, clamp details, and anchoring details.

### 1.04 GUARANTEE:

The Contractor shall provide information on the equipment manufacturer's guarantee. Contractor shall warranty installation workmanship of all play equipment for a period of one year starting on the date of Physical Completion of the Project.

### 1.05 SAFETY GUIDELINES AND STANDARDS:

All materials and equipment shall conform to the current issue of the "*Handbook for Public Playground Safety*" published by the Consumer Product Safety Commission (C.P.S.C.) and ASTM F1487-01. The manufacturer and installation contractor shall be responsible for correcting any product violations of the C.P.S.C. Guidelines and ASTM F1487-01, to the satisfaction of the Owner, should they be found after installation. ADA Accessibility Guidelines (ADAAG) Section 15.6 Play Areas.

### 1.06 QUALITY ASSURANCE:

The Contractor installing the play equipment and structures must be experienced in the installation of play equipment with the personnel, facilities, and equipment adequate for the work specified, and shall, within 48 hours of the Owner request, produce written proof of such.

### 2.01 GENERAL:

- A. Site Specificity of Design – Equipment selection is based on specific program requirements, physical constraints within the site, and public input. Requests for Product Substitution may be subject to certain subjective criteria including (in no particular order):
  1. Play Value
  2. Footprint
  3. Color Availability
  4. Geometry
  5. Apparent Mass and/or Visual Density
  6. Adherence to ADA requirements (ADAAG)
  7. Variance – The Contractor/manufacturer shall submit with their bid a list of all variances from these specifications.



**2.02 PLAY STRUCTURES:**

- A. Equipment was purchased by the Park District and will ship to the awarded Contractor.
  
- B. Manufacturer: Burke as represented by Play Illinois  
Brogan Maloney  
Project Manager  
310 N Grant St, Westmont, IL 60559  
mobile: 630.841.8882  
email: [bmaloney@playil.com](mailto:bmaloney@playil.com)  
[www.playil.com](http://www.playil.com)
  
- C. Contractor is responsible for taking delivery of and transporting equipment to the project site for installation and will coordinate with the play equipment vendor on any missing parts on behalf of the Owner.

**3 – EXECUTION**

**3.01** Examination of work area – Examine the areas and conditions under which work of this Section will be performed. Verify safety zones of all equipment before setting posts in concrete footings. Do not proceed until conditions detrimental to proper and timely completion of the work has been satisfactorily corrected and thus meet the manufacturer’s instructions and the requirements of paragraph 1.05 above. Beginning work constitutes acceptance of conditions as satisfactory.

**3.02 INSTALLATION OF COMPOUND STRUCTURES & INDEPENDENT ACTIVITIES:**

- A. Conform strictly to manufacturer’s instructions using all appropriate materials, tools and accessories as required. Use only experienced personnel trained in play equipment construction. Layout all equipment prior to construction to insure compliance with safety zone clearances.
  
- B. Provide all concrete footings as required to properly place the equipment components. It is the Contractor’s responsibility to adjust drainage pipe or other new utility locations to accommodate the equipment footings.

**3.03 PROTECTION:**

During construction of the play equipment structures, provide PVC web fence material in sufficient quantities and wrap the structures to prevent public access onto the equipment. Maintain the fencing wrap after completion of the play equipment and safety surfacing installation through Physical Completion of the project.

**3.04 INSPECTION:**

Following the Owner’s inspection of the completed play equipment installation, perform repairs as necessary to meet or exceed the Landscape Architect’s requirements for fit and finish and the specifications and guidelines as referenced in 1.05 Safety Guidelines and Standards, above. The contractor shall notify the local playground equipment representative and schedule a “Certified Playground Safety Inspector” to inspect the work. Submit inspection report to the Owner in writing for the file.

**3.05 GUARANTEES:**

The Contractor shall guarantee that all work performed under these sections shall be free from any defects in materials and workmanship. Upon notice in writing from the Landscape Architect to the Contractor within two (2) years of Physical Completion of the project, the Contractor shall, at no cost to the Owner, make all necessary repairs or replacements of the defective work in question. During this period of guarantee, the Owner shall perform normal maintenance and cleaning of the play area equipment.

**END OF SECTION – 02860**

## SECTION 02862 - PLAYGROUND SURFACING AND SOIL SEPARATOR

### 1.00 GENERAL

#### 1.01 DESCRIPTION

This work shall consist of excavation and the supply and installation of wood fiber safety surface which shall consist of two layers of a nonwoven drainage fabric, washed aggregate, and processed shredded hardwood as shown on the plans.

#### 1.02 SUBMITTALS

Submit for approval, samples of wood fiber safety surface and drainage fabric. The Contractor shall submit to the owner product information, product data, and samples of all materials for approval prior to use.

### 2.00 PRODUCTS

#### 2.01 MATERIALS

Stone base: Upon the prepared subgrade install four (4) inches of ½" – ¾" diameter rounded, washed CA-7 gravel.

Geotextile Fabric: Upon the stone layer and as shown on the drawing, install a 100% polyester non-woven engineering geotextile fabric. Overlap all seams a minimum of twelve (12) inches.

- Wood play surfacing: Upon the geotextile fabric install twelve (12) inches of compacted Engineered Wood Fiber surfacing that meets Special Requirements in 3.00 Quality Assurance, A. Special Requirements below. The surfacing shall be twelve (12) inches deep with surface level set per plans. Acceptable suppliers include, but are not limited to:
  - GT IMPAX as manufactured by: Game Time, P.O. Box 680121, Fort Payne, Alabama, 35968, phone (800) 235-2440 as represented by: Cunningham Recreation, 2135 City Gate Lane, Ste. 300, Naperville, IL 60563, phone 800-438-2780.
  - Fibar Engineered Wood Fiber as manufactured by: Fibar Systems, 80 Business Park Drive, Suite 300, Armonk, NY 20224, phone 800-342-2721 as represented by: Parkreation, Inc., 27 E. Palatine Road, Prospect Heights, IL 60070, phone 847-419-7744.

### 3.00 QUALITY ASSURANCE

#### A. Special Requirements

1. The wood fiber safety surface shall meet or exceed the current Consumer Products Safety Commission 200-g guideline and ASTM F1292-01. the Contractor shall submit two copies (2) of the manufacturer's independent test results showing conformance. Reports shall be for the exact thickness that is to be installed.
2. Warranties: Provide the manufacturer's five-year materials warranty for all safety surfacing systems materials.
3. Disabled Accessibility (ADA): Provide testing data showing products meet the requirements of the most current Americans with Disabilities Act.

### 4.00 SUBMITTALS

- A. Not less than 6 days prior to the intended use of the materials, the Contractor shall submit the full documentation of the specific product literature, illustrating it's compliance with this section
- B. Submit the list of 5 recent installations of the wood fiber safety surfacing.

- C. The contractor shall submit to the Landscape Architect, for approval, material samples that are to be used and the proposed methods of application and procedures that are to be followed.
  
- D. Submit the test results for impact attenuation on accordance with ASTM F1292-01.

## **5.00 EXECUTION**

### **5.01 INSPECTION**

Examine the areas and conditions under which the work of this section will be completed. Do not proceed until conditions detrimental to the proper timely completion of the work have been satisfactorily corrected.

### **5.02 INSTALLATION**

- A. Contractor shall grade and compact subgrade to the grades as shown on the plans. All loose dirt and rutting shall be repaired and subbase approved prior to installation of resilient surface.
- B. Contractor shall install bottom layer of fabric with 18" minimum overlap, as shown
- C. After approval of drainage fabric and wood fiber samples, Contractor shall install resilient wood fiber to the compacted depth specified on the Drawings, allowing for settling and compaction of approximately 25%, and rake level. After allowing four weeks for settlement, Contractor shall "top off" wood fiber to achieve a final depth of 12" compacted. Mechanical compaction will not suffice.
- D. Install surfacing carefully to avoid contamination of wood fiber material with dirt, gravel or other materials.

### **5.03 CLEAN UP**

Sweep and/or rake wood materials away from all paved surfaces and remove it from all surrounding turf or planted areas.

**END OF SECTION -02862**

## SECTION 02865 – SITE FURNISHINGS & AMENITIES

### 1.00 GENERAL

#### 1.01 DESCRIPTION

This work shall consist of the furnishing and installation of site furnishings and amenities as depicted on the plans and in the specifications below. All other elements required to provide the final product as depicted in the plans shall be furnished and installed by the contractor unless otherwise noted.

#### 1.02 SUBMITTALS

Submit for approval all product cut sheets. The Contractor shall submit to the owner product information, product data, and samples of all materials for approval prior to ordering and installing.

### 2.00 PRODUCTS

#### 2.01 MATERIALS

- A. Recycle Design Bench: Model CIT.SE.060.SM.ARMS - Bench by RECYCLE DESIGN - City Series 60" Seat with Arms  
Contact info: Toll Free - 866.744.9899; Email: [Sales@RecycleDesign.com](mailto:Sales@RecycleDesign.com); website: <http://www.recycledesign.com/>
- B. Recycle Design Waste Receptacle: Model VIC.WR.032.DOM.SM – Waste Receptacle by RECYCLE DESIGN - Victoria Series 32G Waste Receptacle  
Contact info: Toll Free - 866.744.9899; Email: [Sales@RecycleDesign.com](mailto:Sales@RecycleDesign.com); website: <http://www.recycledesign.com/>
- C. Recycle Design Picnic Tables: Model CIT.PZ.041.SM.ADA – CITY SERIES ADA PLAZA TABLE & Model CIT.PZ.041.SM.ADA – CITY SERIES - SURFACE MOUNT  
Contact info: Toll Free - 866.744.9899; Email: [Sales@RecycleDesign.com](mailto:Sales@RecycleDesign.com); website: <http://www.recycledesign.com/>
- D. Recycle Design Picnic Tables: Model CIT.PZ.041.SM– CITY SERIES PLAZA TABLE & Model CIT.PZ.041.SM. – CITY SERIES - SURFACE MOUNT  
Contact info: Toll Free - 866.744.9899; Email: [Sales@RecycleDesign.com](mailto:Sales@RecycleDesign.com); website: <http://www.recycledesign.com/>

### 3.00 EXECUTION

#### 3.01 INSPECTION

Examine the areas and conditions under which the work of this section will be completed. Do not proceed until conditions detrimental to the proper timely completion of the work have been satisfactorily corrected.

#### 3.02 INSTALLATION

- E. Contractor shall install all site furnishings and amenities per manufacturer's specifications as located on the plans or in the field.

#### 4.03 CLEAN UP

All work areas shall be cleaned up and left suitable for public use upon completion of the installation of site furnishings and amenities.

**END OF SECTION -02865**

## SECTION 02875 - ICON SITE AND STREET SHELTERS

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

Prefabricated steel shelters, gazebo and pavilions. NOTE: The Shelter will be purchased by the Plainfield Park District and will ship to the awarded contractor or the project site as appropriate based on construction progress at the time the shelter is ready to ship.

#### 1.2 RELATED SECTIONS

Section 03300 - Cast-In-Place Concrete: Footings and installation of anchor bolts/base plates that are to be provided by shelter manufacturer.

#### 1.3 REFERENCES

ASTM A 36/A 36M - Standard Specification for Carbon Structural Steel; 2003a.

ASTM A 325 - Standard Specification for Structural Steel Bolts, Heat Treated, 120,000 PSI Minimum Tensile Strength; 2004.

ASTM A 307 - Standard Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength; 2003a.

ASTM A 563 - Standard Specification for Carbon and Alloy Steel Nuts; 2004.

ASTM A 500 - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes; 2003a.

ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvanized) by the Hot-Dip Process; 2003.

ASTM A 792/A 792M - Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy Coated by the Hot-Dip Process; 2003.

American Institute of Steel Construction (AISC).

American Iron and Steel Institute (AISI) Specifications for Cold Formed Members. American Society of Testing Material (ASTM).

American Welding Society (AWS).

OSHA Steel Erection Standard 29 CFR 1926.750 Part R.

SSPC-SP 2 –Hand Tool Cleaning; Society for Protective Coatings; 2000.

SSPC-SP 10 -Near-White Blast Cleaning; Society for Protective Coatings; 2000. ICC Evaluation Service, ESR-1006, Structural Insulated Panels.

#### **1.4 SYSTEM DESCRIPTION**

Standard Design Loads: International Building Code (IBC 2000), 30 pounds per square foot Roof Snow load, 100 mile per hour wind speed, Exposure “C”, Seismic Design Category D.

Column to footing connection to be in compliance with OSHA Steel Erection Standard CFR 1926.750 Part R, which requires a minimum of four (4) anchor bolts per column.

Design Method shall be per applicable local building code requirements. Manufacturer’s design shall utilize a three-dimensional structural analysis to determine all member loads and forces. Design and detailing shall be in compliance with AISC 341, Part I or III.

The pre-engineered package shall be shipped as a pre-cut (except for standing seam roof panels) and pre-fabricated package that shall include the structural framing members, roof panels, fasteners, and trim as well as the installation instructions. The structure shall be shipped un-assembled for minimum shipping charges.

Field labor shall be only for the assembly of the pre-fabricated parts. No onsite welding shall be required or permitted. Tube frame connection bolts and fasteners shall be concealed, within the tubing or hidden, except at the baseplate. All rafter tails shall be factory welded into place as well as all compression ring/tube covers. On multi-tiered buildings the rafter risers shall be welded to the lower rafters for ease of installation. No openings near the base of the column with screwed on cover plates. No through bolting shall be allowed for any connections due to the possibility of the deformation of the tube steel parts.

## **1.5 SUBMITTALS**

Submit a minimum of 4 sets of shop drawings and 2 sets of structural calculations signed and sealed by a Professional Engineer in the state of Illinois.

Manufacturer shall provide site specific foundation design signed and sealed by a Professional Engineer in the state of Illinois. Generic or "typical" foundation details and design shall not be acceptable.

Structural calculations shall show the conformance to the local building code information:

1. International Building Code (IBC 2000)
  - a. 30 PSF Roof Snow Load,
  - b. 100 mph Wind Speed, Exposure "C"
  - c. Seismic Design Category D

## **1.6 QUALITY ASSURANCE**

Supplier Qualifications:

1. The product shall be designed and fabricated at a facility operated and directly supervised by the supplier.
2. The supplier shall have at least 5 years of experience in the design and fabrication of pre-engineered steel shelters.
3. Membership in American Institute of Steel Construction.
4. Membership in American Welding Society.
5. Full time on-staff licensed Professional Engineer.
6. Full time on-staff quality control manager.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

Coordinate delivery requirements with Owner and other installers.

Store products in manner to prevent damage prior to installation. Where products need to be stored outdoors, store off the ground and place so that water will drain

Inspect parts within 48 hours of delivery, compare with manufacturer's bill of materials and report any missing or non-conforming parts to the manufacturer within this time frame.

## **1.8 WARRANTY**

Provide manufacturer's standard ten-year warranty.

## **PART 2 PRODUCTS**

### **2.1 ACCEPTABLE MANUFACTURER**

ICON Shelter Systems, Inc., 1455 Lincoln Ave. Holland, MI 49423. Telephone 800-748-0985, fax 616-748-0995 or email [info@iconshelters.com](mailto:info@iconshelters.com).

Contact the regional representative for pricing:

Parkcreation Inc. 800-677-6608 Paul Gozder – Email: [paul@parkcreation.com](mailto:paul@parkcreation.com)

Substitutions must be approved a minimum of ten (10) days prior to the bid date. Any approval of alternate manufacturers shall be through an addendum prior to the bid date and shall not be allowed without written notification.

Alternate suppliers shall meet the requirements shown in Section 1.6. Alternate suppliers must provide proof of: equivalency of the shot blast, e-coat and powder-coat process and finish. Structural design shall include all loads to the foundation and shall not exceed the loads specified in the chart on the installation drawings. Designs using wood, light gauge metal framing or sheet metal other than roof/wall panels and related trim and flashing shall not be approved.

### **2.2 APPLICATIONS**

Shelters: Pre-engineered, prefabricated all-steel framed shelters; column, rafter, and purlin structure, with steel roof panels or T&G roof deck or Sandwich Panel roof deck, all flashing, trim, accessories, and fasteners required for a complete installation.

Structural framing (Columns, rafters, tie-beams, purlins, etc.) shall be Hollow Structural Sections (HSS) meeting ASTM A500 grade B. "I" beams, tapered columns, open "C" channels, cold-formed box sections or wood products shall not be accepted.

Compression rings shall be made of structural channel sections or welded plate sections that meet ASTM A36 grade steel.

Structural connections shall be made with A325 high-strength bolts and A563 structural nuts, ASTM A307 grade anchor bolts, self-drilling screws and pop-rivets.



Metal Roof Panel: 24-gauge galvalume roof panel with a Kynar 500 paint finish. The ribs shall be 1- 3/16" high and 12" on center. Roof panel coverage shall be 36" wide; all angles shall be factory cut. The ribs shall run with the slope of the building for proper drainage. Color shall be selected from the manufacturer's standard color chart.

Metal Roof Trim: Roof trim shall match the color of the roof and shall be formed from 26-gauge painted galvalume steel as follows:

1. Metal ridge caps shall be pre-formed with a single central bend to match the roof slope. The trim shall be hemmed on both sides.
2. Roof peak cap shall be supplied on all buildings that do not include a framed cupola.
3. Edge of the roof deck shall have a preformed "J" channel eave trim, the channel shall be applied along all the eaves to trim and straighten the eave. The "J" shall have weep holes at 6" on center for roof drainage.
4. Highside trim shall be in a "J" shape and shall supplied for all tiered buildings.

### **2.3 ACCESSORIES**

Ornamentation – N/A Electrical Access – N/A

If electrical is needed or specified, the access would be as follows;

1. Access holes to be placed in the connections plates to allow electrical wiring from the column base up to the peak.
2. Electrical cutouts in columns to allow for a GFI outlet to be placed inside the column. Quantity of columns to be specified on the drawings.

### **2.4 FABRICATION**

All columns, rafters, tie-beams, purlins, compression rings shall be factory welded assemblies with provisions for bolted connections in the field. There will be no field welding required for any connections. All base plates, stiffener plates, rafter clips and end plates shall be factory welded in place.

Factory welded connections shall be made by certified welders in accordance with the latest edition of AWS D1.1 and D1.3 Specifications.

Factory Frame Finish: Powder coated per the following procedure; the steel shall be shot-blasted to the specification of SSPC-SP10 (shot-blasted to near white condition), this will remove all oil residue, mil scale, weld spatter and slag. The second step the steel is washed and zinc phosphate in an eight-stage electro deposition (E-coat) pretreatment process. Then it is immersed in a liquid epoxy and coated to uniform 0.7-0.9 mils, this E-coat totally encapsulates the part preventing rusting, no welding shall be allowed after the E-coating has been applied. Then a double coat of TGIC polyester powder is applied, one coat of color and one clear coating for a final finish that is 8-12 mils thick. All materials shall be inspected to meet 100% coating, proper cure, film thickness and impact resistance. Color to be selected from the manufacturer's standard color chart.

Factory Frame Primer: The steel shall be cleaned to the specification of SSPC-SP2 (Hand tool cleaning) or better, this will remove all loose mil scale, loose rust, loose paint, and other loose detrimental foreign matter. The cleaned steel will then be prime painted with quick dry, lead and chromate free alkyd primer.

### **PART 3 EXECUTION**

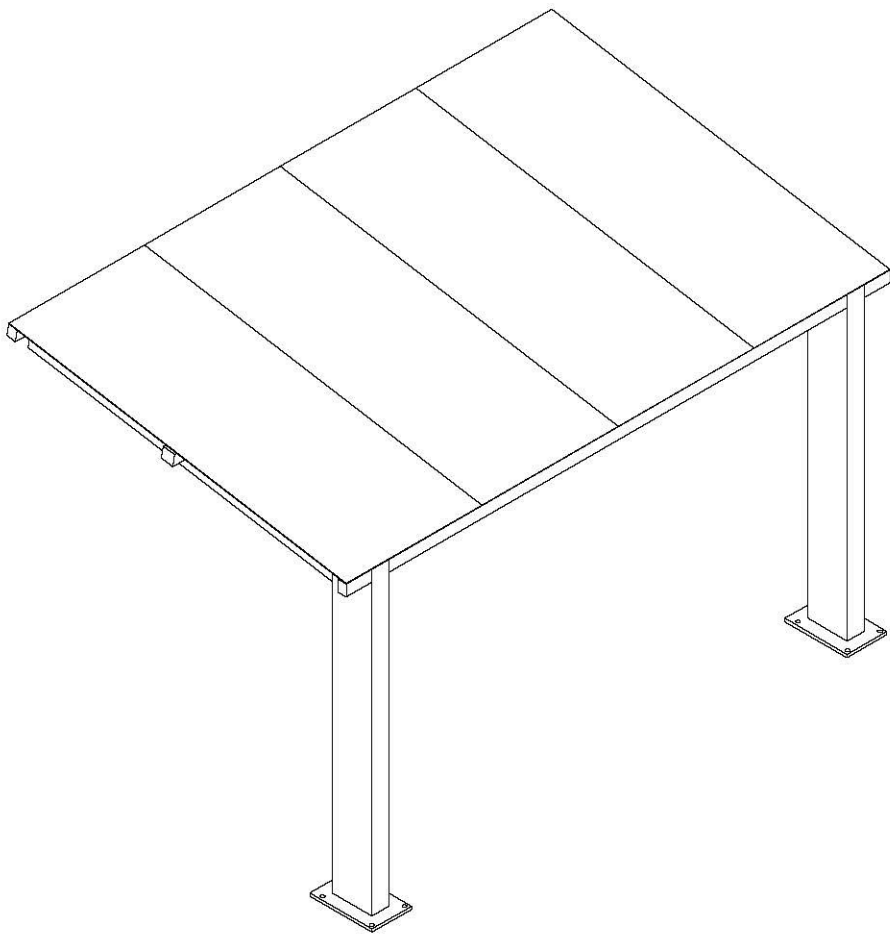
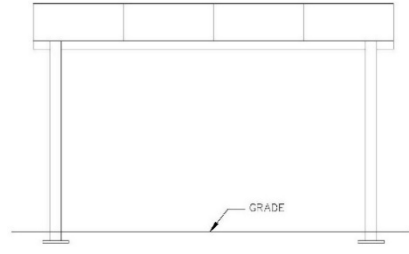
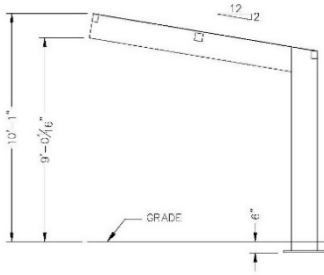
When unloading, pad the forks and use other precautions to protect the powder-coated finish. Do not use chains to move materials. Handle all materials carefully in the field to avoid scratching the powder-coat finish. Before installing the roof, clean the steel and touch up any scratches and chips in the powder-coat finish using touch up paint from the manufacturer.

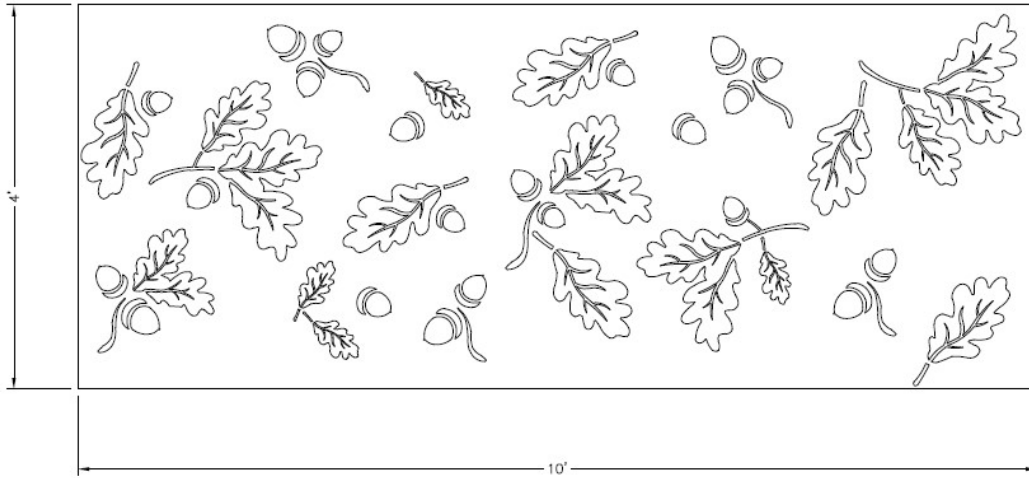
The shelter shall be set on prepared footings or concrete slab (provided by others). Footing details shall be designed by an engineer (retained by other than the manufacturer), based on load information as provided on the manufacturer's supplied drawings. Foundation shall be constructed to all local building code requirements and per good construction practices for the specific site conditions.

In accordance with OSHA Steel Erection Standard 29 CFR 1926.750 Part R, anchor bolts shall be installed for proper column stability and shall have a minimum of four (4) anchor bolts per column.

Install all parts and pieces per the manufacturer's supplied installation instructions and these specifications. The underside of the tongue and groove decking or sandwich panel roof deck shall be sealed before installation as specified and approved by the landscape architect or owner.

# SHELTER CUT SHEETS





10GA LASER CUT STEEL PANEL  
OAK LEAF DESIGN

NOTE: Final shop drawings will be provided from ICON when completed and approved- Patterns may be different and will be shipped as ordered.

**END OF SECTION -02875**

**SECTION 02930 - SOD AND SEED TURF ESTABLISHMENT**

**Part I - Scope**

- 1.1 The work includes furnishing and placing black earth (topsoil), fertilizer, seed and/or sod as stated in the project specifications, and performing all operations in connection with seeding and sodding, all complete and subject to the terms and conditions of the contract.

**Part II - Materials**

- 2.1 Black Earth (topsoil) if required by project specification, shall be fertile, friable, natural surface soil to be capable of producing satisfactory agricultural crops. See section 02200 Earthwork.
- 2.2 Commercial Fertilizer shall be delivered to the site in unopened, original containers, each bearing name and address of the manufacturer, name brand or trademark and manufacturer's guaranteed analysis. Any fertilizer which becomes caked or otherwise damaged, making it unsuitable for use, will not be accepted. The fertilizer formula shall contain a minimum basis percentage by weight of the following:

Nitrogen	33%	insoluble in water 24%
Phosphoric Acid	4%	
Potash	8%	

- 2.3 The balance of the fertilizer shall be made up of materials usually present in such a product, and shall contain IBDU (Isobutylidene Diurea).
- 2.4 Fertilizer shall be of the inorganic type in composition, dry and free flowing, equal to "PAREX" IBDU. Not more than 2% shall be retained on a 14-mesh sieve and not more than 25% shall pass through a 65-mesh sieve. It shall be free from dust, sticks, sand, stone and other debris.
- 2.5 Grass Seed shall be recleaned seed of seed crop from the year stipulated in the project specification. All seed shall meet the requirements established by the State and Federal Seed and Weed Control Laws, covering law on "AGRICULTURAL SEED." Seeds shall meet the following requirements in respect to purity and germination, for areas as noted on the plans:

<u>TURF GRASS AREA:</u>		
<u>VARIETY</u>	<u>PERCENT OF MINIMUM PURITY</u>	<u>PERCENT OF MINIMUM GERMINATION</u>
Kentucky Blue Grass	85	75
Red Top	92	85
Red Fescue	98	90
Domestic Rye	98	87

- 2.6 The percentage of hard seed included as a part of the germination percentage of any lot of seed, shall not exceed twenty. Kentucky Blue Grass seed shall weigh a minimum of 21 pounds to the measured bushel and for all seeding shall be of the crop year indicated in the project specifications.
  - A. Packing and Marking: All seeds shall be delivered in sacks unmixed. Seeds shall be packed for delivery in suitable bags in accordance with standard commercial practice. Each bag shall be tagged or labeled as required by the law of the STATE OF ILLINOIS. The vendor's name shall show on or be attached to each bag, together with a statement signed by the vendor, showing: (a) the kind of seed contained; (b) the percentage of purity and germination; (c) the percentage of hard seed, if any; (d) a statement conforming to the laws of the STATE OF ILLINOIS herein before mentioned, showing percentage of weed seeds if any.

Mixing of Seed: The seed shall be mixed thoroughly in the following proportions:

TURF GRASS AREA:

Kentucky Blue Grass	70%
Red Top	5%
Creeping Red Fescue	15%
Domestic Rye	10%

- B. Blue Grass Sod shall be NURSERY grown of the type and variety specified, containing no bent grass, quack grass or other noxious weed growth. It shall be free from fungus and other diseases and be a minimum of two years growth. It shall be of firm, tough texture, having a compact growth of grass and good root development. The sod root zone shall be of good, fertile, natural field soil and free from stones and debris and the sod shall contain sufficient moisture to maintain its vitality during transportation.
1. Mowing: Before being cut and lifted, the sod shall have been mowed at least twice with a lawn mower, with the final mowing not more than seven days before the sod is cut. Sod cut for more than 48 hours shall not be used without the approval of the landscape architect.
  2. Cutting: The sod shall be carefully cut into uniform strips or rolls of one inch thick. Strips less than 12-inches in width will not be accepted. Each strip shall be rolled as compactly as is possible without breaking the turf.
  3. Inspection: The sod will be inspected at the source, by the landscape architect or his authorized representative, hereinafter called the landscape architect, before cutting; and areas that fail to meet with his approval shall not be cut for the purpose of supplying material under the contract. The landscape architect shall be permitted to take such samples as he may select. All sod shall be fresh and green when placed. Any sod that is dried out, burned, inferior in quality to said samples, or in any way failing to meet the requirements of these specifications will be rejected and the contractor shall immediately remove such rejected material from the premises of the owner and supply suitable material in its place.

### Part III - Site Preparation

- 3.1 Spreading and Rough Grading of Black Earth (if required): The contractor shall spread and rough grade the areas to an elevation approximately 0.2-feet plus or minus below the finish grade as directed by the landscape architect. All equipment used for spreading and rough grading work shall be as approved by the landscape architect.
- A. Filling: All areas to be seeded or sodded shall be thoroughly prepared to the required depth of approximately three inches, by disking, harrowing or by other approved means. Limited areas shown on the drawings, which are too small to make these operations practicable shall receive special scarification prior to final tilling. Tilling shall continue until the condition of the soil is acceptable to the landscape architect as suitable for the specified type of seeding or sodding. When conditions are such, by reason of drought, excessive moisture or other factors, that satisfactory results are not likely to be obtained, the work will be stopped by the landscape architect and shall be resumed only when directed. Undulations or irregularities in the surface, that would interfere with further contractor's operations or maintenance, shall be leveled before the next specified operation.
  - B. Cleanup: After completion of tilling operations, the surface shall be cleared of all stones, stumps or other objects larger than 1-inch in thickness of diameter and of roots, brush, wire, grade stakes and other objects that may be a hindrance to maintenance operations. Adjacent paved areas shall be kept clean and soil or other dirt that may be brought upon the surface shall be removed promptly.
  - C. Fine Grading: Final grades on the areas to be seeded or sodded are shown on the drawings by contour lines. The surfaces shall be left at the indicated grades in an even and properly compacted condition which insofar as practicable, will not provide dips and pockets where

water may stand. Upon completion of tilling operations and immediately prior to sowing seed or placing sod, the area shall be finish graded as needed to correct surface irregularities produced by the preceding operations or by other cause and to restore design grades.

#### **Part IV - Spreading Fertilizer**

Fertilizer shall be distributed uniformly at a rate of 300 pounds per acre, over the areas indicated to be seeded or sodded, and shall be incorporated into the soil to a depth of at least 2-inches by disking, harrowing or other acceptable methods. The incorporation of fertilizer may be a part of the tillage operation specified above.

#### **Part V - Seeding**

- 5.1 Time Limits: All sowing of seed shall be done during the months as stated in the CONTRACT under COMPLETION TIME. Sowing delayed beyond the specified dates, by circumstances beyond the contractor's control may be continued upon written approval of the landscape architect.
- 5.2 Seeding: No seeds shall be sown during high winds. Method of sowing and equipment shall be approved by the landscape architect. Seed shall be applied at the rate of 3 pounds per 1,000 square feet or as recommended by Seed provider. Seed shall be broadcast either by hand or sowing equipment. Half the seed shall be sown with the sower moving in one direction and the remainder shall be sown with the sower moving at right angles to the first sowing. The seeded area shall be lightly raked, being careful not to rake seed from one area to another thus causing an uneven seeding. The seed shall be covered to a depth from 1/8-inch to 1/4-inch. Seeding shall be done by laborers experienced in this type of work. No seeding shall be done on an area compacted by rain until the soil is brought back to a friable condition.
- 5.3 Straw mulching and Hydro-mulching shall be done immediately after seeding: Straw mulch shall consist of straw free from weed seeds and foreign materials spread uniformly over the seeded areas at a rate of one bale per 1,000 square feet. Hydro-mulch may be used throughout, and must be used on areas with slopes of 4:1 or greater. Hydro-mulch must be composed of wood cellulose fiber and must not contain any chemicals that prohibit grass seed growth. Hydro-mulch must also include a tacifier and may be pigmented green to permit the verification of application. When applied, the hydro-mulch must form a cover that reduces erosion, absorbs water and permits percolation of water into the soil. No non-biodegradable materials may be used for this purpose. After the grass has germinated and is 1/2-inch high, the majority of the straw mulch shall be removed using a flexible wire broom.
- 5.4 Temporary Cutting and Maintenance of Grass: All seeded areas shall be watered daily with a fine spray until germination. The seed bed shall be kept moist but not wet during the period of seed germination. Care must be taken that the seed bed does not dry out in spots. During germination, the water shall penetrate to a depth of 1-inch into the seed bed. After germination, as the grass roots go deeper into the soil, the quantity of water shall be increased so that the depth of penetration is a minimum of 3-inches. Maintenance, including watering and cutting of grass, shall continue until all seeding work under this contract has been completed and accepted by the owner. The contractor shall cut grass starting when the grass becomes 3-inches high, and once a week thereafter. Included in the cutting of grass shall be the cutting and trimming required around trees, baseball backstops, drainage structures, curbs and all areas that grass abuts, as required or directed by the landscape architect. The contractor shall maintain a height of not less than 2-inches. The contractor shall be responsible for at least three cuttings prior to final inspection.
- 5.5 The lawn areas to be acceptable shall be in a green and healthy condition, void of bare spots. Water will be supplied by the owner for watering purposes where available. If water is not available from

the owner, the contractor shall supply water from his own source. The contractor shall furnish the hose and proper equipment for watering purposes.

- A. Protection: The contractor is responsible for the proper care of the seeded areas during the period when the vegetation is being established. The area shall be protected against traffic or other use, by placing "NEWLY SEEDED" or other appropriate approved warning placards until all work under the contract is completed and accepted.
- B. Repair: If at any time before completion and acceptance of the entire work covered by this contract, any portion of the surface becomes gullied or otherwise damaged following seeding, or has been winter-killed or otherwise destroyed, the affected portion shall be repaired to re-establish the condition and grade of the soil prior to seeding and shall then be reseeded as specified herein before by the contractor, at no additional cost to the owner.

## **Part VI - Sodding**

- 6.1 The surface on which sod is to be laid shall be firm and free from footprints or other depressions. Sod shall be laid in such a manner that joints between courses do not coincide. Sod shall be tightly fitted and tamped lightly to ensure contact with the surface of the soil at all points.
- 6.2 All laid sod shall be protected from usage by workmen or equipment, so as not to disturb joints or cause depressions through footprints or vehicle ruts. Any disturbed areas shall be redone to conform to grade. Sod shall be thoroughly watered after laying.
- 6.3 On slopes steeper than 3 to 1 and elsewhere where so directed. The Sod shall be fastened in place with suitable wooden pins or by other approved methods. The sod shall be given one watering as soon as excessive drying is evident. Sufficient water shall be applied to wet the sod bed at least 2-inches deep. Watering shall be done in a manner that will avoid erosion due to the application of excessive quantities and the water equipment shall be of a type that will prevent damage to the finished surface.
  - A. Temporary Cutting and Maintaining of Grass: Maintenance including watering and cutting of grass shall continue until all sodding work under this contract has been completed and accepted by the owner. The contractor shall cut grass starting when the grass becomes 3-inches high and once a week thereafter.
  - B. Included in the cutting of grass shall be the cutting and trimming required around trees, baseball backstops, drainage structures curbs, and all areas that grass abuts, as required or directed by the Landscape Architect. The contractor shall maintain a height of not less than 2-inches. The contractor shall be responsible for at least three cuttings prior to final inspection.
  - C. The lawn areas, to be acceptable, shall be in a green and healthy condition, void of bare spots. Water will be supplied by the owner for watering purposes where available. If water is not available from the owner, the contractor shall supply water from his own source. The contractor shall furnish the hose and proper equipment for watering purposes.

**End of Section - 02930**



# LANDSCAPE RENOVATION at HERITAGE OAKS



## PLAINFIELD PARK DISTRICT

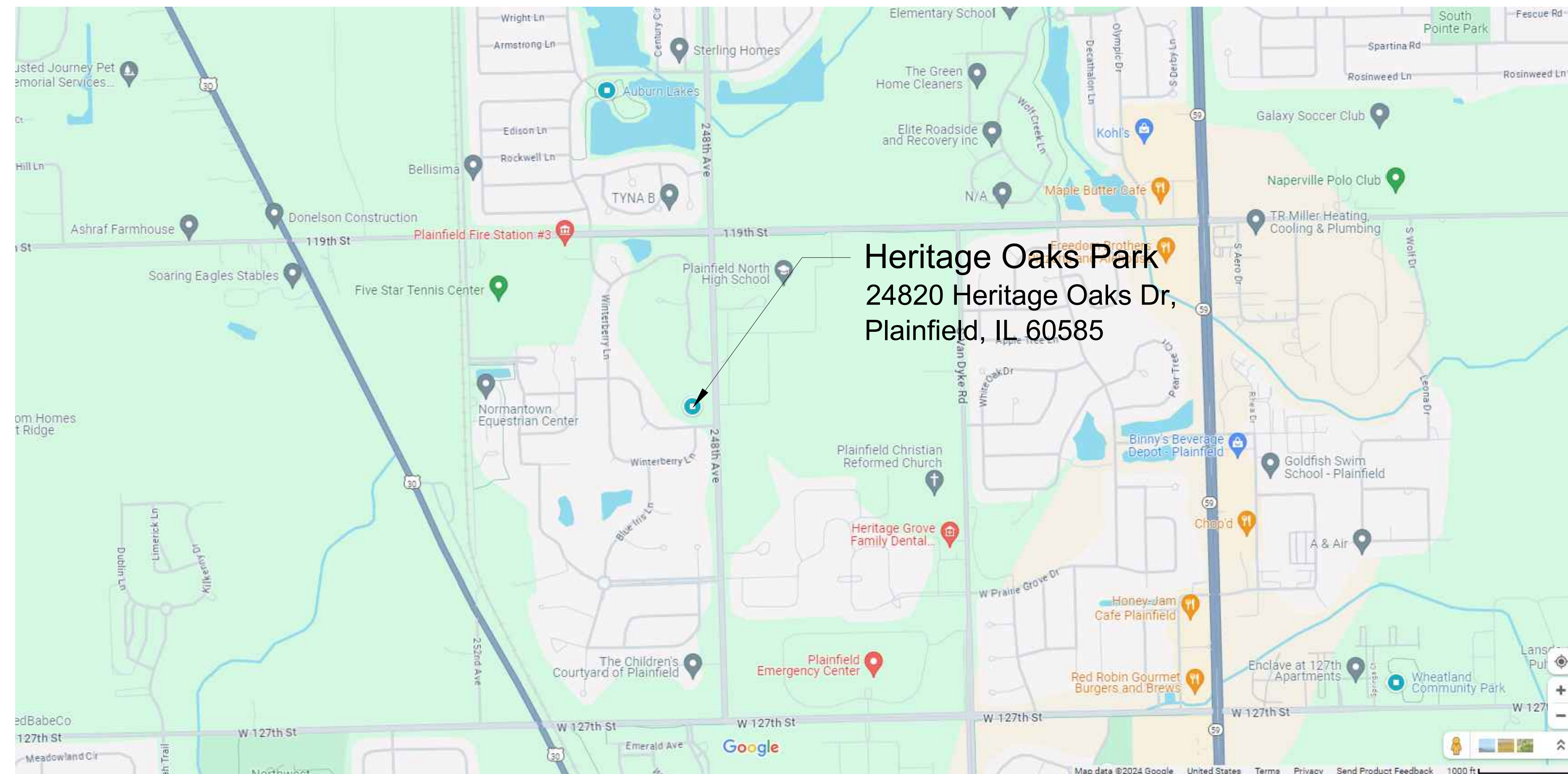
**Board of Commissioners**  
 Bill Thoman-President  
 Syed Abedi-Vice President  
 Heath Wright-Commissioner  
 Tracee Steele-Commissioner  
 Colette Safford-Commissioner  
 Debra Narducci-Commissioner  
 Nuhie Faheem-Commissioner

**Executive Director**  
 Carlo Capalbo

**Director of Planning**  
 Bob Collins, RLA/ASLA

**Planning Manager**  
 Kevin Miller, ASLA

Site Locations Map



Project  
 2024 Heritage Oaks - Bid # 2031

Playground & Shelter Renovation

Issues & Revisions		
#	Date	Description

**SHEET INDEX**

Sheet #	Sheet Title
C-1	Cover Sheet
G-1	General Notes
HO-1	Heritage Oaks - Existing Site Plan
HO-2	Heritage Oaks - Demolition/Site Preparation Plan
HO-3	Heritage Oaks - Construction Plan
HO-4	Heritage Oaks - Grading & Drainage Plan
HO-5	Heritage Oaks - Dimension Plan
HO-6	Heritage Oaks - Landscape Plan
HO-7	Heritage Oaks - ALT#2 Expanded Landscape Plan
D-1	Construction Details
D-2	Site Preparation & Landscape Details

**ISSUED FOR BID**  
**April 11, 2024**



Sheet Title  
**COVER SHEET**  
 Date: April 11, 2024

**C-1**

GENERAL NOTES:

- A. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT GUARANTEED TO BE INCLUSIVE. THIS INFORMATION REPRESENTS ONLY THE OPINION OF THE OWNER AND THE OWNER AS TO THE LOCATION AND ELEVATION OF THESE UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDERS. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT HORIZONTAL AND VERTICAL LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING OPERATIONS SO AS NOT TO DAMAGE THEM. EACH CONTRACTOR AND SUBCONTRACTOR SHALL OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION AND ELEVATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM. PRIOR TO EXCAVATING, CALL JOINT UTILITIES LOCATION INFORMATION FOR EXCAVATORS (J.U.L.I.E.) AT 1-800-892-0123.
- B. THE CONTRACTOR MUST FURNISH, INSTALL, AND MAINTAIN CONSTRUCTION FENCE AT WORK AREAS AND/OR AROUND EXISTING TREES TO REMAIN AS SHOWN. THIS FENCE MAY BE TAKEN DOWN PERIODICALLY TO AID IN CERTAIN CONSTRUCTION TASKS, HOWEVER MUST BE RE-ERECTED AT THE END OF EACH WORKING DAY. ALSO, THIS FENCE MAY BE RE-USED AND RELOCATED TO ACCOMMODATE PHASING.
- C. EARTHWORK AND PAVING SPECIFICATIONS: THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION: LATEST EDITION", AND ALL ADDENDA THERETO, SHALL GOVERN THE EARTHWORK AND PAVING WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS.
- D. UNDERGROUND SPECIFICATIONS: THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS: LATEST EDITION", SHALL GOVERN THE UNDERGROUND WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS.
- E. NO PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION". PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE OWNER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO OWNER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE OWNER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE OWNER SHALL BE FINAL AND CONCLUSIVE.
- F. COMPLIANCE WITH LOCAL ORDINANCES: ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY'S ORDINANCES AND STANDARDS.
- G. GUARANTEE: ALL WORK PERFORMED BY THE CONTRACTOR AND SUBCONTRACTOR UNDER THIS CONTRACT SHALL BE GUARANTEED TO THE LOCAL AUTHORITY AND OWNER BY EACH CONTRACTOR AND SUBCONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS AFTER THE FINAL ACCEPTANCE OF THE WORK AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE.
- H. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.
- I. CONTRACTOR SHALL VIDEO TAPE WORK AREAS AND THE EXISTING CONDITION OF EACH PARK AND ANY PARKING LOT, MULTI USE TRAIL, DRIVEWAY, ETC. WHICH WILL BE USED FOR ACCESS PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS.
- J. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC ALONG ADJACENT ROADS AND WALKS. AT NO TIME SHALL ACCESS BE DENIED TO ANY ADJACENT BUSINESSES OR RESIDENCES.
- K. THE OWNER SHALL NOT HAVE CONTROL OVER OR CHARGE AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION, MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT FOR CONSTRUCTION. THE OWNER SHALL NOT HAVE CONTROL OVER OR CHARGE THE CONTRACTORS, SUBCONTRACTORS, OR THEIR AGENTS. COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL RULES IS AND SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- L. TIME IS OF THE ESSENCE RELATIVE TO THE CONSTRUCTION TIME LINE. CONTRACTORS MUST START WORK IMMEDIATELY UPON NOTICE TO PROCEED.
- M. ALL WORK SHALL COMPLY WITH THE CURRENT REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT FOR PHYSICALLY HANDICAPPED PEOPLE.
- N. WHEN APPLICABLE, TEMPORARY PARTITIONS AND CONSTRUCTION BARRIERS SHALL BE ERECTED TO PROTECT THE PUBLIC AND TO PROVIDE SECURITY.
- O. EACH CONTRACTOR SHALL DO ALL NECESSARY CUTTING, FITTING, AND PATCHING OF HIS OWN WORK. HE SHALL ALSO DO ALL REMOVING AND ALTERING OF THE WORK AS REQUIRED TO MAKE THE SATISFACTORY CONNECTION AND INSTALLATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION AND FINISHING WORK; RESTORE TO MATCH ADJOINING CONSTRUCTION AND FINISHES.

- P. ALL WORK SHALL BE ACCOMPLISHED IN A FIRST-CLASS MANNER, COMPLETE AND READY FOR THE USE INTENDED. CONTRACTORS SHALL BE RESPONSIBLE FOR FAULTY MATERIALS AND WORKMANSHIP AND SHALL REMEDY ANY DEFECTS THERETO AND SHALL PAY FOR ANY DAMAGES TO OTHER WORK RESULTING THEREFROM, WHICH SHALL APPEAR FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF THE WORK.

DEMOLITION PLAN GENERAL NOTES:

- A. THE CONTRACTOR SHALL PROVIDE SAFETY FENCE AND/OR OTHER BARRIERS NECESSARY TO KEEP PARK USERS FROM ENTERING WORK AREAS. THESE WORK AREAS SHALL REMAIN BUTTONED UP AT ALL TIMES - TOTALLY SECURED TO PREVENT ACCESS BY RESIDENTS AFTER CONSTRUCTION HOURS. ORANGE PLASTIC CONSTRUCTION FENCE SHALL ALSO BE USED AROUND EXISTING TREES WHICH ARE NEAR CONSTRUCTION AREAS. FENCE DIAMETER AT TREES SHALL EQUAL THE DIAMETER OF THE CROWN SHOWN ON THE PLAN OR DRIPLINE. USE STANDARD ENGINEERS SCALE TO DETERMINE APPROPRIATE LENGTHS/ DIAMETER OF FENCE. SEE PLAN FOR APPROXIMATE LOCATION OF SAFETY FENCE.
- B. ALL UTILITIES SHALL BE LOCATED BY J.U.L.I.E. AT THE DIRECTION OF THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
- C. ALL ITEMS DESIGNATED FOR REMOVAL SHALL BE DISPOSED OF OFF SITE IN A LEGAL AND ACCEPTABLE MANNER AND AS OTHERWISE SPECIFIED IN THE DRAWINGS OR BY THE OWNER.
- D. TAKE SPECIAL CARE TO CHECK THE SITE PERIODICALLY AS NOT TO LEAVE OPEN EXCAVATIONS OR PROTRUDING OBJECTS WHICH CAN BE HARMFUL TO PARK USERS AND WORKERS.
- E. ALL AREAS SHOWN TO BE REGRADED SHALL HAVE ALL TURF AND TOPSOIL REMOVED (EXCEPT WITHIN DRIPLINE OF TREES). SEE PLAN.
- F. ADJACENT ROADS AND WALKS TO REMAIN OPEN TO VEHICULAR AND PEDESTRIAN TRAFFIC AND FREE OF DEBRIS AT ALL TIMES - USE NECESSARY TRAFFIC CONTROL DEVICES WHEN REQUIRED.
- G. ANY AND ALL MUD, DIRT, DEBRIS AND CONSTRUCTION DEBRIS TO BE REMOVED FROM STREETS BY THE END OF EACH CONSTRUCTION DAY. MUD AND DEBRIS LEFT ON THE STREETS NOT CLEANED AND POWER-WASHED BY THE CONTRACTOR MAY BE UNDERTAKEN BY THE OWNER AND BACK-CHARGED TO THE CONTRACTOR.
- H. CONTRACTOR'S OPTION: IF APPROVED FOR REUSE BY GEOTECHNICAL ENGINEER CONCRETE SCHEDULED FOR REMOVAL MAY BE GROUND ON SITE AND RE-USED AS BASE MATERIAL UNDER NEW CONCRETE AND/OR ASPHALT SURFACES.

TREE PRESERVATION NOTES:

IN PLAINFIELD PARK DISTRICT'S (PPD) PARK CODE ORDINANCE, NUMBER 2017-03, SECTION 2-DESTRUCTION OR MISUSE OF NATURAL RESOURCES,"A" STATES THAT ALL TREES THAT ARE PRESERVED UNLESS AUTHORIZED BY THE DIRECTOR. ALSO, PPD'S URBAN FOREST PLANTING & PRESERVATION POLICY SECTION 3.05 SPELLS OUT OUR TREE PRESERVATION AND CONSERVATION PLAN IN SECTION 1.6 TREE PROTECTION.. DURING CONSTRUCTION TAKE ALL REASONABLE STEPS NECESSARY TO PREVENT THE DESTRUCTION OR DAMAGING OF TREES INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

- A. NO CONSTRUCTION ACTIVITY, MOVEMENT AND/OR PLACEMENT OF EQUIPMENT OR MATERIAL OR SPOILS STORAGE SHALL BE PERMITTED OUTSIDE THE CONSTRUCTION LIMITS OR WITHIN THE TREE PRESERVATION AREA. NO EXCESS SOIL, ADDITIONAL FILL, LIQUIDS OR CONSTRUCTION DEBRIS SHALL BE PLACED WITHIN THE ROOT ZONE OF ANY TREE THAT IS REQUIRED TO REMAIN.
- B. CRUSHED LIMESTONE, HYDROCARBONS AND OTHER MATERIALS DETRIMENTAL TO TREES SHALL NOT BE DUMPED WITHIN THE ROOT ZONE OF ANY TREE, NOR AT ANY HIGHER LOCATION WHERE DRAINAGE TOWARD THE TREE COULD CONCEIVABLY AFFECT THE HEALTH OF THE TREE.
- C. APPROPRIATE PROTECTIVE FENCING SHALL BE TEMPORARILY INSTALLED FOR PROTECTION OF REMAINING TREES. APPROPRIATE PROTECTIVE FENCING SHALL INCLUDE WOODEN SNOW FENCE, AND/OR VINYL CONSTRUCTION FENCE.
- D. ALL REQUIRED PROTECTIVE FENCING OR OTHER PHYSICAL BARRIER MUST BE IN PLACE AND APPROVED BY THE PARK DISTRICT PRIOR TO BEGINNING CONSTRUCTION. THE FENCING MUST REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PERIOD TO PREVENT THE IMPINGEMENT OF CONSTRUCTION VEHICLES, MATERIALS, SPOILS AND EQUIPMENT INTO OR UPON THE TREE PRESERVATION AREA. ALL FENCING MUST BE SECURED TO METAL POSTS DRIVEN INTO THE GROUND AND SPACED NO FURTHER THAN 10 FEET APART.
- E. NO ATTACHMENTS, FENCES OR WIRES, OTHER THAN THOSE APPROVED FOR BRACING, GUYING OR WRAPPING, SHALL BE ATTACHED TO TREES DURING THE CONSTRUCTION PERIOD.
- F. UNLESS OTHERWISE INDICATED ON THE PLANS, NO SOIL IS TO BE REMOVED FROM WITHIN THE ROOT ZONE OF ANY TREE THAT IS TO REMAIN.
- G. IF, IN THE OPINION OF THE PARK DISTRICT, THE NECESSARY PRECAUTIONS AS SPECIFIED WERE NOT UNDERTAKEN BEFORE CONSTRUCTION COMMENCED, OR ARE NOT MAINTAINED AT ANY TIME DURING CONSTRUCTION, A STOP WORK ORDER SHALL BE ISSUED UNTIL SUCH TIME AS THE CONTRACTOR COMPLIES WITH THE PRECAUTIONS HEREIN.

CONSTRUCTION PLAN GENERAL NOTES:

- A. THE WORK INVOLVED IN CONNECTING PROPOSED STORM SEWERS TO EXISTING MANHOLES OR CONSTRUCTING PROPOSED MANHOLES OVER EXISTING STORM SEWERS OR RECONNECTING EXISTING STORM LATERALS TO PROPOSED STORM SEWERS SHALL BE PAID FOR AT THE CONTRACT BID PRICE FOR THE ITEM BEING CONSTRUCTED.
- B. SAWING OF REMOVAL ITEMS AS NOTED OR IMPLIED ON THE PLANS SPECIFIED AS REQUIRED BY THE OWNER SHALL BE CONSIDERED TO BE INCIDENTAL TO THE COST OF THE ITEM BEING REMOVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.
- C. EXISTING TOPOGRAPHY AND SPOT ELEVATIONS FOR THE ENTIRE PROJECT SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE OWNER. PROPOSED GROUND ELEVATIONS MAY BE REVISED TO MEET FIELD CONDITIONS.
- D. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
- E. DEBRIS DEPOSITED IN THE FLOW OF ANY STRUCTURES SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CLOSE OF CONSTRUCTION OPERATIONS, ALL STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO THE CONTRACT.
- F. THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. WORK OUTSIDE THESE LIMITS WILL NOT BE PAID FOR UNLESS AUTHORIZED BY THE OWNER.
- G. CONSTRUCTION STAKING FOR THE PROJECT SHALL BE PERFORMED BY THE CONTRACTOR AND CONSIDERED INCIDENTAL TO THE CONTRACT.
- H. ALL FRAMES AND GRATES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- I. ANY DAMAGE TO ADJACENT PROPERTY OR STRUCTURES SHALL BE REPAIRED OR REPLACES AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE PARK DISTRICT AND ADJACENT PROPERTY OWNER(S).
- J. NO CONCRETE SHALL BE INSTALLED UNTIL THE FORMS HAVE BEEN INSPECTED FOR LINE, GRADE AND SUBGRADE CONDITIONS BY THE OWNER. IT IS SUGGESTED THAT THE INSPECTIONS BE ARRANGED FOR, AT LEAST 48 HOURS IN ADVANCE OF THE CONCRETE PLACEMENT.
- K. ELEVATIONS SHOWN ARE USGS DATUM UNLESS OTHERWISE NOTED.
- L. THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, WALKS OR TURF UNLESS OTHERWISE INDICATED.
- M. A SMOOTH TRANSITION SHALL BE EFFECTED BETWEEN NEW AND EXISTING CONSTRUCTION, AND TEMPORARY CONSTRUCTION.
- N. ELEVATIONS OF SEWER LINES AND THEIR LOCATIONS WILL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS. PROPOSED DRAINAGE ELEVATIONS AND GRADES MAY BE REVISED TO MEET FIELD CONDITIONS.
- O. EXISTING SITE UTILITIES, SUCH AS VALVES, SANITARY AND STORM CASTINGS, AND HYDRANTS, ETC. SHALL BE ADJUSTED TO THE ELEVATION OF THE FINISHED GROUND SURFACE. THE CONTRACTOR SHALL EXERCISE CARE IN GRADING AND ANY DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- P. THE OWNER SHALL REVIEW ALL HARD SURFACE PAVEMENT ELEVATIONS PRIOR TO CONSTRUCTION. GIVE OWNER 24 HOURS NOTICE. ALL HARD SURFACE PAVEMENTS SHALL DRAIN COMPLETELY AT 1.0% MIN. SLOPE (UNLESS OTHERWISE SPECIFIED).
- Q. THE CONTRACTOR SHALL EXCAVATE, BACKFILL, COMPACT, GRADE AND SHAPE THE SUBGRADE AS DEPICTED IN THE PLAN. HE SHALL IMPORT ADDITIONAL SUBSOIL AS NECESSARY.
- R. ALL EXCAVATED TOPSOIL SHALL BE REUSED BY THE CONTRACTOR FOR RESPREADING BENEATH BERMS AND LANDFORMS OR OTHER LANDSCAPE AREAS. IF CONSTRUCTION YIELDS ADDITIONAL TOPSOIL, IT SHALL BE STOCKPILED ON SITE IN AN AREA DESIGNATED BY THE OWNER.
- S. NO SOIL IS PLANNED TO LEAVE PROJECT SITE. ANY SOIL LEAVING THE SITE SHALL BE TESTED PER CDD SPECIFICATIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- T. WHEN EXCAVATING, BACKFILLING, OR GRADING BENEATH TREE DRIPLINE, REVIEW ALL PROPOSED WORK WITH THE OWNER.
- U. ELEVATIONS OF TOP OF FOOTINGS IN WOOD CHIP LOOSE FILL AREAS SHALL BE THE SAME AS THE BOTTOM OF MULCH/TOP OF SUBGRADE. ROUND THE TOP EDGES OFF ALL FOOTINGS FOR SAFETY.
- V. FINISHED GRADE ELEVATIONS IN TURF AREAS SHALL BE APPROXIMATELY 1" ABOVE ADJACENT PAVEMENTS, CURBS, ETC. TO ALLOW FOR SETTLEMENT.
- W. ALL STORM SEWER LATERALS WILL BE CONSTRUCTED AT A MINIMUM SLOPE OF 0.45 PERCENT UNLESS OTHERWISE NOTED ON PLANS.

DIMENSION PLAN GENERAL NOTES:

- A. ALL DIMENSIONS WHICH ARE GIVEN BY THE GRID COORDINATE SYSTEM INDICATORS SHALL BE VERIFIED PRIOR TO COMMENCING WORK. ALL FEATURES, CURBS, PAVEMENTS, AND WALLS SHALL BE LAID OUT AND PAINTED OR OTHERWISE MARKED IN THE FIELD BY THE CONTRACTOR AND VERIFIED BY THE OWNER PRIOR TO CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- B. ALL CONCRETE CURVES SHALL BE SMOOTH AND CONTINUOUS AS SHOWN IN THE DRAWINGS. SHARP BENDS OR KINKS IN THE PAVEMENT SHALL BE REMOVED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- C. ALL CONCRETE SCORING SHALL FOLLOW A 5' MODULE OR AS SHOWN IN THE DRAWINGS. ALL EXPANSION JOINTS IN FLATWORK OR CURBS SHALL BE LOCATED AT 30' INTERVALS OR AS SHOWN. NO SAWCUT JOINTS WILL BE PERMITTED, TROWEL ONLY. SEE SPECIFICATIONS.
- D. UNLESS OTHERWISE NOTED, ALL CURB AND PAVEMENT ANGLES SHALL BE CONSTRUCTED AT 90 DEGREE OR 45 DEGREE ANGLES.
- E. ALL PROPOSED RADII DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.

GRADING AND ADA NOTES

- A. INSTALL AND MAINTAIN SILT FENCE AT THE PERIMETER OF THE CONSTRUCTION ZONE. INSTALL HAY BALE EROSION CONTROL AROUND ALL PROPOSED AND EXISTING STRUCTURES RECEIVING DRAINAGE FROM DISTURBED AREAS. SILT FABRIC UNDER THE LID IS NOT AN ACCEPTABLE ALTERNATIVE IN LANDSCAPED AREAS.
- B. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL BE DONE IN A MANNER WHICH WILL ALLOW FOR POSITIVE DRAINAGE, AND NOT CAUSE PONDING OF STORMWATER ON THE SURFACE OF PROPOSED IMPROVEMENTS.
- C. MAXIMUM SIDEWALK CROSS SLOPES SHALL BE 2.0%. MAXIMUM LONGITUDINAL SIDEWALK SLOPE SHALL BE 4.9%. CONTACT OWNER IF CONFLICTS EXIST.

WATER/UTILITY NOTES:

- A. FIELD VERIFY INVERT & LOCATIONS OF EXISTING UTILITY MAINS PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. ALL ELEVATIONS AND INVERTS REFERENCING SAID UTILITY SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION OF ANY NEW STRUCTURES OR UTILITIES, AND ADJUSTMENTS SHALL BE MADE AS NECESSARY. CONTACT OWNER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITH THESE DRAWINGS.
- B. COORDINATE THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT OWNER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
- C. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
- D. PROTECTION OF WATER SUPPLIES SHALL BE AS DESCRIBED IN SECTION 370.350 OF THE ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS OR SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.

LANDSCAPE PLAN GENERAL NOTES:

- A. ALL PLANTINGS PER PLANS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR. SEED/SOD TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
- B. NOTE THAT PLANT LIST QUANTITIES ARE FOR THE INSTALLER'S CONVENIENCE ONLY. INSTALLER SHALL VERIFY ALL QUANTITIES.
- C. SEED ALL LAWN AREAS DISTURBED DURING CONSTRUCTION.
- D. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
- E. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE OWNER BEFORE, DURING AND AFTER INSTALLATION.
- F. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.



Project  
**2024 Heritage Oaks - Bid # 2031**

**Playground & Shelter Renovation**

Issues & Revisions		
#	Date	Description



Sheet Title

**GENERAL NOTES**

Date: April 11, 2024

**G-1**

# PLAT OF TOPOGRAPHY

D.F.L.S.

DALE FLOYD LAND SURVEYING L.L.C.

2600 KESLINGER ROAD SUITE A  
GENEVA, ILLINOIS 60134  
PHONE: 630-232-7705 FAX: 630-232-7725  
E-MAIL: DFLS@SBCGLOBAL.NET

HERITAGE OAKS PARK, PLAINFIELD, ILLINOIS  
PLAINFIELD PARK DISTRICT

STATE OF ILLINOIS S.S.  
COUNTY OF KANE  
WE, DALE FLOYD LAND SURVEYING L.L.C., A  
PROFESSIONAL DESIGN FIRM, LICENSE NO. 184.007094-0008  
DO HEREBY CERTIFY THAT THE ABOVE DESCRIBED  
PROPERTY HAS BEEN SURVEYED IN THE MANNER  
REPRESENTED ON THE PLAT HEREON DRAWN.  
DIMENSIONS ARE SHOWN IN FEET AND DECIMAL PARTS  
THEREOF.  
GENEVA, ILLINOIS 2-19 A.D. 2024

ILLINOIS PROFESSIONAL LAND SURVEYOR  
NO. 035-003908

THIS PROFESSIONAL SERVICE CONFORMS  
TO THE CURRENT ILLINOIS MINIMUM STANDARDS  
FOR A BOUNDARY SURVEY.

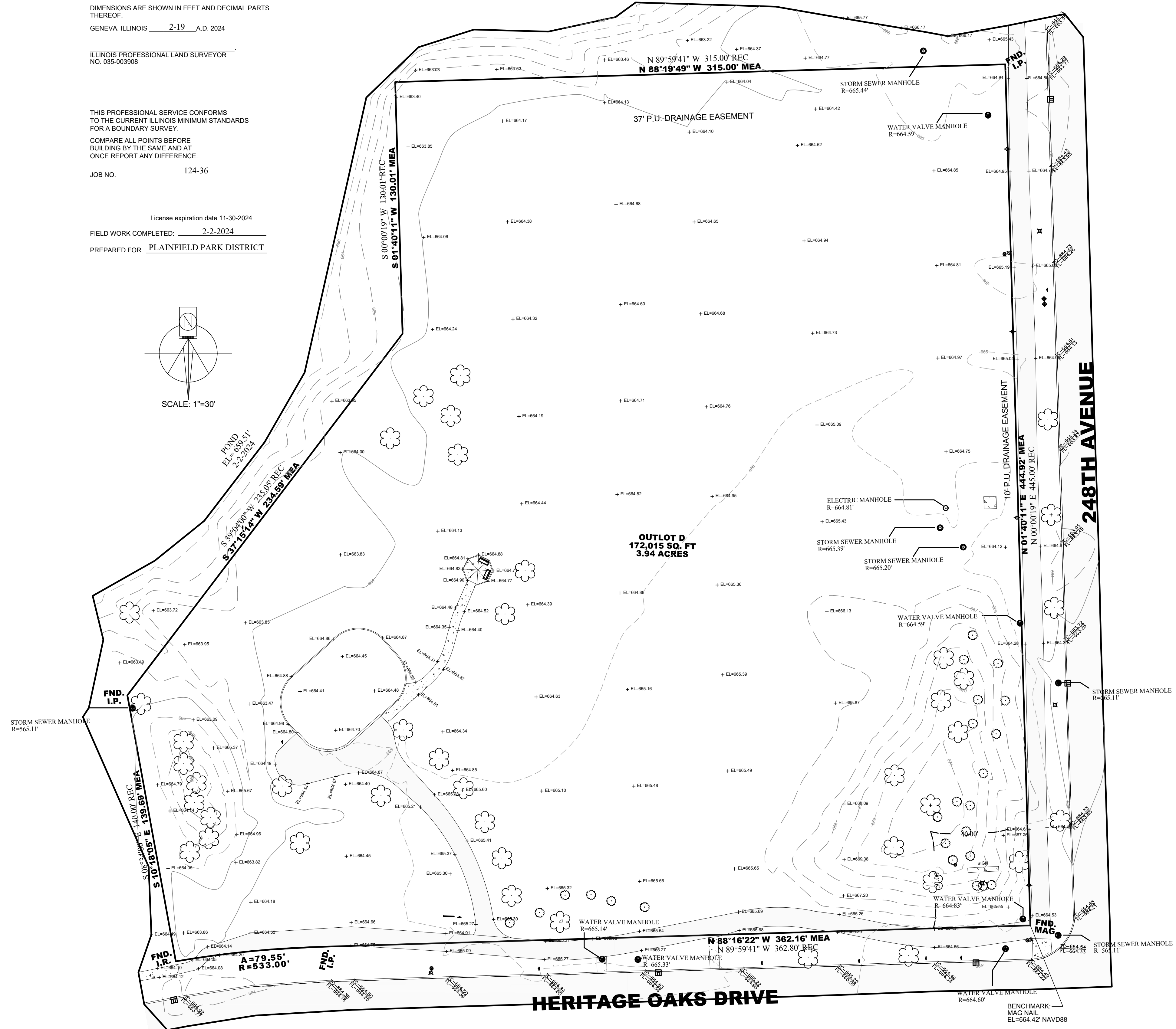
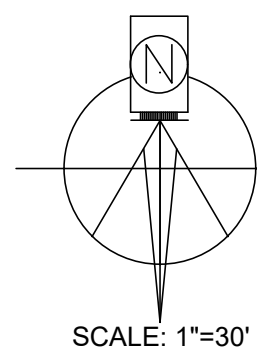
COMPARE ALL POINTS BEFORE  
BUILDING BY THE SAME AND AT  
ONCE REPORT ANY DIFFERENCE.

JOB NO. 124-36

License expiration date 11-30-2024

FIELD WORK COMPLETED: 2-2-2024

PREPARED FOR PLAINFIELD PARK DISTRICT



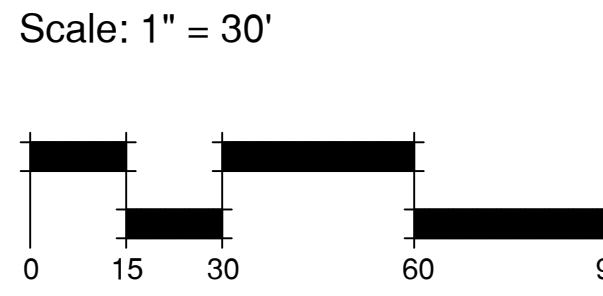
LEGEND	
	= INLET
	= SIGN
	= STORM SEWER MANHOLE
	= SANITARY SEWER MANHOLE
	= UTILITY BOX
	= LIGHT
	= FOUND IRON ROD
	= FOUND IRON PIPE
	= FENCE
	= BLDG. TR.
	= BLDG. LINE
	= EASEMENT
	= ELECTRIC MANHOLE
	= WATER VALVE MANHOLE
	= B BOX
	= FIRE HYDRANT
	= BUSH
	= TREE
	= PUBLIC UTILITY
	= MUNICIPAL UTILITY
	= ASPHALT
	= CONCRETE
	= BUILDING



Project  
2024 Heritage  
Oaks - Bid # 2031

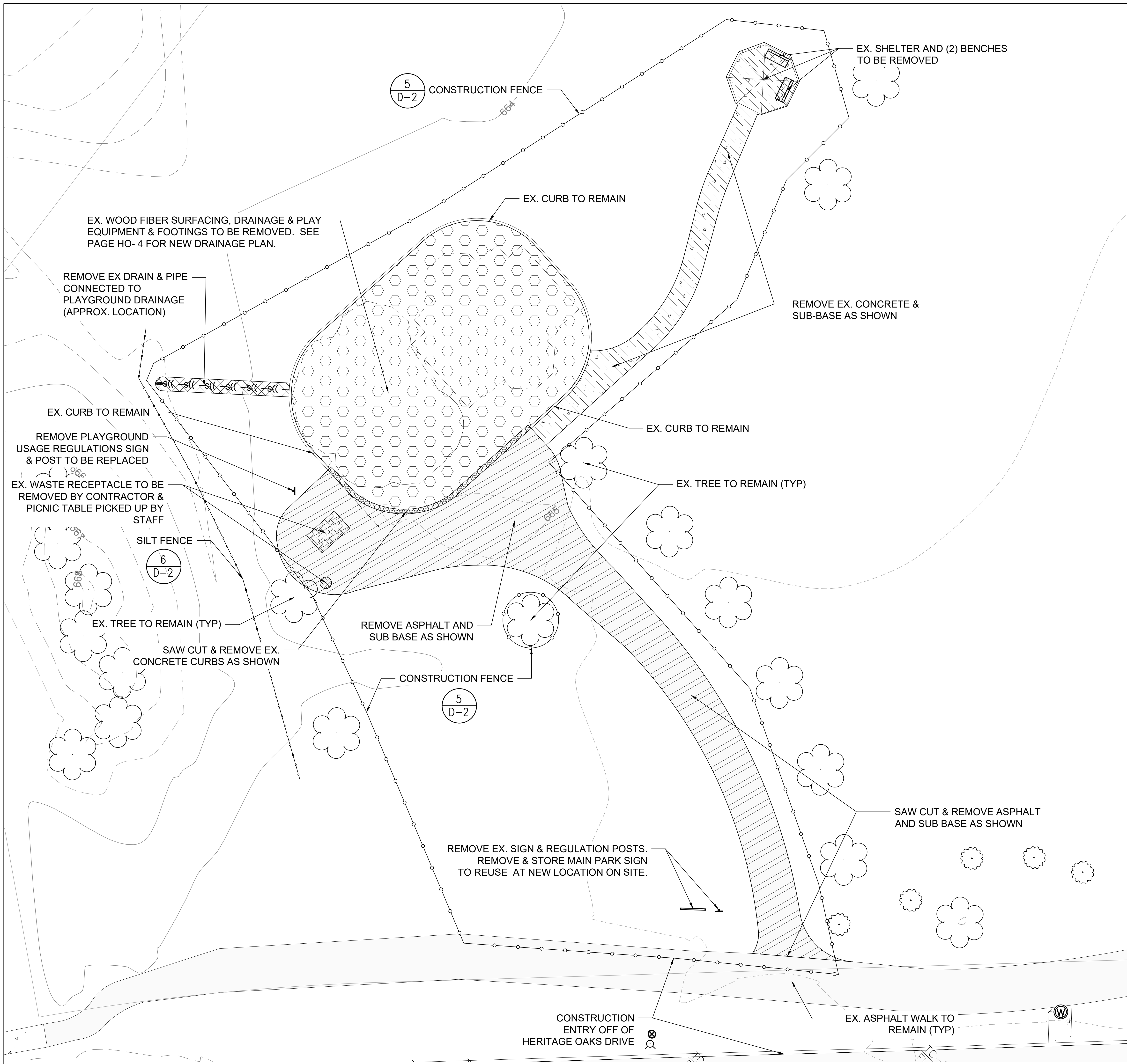
Playground &  
Shelter Renovation

Issues & Revisions		
#	Date	Description



Sheet Title  
**EXISTING  
SITE**  
Date: April 11, 2024  
**HO-1**

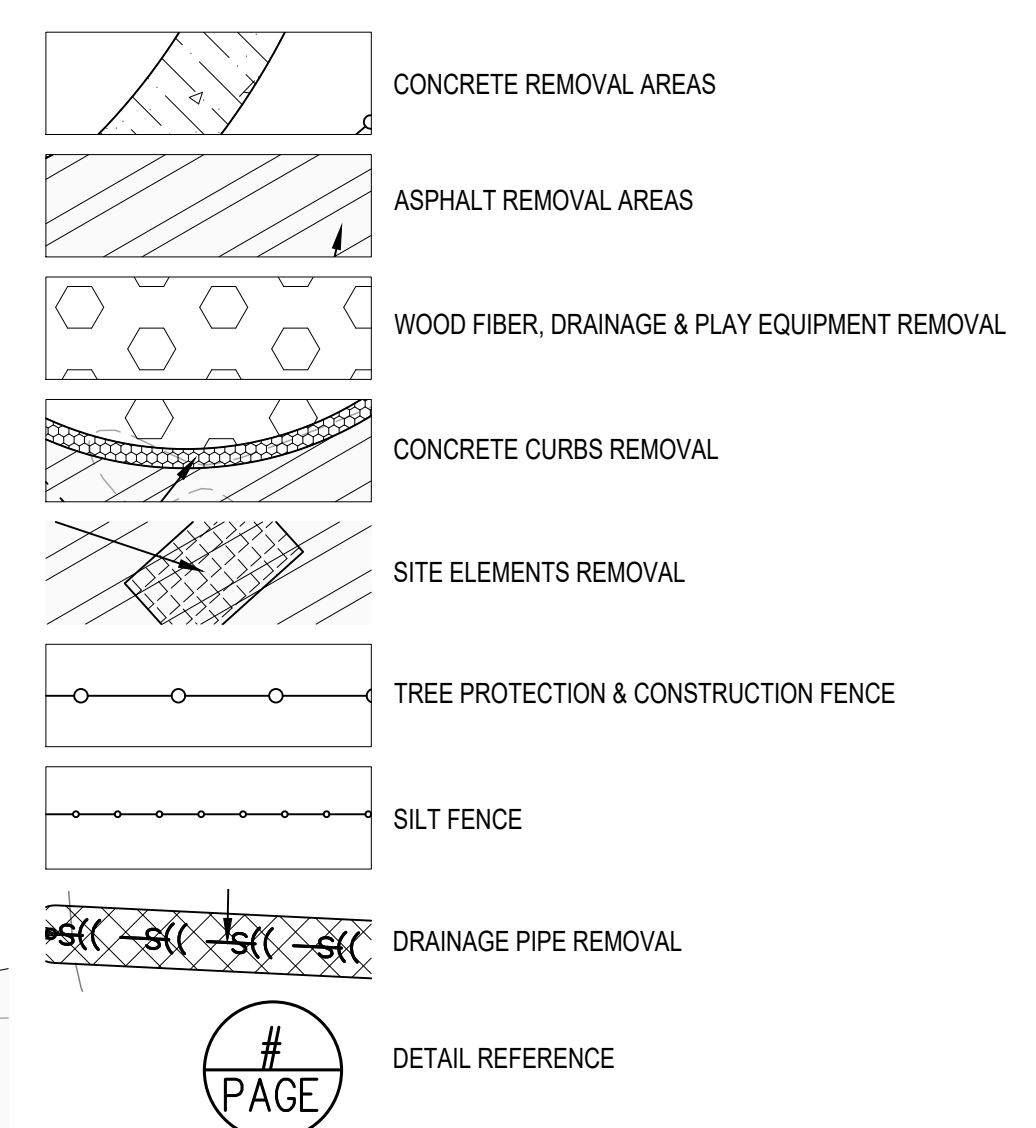
SURVEY PROVIDED BY DALE  
FLOYD LAND SURVEYING  
DATED FEBRUARY 2, 2024



**DEMOLITION & SITE PREPARATION NOTES**

- EXISTING SITE INFORMATION BASED ON SURVEY PROVIDED BY DALE FLOYD LAND SURVEYING LLC, DATED FEBRUARY 2, 2024.
- PRIOR TO DEMOLITION, NOTIFY PROJECT MANAGER TO INSPECT TREE PROTECTION MEASURES. CONTACT PARK DISTRICT.
- ALL UTILITIES SHALL BE FIELD LOCATED A MINIMUM OF 2 BUSINESS DAYS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES WITH THIS DRAWING SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY. CALL J.U.L.I.E. @ 811. CONTACT VILLAGE OF PLAINFIELD TWO DAYS PRIOR TO CONSTRUCTION TO MARK UTILITY.
- PROTECT ALL EXISTING UTILITY STRUCTURES UNLESS SHOWN TO BE ABANDONED OR REMOVED. TEMPORARY CONTAINMENT FENCE AS SHOWN ON THE PLANS IS APPROXIMATE. THIS FENCE MAY BE ORANGE "SNOW FENCE" WITH METAL OR WOOD STAKES AS IS TYPICAL FOR THIS APPLICATION.
- ALL STRUCTURES, UTILITIES, PAVEMENT AND DESIGNATED TREES SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR TO ITEMS AND STRUCTURES TO REMAIN SHALL BE REPAIRED TO ORIGINAL CONDITION AT NO COST TO THE OWNER.
- ALL MATERIAL TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. DISPOSE IN ACCORDANCE WITH ALL STATE, LOCAL AND FEDERAL GUIDELINES, UNLESS OTHERWISE NOTED.
- NOTIFY THE APPROPRIATE VILLAGE OF PLAINFIELD AGENCIES AT LEAST TWO (2) BUSINESS DAYS PRIOR TO THE START OF ANY WORK AFFECTING VILLAGE PROPERTY.
- COORDINATE THE ADJUSTMENT OF UTILITY STRUCTURES WITH THE APPROPRIATE VILLAGE AGENCIES OR PRIVATE UTILITY. NO WORK TO PUBLIC OR PRIVATE UTILITIES SHALL BE DONE WITHOUT WRITTEN CONSENT BY UTILITY OWNER. ALL UTILITY STRUCTURES TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE UNLESS OTHERWISE NOTED.
- REVIEW CONSTRUCTION STAGING AND ENTRANCE WITH PARK DISTRICT PROJECT MANAGER PRIOR TO THE START OF CONSTRUCTION.
- EXISTING PLAY EQUIPMENT WILL BE REMOVED BY BEING CUT AT THE POST BASE AND LEAVING THE BELOW GRADE FOOTINGS PRIOR TO THE START OF CONSTRUCTION BY KIDS AROUND THE WORLD. CONTRACTOR SHALL BEGIN SITE PREPARATION AND ERECT CONSTRUCTION FENCING PRIOR TO THIS REMOVAL.
- THE CONTRACTOR SHALL KEEP THE PREMISES ON WHICH THE WORK IS BEING DONE CLEAR OF RUBBISH AND DEBRIS AT ALL TIMES. ALL MATERIALS AND DEBRIS REMOVED FROM THE SITE SHALL BE DISPOSED OF LEGALLY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR STREET CLEANING TO KEEP ADJACENT STREETS AND ALLEYS CLEAR OF DIRT AND DEBRIS.
- CONTRACTOR SHALL REMOVE EVERYTHING NECESSARY TO COMPLETE CONSTRUCTION. LABELS ARE FOR CONVENIENCE ONLY AND THE CONTRACTOR SHALL VERIFY REMOVALS PRIOR TO SUBMITTING THE BID FOR WORK ON THIS PROJECT.
- IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL CONSTRUCTION BARRIERS AND FENCING TO PROTECT THE PROPOSED WORK, FOR PUBLIC SAFETY AND TO PROVIDE SECURITY.
- EXISTING DEBRIS PILES NOT ACCOUNTED FOR ON THE SURVEY SHALL BE CLEARED AND DISPOSED OF BY THE CONTRACTOR.
- SILT FENCE AND EROSION CONTROL MEASURES, IF REQUIRED BY LOCAL CODE, ARE THE RESPONSIBILITY OF THE CONTRACTOR.

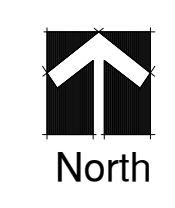
**DEMOLITION & SITE PREPARATION LEGEND**



Project  
**2024 Heritage Oaks - Bid # 2031**

**Playground & Shelter Renovation**

Issues & Revisions		
#	Date	Description



Sheet Title  
**DEMOLITION & SITE PREPARATION**  
 Date: April 11, 2024  
**HO-2**




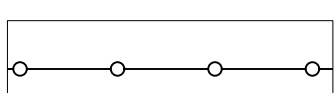
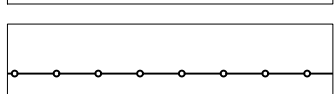
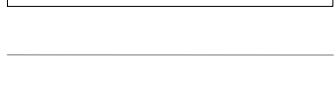


Issues & Revisions		
#	Date	Description



**CONSTRUCTION NOTES**

- EXISTING SITE INFORMATION BASED ON SURVEY PROVIDED BY DALE FLOYD LAND SURVEYING LLC, DATED FEBRUARY 2, 2024.
- ALL UTILITIES SHALL BE FIELD LOCATED A MINIMUM OF 2 BUSINESS DAYS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES WITH THIS DRAWING SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY. CALL J.U.L.I.E. @ 811.
- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER UTILITIES TO REMAIN FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS AND OTHER HAZARDS CREATED BY SITE IMPROVEMENT OPERATIONS.
- ALL WORK AND OPERATIONS SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
- FENCE LINETYPE DOES NOT INDICATE POST LOCATIONS.
- REGRADE, TOPSOIL & SOD OR SEED ALL LAWN AREAS DISTURBED DURING CONSTRUCTION.
- ALL WORK WITHIN ANY R.O.W. SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTIONS.
- ALL DISTURBED AREAS TO BE SEEDED, SODDED OR PLANTED SHALL RECEIVE 9" OF APPROVED TOPSOIL (LIGHTLY COMPACTED). TOPSOIL PROVIDED BY CONTRACTOR.
- WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.
- STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.

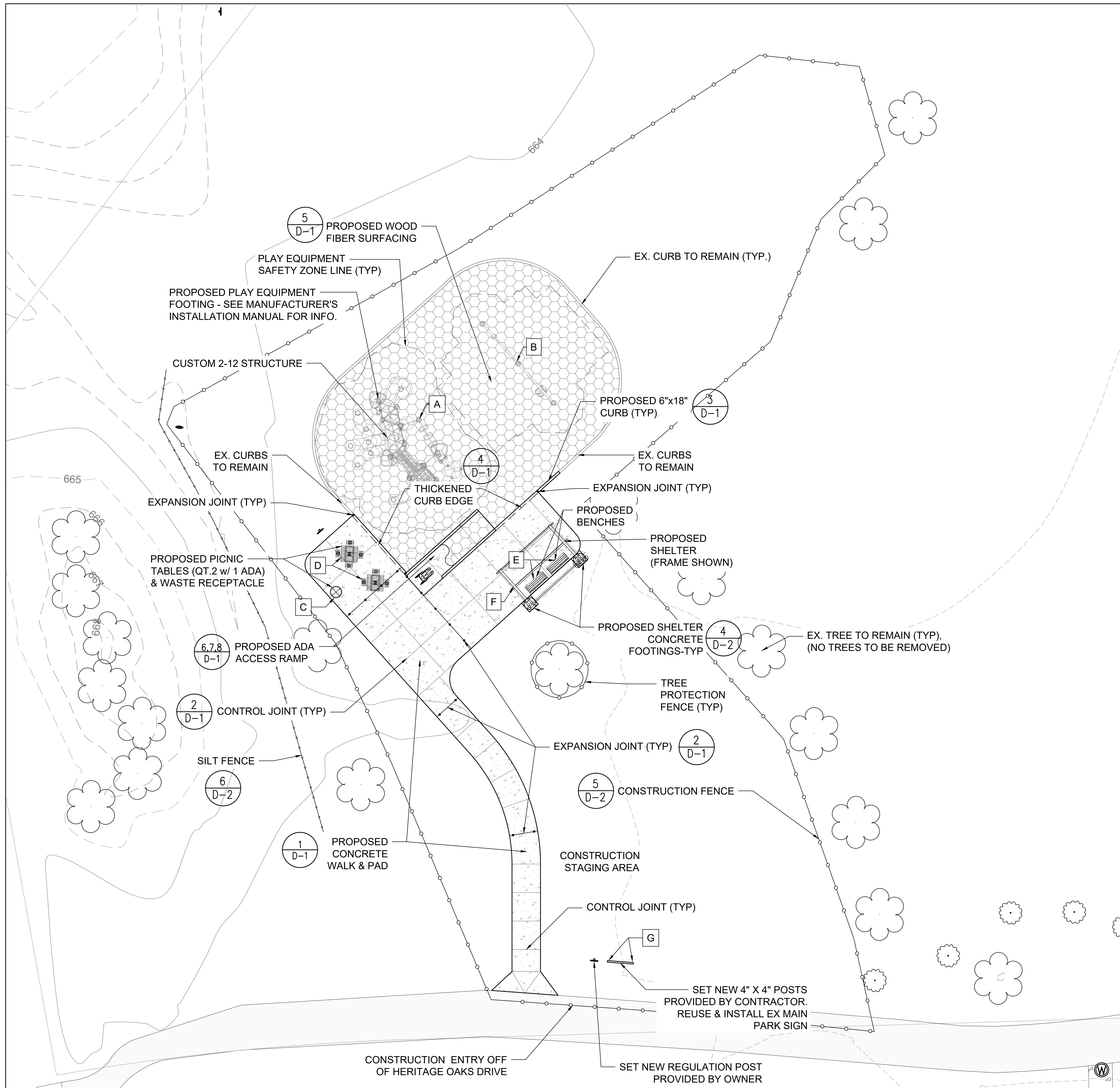
**GENERAL CONSTRUCTION LEGEND**

	EXISTING ASPHALT
	PROPOSED CONCRETE
	PROPOSED ENGINEERED WOOD FIBER
	TREE PROTECTION & CONSTRUCTION FENCE
	SILT FENCE
	CONTROL JOINT
	EXPANSION JOINT
	DETAIL REFERENCE

**SITE FURNISHINGS & COMPONENTS**

ALL ITEMS TO BE FURNISHED BY CONTRACTOR UNLESS OTHERWISE NOTED. ALL ITEMS INSTALLED BY CONTRACTOR.

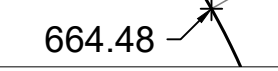
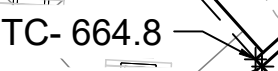


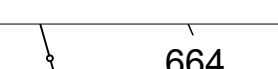



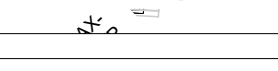
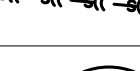
KEY	QTY.	PART	DESCRIPTION	DETAIL REFERENCE
A	1	CUSTOM (see specifications)	Modular 2-12 Play Structure by PLAY ILLINOIS via Burke playground and recreation products Purchased by Owner, shipping to awarded Contractor	INSTALL PER MANUFACTURER'S GUIDELINES
B	1	CUSTOM (see specifications)	Swing Set by PLAY ILLINOIS via Burke playground and recreation products Purchased by Owner, shipping to awarded Contractor	INSTALL PER MANUFACTURER'S GUIDELINES
C	1	VIC.WR.032.DOM.SM	Waste Receptacle by RECYCLE DESIGN Victoria Series 32G Waste Receptacle	INSTALL PER MANUFACTURER'S GUIDELINES
D	1	CIT.PZ.041.SM.ADA	Picnic Table by RECYCLE DESIGN City Series ADA Plaza Table - surface mount	INSTALL PER MANUFACTURER'S GUIDELINES
D	1	CIT.PZ.041.SM	Picnic Table by RECYCLE DESIGN City Series Plaza Table - surface mount	INSTALL PER MANUFACTURER'S GUIDELINES
E	2	CIT.SE.060.SM.ARMS	Bench by RECYCLE DESIGN - City Series 60" Seat with Arms	INSTALL PER MANUFACTURER'S GUIDELINES
F	1	MC10x16Z-P2	10' x 16' cantilever 2 column shelter with Laser cut pattern (TBD) roof 2:12 roof pitch - by ICON via Parkreation, Inc. Purchased by Owner, shipping to awarded Contractor	INSTALL PER MANUFACTURER'S GUIDELINES
G	2	4" x 4" Wood Posts	4 inch by 4 inch Cedar Wood Posts for Sign	INSTALL PER SPECIFICATION GUIDELINES

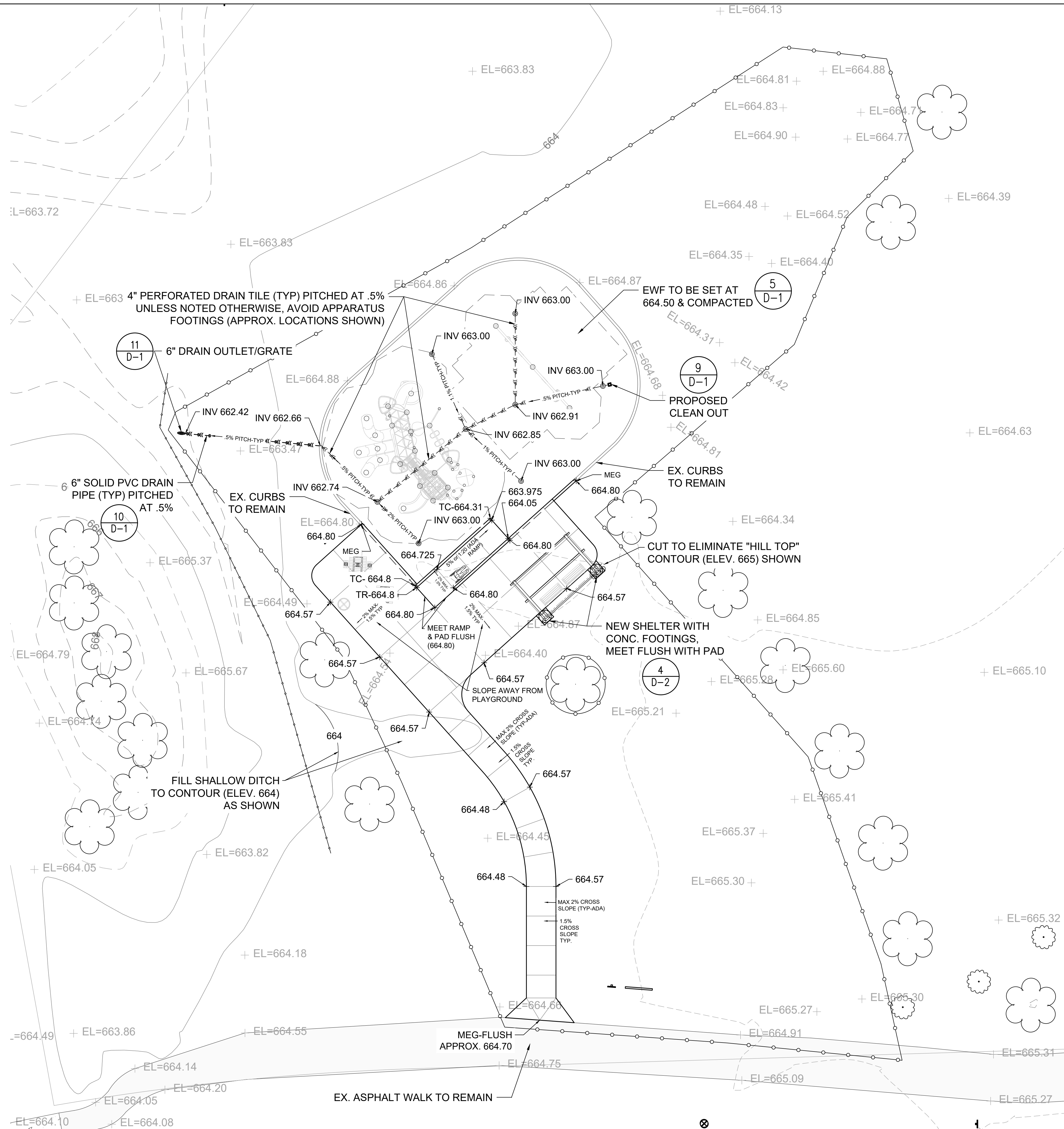


**GRADING NOTES**

- BEFORE ANY EXCAVATION ON THE SITE, CALL JULIE @ 811. TO LOCATE ANY EXISTING UTILITIES ON THE SITE. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATIONS OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE STARTING OPERATIONS. THE CONTRACTOR SHALL BE LIABLE FOR COST OF REPAIRING OR REPLACING ANY BURIED CONDUITS, CABLES OR PIPING DAMAGED DURING THE INSTALLATION OF THIS WORK.
- CAREFULLY MAINTAIN PRESENT GRADE AT BASE OF ALL EXISTING TREES TO REMAIN. PREVENT ANY DISTURBANCE OF EXISTING TREES INCLUDING ROOT ZONES. USE TREE PROTECTION BARRICADES WHERE INDICATED. PROTECT EXISTING TREES TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, BRUISING OF BARK OR SMOTHERING OF TREES. DRIVING, PARKING, DUMPING, STOCKPILING AND/OR STORAGE OF VEHICLES, EQUIPMENT, SUPPLIES, MATERIALS OR DEBRIS ON TOP OF THE ROOT ZONES AND/OR WITHIN THE DRIP LINE OF EXISTING TREES OR OTHER PLANT MATERIAL TO REMAIN IS STRICTLY PROHIBITED.
- ADJUST ALL UTILITY STRUCTURES TO MEET FINISH GRADE, UNLESS NOTED OTHERWISE.
- GRADES SHALL SLOPE TO DRAIN, BE FREE OF DEPRESSIONS OR OTHER IRREGULARITIES AFTER THOROUGH SETTLEMENT AND COMPACTION OF SOIL, AND SHALL BE UNIFORM IN SLOPE BETWEEN GRADING CONTROLS AND THE ELEVATIONS INDICATED.
- MAXIMUM SLOPE ON LAWN AREAS SHALL BE 4:1.
- PLAY EQUIPMENT ELEVATION TO BE SET PER MANUFACTURER'S RECOMMENDATION BASED ON PROPOSED SURFACING ELEVATION.
- ALL NEW PAVING TO HAVE A MAX. CROSS SLOPE OF 2% AND MIN. OF 1%. ALL NEW PAVING SHALL BE SLOPED TO DRAIN TO ADJACENT CURB OR YARD DRAIN/CATCH BASIN.
- ANY PROPOSED GRADES ON PAVEMENT LESS THAN 1% OR GREATER THAN 5% SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO PAVEMENT INSTALLATION.
- FINISH GRADES SHALL MEET EXISTING GRADES AT LIMIT OF WORK AND BE 1" BELOW TOP OF CURBS AND ADJACENT PAVING, UNLESS OTHERWISE INDICATED.
- GRADE TRANSITIONS SHALL BE SMOOTH & CONTINUOUS.
- ASSURE POSITIVE DRAINAGE. NO PONDING OR PUDDLING.
- EROSION CONTROL SILT FENCE, IF REQUIRED BY VILLAGE OR OTHER AGENCY, IS RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL PROTECT ALL DRAINTILE AFTER INSTALLATION.
- PIPE SLOPE SHALL BE 0.5% MINIMUM.

**GRADING LEGEND**

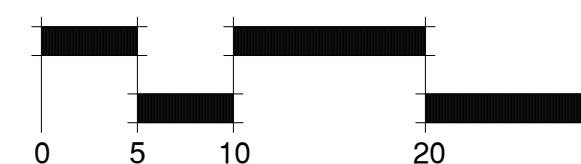
-  664.48 PROPOSED SPOT ELEVATION
-  TC- 664.8 TC- TOP OF CURB
-  INV 663.00 INV - PIPE INVERT ELEVATION
-  EXISTING CONTOUR LINES
-  664 PROPOSED CONTOUR LINES
-  EL=664.80 EXISTING SPOT ELEVATION
-  4" PERFORATED DRAINAGE TILE
-  TR-664.8 TR - TOP OF RAMP ELEVATION  
MEG - MEET AT GRADE - FLUSH WITH EX. PAVEMENT
-  6" SOLID PVC DRAINAGE PIPE & OUTLET
-  (Detail #) / PAGE DETAIL REFERENCE



Issues & Revisions		
#	Date	Description



Scale: 1" = 10'



Sheet Title  
**GRADING & DRAINAGE PLAN**

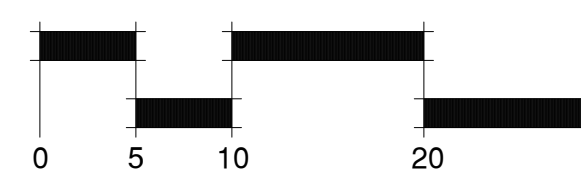
Date: April 11, 2024

**HO-4**

Issues & Revisions		
#	Date	Description



Scale: 1" = 10'



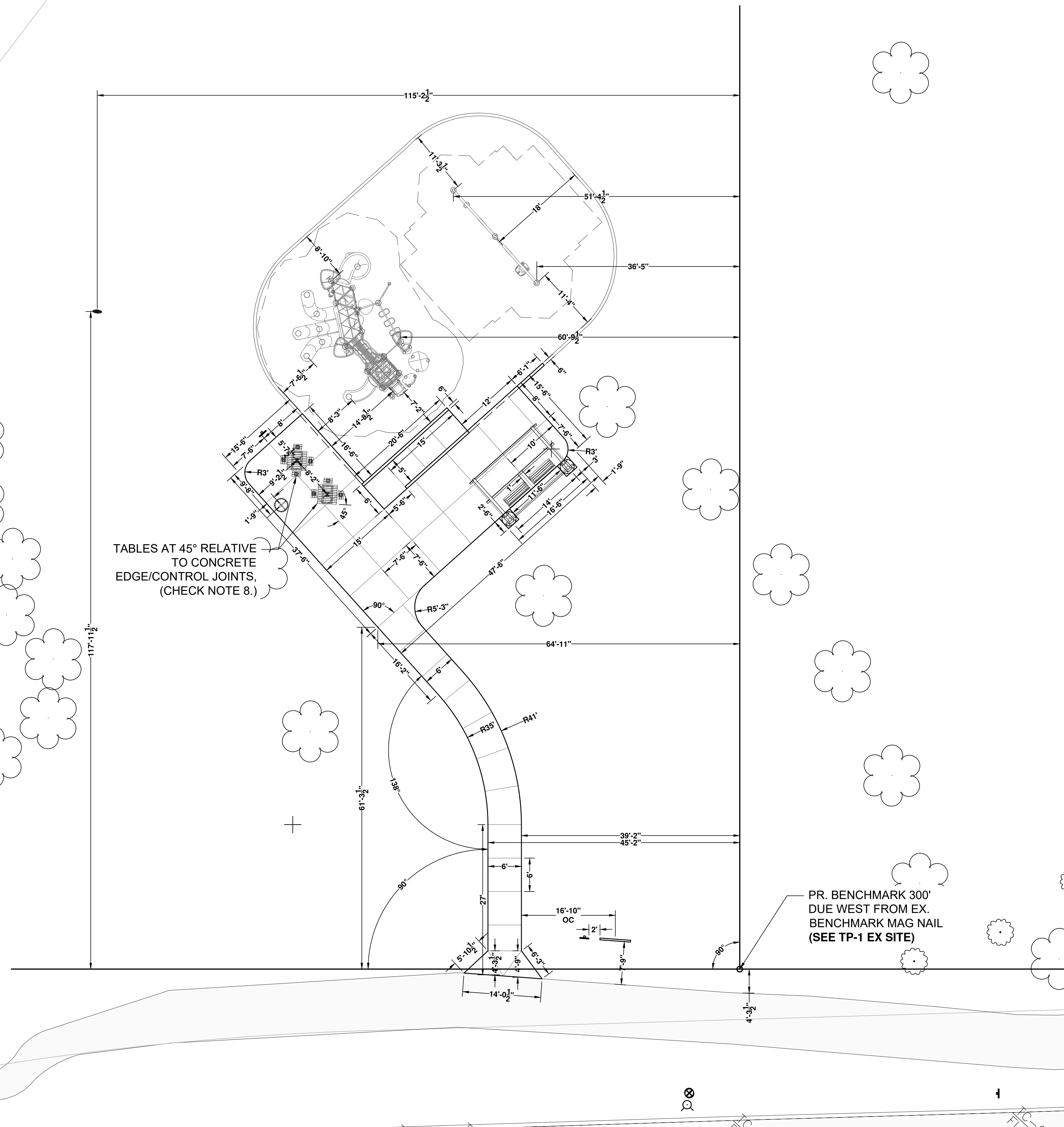
Sheet Title  
**DIMENSION  
PLAN**

Date: April 11, 2024

**HO-5**

**DIMENSION & LAYOUT NOTES**

1. DIMENSIONS ARE FROM CENTERLINE, FACE OF CURB, FACE OF WALL, CENTER OF POST, OR EDGE OF PAVEMENT.
2. ALL DIMENSIONS MUST BE FIELD VERIFIED AND ANY DISCREPANCIES REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
3. WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT, JOINT PATTERNS SHALL MATCH AND SUPERCEDE JOINT PATTERNS SHOWN ON PLANS.
4. NOTIFY THE APPROPRIATE VILLAGE AGENCIES AT LEAST 48 HOURS PRIOR TO THE START OF ANY WORK AFFECTING VILLAGE PROPERTY.
5. ALL UTILITIES SHALL BE FIELD LOCATED A MINIMUM OF 2 BUSINESS DAYS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES WITH THIS DRAWING SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
7. IF REQUESTED, LANDSCAPE ARCHITECT WILL PROVIDE TO THE CONTRACTOR AUTOCAD FILES FOR LAYOUT USE. IF THERE ARE DISCREPANCIES BETWEEN THIS SET OF PLANS AND THE ELECTRONIC FILES, THE PLAN DRAWINGS SHALL CONTROL. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
8. SITE FURNITURE TO BE FIELD LOCATED BY LANDSCAPE ARCHITECT



TABLES AT 45° RELATIVE  
TO CONCRETE  
EDGE/CONTROL JOINTS.  
(CHECK NOTE 8.)

PR. BENCHMARK 300'  
DUE WEST FROM EX.  
BENCHMARK MAG NAIL  
(SEE TP-1 EX SITE)

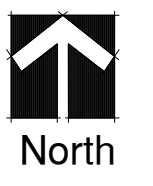


Base BID - PLANT LIST				
Qty.	Size	Tag	Botanical Name	Common Name
<b>SHADE TREE</b>				
1	3" cal	RVBR	Betula nigra	River Birch
<b>SHRUBS</b>				
2	#5	CRJN	Juniperus horizontalis	Creeping Juniper
<b>GRASS</b>				
3	#2	PNVRS'	Panicum virgatum 'Shenandoah'	Shenandoah' Switchgrass
<b>HERBACEOUS (PEREN.)</b>				
2	#2	PRCF	Echinacea purpurea	Purple coneflower

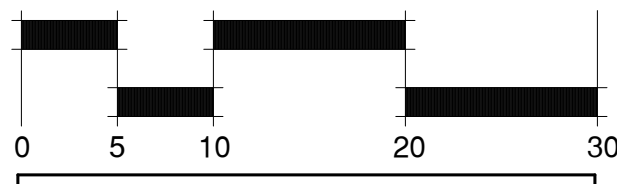
Project  
**2024 Heritage Oaks - Bid # 2031**

**Playground & Shelter Renovation**

Issues & Revisions		
#	Date	Description

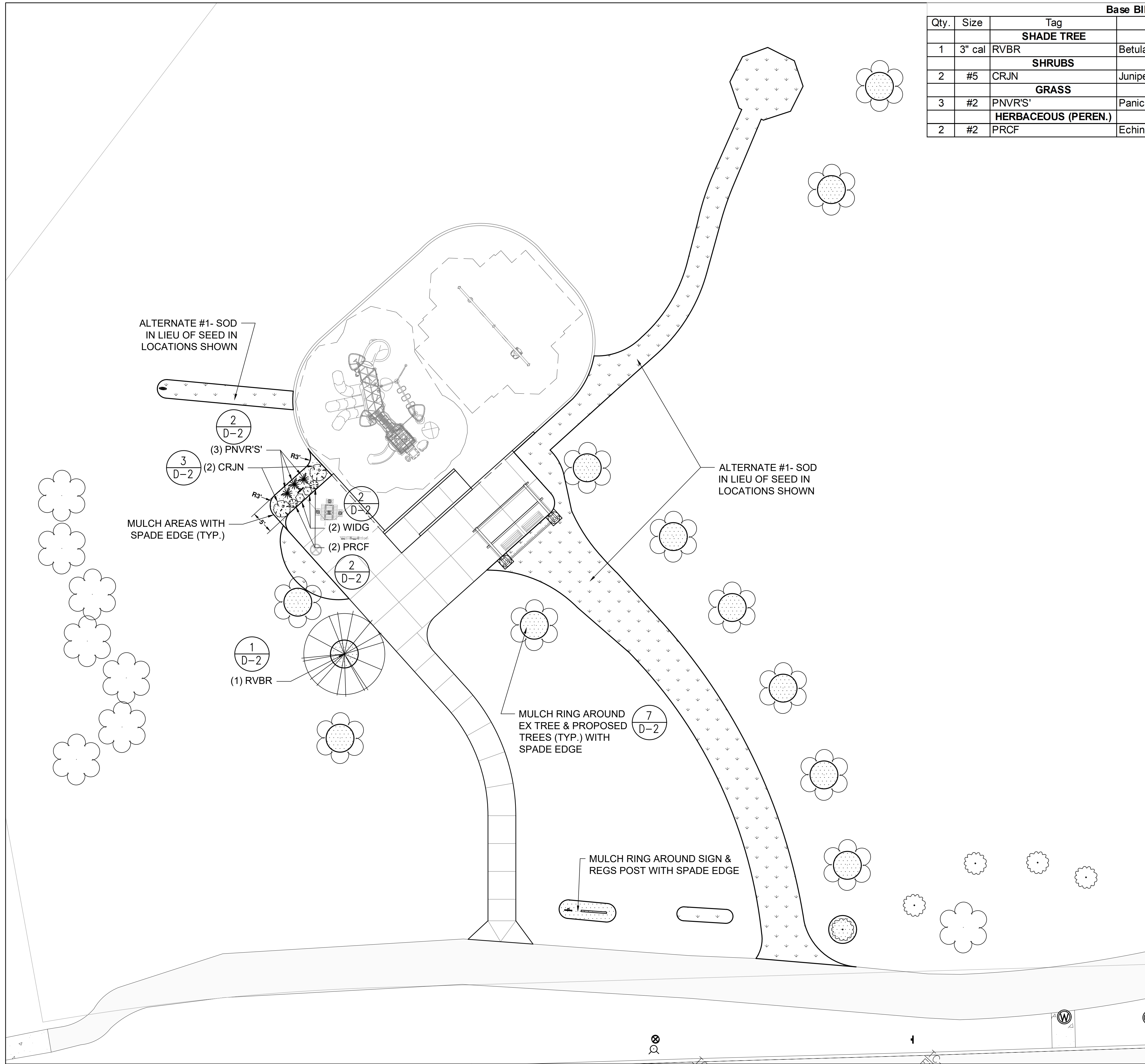


Scale: 1" = 10'



Sheet Title  
**LANDSCAPE PLAN**  
 Date: April 11, 2024

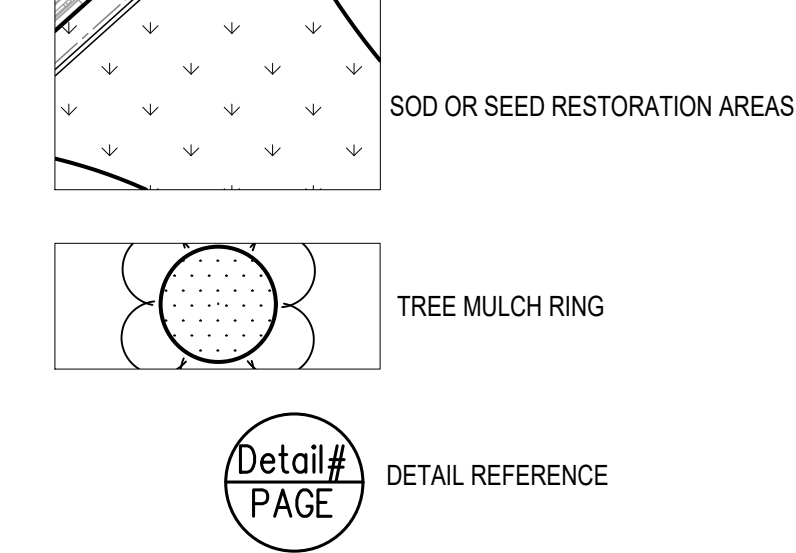
**HO-6**



**LANDSCAPE NOTES**

- ALL SOD OR SEED & MULCHING PROVIDED AND INSTALLED BY CONTRACTOR.
- NOTE THAT PLANT LIST QUANTITIES ARE FOR THE INSTALLER'S CONVENIENCE ONLY. INSTALLER SHALL VERIFY ALL QUANTITIES.
- SEED OR SOD (AS APPROVED BY OWNER) ALL LAWN AREAS DISTURBED DURING CONSTRUCTION. AREAS SHOWN ON PLAN ARE APPROXIMATE AND ANY AREAS DAMAGED DURING CONSTRUCTION MUST BE RESTORED AT NO ADDED COST TO THE OWNER.
- AREAS OF SEEDING WITH SLOPES OF 4:1 OR GREATER MUST BE COVERED WITH HYDRO-MULCH PER SPECIFICATIONS. ALL OTHER AREAS MAY BE MULCHED WITH STRAW PER SPECIFICATIONS.
- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS, DISEASE, ANY WOUNDS AND GIRDLED ROOTS. TWO WATERINGS REQUIRED UPON INSTALLATION.
- ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER BEFORE, DURING AND AFTER INSTALLATION.
- ALL EXISTING TREES AS SHOWN MUST BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO MULCHING APPLY A PRE-EMERGENT HERBICIDE (APPROVED BY OWNER) AS RECOMMENDED BY THE MANUFACTURER TO PREVENT RECURRING WEED AND GRASS GROWTH.
- ALL WORK WITHIN ANY R.O.W. SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTIONS.

**LANDSCAPE PLAN LEGEND**

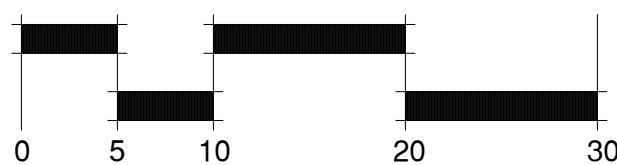




Issues & Revisions		
#	Date	Description



Scale: 1" = 10'



Sheet Title  
**EXPANDED  
LANDSCAPE  
PLAN  
ALT#2**  
Date: April 11, 2024

**HO-7**

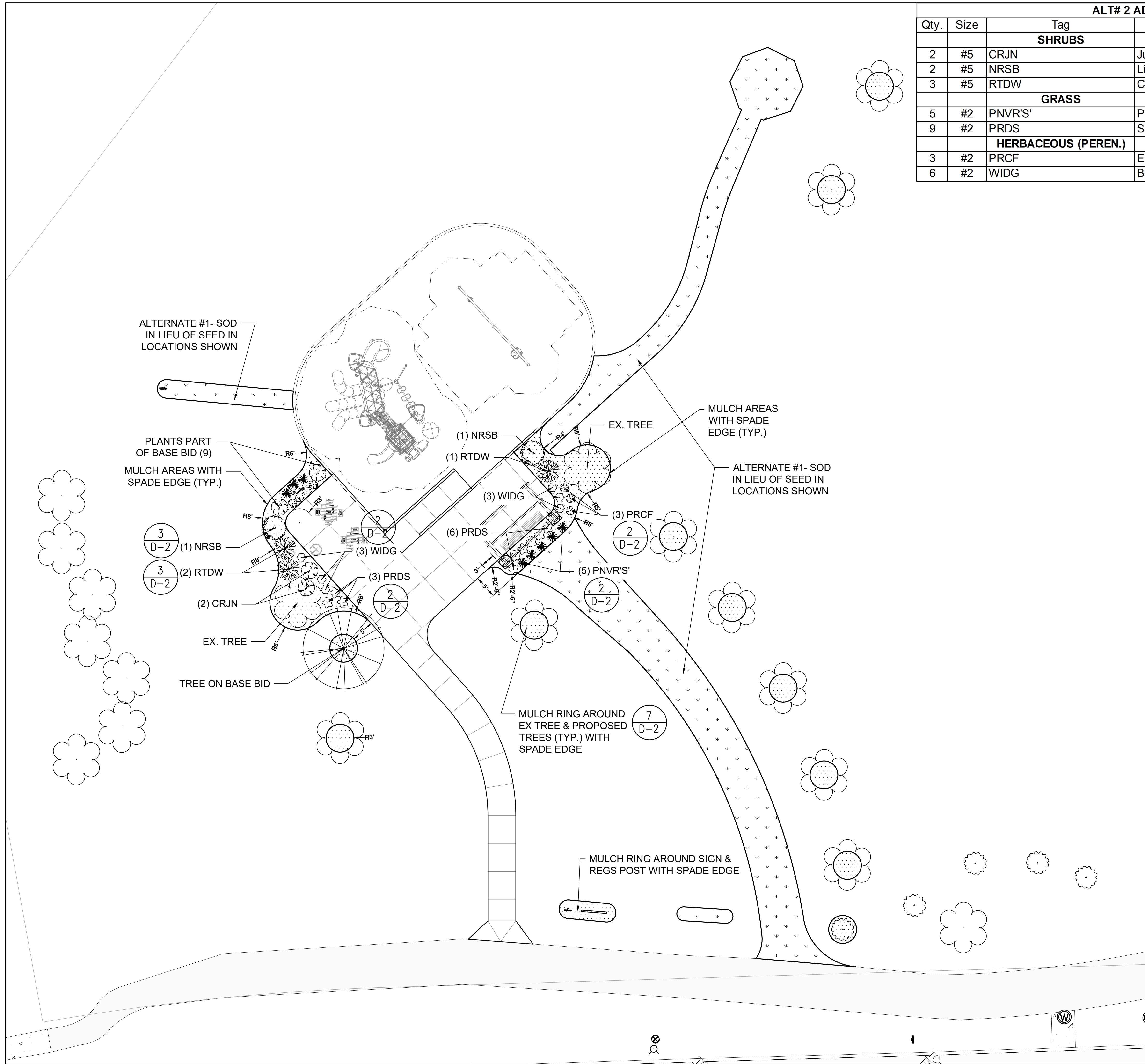
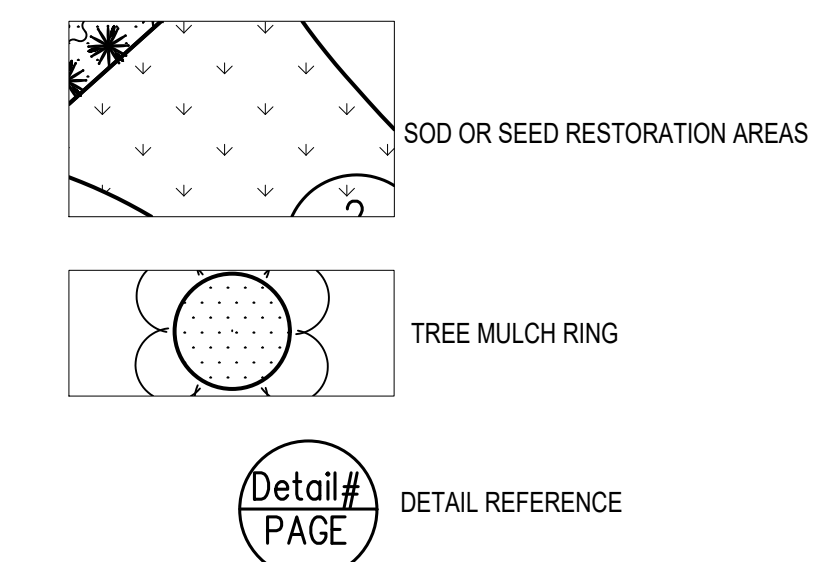
**ALT# 2 ADDITIONAL PLANT LIST**

Qty.	Size	Tag	Botanical Name	Common Name
<b>SHRUBS</b>				
2	#5	CRJN	Juniperus horizontalis	Creeping Juniper
2	#5	NRSB	Lindera benzoin	Northern Spicebush
3	#5	RTDW	Cornus sericea	Red Twig Dogwood
<b>GRASS</b>				
5	#2	PNVR'S'	Panicum virgatum 'Shenandoah'	Shenandoah' Switchgrass
9	#2	PRDS	Sporobolus heterolepis	Prairie Dropseed
<b>HERBACEOUS (PEREN.)</b>				
3	#2	PRCF	Echinacea purpurea	Purple coneflower
6	#2	WIDG	Baptisia australis	Wild indigo

**LANDSCAPE NOTES**

- ALL SOD OR SEED & MULCHING PROVIDED AND INSTALLED BY CONTRACTOR.
- NOTE THAT PLANT LIST QUANTITIES ARE FOR THE INSTALLER'S CONVENIENCE ONLY. INSTALLER SHALL VERIFY ALL QUANTITIES.
- SEED OR SOD (AS APPROVED BY OWNER) ALL LAWN AREAS DISTURBED DURING CONSTRUCTION. AREAS SHOWN ON PLAN ARE APPROXIMATE AND ANY AREAS DAMAGED DURING CONSTRUCTION MUST BE RESTORED AT NO ADDED COST TO THE OWNER.
- AREAS OF SEEDING WITH SLOPES OF 4:1 OR GREATER MUST BE COVERED WITH HYDRO-MULCH PER SPECIFICATIONS. ALL OTHER AREAS MAY BE MULCHED WITH STRAW PER SPECIFICATIONS.
- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS, DISEASE, ANY WOUNDS AND GIRDLED ROOTS. TWO WATERINGS REQUIRED UPON INSTALLATION.
- ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER BEFORE, DURING AND AFTER INSTALLATION.
- ALL EXISTING TREES AS SHOWN MUST BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO MULCHING APPLY A PRE-EMERGENT HERBICIDE (APPROVED BY OWNER) AS RECOMMENDED BY THE MANUFACTURER TO PREVENT RECURRING WEED AND GRASS GROWTH.
- ALL WORK WITHIN ANY R.O.W. SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTIONS.

**LANDSCAPE PLAN LEGEND**



Issues & Revisions		
#	Date	Description

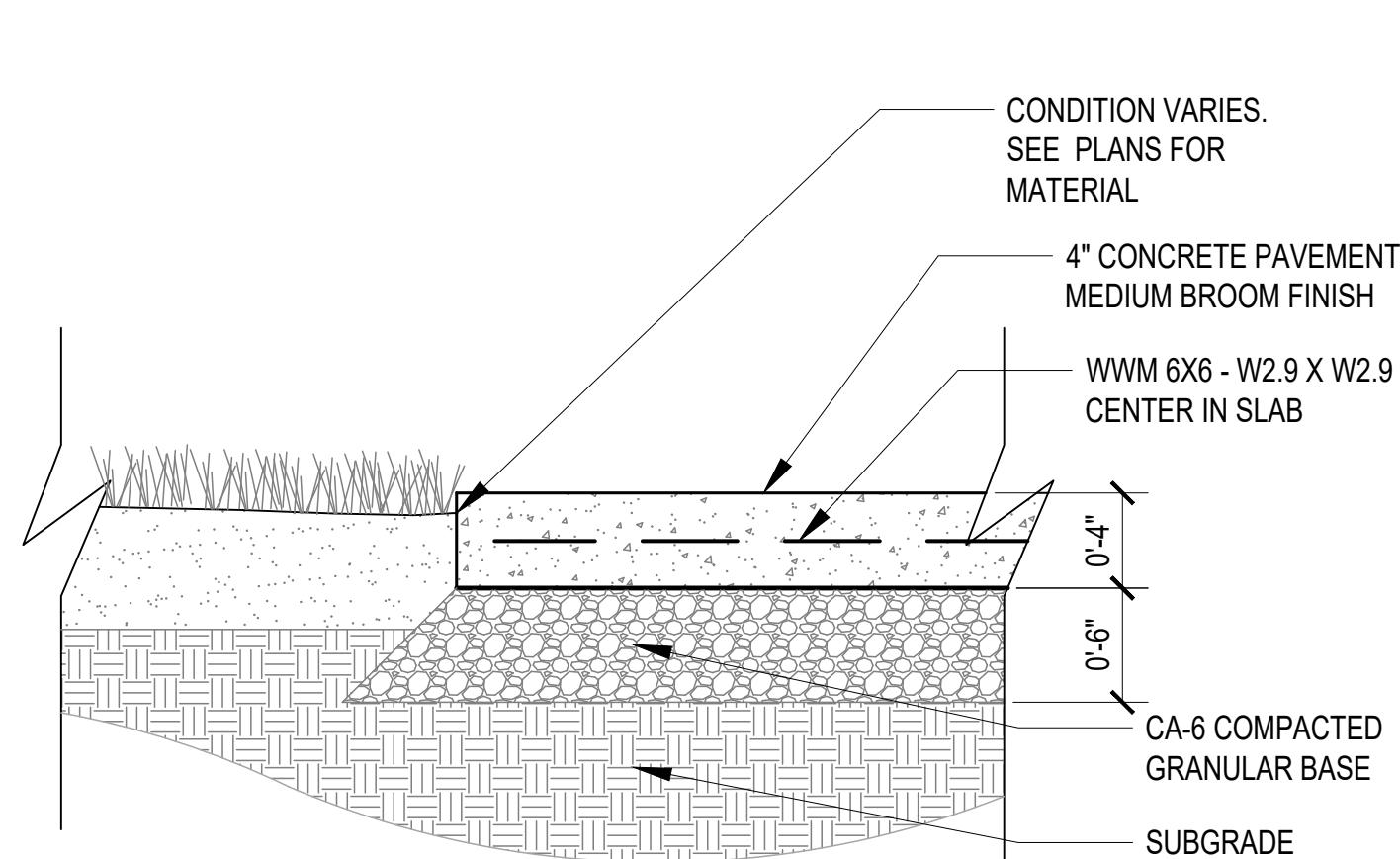


Scale:  
AS NOTED

Sheet Title  
**CONSTRUCTION  
DETAILS**

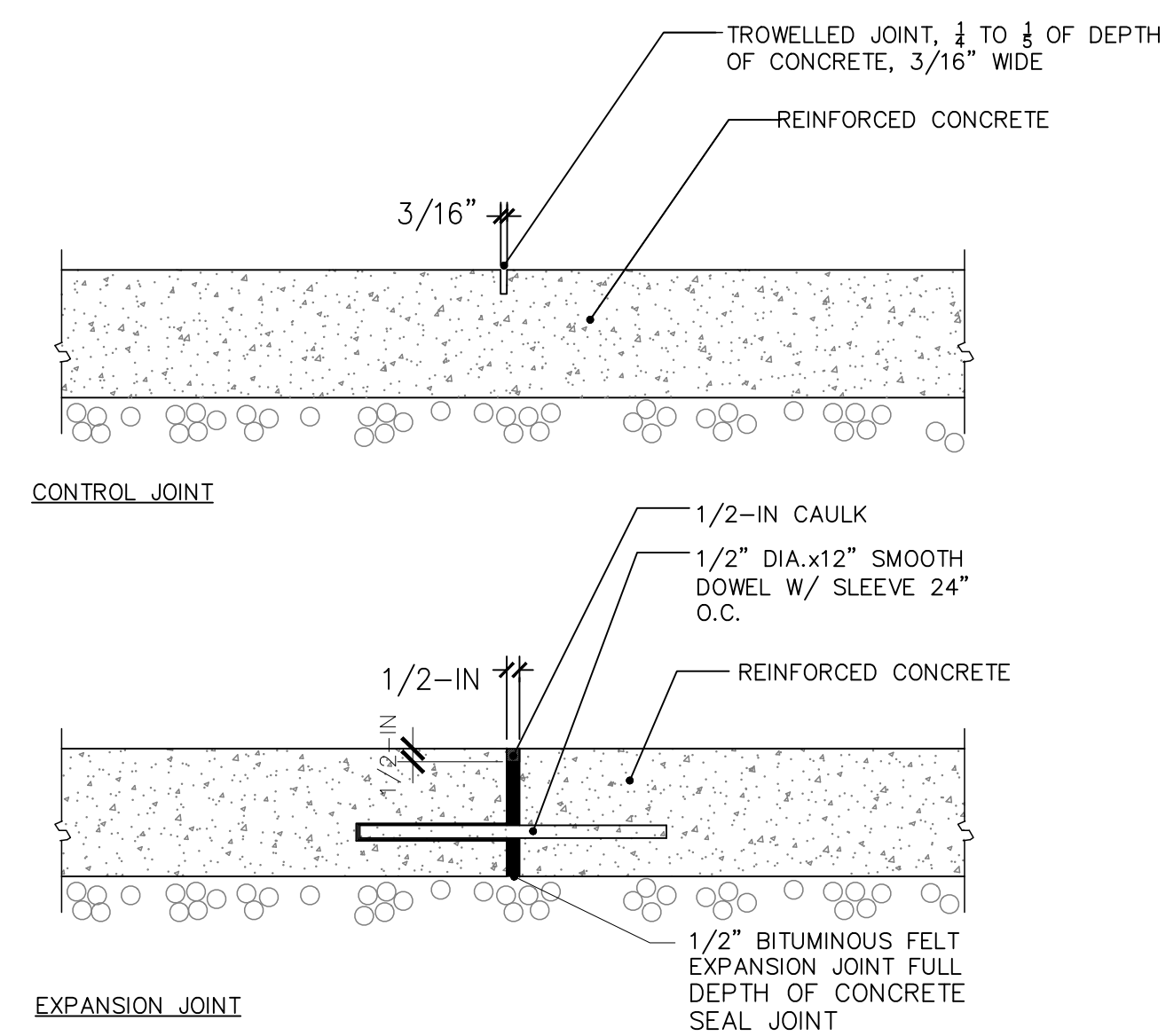
Date: April 11, 2024

**D-1**

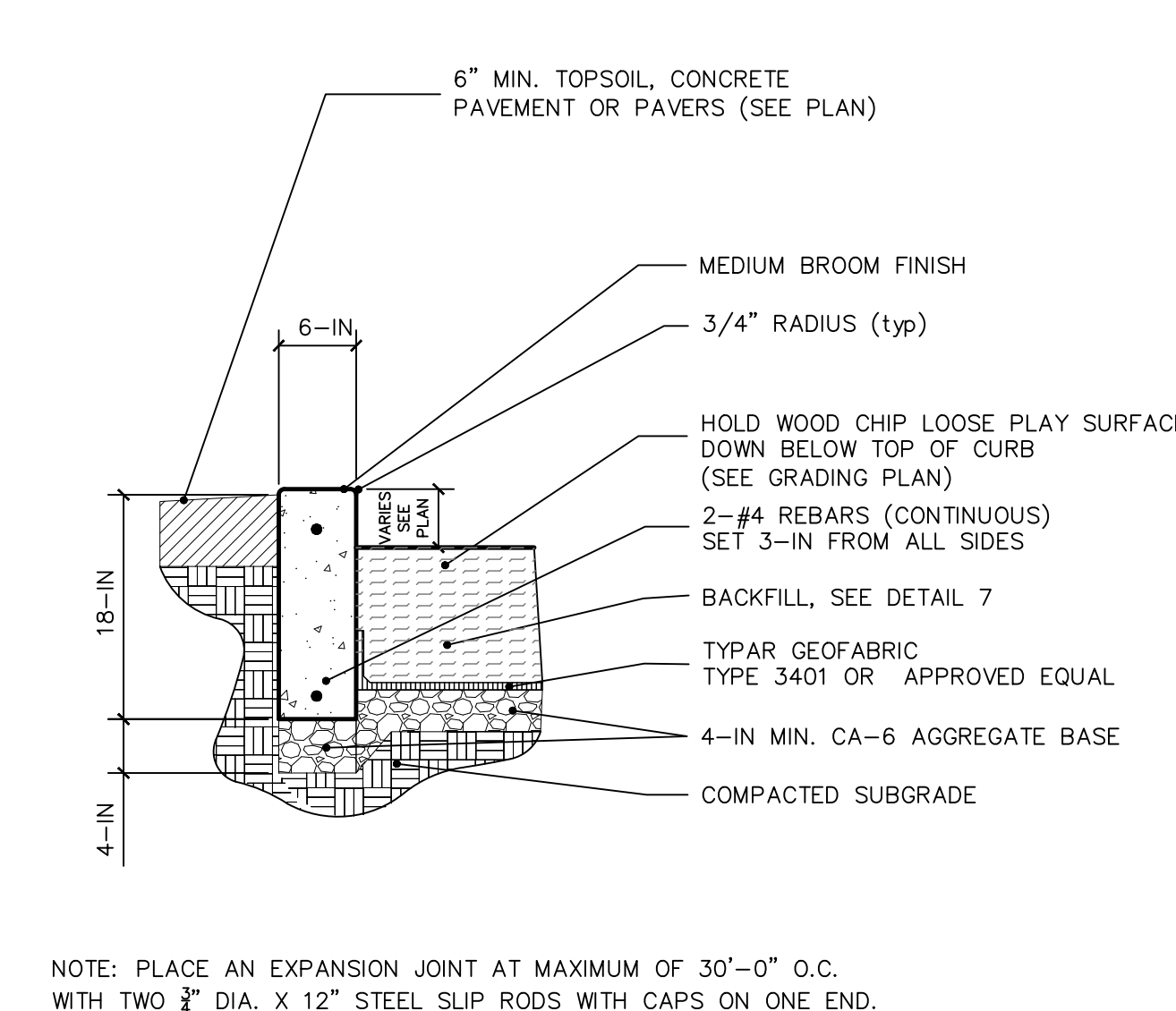


- NOTES:
- SEE DETAIL 2 THIS SHEET FOR JOINTS.
  - SEE SHEET HM-3 FOR PLACEMENT OF JOINTS.
  - HOLD SEED/LANDSCAPE 1/2" BELOW FINISH GRADE OF CONCRETE WHEN CONDITION OCCURS.

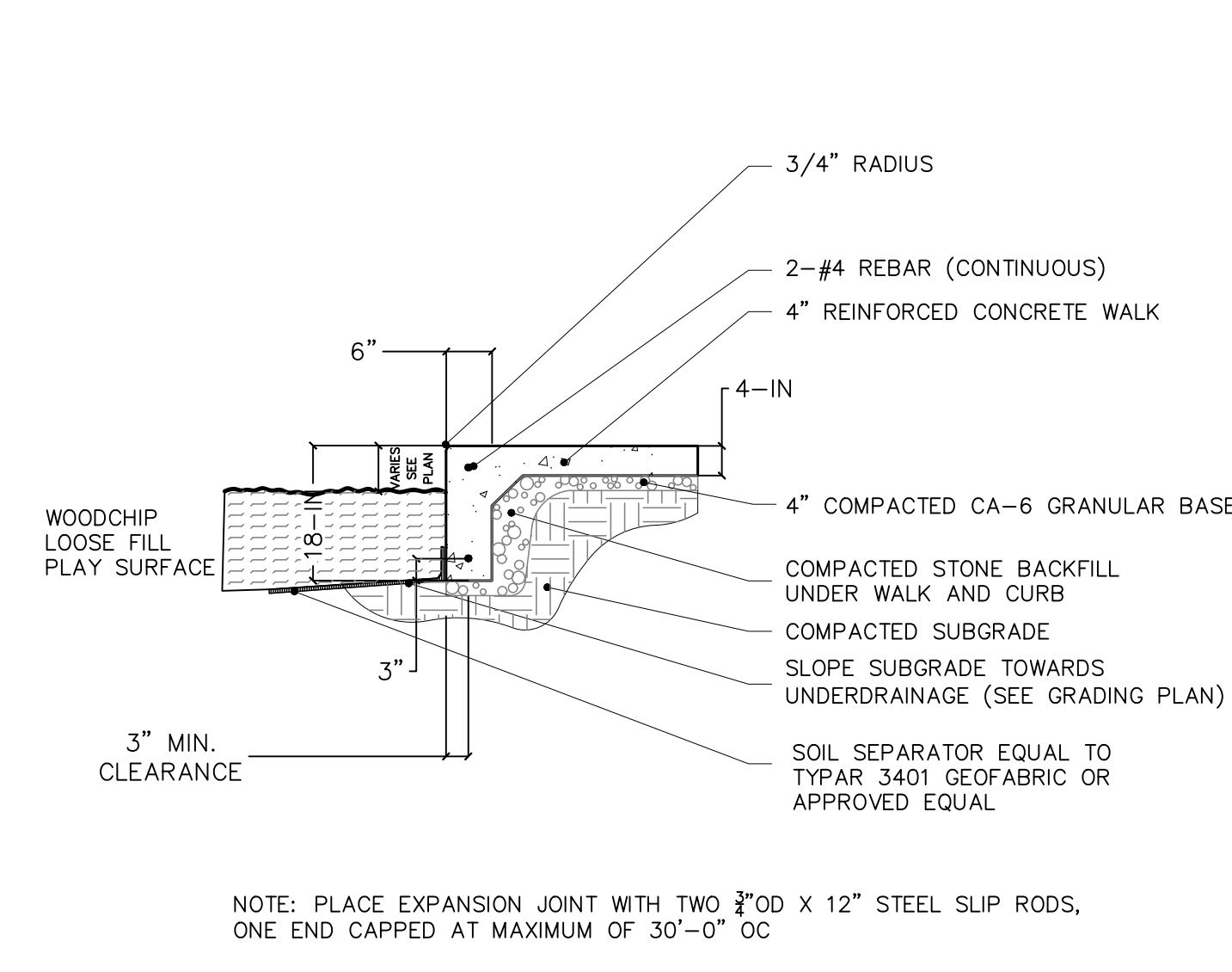
**1 4" REINFORCED CONCRETE WALK**  
NOT TO SCALE



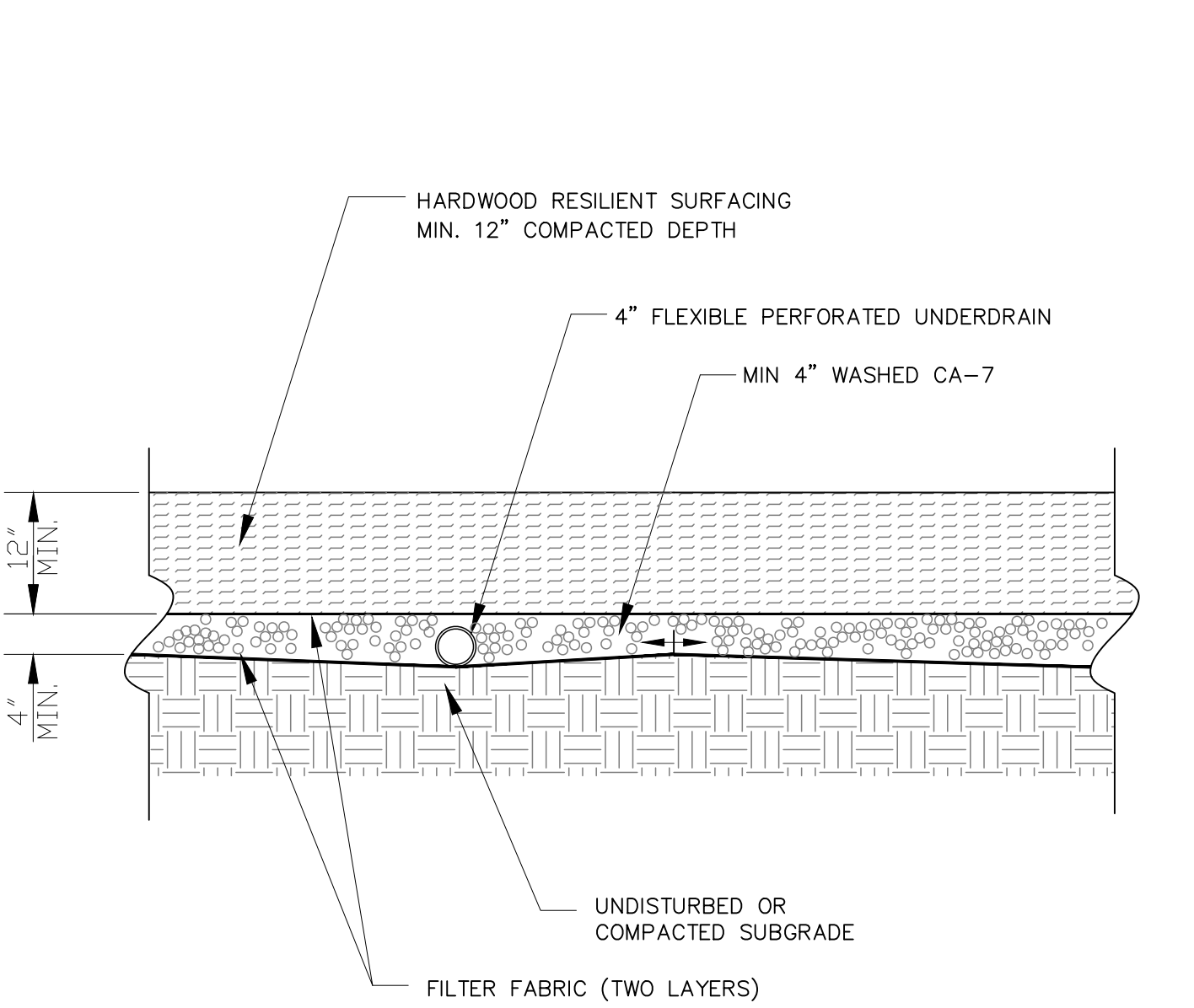
**2 CONTROL / EXPANSION JOINT**  
NOT TO SCALE



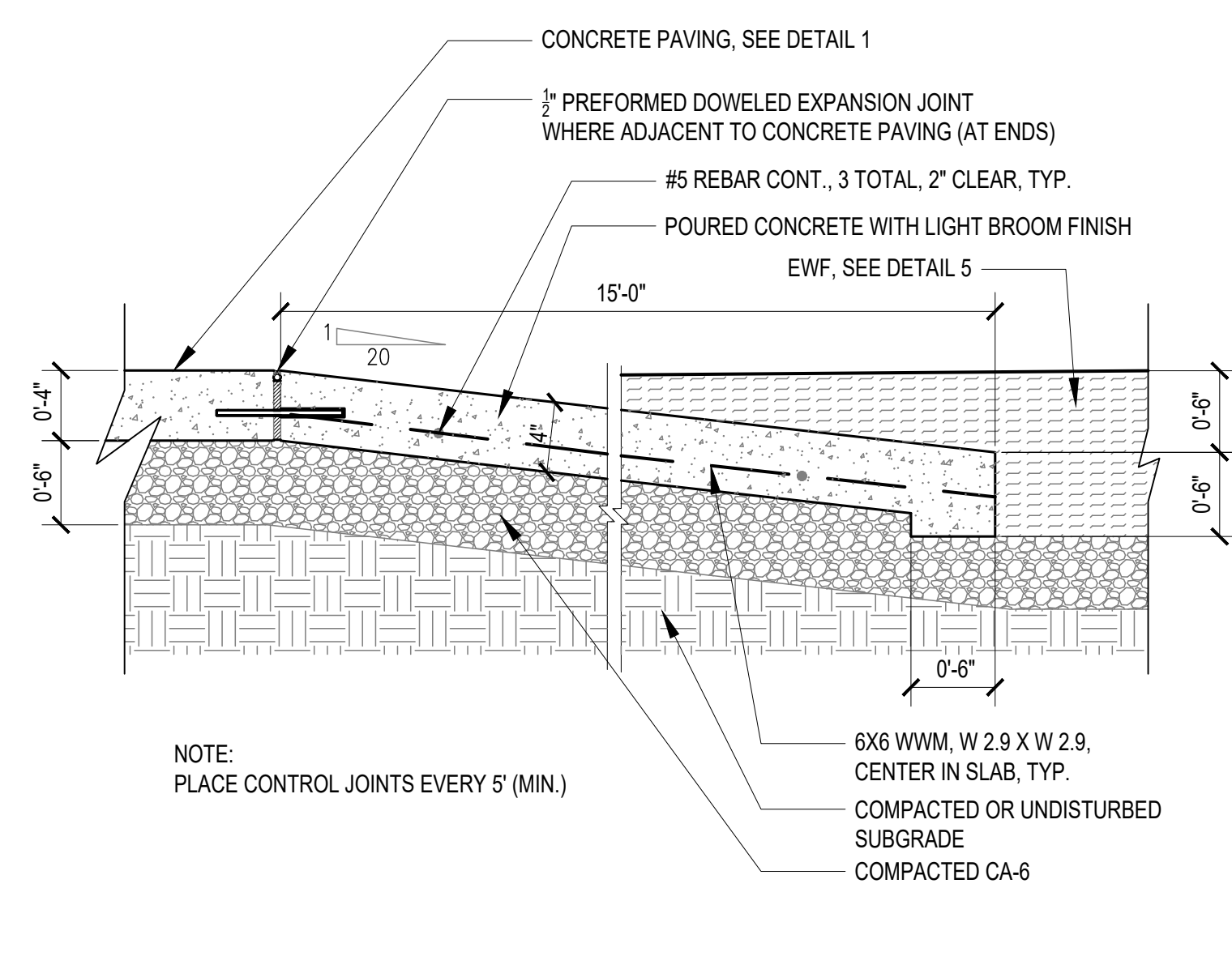
**3 6 X 18 CONCRETE CURB**  
NOT TO SCALE



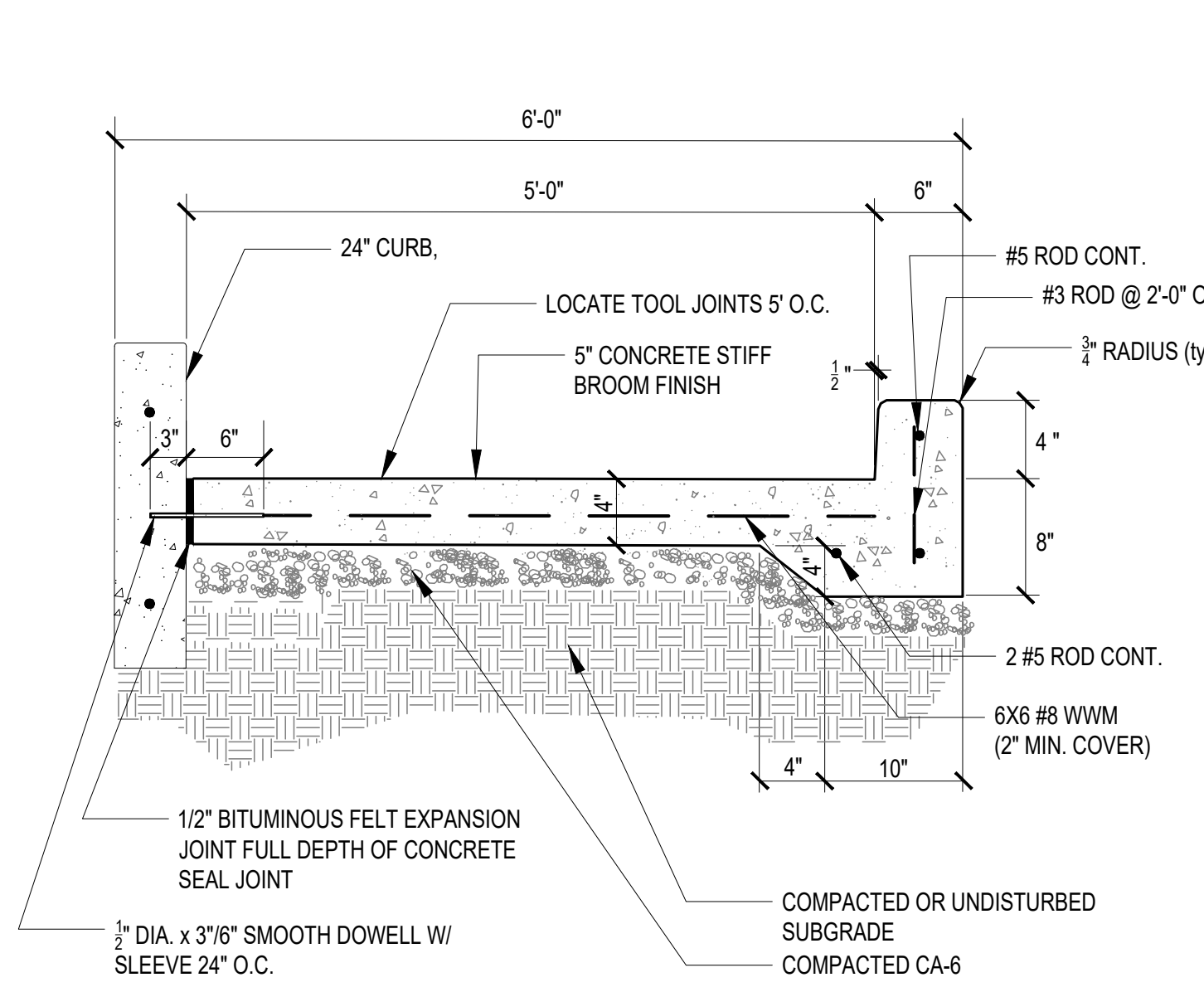
**4 THICKENED CURB EDGE (WALK/RAMP ACCESS)**  
NOT TO SCALE



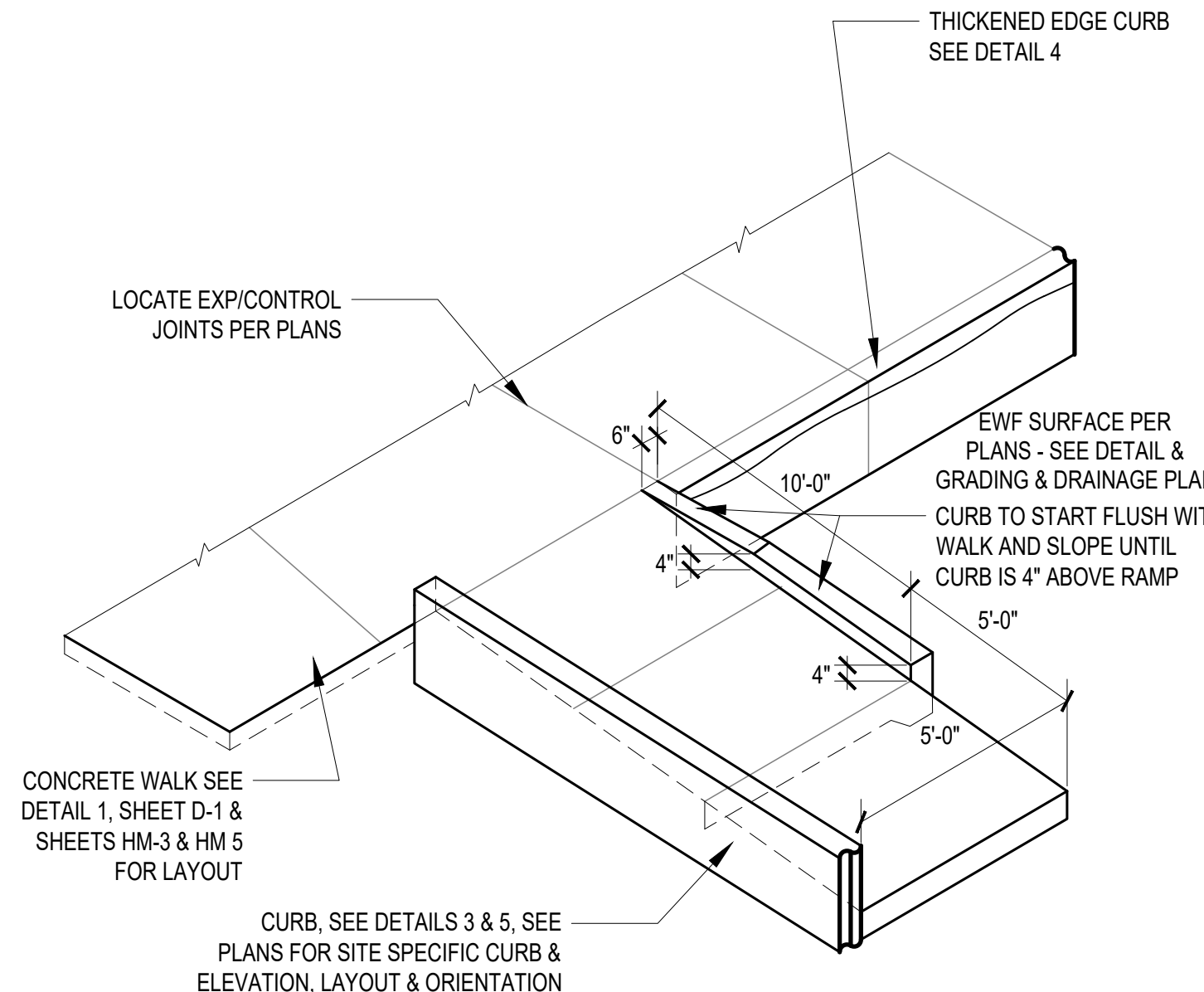
**5 ENGINEERED WOOD FIBER WITH DRAINAGE**  
NOT TO SCALE



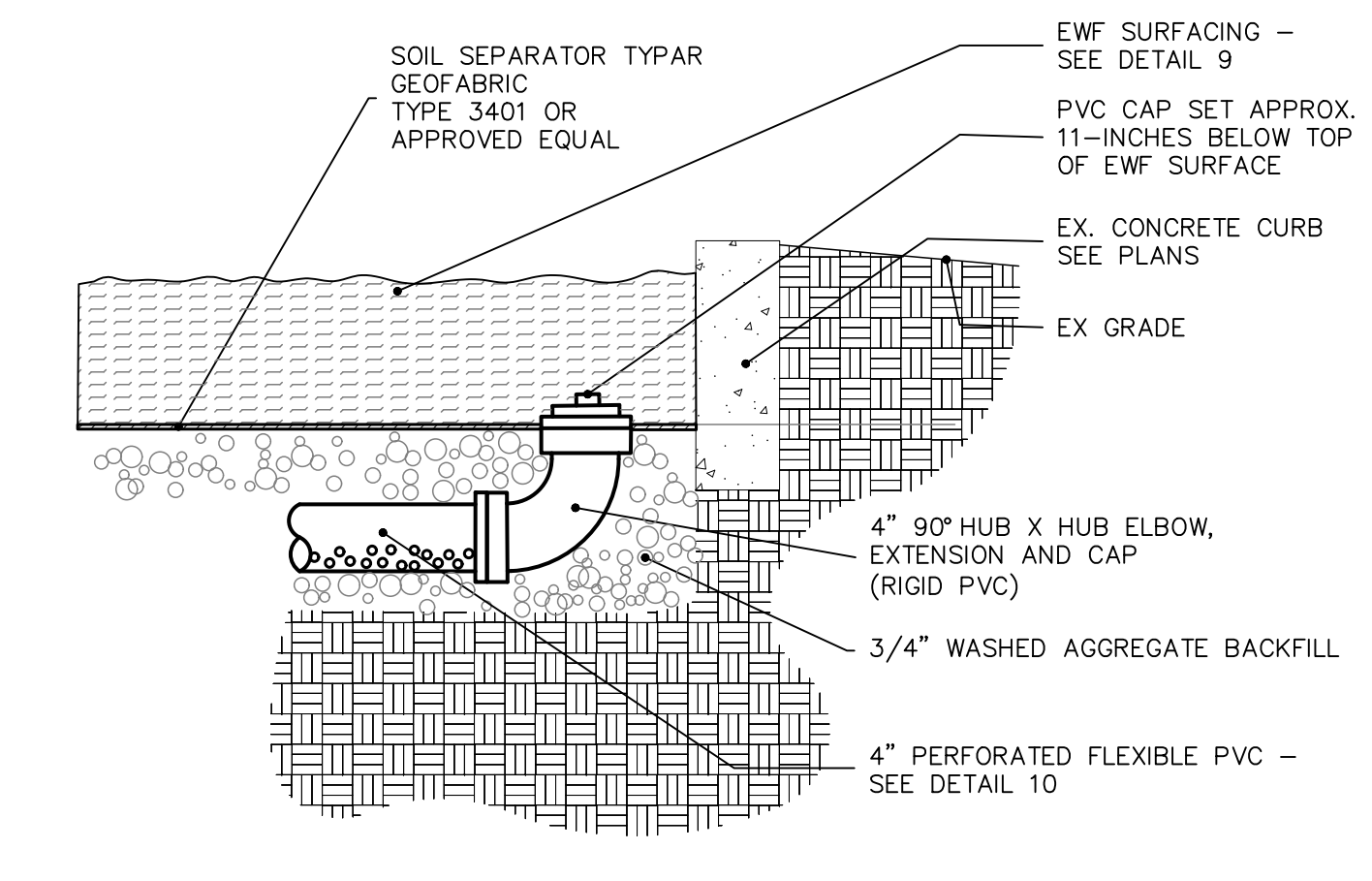
**6 CONCRETE ACCESS RAMP-RUNNING SECTION**  
NOT TO SCALE



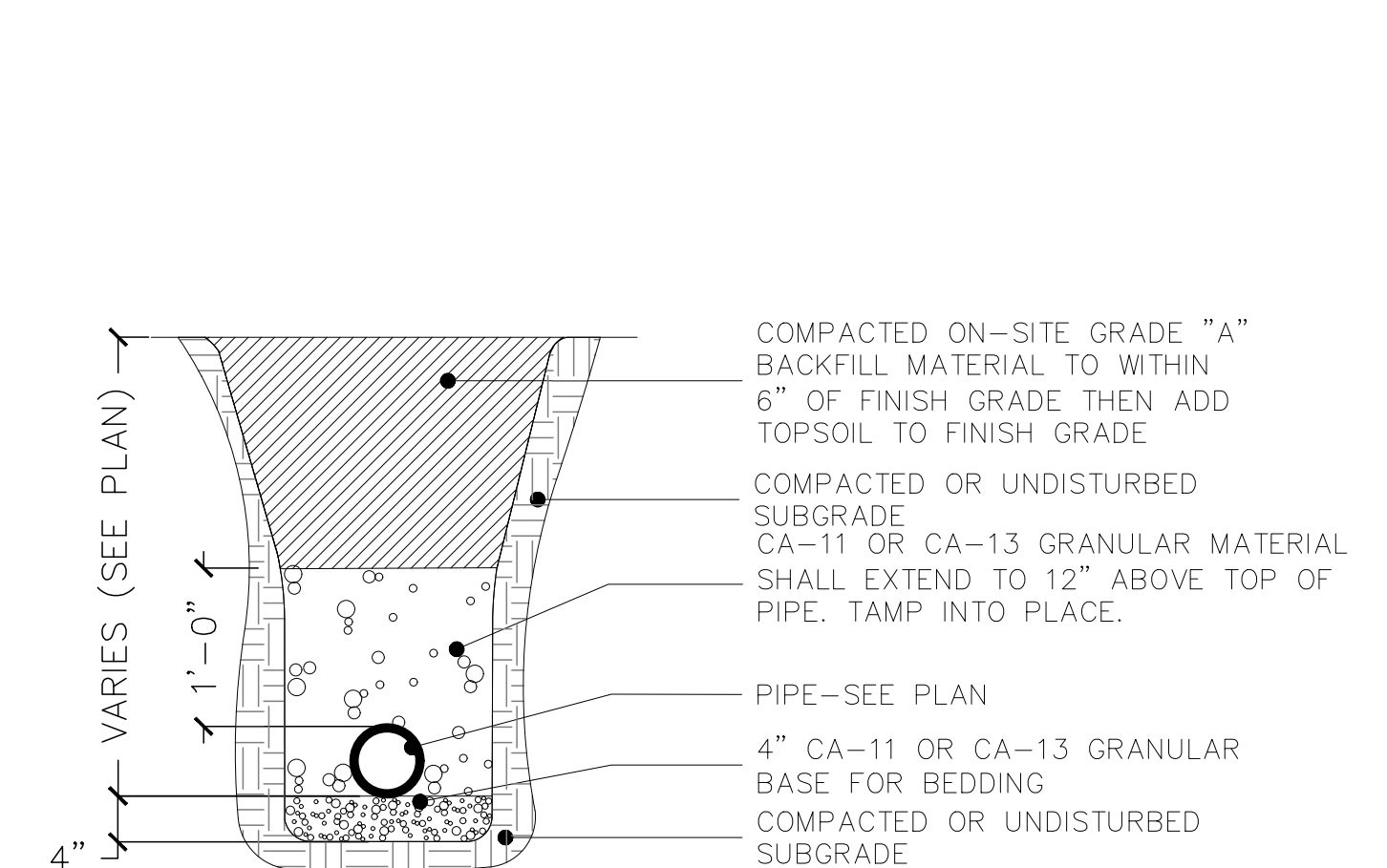
**7 CONCRETE ACCESS RAMP-CROSS SECTION**  
NOT TO SCALE



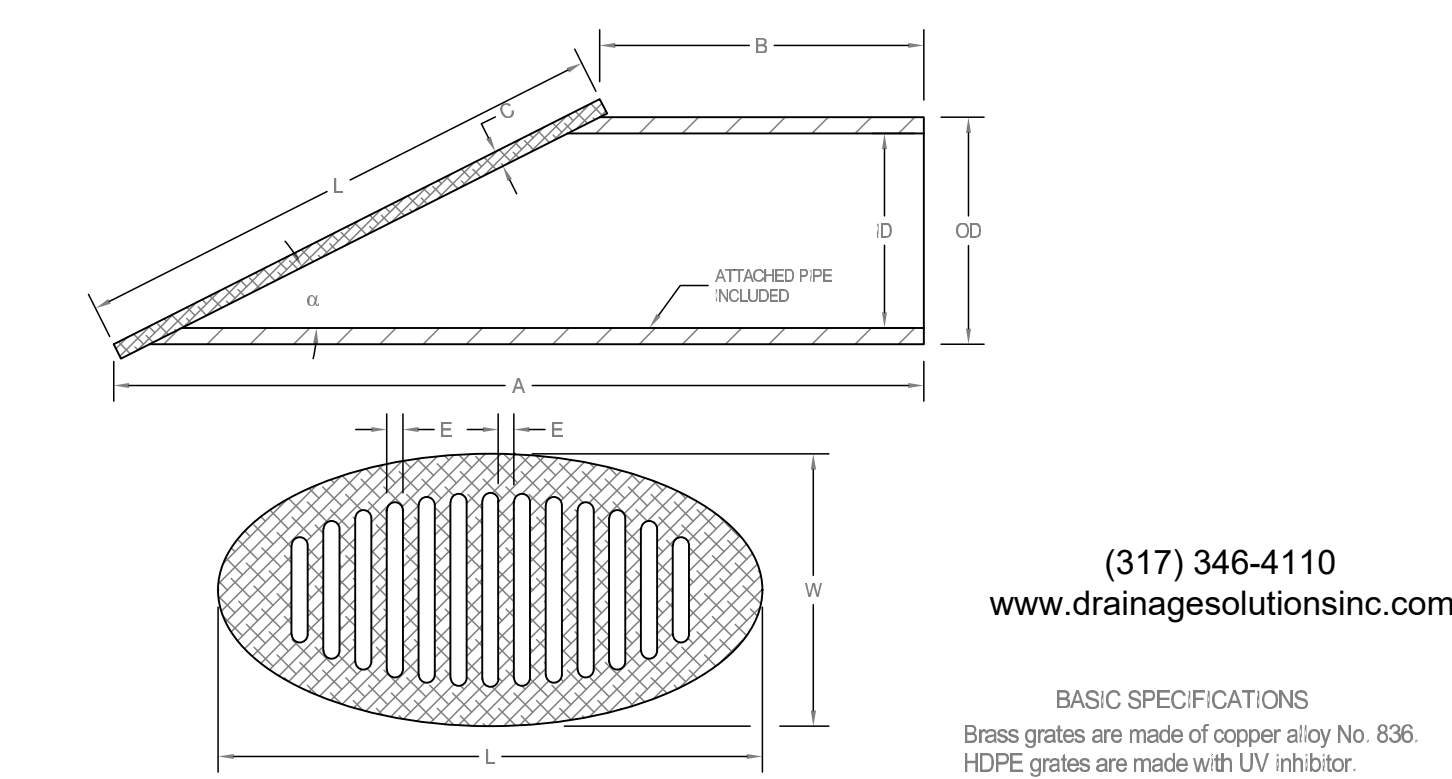
**8 CONCRETE ACCESS RAMP-ISO DIAGRAM**  
NOT TO SCALE



**9 CLEANOUT IN EWF SURFACING**  
NOT TO SCALE



**10 STORM SEWER TRENCH: LANDSCAPE AREAS**  
NOT TO SCALE



Mitered Drain<sup>®</sup> (pat. pending)  
**DIMENSION TABLE \***

PIPE SIZE	SLOPE	MODEL NO.	GRATE MATERIAL	ATTACHED MITERED PIPE MATERIAL	A (in)	B (in)	C (in)	D (in)	OD (in)	E (in)	L (in)	W (in)	α	APPROX WEIGHT (lbs)	AREA OF GRATE OPENING (sq ft)
6"	3:1	6MD3P	GRAY HDPE	C900-CL 200	30	8	0.75	5.85	6.9	0.50	22.4	7.5	18.5°	13	41.9

\* ALL DIMENSIONS ARE IN INCHES AND ALL WEIGHTS ARE IN POUNDS, AND MAY VARY.

Issues & Revisions		
#	Date	Description

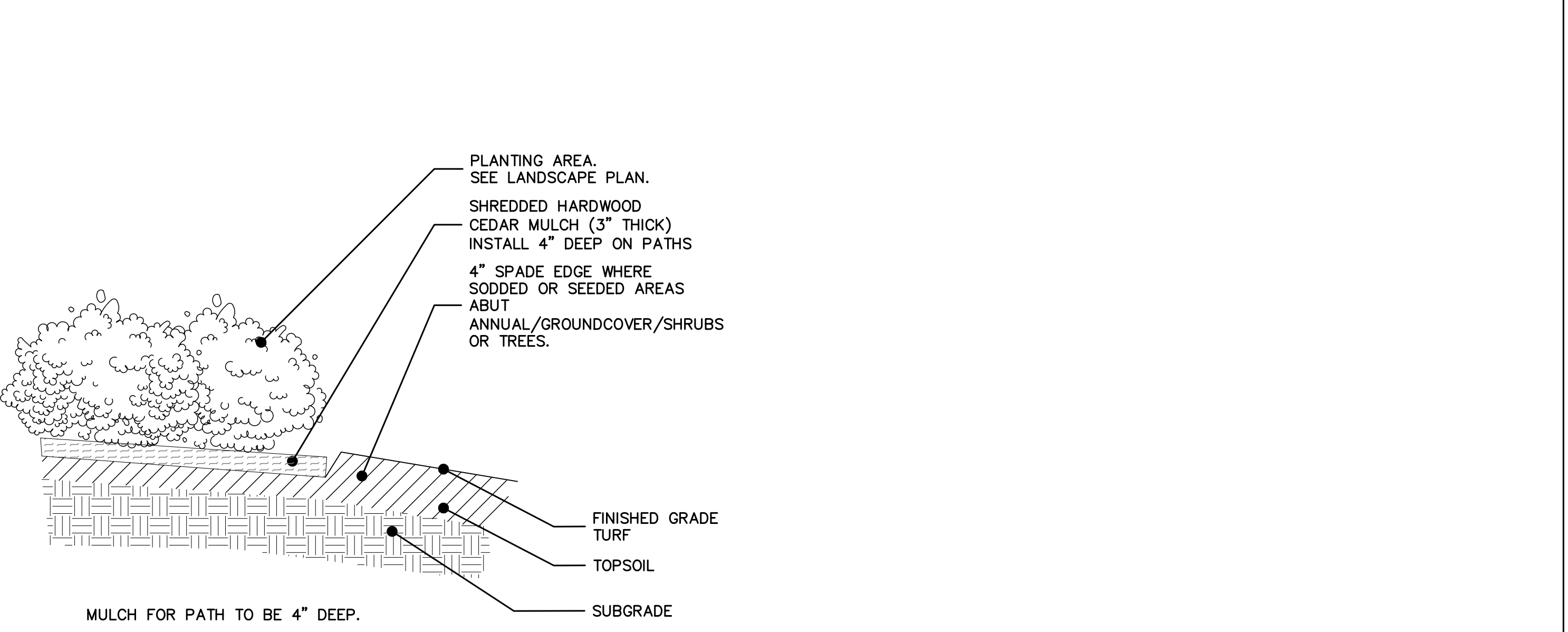
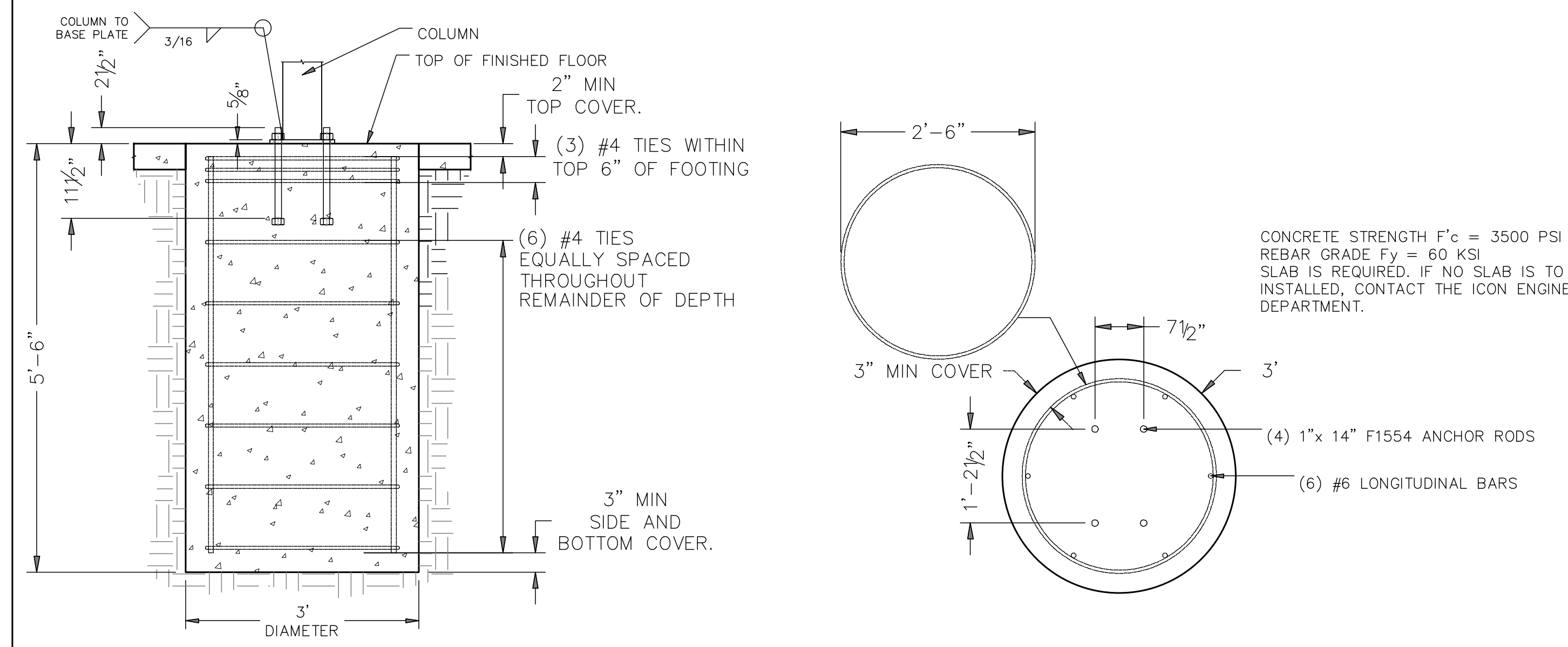
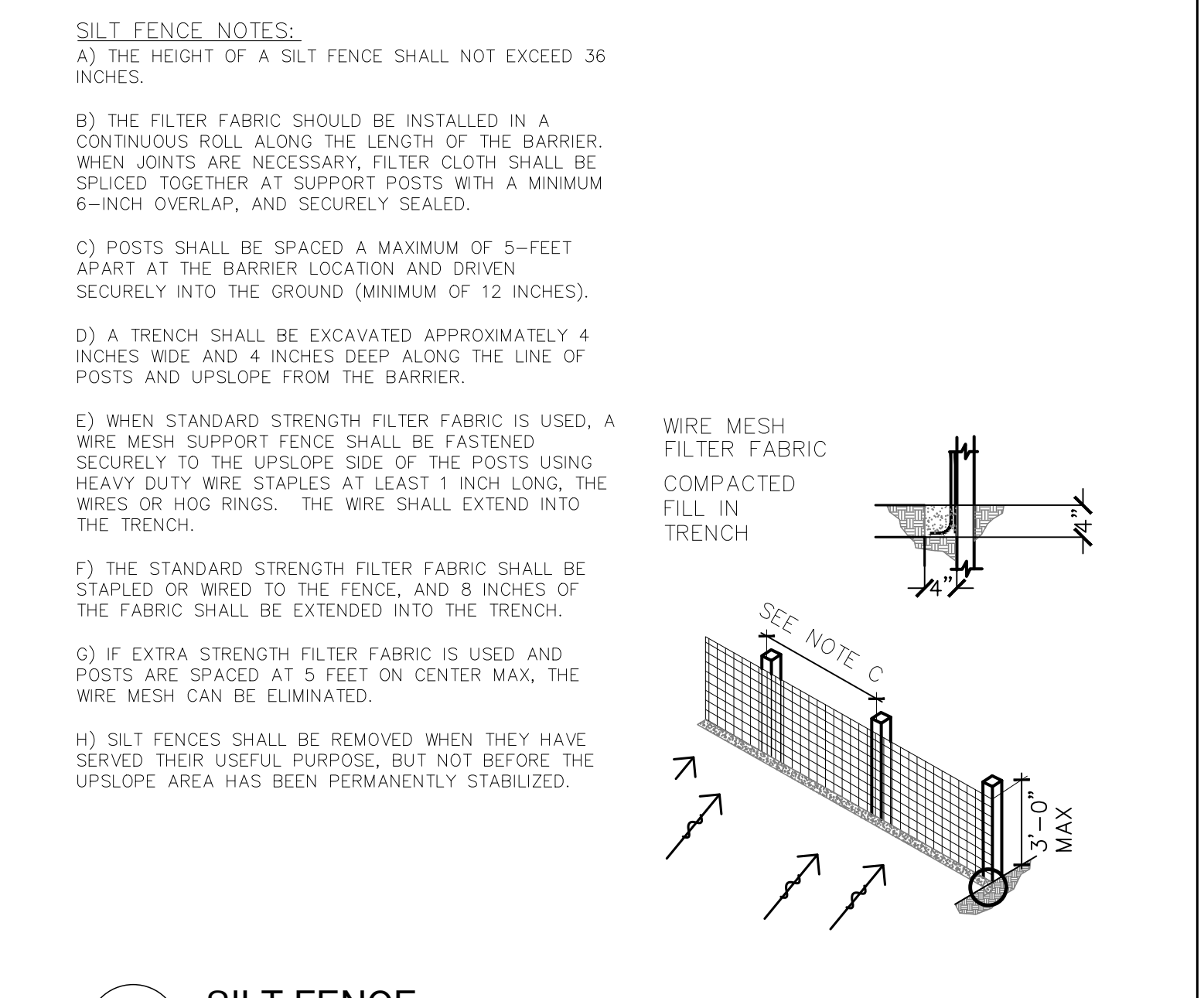
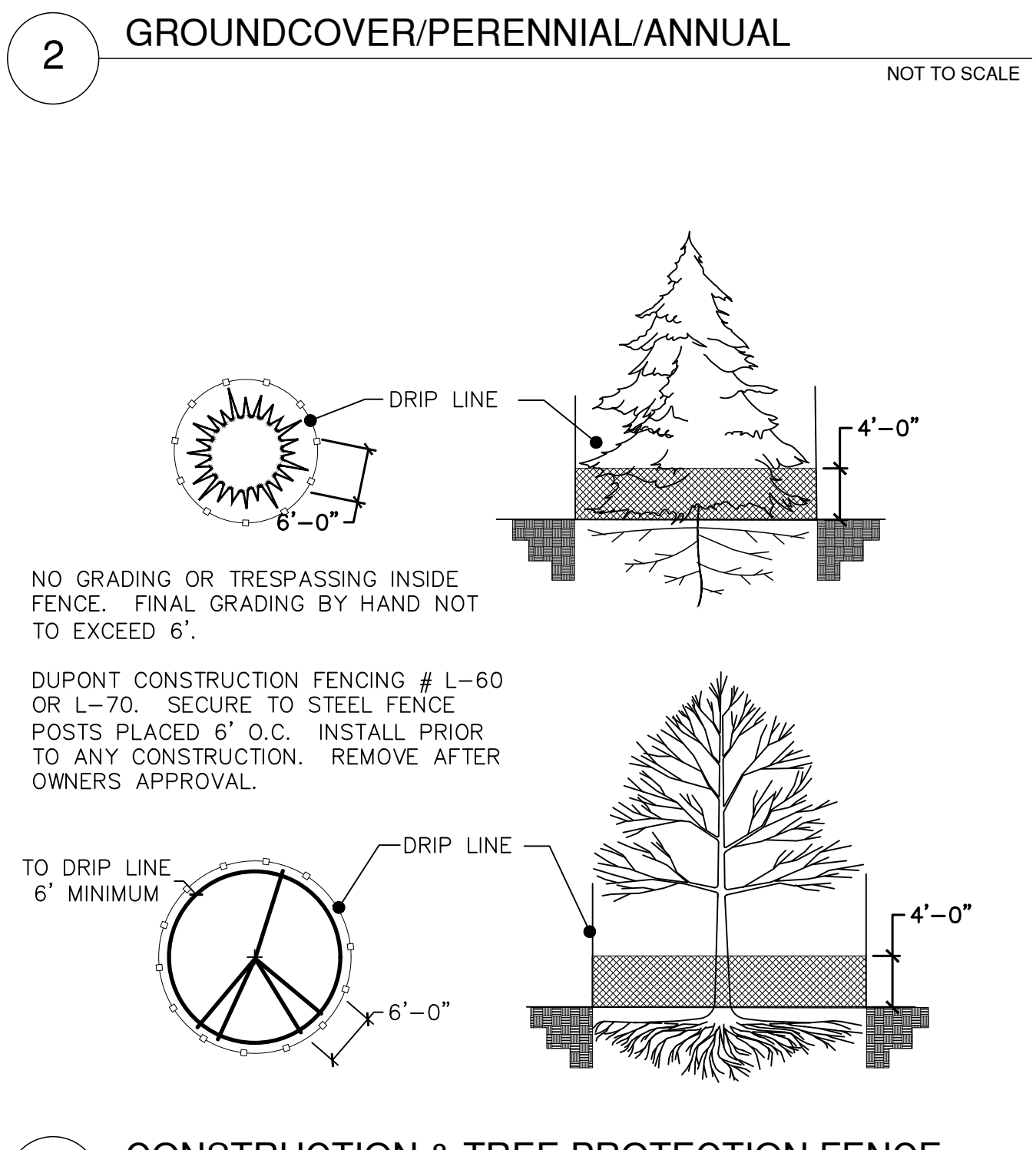
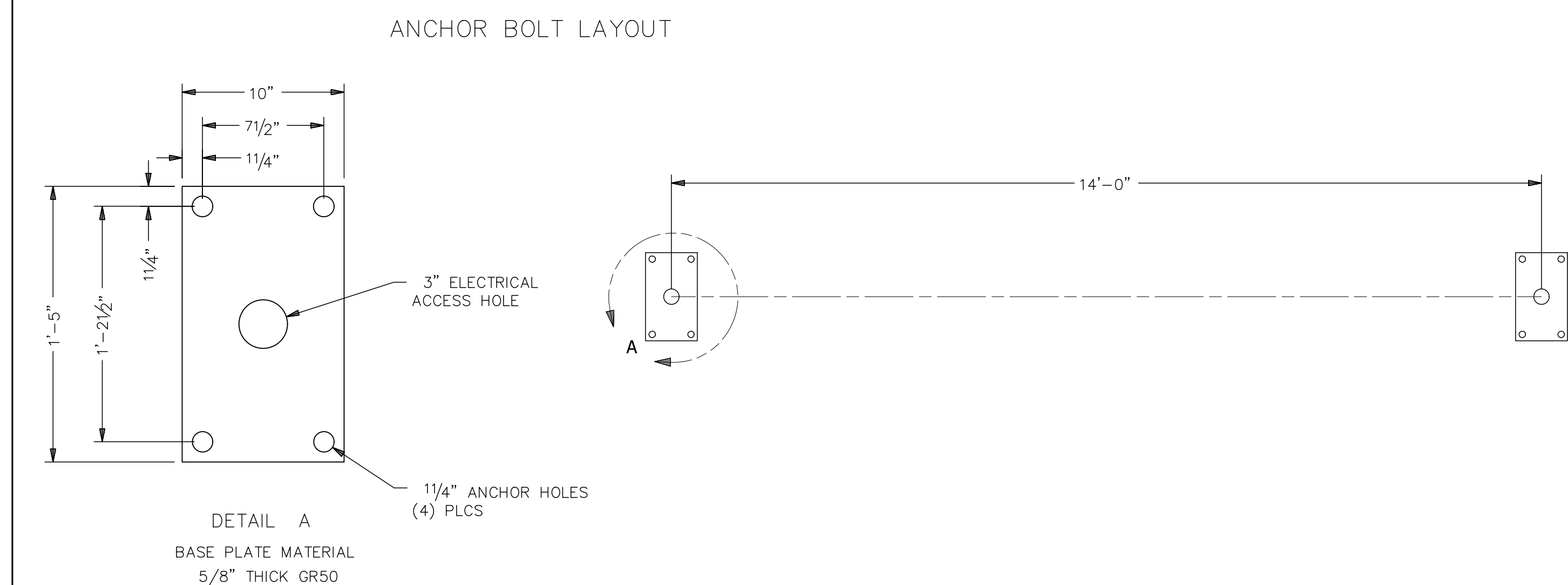
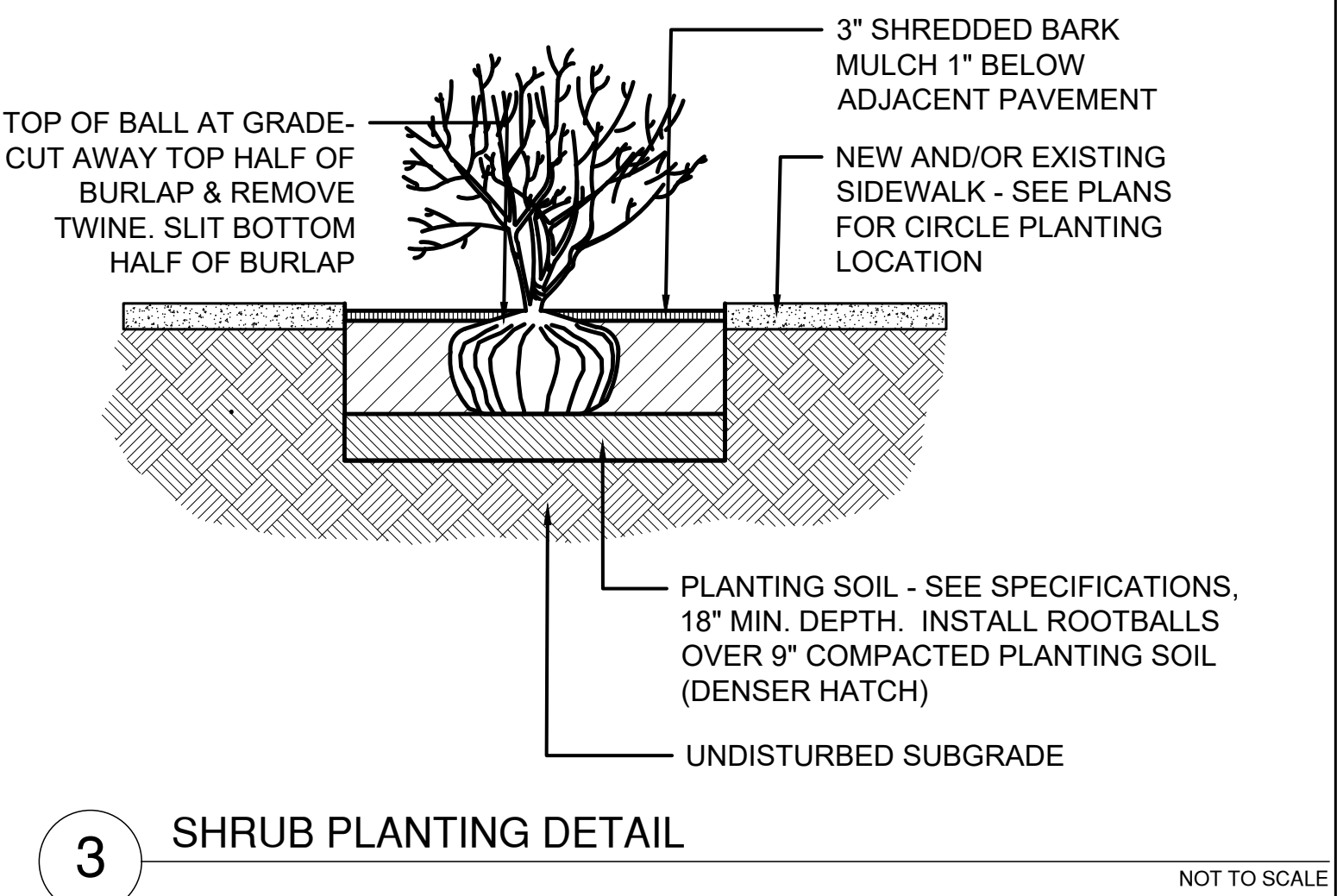
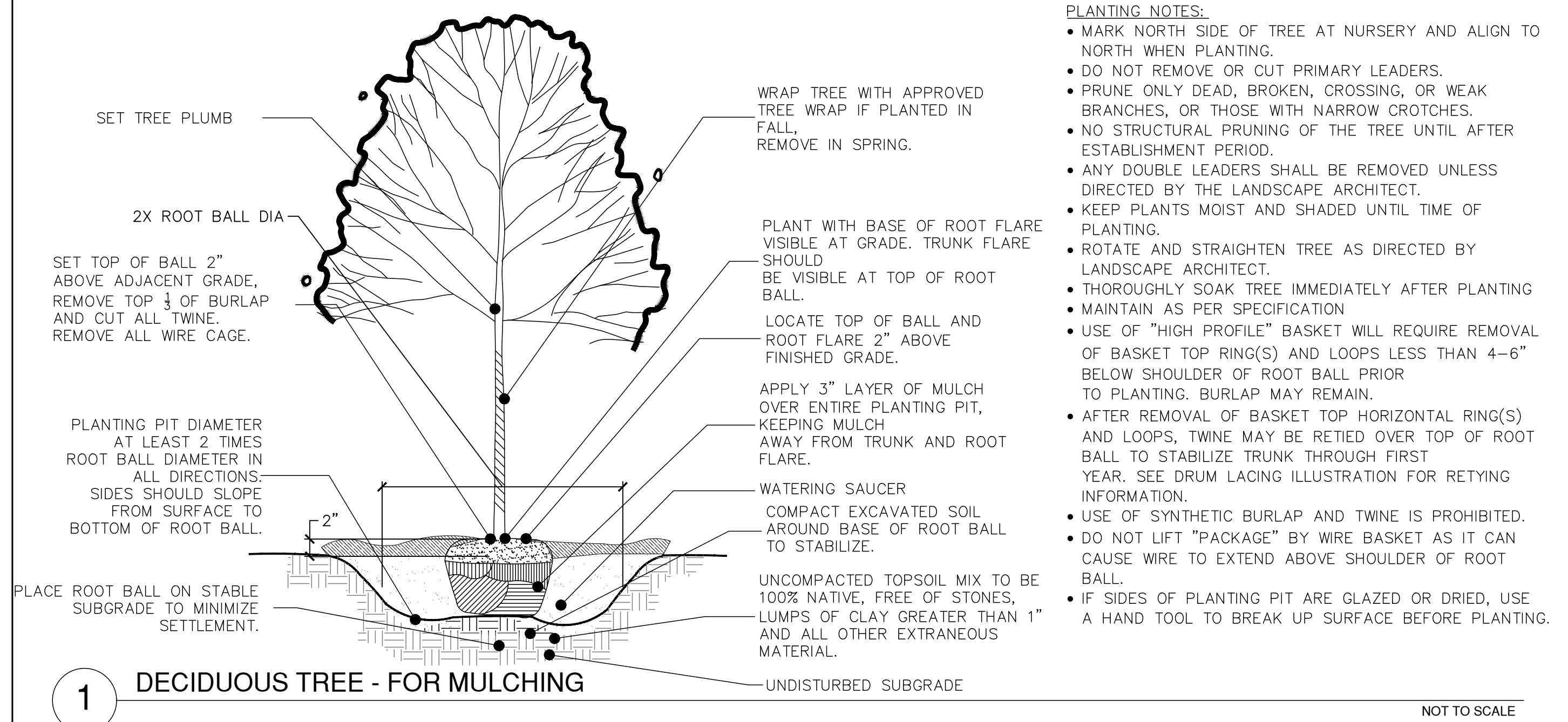


Scale:  
**AS NOTED**

Sheet Title  
**SITE PREPARATION & LANDSCAPE DETAILS**

Date: April 11, 2024

**D-2**



NOTE: THE FINAL FOOTING DESIGN WILL BE PROVIDED BY ICON WITH THE SHOP DRAWINGS