



Invitation for Bid
Labor and Materials
Wednesday, February 23, 2022

2022 Moraine Park Path Improvements

Site Location:
Moraine Park
2501 Sheridan Road
Highland Park, IL 60035

MANDATORY PRE-BID MEETING:
Monday, February 28, 2022, 1:00pm
2501 Sheridan Road
Highland Park, IL 60035

BID OPENING:
Wednesday, March 9, 2022, 2:30pm
636 Ridge Road
Highland Park, IL 60035

Jeff Smith
Park District of Highland Park
636 Ridge Road
Highland Park, IL 60035

Park District of Highland Park
2022 Moraine Park Path Improvements

TABLE OF CONTENTS

ADVERTISEMENT FOR BID	3
INVITATION FOR BID.....	4
INSTRUCTIONS TO BIDDERS	6
GENERAL TERMS.....	10
ACKNOWLEDGEMENT OF DOCUMENTS	20
BID FORM	21
REFERENCES	24
CONTRACTOR PROFILE AND QUALIFICATIONS	25
CONTRACTOR’S CERTIFICATION OF ELIGIBILITY	27
SAMPLE CONTRACT	28
SCOPE OF WORK.....	34
DRAWINGS	335

Park District of Highland Park
2022 Moraine Park Path Improvements

ADVERTISEMENT FOR BID

The Park District of Highland Park is accepting sealed bids for the 2022 Moraine Park Path Improvements. Questions regarding this bid should be directed to Jeff Smith at 847.579.3109 or jsmith@pdhp.org.

The bid packet, specifications and plans are available on our website at <http://www.pdhp.org/bids-rfps/>. Please note that if you intend to submit a bid for this project, then it is your responsibility to register with Jeff Smith via jsmith@pdhp.org or 847.579.3109. This will identify that you have downloaded the bid documents, and you will then be considered a registered plan holder. Sealed bids for these items will be received no later than 2:30pm on Wednesday, March 9, 2022, at which time they will be publicly opened and read aloud.

There is a MANDATORY PRE-BID MEETING at 1:00pm on Monday, February 28. The pre-bid meeting will be held at: 2501 Sheridan Road, Highland Park, IL

Completed bids must be submitted in sealed opaque envelopes marked 2022 Moraine Park Path Improvements and mailed or brought into the Park District of Highland Park, 636 Ridge Road, Highland Park, IL 60035; Attn: Brian Romes, Secretary.

The Park Board of the Park District of Highland Park reserves the right to reject any or all bids in full or in part, if it shall deem it in the public interest to do so. In submitting a bid, Contractor acknowledges that Contractor must comply with all requirements of the Illinois Prevailing Wage Act and all other applicable Illinois laws.

PARK DISTRICT OF HIGHLAND PARK
/s/ Brian Romes
Secretary of the Board of
Park Commissioners

Published: Lake County News Sun

Park District of Highland Park
2022 Moraine Park Path Improvements

INVITATION FOR BID

The Park District of Highland Park is seeking sealed bids for the following scope of work: Removal of the existing stone path and retaining walls, and replacement with approximately 250 feet of five-foot-wide boardwalk at Moraine Park, Highland Park, Illinois. The project will also include helical piles, helical tie backs, gabion baskets at ravine shoreline, boulder placement, directional boring approximately 125 feet of 6” pipe from the bottom of ravine to the tableland, construction fencing, tree protection and restoration of all disturbed areas. The scope of work includes all necessary workmanship to satisfactorily complete the work as required by the contract documents. Work will start Monday, May 2, 2022, and conclude by Friday, July 29, 2022.

Contractors bidding on the project must have a minimum of three (3) years of experience in the work or similar.

The bid packet, specifications and plans are available on our website at <http://www.pdhp.org/bids-rfps/>. Please note that if you intend to submit a bid for this project, then it is your responsibility to register with Jeff smith via jsmith@pdhp.org or 847.579.3109. This will identify that you have downloaded the bid documents, and you will then be considered a registered plan holder. Sealed bids for these items will be received no later than 2:30pm on Wednesday, March 9, 2022, at which time they will be publicly opened and read aloud.

There is a MANDATORY PRE-BID MEETING at 1:00pm on Monday, February 28, 2022. The pre-bid meeting will be held at the project site: 2501 Sheridan Road, Highland Park. IL.

Completed bids must be submitted in sealed opaque envelopes marked “2022 Moraine Park Path Improvements” and mailed or brought into the Park District of Highland Park, 636 Ridge Road, Highland Park, Illinois; Attn: Brian Romes, Secretary.

All bids must be submitted on the forms included in the bid.

All contracts for work herein are subject to the provisions of all Park District of Highland Park regulations.

Contractor must pay and require all subcontractors to pay the prevailing rate of wages to all related laborers, workers, and mechanics involved in the project. As established by the Illinois Department of Labor for each craft or type of work needed to execute the contract in accordance with 820 ILCS 130/.01 et seq. The Illinois Department of Labor publishes the prevailing wage rates on its website at: <https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> Contractor is advised that the Department revises the prevailing wage rates and the Contractor has an obligation to check the Department’s web site for revisions. Contractor shall prominently post the current schedule of prevailing wages at the Contract site and shall notify immediately in writing all of its Subcontractors, of all changes in the schedule of prevailing wages. Any increases in costs to Contractor due to changes in the prevailing rate of wage during the terms of any contract shall be at the expense of Contractor and not at the expense of the Owner. The change order shall be computed using the prevailing wage rates applicable at the time the change

order work is scheduled to be performed. Contractor shall be solely responsible to maintain accurate records as required by the prevailing wage statute and to obtain and submit all such certified records to the Illinois Department of Labor Certified Transcript of Payroll Portal at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/CertifiedTranscriptOfPayroll.aspx>

Park District of Highland Park
2022 Moraine Park Path Improvements

no later than the 15th of each calendar month following a month in which construction on the project has occurred as required by Statute. Contractor shall furnish the District confirmation that certified payroll was submitted. In lieu of certified payroll, Contractor shall submit a letter setting forth the basis upon which Contractor has concluded the Act does not apply. Contractor shall be solely liable for paying the difference between prevailing wages and any wages actually received by laborers, workmen and/or mechanics engaged in the Work and in every way defend and indemnify the District against any claims arising under or related to the payment of wages in accordance with the Prevailing Wage Act. Likewise, Contractor shall comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and or other governmental unit or regulatory body now in effect during the performance of the work. By way of example, the following are included within the scope of the laws, regulations and rules referred to in this paragraph, but in no way to operate as a limitation on the laws, regulations and rules with which Contractor must comply, are all forms of Workers Compensation Laws, all terms of the Equal Employment Opportunity Clause of the Illinois Fair Employment Practices Commission, the Illinois Preference Act, the Social Security Act, Statutes relating to contracts let by units of government, all applicable Civil Rights and Anti-Discrimination Laws and Regulations, and traffic and public utility regulations.

Contractor, before commencing Work, shall furnish a Performance Bond and a Labor and Material (aka Payment) Bond. The Performance Bond shall be in an amount equal to 100% of the full amount of the Contract Sum as security for the faithful performance of the obligation of the Contract Documents, and the Labor and Material Payment Bond shall be in an amount equal to 100% of the full amount of the Contract Sum as security for the payment of all persons performing labor and furnishing materials in connection with the Contract Documents. Such bonds shall be issued by a surety satisfactory to the Owner, and shall name the Owner as a primary co-obligee. The cost of the bonds is to be included in the Bid. 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 a Contract and supply the required Bonds within ten (10) calendar days after the Notice of Award or within such extended period as the Owner may grant if the forms do not meet its approval shall constitute a default, and the Owner may either award the Contract to the next responsible, responsive Bidder or re-advertise for bids. A charge against the defaulting Bidder may be made for the difference between the amount of the bid and the amount for which a contract for the work is subsequently executed.

All bids will remain firm for ninety (90) calendar days after the bid opening. The Park District of Highland Park reserves the right to reject any or all bids or to accept any bid, which in its judgment, will be in the best interest of the public or to waive any informalities in bidding. Only bids in compliance with the provisions of the Contract Documents will be considered. No bids shall be withdrawn after the opening of the bids for a period of ninety (90) calendar days after the bid date opening.

The Park District of Highland Park encourages small and minority businesses and women's business firms to submit bids on the approved project and successful contract bidders to utilize small and minority businesses and women's businesses as sub-contractors for supplies, equipment, services, and construction.

Park District of Highland Park
2022 Moraine Park Path Improvements

INSTRUCTIONS TO BIDDERS

For the purpose of these specifications, "Owner" shall refer to the Park District of Highland Park, and "Contractor" shall refer to the party entering into the contract for the performance of the specified work, and his or her legal representatives or agents. Upon award of the Contract, these instructions shall become a part of the Contract Documents.

PLANS AND SPECIFICATIONS

The bid packet, specifications and plans are available on our website at <https://www.pdhp.org/bids-rfps/>. Please note that if you intend to submit a bid for this project, then it is your responsibility as a potential contractor to register with Jeff smith via jsmith@pdhp.org or 847.579.3109. This will identify that you have downloaded the bid documents, and you will then be considered a registered plan holder.

BID FORM

Bidders shall submit the bid form provided which shall be filled out completely and addressed as follows: Park District of Highland Park, 636 Ridge Rd., Highland Park, IL 60035.

On the outside of the bid envelope, each sealed bid shall also contain the notation "SEALED BID" along with

- A) 2022 Moraine Park Path Improvements
- B) Bidder's Company Name
- C) Date and Time of Bid Opening

Bids for 2022 Moraine Park Path Improvements shall be received at or before 2:30pm on Wednesday, March 9, 2022, at which time they will be opened and read publicly.

ACCEPTANCE OR REJECTION OF BID

Owner reserves the right to accept or reject any or all bids. In determining the lowest responsive and responsible bidder, Owner further reserves the right to combine or separate or delete any section of work or alternates or items in the bid if it is in the best interest of Owner. In determining whether the bidder qualifies as "responsible," the Owner may rely on all available public information concerning the bidder, including references and information in addition to that provided by the bidder.

BIDDER EXPERIENCE

Contractor bidding the project shall be actively engaged in work of the nature described in the plans and specifications, must have a minimum of three (3) years' experience in that work or similar, and must be able to demonstrate that adequate persons and materials are available to perform the work. Contractor shall submit with the bid no less than three (3) references for which Contractor has completed work similar to that described in the plans and specifications.

NON-BARRED BIDDING

Contractor must certify that it is not barred from bidding on this contract as a result of a conviction for the violation of state laws prohibiting bid-rigging or bid-rotating by executing the included certification.

EXAMINATION OF SITE AND DRAWINGS

Before submitting a bid, Contractors shall carefully examine the drawings and specifications, visit the site, and fully inform themselves as to all conditions and limitations. The failure or omission of any Contractor to receive or examine any form or document, or to visit the site and become acquainted with existing conditions shall in no way relieve Contractor from any obligation with respect to their bid. By submitting a bid, Contractor warrants that he / she has examined the site, specifications, and drawings, and that where the specifications require that a given result be produced, the specifications and drawings are adequate and the required result can be produced using the specifications and drawings. If applicable, Contractor shall also attend any mandatory pre-bid meetings.

PERFORMANCE BOND

Contractor, before commencing Work, shall furnish a Performance Bond and a Labor and Material (aka Payment) Bond. The Performance Bond shall be in an amount equal to 100% of the full amount of the Contract Sum as security for the faithful performance of the obligation of the Contract Documents, and the Labor and Material Payment Bond shall be in an amount equal to 100% of the full amount of the Contract Sum as security for the payment of all persons performing labor and furnishing materials in connection with the Contract Documents. Such bonds shall be issued by a surety satisfactory to the Owner, and shall name the Owner as a primary co-obligee. The cost of the bonds is to be included in the Bid Proposal. The Performance Bond and Labor and Material Payment Bond will become a part of the Contract. The failure of the successful Contractor to enter into a Contract and supply the required Bonds within ten (10) days after the Notice of Award or within such extended period as the Owner may grant if the forms do not meet its approval shall constitute a default, and the Owner may either award the Contract to the next responsible, responsive Contractor or re-advertise for bids. A charge against the defaulting Contractor may be made for the difference between the amount of the bid and the amount for which a contract for the work is subsequently executed.

LIENS

Waivers of lien shall be submitted with all payment applications. Waivers shall be supplied from all subcontractors and suppliers involved in the contract work. Neither final payment nor any part of the retained percentages shall become due until Contractor delivers to Owner a complete release of all liens arising out of this contract. Waivers of Lien must include the following language “All Materials taken from fully paid for stock and delivered by our own trucks to the project site” AND “All wages paid according to Prevailing Wage Act”.

ASSIGNMENT AND SUBCONTRACTORS

Contractor shall not assign any part of this contract, or award any work under this contract to any Subcontractor without prior written approval from the Owner. Nothing contained in the contract documents shall create any contractual relation between any Subcontractor and the Owner.

INSURANCE

NOTE: Contractors’ attention is directed to the insurance requirements set forth in the Contract Documents and below. It is highly recommended that Contractors confer with their respective insurance carriers or brokers to determine in advance of bid submission, the availability of insurance certificates and endorsements as prescribed and provided herein. If an apparent low bidder fails to comply strictly with the insurance requirements, that Contractor may be disqualified from award of the contract.

Park District of Highland Park
2022 Moraine Park Path Improvements

FEDERAL LABOR STANDARDS AND EQUAL EMPLOYMENT REQUIREMENTS

In the event Contractor does not comply with any provision of the Illinois Prevailing Wage Act, Equal Employment Opportunity Clause, the Illinois Fair Employment Practices Act or the Fair Employment Practices Commission's Rules and Regulations for Public Contracts, Contractor may be declared non-responsible and therefore ineligible for future contracts with the State of Illinois or any of its political subdivisions, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

Contractor agrees to the following:

A. Contractor shall not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. Contractor shall take affirmative action to insure applicants are employed, and the employees are treated during employment, without regard to race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer, recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship.

B. Solicitation or advertisements for employees placed by or on behalf of Contractor shall state that applicants receive consideration for employment without regard to race, creed, color, or national origin.

PREVAILING WAGE AND CERTIFIED PAYROLL

Contractor must pay and require all subcontractors to pay the prevailing rate of wages to all related laborers, workers, and mechanics involved in the project. As established by the Illinois Department of Labor for each craft or type of work needed to execute the contract in accordance with 820 ILCS 130/.01 et seq. The Illinois Department of Labor publishes the prevailing wage rates on its website at: <https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> Contractor is advised that the Department revises the prevailing wage rates and the Contractor has an obligation to check the Department's web site for revisions. Contractor shall prominently post the current schedule of prevailing wages at the Contract site and shall notify immediately in writing all of its Subcontractors, of all changes in the schedule of prevailing wages. Any increases in costs to Contractor due to changes in the prevailing rate of wage during the terms of any contract shall be at the expense of Contractor and not at the expense of the Owner. The change order shall be computed using the prevailing wage rates applicable at the time the change order work is scheduled to be performed. Contractor shall be solely responsible to maintain accurate records as required by the prevailing wage statute and to obtain and submit all such certified records to the Illinois Department of Labor Certified Transcript of Payroll Portal at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/CertifiedTranscriptOfPayroll.aspx> no later than the 15th of each calendar month following a month in which construction on the project has occurred as required by Statute. Contractor shall furnish the District confirmation that certified payroll was submitted. In lieu of certified payroll, Contractor shall submit a letter setting forth the basis upon which Contractor has concluded the Act does not apply. Contractor shall be solely liable for paying the difference between prevailing wages and any wages actually received by laborers, workmen and/or mechanics engaged in the Work and in every way defend and indemnify the District against any claims arising under or related to the payment of wages in accordance with the Prevailing Wage Act.

Park District of Highland Park
2022 Moraine Park Path Improvements

COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (ADA)

Contractor shall not discriminate on the basis of disability, and shall comply with pertinent sections of the Americans with Disabilities Act.

COMPLIANCE WITH ALL APPLICABLE LAWS

Contractor shall comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and or other governmental unit or regulatory body now in effect during the performance of the work. By way of example, the following are included within the scope of the laws, regulations and rules referred to in this paragraph, but in no way to operate as a limitation on the laws, regulations and rules with which Contractor must comply, are all forms of Workers Compensation Laws, all terms of the Equal Employment Opportunity Clause of the Illinois Fair Employment Practices Commission, the Social Security Act, the Substance Abuse Prevention on Public Works Act, Statutes relating to contracts let by units of government, all applicable Civil Rights and Anti-Discrimination Laws and Regulations, Americans with Disabilities Act and traffic and public utility regulations. Contractor shall also furnish without charge any affidavit or Certificate in connection with the work covered by this agreement as required by law.

PAYMENT

For projects extending longer than a month, payment request shall be made monthly for that portion of the project which has been completed. Payment request are due no later than the 1st of the month with all necessary documentation. An amount equal to ten percent (10%) shall be withheld from each payment until sixty (60) calendar days after final acceptance by the Owner. Payment by the Owner may be by credit card.

SCHEDULE OF WORK

Contractor shall commence work on or just prior to Monday, May 2, 2022 and work shall be completed by Friday, July 29, 2022. The Owner shall pre-approve start date of project. Work shall be completed in accordance with the following site schedule:

Invitation for Bid Release	Wednesday, February 23, 2022
Mandatory Pre-Bid Meeting	Monday, February 28, 2022, at 1:00pm
Sealed Bids Due No Later Than 2:30pm	Wednesday, March 9, 2022
Anticipated Contract Award	Thursday, March 31, 2022
Construction Start	Monday, May 2, 2022
Project Completion	Friday, July 29, 2022

GUARANTEE

Except as otherwise specified, Contractor shall guarantee all workmanship and materials, including plant material for a period of one (1) year from date of final completion and acceptance. Neither the final payment nor termination of the guarantee period, nor any provision in the contract document, shall relieve Contractor of the responsibility for negligence, faulty materials or workmanship within the extent and period provided by law. Upon written notice, Contractor shall remedy any defects, and shall pay all expenses for damage to other work resulting from that defect.

If the drawings and/or specifications provide for methods of construction and installation, or materials which cannot be guaranteed by Contractor for the indicated period, Contractor shall so inform the Owner in writing prior to submitting a bid. Otherwise, Contractor shall guarantee all methods of construction and installation, and materials for the indicated period of time.

GENERAL TERMS

In addition to all other requirements of the Contract Documents (including but not limited to the General and Supplementary Conditions that may be contained within or referred to in other Contract Documents (e.g., AIA A201, General Conditions, as modified by Park District “Supplementary Conditions”) and the Drawings and Specifications and other portions of the Project Manual), the following general terms also apply:

TERMS

"Owner" shall refer to the Park District of Highland Park. "Contractor" shall refer to the party entering into the contract for the performance of the specified work, and his or her legal representatives or agents. "Engineer/Architect" shall refer to Daniel Creaney Company the firm that prepared construction documents.

LAWS AND PERMITS

Contractor shall at all times observe and comply with federal, state and local laws, regulations and ordinances which in any manner affect the conduct of the work. Complaints, claims or actions brought against Contractor for failure to observe or comply with any law, ordinance or regulation shall be the sole responsibility of Contractor and shall in no way extend to or expose the Owner or Engineer/Architect to liability. Contractor shall perform all work and use only those materials conforming to city, county, state and federal codes regarding health, safety and welfare. The Owner and Engineer/Architect shall not be held responsible for failure of work or materials that do not conform to codes. Prior to beginning the work, Contractor shall obtain permits and licenses, pay charges and fees, and give notices necessary and incident to the due and lawful prosecution of the work.

INTENT OF CONTRACT DOCUMENTS

The Contract Documents are intended to include all items necessary to complete the Work. Contractor shall perform the work and incidental construction in the manner specified in the Contract and shall furnish all materials, labor, tools, equipment and incidentals necessary to complete the work. Plans and specifications are intended to be complimentary. Work or materials called for by one shall be binding as if called for by all.

PLANS & SPECIFICATION DIMENSIONS

Drawings are fully figured and dimensioned. Figures shall be followed without regard to scaled measurement from plans. When figures have been omitted, or when a marked discrepancy exists between figures and scale, the question shall be referred to the Owner for a final decision or interpretation.

ERRORS AND DISCREPANCIES

If Contractor, during work, finds discrepancies between the plans and the physical conditions or any errors or omissions, it shall be his duty to notify Owner immediately. Owner shall verify such findings and determine the course of action, if any, necessary. Any work done after such discovery and without approval to commence from the Owner, shall be done at Contractors risk. Owner or Engineer/Architect reserves the right to prepare supplementary plans showing any additional or revised details for construction purposes not shown on the Contract plans when necessary.

When information concerning underground, subsurface or other concealed conditions, borings, soil analysis, utility locations or conditions, test pits, buried structures, condition of existing

Park District of Highland Park
2022 Moraine Park Path Improvements

structures and other investigations have been provided to Contractor such information has been made available for Contractor's convenience and is not part of the Contract. The Owner or Engineer/Architect shall not be responsible for the accuracy of such information. A guarantee is not expressed or implied that indicated conditions are representative of those existing throughout the work, or at any particular location, or that the indicated condition may not change or that unanticipated conditions may not be present.

SUBSTITUTIONS

Each bid shall be based upon the material and equipment called for in the plans and specifications. Items called for in the plans and specifications are done so to establish a standard. Only prior written approval from Owner shall allow any substitution of material, furnishing or article in place of the item specified. References to the term "equal" or "approved equal" shall mean that an item used in place shall be of equal or greater quality and shall be approved in the manner described in this section as a substitute to the specified material, furnishing or article.

Requests for substitutions shall be made five (5) calendar days prior to bid opening date to Owner. Each substitution request shall include a complete description of the proposed substitute, the name of the material or equipment for which it is to be substituted, all specifications for requested substitute including drawings with dimensions and any other data or information necessary for a complete evaluation. Any substitution accepted by Owner shall be done so in a written addendum to the bid documents: no other substitution shall be granted.

CONTRACTOR NOTIFICATION RESPONSIBILITIES & TIMELY DEMAND FOR INSTRUCTIONS

Contractor shall have a complete copy of specifications and plans at the work site whenever work is in progress. Contractor shall notify Owner, in writing, a minimum of 48 hours in advance of beginning the work, and shall notify Owner a minimum of 48 hours in advance by phone when approvals are needed including: layout staking, all grading, drainage, and other major items of construction for field checking of construction. Copies of material delivery tickets shall be furnished to Owner.

All work and materials shall always be open to the inspection of the Owner or Engineer/Architect. Contractor shall also furnish upon request of Owner at his expense, a person or persons familiar with the project to review work on site and discuss any matters with Owner or Engineer/Architect about the work or Contract when Owner gives 48 hours' notice for such a meeting or whenever Contractor's staff is present at the site.

SUBCONTRACTORS AND SUPPLIERS

Contractor shall provide a list of subcontractors and suppliers to Owner for approval prior to commencing the work. When any subcontractor or supplier fails to perform the work in accordance with the Contract, Contractor shall terminate such subcontractor or supplier upon written notice by Owner. Contractor shall have no claim for damages, compensation in excess of Contract price or an extension of Contract time as a result of any such termination. Contractor shall not let or transfer this contract or any part thereof without the written consent of the Owner. Contractor shall not be relieved from any liability or obligation under this Contract when work is assigned to others.

OWNER'S RIGHT TO DO WORK:

The Owner reserves the right to perform or have performed other work at the project site. Contractor shall afford the Owner and other contractors reasonable opportunity for the execution of other work and shall properly coordinate the work with other work.

RIGHT TO SUSPEND WORK:

The Owner will notify contractor in writing when the work is to be suspended wholly or in part for such periods deemed necessary. Where due work may be suspended for unsuitable weather, other conditions unsuitable for the prosecution of the work, any condition deemed to be in the public's best interest, failure of Contractor to carry out provisions of the Contract, or failure of Contractor to carry out orders. Contractor shall maintain work site safety and protect the Work as provided in the General Conditions. No additional compensation shall be paid to Contractor because of such suspension. Contractor shall not suspend the Work without written authority of Owner.

ALTERATIONS, EXTENSIONS AND DEDUCTIONS:

The Owner reserves the right to extend or shorten the work, alter the plans, add incidental work, and increase or decrease quantities of work to be performed in accord with these changes, including the cancellation or deduction of any one or more of the work items. Changes shall not be considered as a waiver of Contract conditions.

Alterations, extensions and deductions shall be authorized by a written change order issued by Owner and signed by Contractor before work is started. Change orders shall state the items of work involved, changes in Contract amount, and any extension in completion time. Claims for extra work, which have not been authorized by a written change order, will be rejected.

In the case of work specified by the Owner to be completed by Contractor, but not indicated on the plans or specifications, or not susceptible to classification under the Schedule of Unit Prices in the bid, Contractor shall and will perform such work and furnish such materials as may be required. An agreement to the costs of such work and necessary materials shall be agreed upon before commencement of work, and shall be in writing.

The Owner shall have the right to increase or diminish all or any Contract amount or items without impairing the volume or scope of this Contract so long as these alterations do not change the amount of the contract price more than thirty-five percent (35%).

DISCHARGE OF EMPLOYEES:

When any person employed by Contractor fails to perform the work according to the Contract, appears to be incompetent or exhibits disorderly conduct or improper manner, such person shall be immediately removed from the work on written request. Contractor shall have no claim for damages or extension of time as a result of such termination. Should Contractor fail to remove such person or persons as required above, or fail to furnish suitable and sufficient personnel for the proper prosecution of the work, Owner may suspend the work.

USE OF SITE

Contractor shall confine equipment, material storage and workers operations to limits indicated by law, ordinances, plans, permits or directions of the Owner and as per plans. Contractor shall not unreasonably encumber the site with materials or cause inconvenience to the Owner, public or other contractors. Contractor's responsibilities for usage of the site shall include:

Park District of Highland Park
2022 Moraine Park Path Improvements

1. Utilities: Contractor shall obtain permits, provide and make payment for such utilities as water, electricity, heat/air, telephone and waste disposal when necessary in performing the work.
2. Buildings: Contractor shall obtain permits, provide and make payment for temporary structures such as offices, sheds, trailers, and sanitary facilities, and necessary maintenance of structures in performing the work.
3. Pumping: When during construction, standing water caused by heavy rains or poor drainage becomes a hazard to the work, Contractor shall provide and make payment for removal of water to existing drainage swales, storm sewers or other natural or manufactured drainage ways. See Erosion and Sediment Control in Specifications in Special Provisions.
4. Temporary Roads and Turnarounds: Contractor shall provide for temporary roads as necessary or access to and within the site during the construction. All temporary roads or turnaround points shall be approved prior to construction.
5. Storage: Materials and equipment shall be stored in a manner that preserves their quality. When necessary, materials and equipment shall be placed under cover, on wooden platforms or other hard, clean surfaces, and not on the ground. Private property shall not be used for storage purposes without written permission from the owner of the property. Location of any storage area is subject to approval by the Owner.
6. Parking: Contractor's construction vehicles parked on the site shall not inhibit construction or prevent access for emergency or other official vehicles. Parking areas are subject to Owner's approval. Parking is prohibited under the dripline of trees to be saved.

WORK SITE SAFETY

Contractor shall be solely responsible for providing and maintaining safe conditions at the work site, including the safety of persons and property and shall comply with applicable laws and safety regulations to prevent injury to persons or damage to property. Contractor is responsible for protecting public from dangerous situations on the site during Construction. This requirement shall apply continuously and shall not be limited to normal working hours.

Whenever public or private property is damaged, Contractor shall at his/her own expense, restore such property to a condition equal to that existing before the damage was done. Contractor shall also be responsible for damage to the work by actions of the elements or from any other cause whatsoever and shall restore the work at his/her own expense. A registered Land Surveyor at Contractor's expense shall replace existing property corners disturbed or lost during construction. When the site is opened for usage after final acceptance, damage to the work shall not be due to Contractor's fault or negligence.

Contractor shall have no claim against the Owner or Engineer/Architect because of any damage or loss to the work or to Contractor's equipment, materials or supplies from any cause, including damage or loss due to simultaneous work by others.

When Owner deems any operation, condition or practice to be unsafe Contractor shall take corrective action before affected work is resumed. Contractor shall protect public and adjacent properties including roadways and shall use necessary precautions to prevent damage or injury thereto. Contractor shall prevent damage to pipes, conduits, and other underground structures as well as fences, monuments or other aboveground structures. Vegetation not marked for removal shall not be cut, trimmed or damaged except with the approval and under the direction of Owner: Contractor shall provide on-site traffic patterns away from existing vegetation, provide necessary ramps and shall not park vehicles near or under existing vegetation. Contractor shall not park or

Park District of Highland Park
2022 Moraine Park Path Improvements

maneuver equipment or stockpile materials within ten (10) feet of tree drip lines or plants to be protected. Vegetation damaged during construction is subject to replacement at Contractor's expense. Contractor shall protect the Owner's employees and the public by maintaining barricades, warning signs, flags, lights and temporary passageways around construction areas, covering holes, properly storing materials and equipment and providing other suitable methods for the protection of said persons.

LABOR, EQUIPMENT AND METHODS

Contractor shall at all times employ sufficient labor and equipment for prosecuting the work in the manner and time specified. Workers shall have sufficient experience and skill to properly perform the Work and operate the equipment.

Equipment used shall be of such type, size and amount and in such mechanical condition as to meet the requirements of the work and produce a satisfactory quality of work. Contractor shall replace unsatisfactory equipment and furnish additional equipment when deemed necessary by Owner.

The specified methods and equipment shall be used in the prosecution of the work unless otherwise authorized by Owner. However, Contractor alone shall bear the responsibility for safety of the persons and property and shall immediately notify Owner of any specified method that creates any risk of injury or damage to persons or property. Contractor may make a written request to Owner to use a method or type of equipment other than those specified. The request shall include a description of the proposed methods, equipment and an explanation of the reasons for the substitution. When Owner authorizes trial use of the substitution, Contractor shall be responsible for producing the work in conformance with the Contract. If Owner determines that the trial method or equipment does not conform to the Contract requirements, Contractor shall discontinue use of the substitute method or equipment and shall complete the remaining work with the specified methods or equipment. Contractor shall remove defective work and replace it with work meeting the Contract requirements or take other corrective action as directed by Owner. No increase will be made in payment or in contract time as a result of authorizing a change in methods or equipment under these provisions.

The contractor shall be responsible for disconnection and reconnection of any and all HVAC, Cable, Phone, Electric, Heating Coils, and any other utility service lines required to complete the project.

As part of the Park District's coronavirus safety protocol and as a requirement for all workers on the project job site, the Contractor shall submit a Covid-19 safety protocol plan prior to the start of work, and adhere to the current guidelines from the CDC. This shall include 6' social distancing and wearing a face mask. More information can be found at pdhp.org for up-to-date guidelines. The Park District may provide additional guidelines to follow in advance of work commencing.

SUSTAINABILITY

Owner is committed to sustainable practices that benefit our environment and the health and safety of our customers. Contractor agrees to work with Owner, if applicable, on sustainable project elements and materials.

INSPECTION AND TESTING

Materials and equipment to be used in the work shall be subject to testing at all times during fabrication as specified or designated by Owner. Contractor shall give advance notice to permit tests or inspections to be performed prior to incorporating materials or equipment into the work. Without charge to the Owner, Contractor shall furnish such amounts of materials needed for testing and shall afford the inspector such facilities required for collecting samples and making inspections. Unless otherwise specified, the Owner will bear the cost of inspections and testing of materials.

SUBMITTALS

Contractor shall submit to Owner required shop drawings, product data and samples concerning materials and equipment. Contractor shall submit spec sheets; show drawing for the following items: PVC coated gabion baskets, HDPE pipe, area draws, helical piles, helical tie backs and boardwalk shop drawings including railings and hardware specifications. Owner's review and approval of required submittal shall be for the sole purpose of examining the general details and design of the proposed work and shall not be regarded as an assumption of risk or liability. Equipment and materials installed or used without such review shall be at risk of rejection and replacement by Contractor at no cost to the Owner. Submittals shall become part of the Contract Documents. Contractor shall be responsible for any delay in the work due to a delay in providing required submittals.

Unless otherwise specified, equipment and materials are to be new and of best quality. Materials, equipment or work having a well-known, technical or trade meaning but not specifically defined in the Contract Documents, shall be construed in accordance with such well-known meaning recognized by Architects, Engineers and Tradesmen.

REMOVAL OF DEFECTIVE WORK

Owner may reject and require correction of any work that does not conform to the Contract Documents. Contractor shall correct condemned workmanship and immediately remove and replace rejected materials and equipment without additional cost to the Owner. When Contractor fails to correct condemned work and remove rejected materials and equipment from the site, the Owner reserves the right to refuse payment for such work and perform such work or hire others to perform such work and the expense thereof shall be deducted from the amount to be paid Contractor.

Until final payment, all work shall be subject to inspection and testing, which includes removing or uncovering finished work when necessary. Contractor shall provide access and assistance required for such inspection and testing and shall furnish necessary facilities, labor and materials for such removal and approved replacement. Nothing in this Contract shall be construed to mean that the Owner or Engineer/Architect waives the right to later complain about defective materials or workmanship even after final acceptance.

When questioned work is found to be defective due to fault of Contractor, subcontractor, suppliers or their employees, Contractor shall pay for the cost of such inspection and reconstruction. When questioned work is found to meet Contract requirements, Owner shall pay actual cost of labor and materials involved in inspection and reconstruction, plus the Owner shall allow Contractor 10%.

Park District of Highland Park
2022 Moraine Park Path Improvements

COMPLETION DATE

Contractor warrants that the commencement and completion dates specified in the Instructions to Bidders is reasonable time for completion of the work for the Contract price taking into consideration natural and manufactured conditions that may affect the work.

CLEANING UP

Contractor shall keep the project site and adjoining premises and thoroughfares free from accumulation of waste material or rubbish caused by the work on a daily basis. Upon completion of the work, Contractor shall remove equipment, rubbish, tools, and surplus materials from the site and adjoining premises. When Contractor fails to do so within five (5) calendar days of a written request by the Owner, the Owner may remove the items and deduct the cost of such removal from Contractor's final payment.

Dust shall be kept to a minimum during construction by means of wetting the site or other approved methods. Contractor shall wash down all existing sidewalks and roadways on and off site once a week during construction to keep the area clean. See also Restoration of Disturbed Areas / Site Cleanup in Special Provisions.

PAYMENT

Contractor may request partial payments based on estimates of work completed. Payment requests shall be submitted to Owner for approval in duplicate on AIA Documents G702 and G703, Application and Certificate for Payment. The estimate shall be a sworn statement of work completed to date, shall list each item completed with reference to the bid item number and quantity, and include waiver of liens as specified in the Instructions to Bidders. The Owner shall retain ten percent (10%) of each payment. The Owner reserves the right to temporarily withhold payment from any pay request submitted by Contractor due to the delay in the progress or completion of the work.

All invoices should be submitted by the first business day of the month in order to receive payment in the same month.

The Owner shall make a final inspection of work after Contractor notifies Owner that work is substantially complete. Contractor will be notified in writing of all punch list items, if any, to be corrected or completed before final acceptance is granted. Following Contractor's completion of all punch list work, Owner shall provide a written notice of final acceptance to Contractor. The date of the final acceptance letter shall be the beginning date of the one-year guarantee or work as stated in the Instructions to Bidders.

Upon written final acceptance, Contractor shall submit final waivers of lien, and a final request for payment, including retained monies. Final payment shall be made to Contractor within sixty (60) calendar days after receipt of the above items. Contractor may request a reduction of the percentage of retainage during the one hundred twenty-day period and a payment of a portion of the retainage may be made at the Owner's discretion.

OWNERSHIP OF PLANS, SPECIFICATIONS

All Plans and Specifications and copies thereof furnished by or purchased are properties of the Owner and are not to be used on other work. With the exception of one complete set, all documents are to be returned upon contract completion.

Park District of Highland Park
2022 Moraine Park Path Improvements

FREEDOM OF INFORMATION ACT REQUESTS

Contractor agrees to maintain, without charge to the Owner, all records and documents for projects of the Owner in compliance with the Freedom of Information Act, 5 ILCS 140/1 et seq. In addition, Contractor shall produce records which are responsive to a request received by the Owner under the Freedom of Information Act so that the Owner may provide records to those

requesting them within the time frames required. If additional time is necessary to compile records in response to a request, then Contractor shall so notify the Owner and if possible, the Owner shall request an extension so as to comply with the Act. In the event that the Owner is found to have not complied with the Freedom of Information Act due to Contractor's failure to produce documents or otherwise appropriately respond to a request under the Act, then Contractor shall indemnify and hold the Owner harmless, and pay all amounts determined to be due including but not limited to fines, costs, attorneys' fees and penalties.

INSURANCE

Contractor shall keep in force, to the satisfaction of the Owner, at all times during the performance of any work referred to above, and unless otherwise agreed by Owner, Workers Compensation and Employer's Liability Insurance, Commercial General Liability Insurance, and Automobile Insurance in at least the type and amounts as follows:

1. Workers' Compensation:
 - a. State: Statutory
 - b. Applicable Federal (e.g., Longshoremen's): Statutory
 - c. Employer's Liability

\$1,000,000.00	Per Accident
\$1,000,000.00	Disease, Policy Limit
\$1,000,000.00	Disease, Each Employee

2. Commercial General Liability:
 1. \$2,000,000.00 General Aggregate
 2. \$1,000,000.00 Products Completed Operations Aggregate
 3. \$1,000,000.00 Personal and Advertising Injury
 4. \$1,000,000.00 Each Occurrence
 5. \$ 50,000.00 Fire Damage (any one fire)
 6. \$ 5,000.00 Medical Expense (any one person)

3. Business Automobile Liability (including owned, non-owned and hired vehicles):
 - a. Bodily Injury:

\$1,000,000.00	Per Person
\$1,000,000.00	Per Accident
 - b. Property Damage:

\$1,000,000.00	Per Occurrence
----------------	----------------

4. Umbrella Excess Liability:

\$2,000,000.00	over Primary Insurance
----------------	------------------------

Park District of Highland Park
2022 Moraine Park Path Improvements

B. Deductibles and Self-Insured Retentions. Any deductibles or self-insured retention's must be declared to and approved by the Owner. At the option of the Owner either: the insurer shall reduce or eliminate such deductibles or self-insured retention's as respects the Owner, its officers, officials, employees, volunteers and agents; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

C. Other Insurance Provisions. The policies are to contain, or be endorsed to contain, the following provisions:

1. Regarding General Liability and Automobile Liability Coverage

- i. The Owner, its officers, officials, employees and volunteers, and Engineering or Architectural Firm, its officers, officials, employees, and volunteers, are to be covered as additional insured as respects: liability arising out of activities performed by or on behalf of the Contractor, including the insured's general supervision of the Contractor; products and completed operations of the contractor; premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the contractor. Coverage shall contain no special limitations on scope of protection afforded to the Owner, its officers, officials, employees, volunteers, or agents.
- ii. The Contractor's insurance coverage shall be primary insurance as respect to the Owner, its officers, officials, employees, volunteers, and agents. Any insurance or self-insurance maintained by the Owner, its officers, officials, employees, volunteers or agents shall be excess of the Contractor's insurance and shall not contribute with it.
- iii. Any failure to comply with reporting provisions of the policies shall not affect coverage to the Owner, its officers, officials, employees, volunteers, or agents.
- iv. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

2. Workers' Compensation and Employers Liability Coverage

- i. The insurer shall agree to waive all rights of subrogation against the Owner, its officers, officials, employees, volunteers, and agents for losses arising from work performed by the contractor for the Owner.

3. All Coverage

- i. Each insurance policy required by this clause shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) calendar days' prior written notice by certified mail, return receipt requested, has been given to the Owner.

Park District of Highland Park
2022 Moraine Park Path Improvements

D. Acceptability of Insurers. Insurance is to be placed with insurers with a Best's rating of no less than A: VII and licensed to do business in the State of Illinois.

E. Verification of Coverage. Contractor shall furnish the Owner with certificates of insurance and with original endorsements if applicable effecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. All certificates and endorsements are to be received and approved by the Owner before work commences. The Owner reserves the right to require complete, certified copies of all required insurance policies, at any time.

F. Subcontractors. Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

G. Indemnification.

To the fullest extent permitted by law, to waive any and all rights of contribution against Owner and to indemnify and hold harmless 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, expert fees and court costs) arising out of or resulting from the performance of the Contractor's work, provided that any such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or injury to or destruction of property, other than the work itself, including the loss of use resulting therefrom, or is attributable to misuse or improper use of trademark or copyright protected material or otherwise protected intellectual property, to the extent it is caused in whole or in part by any wrongful or negligent act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. Such obligation shall not be construed to negate, abridge or otherwise reduce any other right to indemnity which Owner would otherwise have. Contractor shall similarly, protect, indemnify and hold and save harmless, Owner, its officers, officials, employee, 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 provisions of the Contract. The indemnification obligations under this paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any subcontractor under Workers' Compensation or Disability Benefit Acts or Employee Benefit Acts.

Accordingly, the Commercial General Liability Policy shall provide for coverage of contractual indemnification obligations.

H. An endorsement containing the following: "Solely as respects to work done by and on behalf of the named insured for the Park District of Highland Park, it is agreed that the Park District of Highland Park, its officers, officials, employees, volunteers, and agents, Engineering or Architectural Firm, added as additional insured under this policy."

Park District of Highland Park
2022 Moraine Park Path Improvements

ACKNOWLEDGEMENT OF DOCUMENTS

1. Receipt of Documents: Contractor has received a complete set of specifications and plans and understands the meaning of their content, and shall willingly comply with the guidelines set forth in these documents.

Yes No
— —

2. Identification of Documents Received: The following is a checklist of documents that should appear in the Bid Documents. Please complete the checklist and contact Owner if any of the documents have been omitted.

	Yes	No
ADVERTISMENT FOR BID	—	—
INVITATION TO BID	—	—
INSTRUCTIONS TO BIDDERS	—	—
GENERAL TERMS	—	—
ACKNOWLEDGEMENT OF DOCUMENTS	—	—
BID FORM	—	—
REFERENCES	—	—
CONTRACTOR PROFILE AND QUALIFICATIONS	—	—
CERTIFICATION OF ELIGIBILITY	—	—
SAMPLE CONTRACT	—	—
SCOPE OF WORK	—	—
DRAWINGS	—	—

Park District of Highland Park
2022 Moraine Park Path Improvements

BID FORM
 (Page 1 of 3)

TO: Park District of Highland Park
 636 Ridge Road
 Highland Park, IL 60035

FROM: _____
 Company

 Street Address

 City, State, Zip

 Phone

FOR: 2022 Moraine Park Path Improvements

BASE BID:

Item No.	Item	Quantity	Unit	Unit Cost	Total
1	GENERAL CONDITIONS				
1.1	Mobilization	1	EA	LS	\$
1.2	Stabilized construction entrance including stairs & bridge protection and restoration & removal upon completion	1	EA	LS	\$
1.3	Temporary construction fencing	225	LF	\$	\$
				Item 1 Total	\$
2	BOARDWALK IMPROVEMENTS				
2.1	Remove/replace repair stone path at east end	25	SF	\$	\$
2.2	Pile 3 lagging bulkhead	1	EA	\$ LS	\$
2.3	Remove existing wood platform adjacent to bridge	72	SF	\$	\$
2.4	Removal of existing stone walls to be crushed & reused for fill material	404	LF	\$	\$
2.5	Removal of existing stone path to be crushed & reused for fill material	1220	SF	\$	\$
2.6	Earthwork & regrading of area north of boardwalk and slope failure south of path	75	CY	\$	\$
2.7	Wood boardwalk including railings stairs & sub structure	1270	SF	\$	\$
2.8	Helical piles	50	EA	\$	\$
2.9	Helical tie backs	25	EA	\$	\$
2.10	Restoration of disturbed area (boardwalk area)	1	EA	LS	\$
				Item 2 Total	\$

Park District of Highland Park
2022 Moraine Park Path Improvements

BID FORM
(Page 2 of 3)

Item No.	Item	Quantity	Unit	Unit Cost	Total
3	TABLELAND DRAINAGE				
3.1	Hand grading and installation of perforated drains	1	EA	\$ LS	\$
3.2	Directional bore 6" HDPE storm sewer to bottom of ravine	1	EA	\$ LS	\$
3.3	Restoration of disturbed area (tableland area)	1	EA	\$ LS	\$
Item 3 Total					\$
4	FILL BEHIND STEEL WALLS				
	East Steel Crib				
4.1	3'x3'x6' Gabion baskets, PVC coated with 4"-6" stone fill (double stack)	4	EA		\$
4.2	Stone fill behind wall	30	CY		\$
4.3	18" - 24" Boulders placed in front of Gabion baskets	21	EA		\$
	West Steel Crib				
4.4	3'x3'x6' Gabion baskets, PVC coated with 4"-6" stone fill (double stack)	2	EA		\$
4.5	Stone fill behind wall	40	CY		\$
4.6	18" - 24" Boulders placed in front of Gabion baskets	30	EA		\$
4.7	Restoration of disturbed area (east and west crib area)	1	EA	LS	\$
Item 4 Total					\$
TOTAL BASE BID					\$

Receipt of Addenda: The receipt of the following addenda is hereby acknowledged:

Addendum No. _____, Dated _____

Addendum No. _____, Dated _____

Addendum No. _____, Dated _____

Park District of Highland Park
2022 Moraine Park Path Improvements

BID FORM
(Page 3 of 3)

SUBCONTRACTORS: List Name, Address, Phone and Work Assignment

1. _____

2. _____

3. _____

The undersigned bidder has carefully examined the plans and specifications for the 2022 Moraine Park Path Improvements as prepared by the Owner and/or Engineer/Architect, and having carefully examined the site and completely familiarized him/herself with local conditions affecting the cost of the work: hereby states that he/she will provide all necessary labor, equipment, tools, machinery, apparatus and all other means of construction, do all the work and furnish all materials, called for by said plans and specification and drawings: and will accept as full and complete payment therefore the base bid amount which is the summation of the cost of the items of work and is equal to the summation of the extension of the unit prices.

BY: _____
Name and Title of Authorized Agent

Authorized Signature

Date

Park District of Highland Park
2022 Moraine Park Path Improvements

REFERENCES

Contractor shall include at least three (3) references with which the Contractor has completed similar work of approximate magnitude required under this contract.

Project Name _____
Project Location _____
Contact Person _____
Telephone Number/E-Mail _____
Project Completion Date _____

Project Name _____
Project Location _____
Contact Person _____
Telephone Number/E-Mail _____
Project Completion Date _____

Project Name _____
Project Location _____
Contact Person _____
Telephone Number/E-Mail _____
Project Completion Date _____

Project Name _____
Project Location _____
Contact Person _____
Telephone Number/E-Mail _____
Project Completion Date _____

Project Name _____
Project Location _____
Contact Person _____
Telephone Number/E-Mail _____
Project Completion Date _____

Park District of Highland Park
2022 Moraine Park Path Improvements

CONTRACTOR PROFILE AND QUALIFICATIONS

(Page 1 of 2)

Name _____
Address _____
City, State, Zip Code _____
Contact Person _____
Telephone Number _____ E-Mail _____

of Employees _____ Annual Sales # _____
Contractor's organization has been in business under its present business name for ____ years.

Contractor's organization has had experience in work comparable with that required under the proposed contract:

as a prime contractor _____ years;
as a subcontractor _____ years.

The following Contractor's employees will be involved with the proposed contract:

Name _____
Position _____
Years of Experience _____
Responsibility/Task _____

Name _____
Position _____
Years of Experience _____
Responsibility/Task _____

Name _____
Position _____
Years of Experience _____
Responsibility/Task _____

Contractor may attach additional project detail to demonstrate ability to successfully complete work comparable with that required under the proposed contract.

CONTRACTOR PROFILE AND QUALIFICATIONS

(Page 2 of 2)

1. Within the past ten (10) years, has your firm, any officer or other individual employed by your firm, been the subject of any administrative or judicial proceeding for alleged violations of any law, or any rule or regulation of any governmental body. If yes, please provide a detailed explanation of the proceeding, including the nature of the charge or claim, the disposition of the matter and the specific individuals/entities involved.

2. Within the past ten (10) years, has your firm been the subject of any other type of claim, including by way of example and not limitation, for breach of contract? If yes, please provide a detailed explanation of the proceeding, including the caption, claimant, court or other dispute forum, nature and disposition of the claim.

3. Has your firm ever been terminated prior to completion of its services from any project? If yes, please provide a detailed explanation, including the identities of all entities and individuals involved, the nature of the services which your firm was to provide, the individuals who were assigned to provide the services and the reason given for the termination

Park District of Highland Park
2022 Moraine Park Path Improvements

CONTRACTOR’S CERTIFICATION OF ELIGIBILITY

In Compliance 720 ILCS 5/33E-11:

_____,a(n) _____
Print name of Contractor Individual, Partnership, Corporation

as part of his bid or proposal on the above referenced Contract, hereby certifies that the Contractor is not barred from bidding on the above referenced contract or entering into a contract with the Park District of Highland Park as a result of a violation of either Section 33E-3 Bid-rigging or 33E-4 Bid-stating of Article 33E of the Illinois Criminal Code, 720 ILCS 5/33E-1, *et. seq.*, as amended.

Date

Contractor

By:_____

Its:_____ Title

STATE OF ILLINOIS)
) 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: _____, 2022
Notary Public_____

[Notary Seal]

Park District of Highland Park
2022 Moraine Park Path Improvements

SAMPLE CONTRACT

The Park District of Highland Park executes an Independent Contractor Agreement for all work. A sample of the **Independent Contractor Agreement** is provided on the following pages.

Park District of Highland Park
2022 Moraine Park Path Improvements

INDEPENDENT CONTRACTOR AGREEMENT

THIS AGREEMENT entered into by and between <NAME OF CONTRACTOR> (hereafter "CONTRACTOR") and the PARK DISTRICT OF HIGHLAND PARK (hereafter "AGENCY").

WHEREAS, CONTRACTOR will be performing services and work for AGENCY in accordance with the following: Advertisement for Bid including Bid Form <NAME OF PROJECT> dated <DATE (long form i.e. July, 25, 2011)>; the documents referenced therein; CONTRACTOR's Bid in response to the Advertisement for Bid for <NAME OF PROJECT> (hereafter "Proposal"); all of which are attached hereto and incorporated herein as **Exhibit A**;

WHEREAS, Exhibit A, together with this document, collectively comprise the agreement of the parties and are hereafter referred to as the "Agreement"; and

WHEREAS, CONTRACTOR may have subcontractors, material suppliers and one or more employees engaged in the performance of said work; and

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained, and other good and valuable consideration received and to be received, the CONTRACTOR hereby agrees:

1. To comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and or other governmental unit or regulatory body now in effect during the performance of the work. By way of example, the following are included within the scope of the laws, regulations and rules referred to in this paragraph, but in no way to operate as a limitation on the laws, regulations and rules with which CONTRACTOR must comply, are all forms of Workers Compensation Laws, all terms of the Equal Employment Opportunity Clause of the Illinois Fair Employment Practices Commission, the Illinois Preference Act, the Social Security Act, Statutes relating to contracts let by units of government, all applicable Civil Rights and Anti-Discrimination Laws and Regulations, and traffic and public utility regulations.
2. To the fullest extent permitted by law, to waive any and all rights of contribution against AGENCY and to indemnify and hold harmless AGENCY 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, expert fees and court costs) arising out of or resulting from the performance of the CONTRACTOR's work, provided that any such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or injury to or destruction of property, other than the work itself, including the loss of use resulting therefrom, or is attributable to misuse or improper use of trademark or copyright protected material or otherwise protected intellectual property, to the extent it is caused in whole or in part by any wrongful or negligent act or omission of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. Such obligation shall not be construed to negate, abridge or otherwise reduce any other right to indemnity which AGENCY would otherwise have. CONTRACTOR shall similarly, protect, indemnify and hold and save harmless, AGENCY, its officers, officials, employee, volunteers and agents against and from any and all claims, costs, causes, actions and expenses, including, but not limited to, legal fees, incurred

Park District of Highland Park
2022 Moraine Park Path Improvements

by reason of CONTRACTOR's breach of any of its obligations under, or CONTRACTOR's default of any provisions of the Contract. The indemnification obligations under this paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for CONTRACTOR or any subcontractor under Workers' Compensation or Disability Benefit Acts or Employee Benefit Acts.

3. To keep in force, to the satisfaction of AGENCY, at all times during the performance of any work referred to above, Workers Compensation and Employer's Liability Insurance, Commercial General Liability Insurance, and Automobile Insurance in at least the type and amounts as follows:
 - a. Workers' Compensation:
 - i. State: Statutory
 - ii. Applicable Federal (e.g., Longshoremen's): Statutory
 - iii. Employer's Liability
 - \$1,000,000.00 Per Accident
 - \$1,000,000.00 Disease, Policy Limit
 - \$1,000,000.00 Disease, Each Employee
 - b. Commercial General Liability:
 - \$2,000,000.00 General Aggregate
 - \$1,000,000.00 Products Completed Operations Aggregate
 - \$1,000,000.00 Personal and Advertising Injury
 - \$1,000,000.00 Each Occurrence
 - \$ 50,000.00 Fire Damage (any one fire)
 - \$ 5,000.00 Medical Expense (any one person)
 - c. Business Automobile Liability (including owned, non-owned and hired vehicles):
 - i. Bodily Injury:
 - \$1,000,000.00 Per Person
 - \$1,000,000.00 Per Accident
 - ii. Property Damage
 - \$1,000,000.00 Per Occurrence
 - iii. Umbrella Excess Liability:
 - \$2,000,000.00 over Primary Insurance
4. To have all policies of insurance purchased or maintained in fulfillment hereof name AGENCY as an additional insured thereunder and the CONTRACTOR shall provide AGENCY with Certificates 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. No such policy of insurance shall have a deductible or self-insurance retention amount in excess of \$5,000.00 per occurrence. All insurance shall be written on an "occurrence" basis rather than a "claims-made" basis. Failure of AGENCY to demand any certificate, endorsement or other evidence of full compliance with these insurance requirements or failure of AGENCY 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 CONTRACTOR agrees that the obligation to provide the insurance required by these documents is solely its responsibility and that this is a requirement which cannot be waived by any conduct, action, inaction or omission by the AGENCY. Upon request, the CONTRACTOR will provide copies of any or all policies of insurance maintained in fulfillment hereof.

Park District of Highland Park
2022 Moraine Park Path Improvements

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

Failure to maintain the required insurance may result in termination of this Contract at AGENCY's option.

5. CONTRACTOR shall cause each consultant employed by CONTRACTOR to purchase and maintain insurance of the type specified above. When requested by the AGENCY, CONTRACTOR shall furnish copies of certificates of insurance evidencing coverage for each consultant.
6. For any claims related to this contract, CONTRACTOR insurance coverage shall be primary insurance as respects the AGENCY, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the AGENCY, its officers, officials, employees, or volunteers shall be excess of the CONTRACTOR insurance and shall not contribute with it.
7. Nothing contained in this contract is to be construed as limiting the liability of the CONTRACTOR, the liability of any Subcontractor or any tier or either of their respective insurance carriers. The AGENCY does not, in any way, represent that the coverages or limits of insurance specified is sufficient or adequate to protect the AGENCY, or CONTRACTOR, but are merely minimums. The obligations of CONTRACTOR to purchase insurance shall not, in any way, limit its obligations to the AGENCY in the event that the AGENCY should suffer an injury or loss in excess of the amount recoverable through insurance, or any loss or portion of a loss which is not covered by FIRM's insurance.
8. CONTRACTOR shall maintain commercial general liability (CGL) and commercial umbrella liability insurance with a limit of not less than limits outlined herein for at least three years following substantial completion of the work.
9. All insurance provided by CONTRACTOR shall be placed with insurers with a current A.M. Best's rating of 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, AGENCY has the right to reject insurance written by an insurer it deems unacceptable.
10. All certificates shall provide for 30 days written notice to owner prior to the cancellation or material change of any insurance referred to therein written notice to AGENCY shall be certified mail, return receipt requested.
11. AGENCY reserves the right to modify these requirements herein, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstance.
12. CONTRACTOR hereby grants to AGENCY a waiver of any right to subrogation which any insurer of said CONTRACTOR may acquire against the AGENCY by virtue of the payment of

Park District of Highland Park
2022 Moraine Park Path Improvements

any loss under such insurance. CONTRACTOR agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the AGENCY has received a waiver of subrogation endorsement from the insurer.

13. To furnish any affidavit or Certificate in connection with the work covered by this agreement as required by law.
14. AGENCY may terminate this Agreement for cause upon 24 hours written notice of breach to CONTRACTOR and for convenience and without cause upon not less than seven days' written notice to CONTRACTOR. In the event of termination for other than cause, CONTRACTOR shall be compensated for services performed prior to termination (applying a pro-rata apportionment to the anticipated schedule of services) together with Reimbursable Expenses then due.
15. To the extent that the Prevailing Wage Act applies, CONTRACTOR agrees to pay and require every Subcontractor to pay prevailing wages as established by the Illinois Department of Labor for each craft or type of work needed to execute the contract in accordance with 820 ILCS 130/.01 et seq. The Illinois Department of Labor publishes the prevailing wage rates on its website at: <https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> CONTRACTOR is advised that the Department revises the prevailing wage rates and the CONTRACTOR has an obligation to check the Department's web site for revisions. The CONTRACTOR shall prominently post the current schedule of prevailing wages at the Contract site and shall notify immediately in writing all of its Subcontractors, of all changes in the schedule of prevailing wages. Any increases in costs to the CONTRACTOR due to changes in the prevailing rate of wage during the terms of any contract shall be at the expense of the CONTRACTOR and not at the expense of the Owner. The change order shall be computed using the prevailing wage rates applicable at the time the change order work is scheduled to be performed. The CONTRACTOR shall be solely responsible to maintain accurate records as required by the prevailing wage statute and to obtain and submit all such certified records to the Illinois Department of Labor Certified Transcript of Payroll Portal at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/CertifiedTranscriptOfPayroll.aspx> as required by Statute. CONTRACTOR shall furnish AGENCY confirmation that certified payroll was submitted. In lieu of certified payroll, CONTRACTOR shall submit a letter setting forth the basis upon which CONTRACTOR has concluded the Act does not apply. The CONTRACTOR shall be solely liable for paying the difference between prevailing wages and any wages actually received by laborers, workmen and/or mechanics engaged in the Work and in every way defend and indemnify the AGENCY against any claims arising under or related to the payment of wages in accordance with the Prevailing Wage Act.
16. If contract sum is equal or above \$50,000, then the CONTRACTOR, before commencing the Work, shall furnish a Performance Bond and a Labor and Material Payment Bond. Contract amounts below \$50,000 may still require a bond at the discretion of the AGENCY and will be identified in the bid or proposal form. The Performance Bond shall be in an amount equal to 100% of the full amount of the Contract Sum as security for the faithful performance of the obligation of the Contract Documents, and the Labor and Material Payment Bond shall be in an amount equal to 100% of the full amount of the Contract Sum as security for the payment of all persons performing labor and furnishing materials in connection with the Contract Documents.

Park District of Highland Park
2022 Moraine Park Path Improvements

Such bonds shall be on standard AIA Documents, shall be issued by a surety satisfactory to the AGENCY, and shall name the AGENCY as a primary co-obligee. The cost of the bonds is to be included in the Bid Proposal. 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 a Contract and supply the required Bonds within ten (10) days after the Notice of Award or within such extended period as the AGENCY may grant if the forms do not meet its approval shall constitute a default, and the AGENCY may either award the Contract to the next responsible, responsive Bidder or re-advertise for bids. A charge against the defaulting Bidder may be made for the difference between the amount of 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 bid guarantee.

17. CONTRACTOR agrees to maintain, without charge to the AGENCY, all records and documents for projects of the AGENCY in compliance with the Freedom of Information Act, 5 ILCS 140/1 et seq. In addition, CONTRACTOR shall produce records which are responsive to a request received by the AGENCY under the Freedom of Information Act so that the Owner may provide records to those requesting them within the time frames required. If additional time is necessary to compile records in response to a request, then CONTRACTOR shall so notify the AGENCY and if possible, the AGENCY shall request an extension so as to comply with the Act. In the event that the AGENCY is found to have not complied with the Freedom of Information Act due to CONTRACTOR's failure to produce documents or otherwise appropriately respond to a request under the Act, then CONTRACTOR shall indemnify and hold the AGENCY harmless, and pay all amounts determined to be due including but not limited to fines, costs, attorneys' fees and penalties.

IT IS MUTUALLY UNDERSTOOD AND AGREED that the CONTRACTOR shall have the full control of the ways and means of performing the work referred to above and that the CONTRACTOR or its employees, representatives or subcontractors are in no sense employees of the AGENCY, it being specifically agreed that the CONTRACTOR bears the relationship of an independent contractor to the AGENCY.

This agreement shall be in full force and effect from the _____ day of _____, 20____ until such time as it is terminated by the AGENCY.

PARK DISTRICT OF HIGHLAND PARK

<NAME OF CONTRACTOR>

Print Name

Print Name

Signature

Signature

Title

Date

Title

Date

Park District of Highland Park
2022 Moraine Park Path Improvements

SCOPE OF WORK

The scope of work for the Moraine Park Path Improvements consists of the removal of the existing stone path and retaining walls. Spoil will be done on site. The stone path will be replaced with approximately 250 feet of five-foot-wide boardwalk. The project will also include helical piles, helical tie backs, gabion baskets at ravine shoreline, boulder placement, hand grading and installation of perforated drains at tableland, directional boring approximately 125 feet of 6” pipe from the bottom of ravine to the tableland, construction fencing, tree protection and restoration of all disturbed areas.

Park District of Highland Park
2022 Moraine Park Path Improvements

DRAWINGS

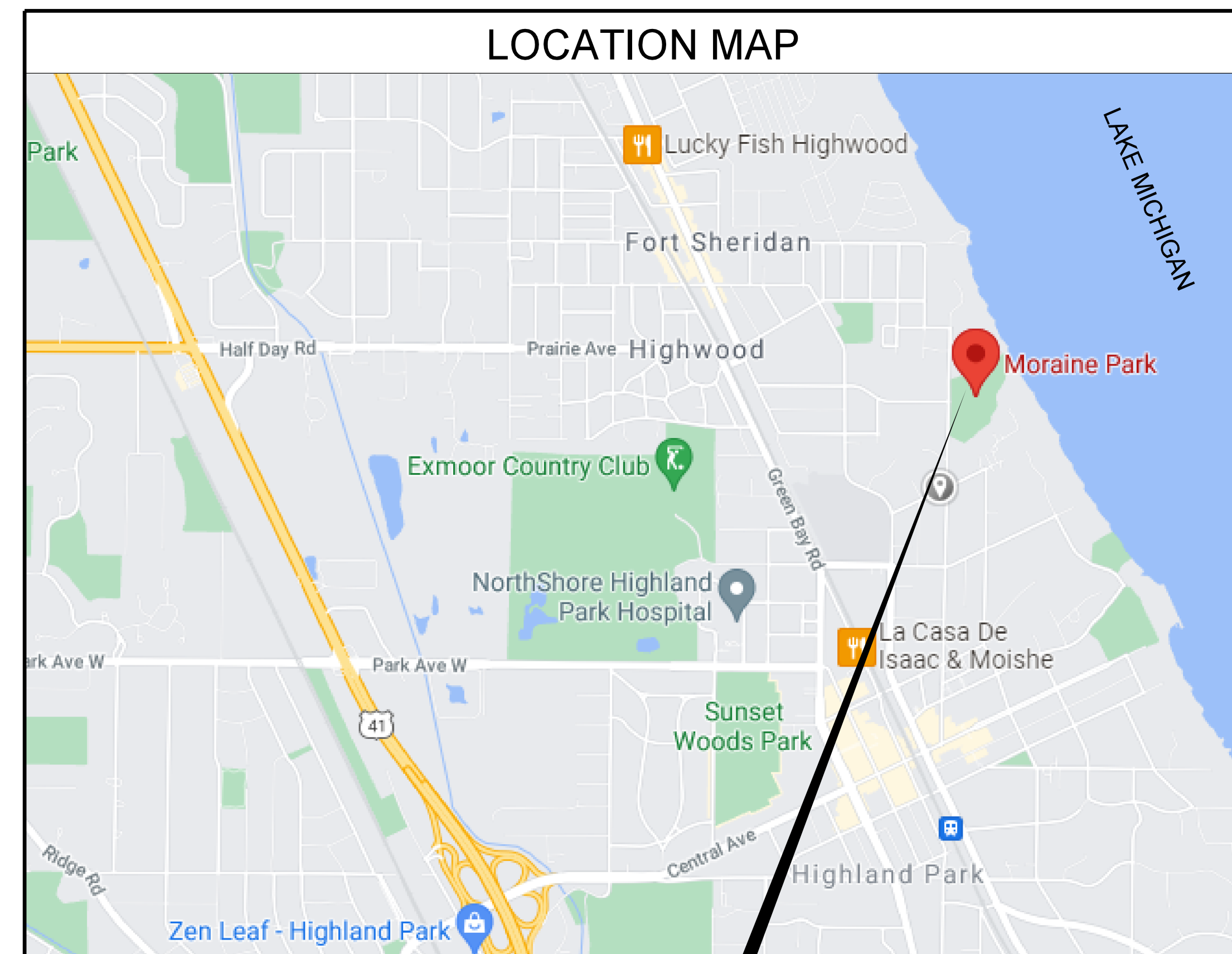
No.	Title	Date
	Moraine Park Proposed Site Improvement Plans	
Sheet 1	Cover Sheet	1-31-2022
Sheet 2	General Layout Plan	1-31-2022
Sheet 3	Existing Conditions and Construction Access Plan	1-31-2022
Sheet 4	Existing Conditions and Demolition Plan	1-31-2022
Sheet 5	Details and Notes	1-31-2022
Sheet 6	Details and Notes	1-31-2022
	Moraine Park Path Boardwalk	
S1.1	Plans and Notes	1-31-2022
S2.1	Sections and Details	1-31-2022
S2.2	Stair Sections	1-31-2022

MORAINES PARK

PROPOSED SITE PATH IMPROVEMENTS

HIGHLAND PARK, ILLINOIS 60035

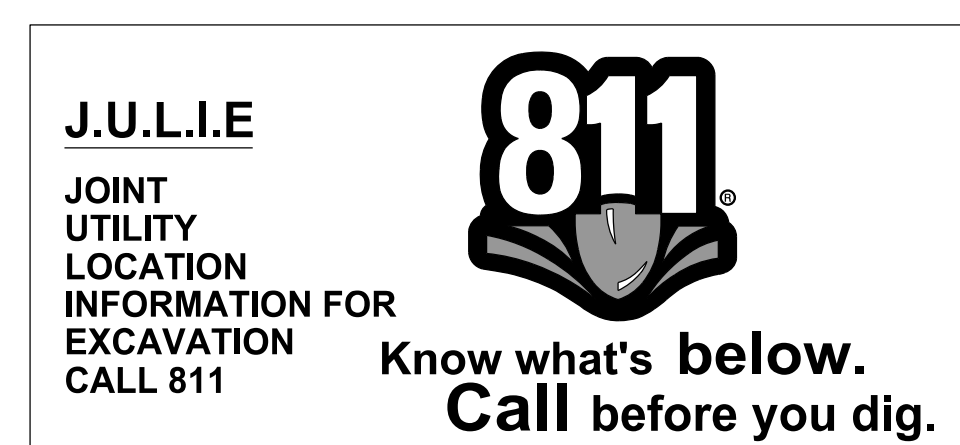
UTILITY LEGEND	
EXISTING	PROPOSED
	STORM SEWER
	SANITARY SEWER
	WATER MAIN
	MANHOLE
	CATCH BASIN
	INLET
	FIRE HYDRANT
	VALVE VAULT
	LIGHT POLE
	POWER POLE



INDEX OF SHEETS	
SHEET 1	COVER SHEET
SHEET 2	GENERAL LAYOUT PLAN
SHEET 3	EXISTING CONDITIONS AND CONSTRUCTION ACCESS PLAN
SHEET 4	EXISTING CONDITIONS AND DEMOLITION PLAN
SHEET 5	PROPOSED GRADING AND DRAINAGE PLAN
SHEET 6	DETAILS AND NOTES

SITE BENCHMARK(SBM): Arrow Bolt on Fire Hydrant East of Parking Lot,
Elevation=653.96, NAVD'88

Benchmark Determined Using GPS With the
Illinois East 1201 Coordinate System, NAVD'88



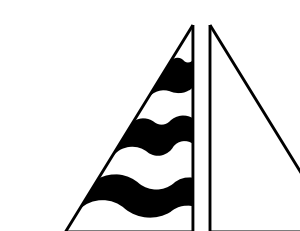
PROJECT LOCATION

2/21/2022

DANIEL A. CREANEY
PE 062-33917
EXPIRATION DATE: 11/30/23

DATE	SHEET	REVISION
1-31-2022	ALL	ISSUED FOR PERMIT & BID
1-26-2022	ALL	PARK DISTRICT REVIEW

THESE PLANS OR ANY PART
THERE OF SHALL BE CONSIDERED
VOID WITHOUT THE ENGINEER'S
ORIGINAL SIGNATURE, SEAL,
AND ENDORSEMENT DATE



DATE: 9-17-2021

DANIEL CREANEY COMPANY
CONSULTING CIVIL ENGINEERS
450 SKOKIE BLVD. SUITE 105
NORTHBROOK, ILLINOIS (847) 480-5757

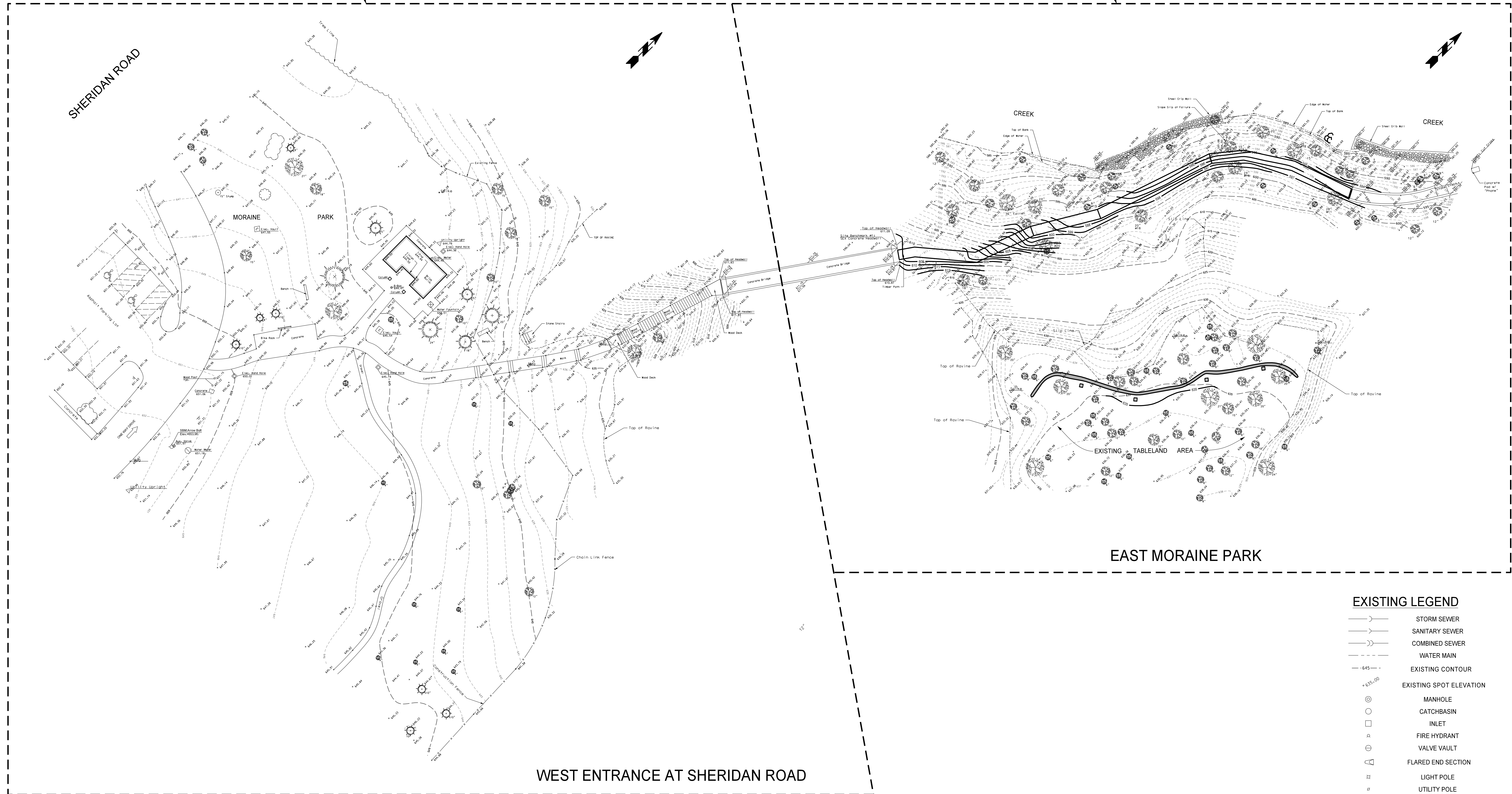
JOB NO.: 7906-A

SHEET
1
OF 6

SEE SHEET 3

SEE SHEET 4 & 5

Water Level = 584.34, 11-29-2019



EXISTING LEGEND

- STORM SEWER
- SANITARY SEWER
- COMBINED SEWER
- WATER MAIN
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- MANHOLE
- CATCHBASIN
- INLET
- FIRE HYDRANT
- VALVE VAULT
- FLARED END SECTION
- LIGHT POLE
- UTILITY POLE
- CABLE TELEVISION
- ELECTRIC
- GAS
- TELEPHONE
- TREE

SITE BENCHMARK(SBM): Arrow Bolt on Fire Hydrant East of Parking Lot, Elevation=653.96, NAVD'88

Benchmark Determined Using GPS With the Illinois East 1201 Coordinate System, NAVD'88

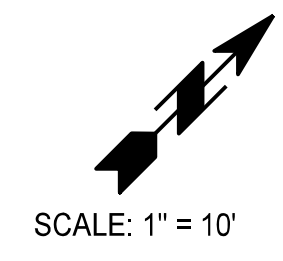
	DANIEL CREANEY COMPANY CONSULTING CIVIL ENGINEERS 450 SKOKIE BLVD., SUITE 105 NORTHBROOK, ILLINOIS (847) 480-5757			
	DESIGNED BY: R.H.	CHECKED BY: R.H.	SCALE: 1" = 20'	
DRAWN BY: J.S.	JOB NO.: 7906-A	BOOK: 262		

MORaine PARK PATH BOARDWALK PARK DISTRICT OF HIGHLAND PARK HIGHLAND PARK, ILLINOIS	
GENERAL LAYOUT PLAN	

1-31-2022	R.H.	ISSUED FOR PERMIT & BID			
1-28-2022	R.H.	PARK DISTRICT REVIEW			
DATE	BY	REVISION			

SHEET
2
OF 6
DATE 9-17-2021

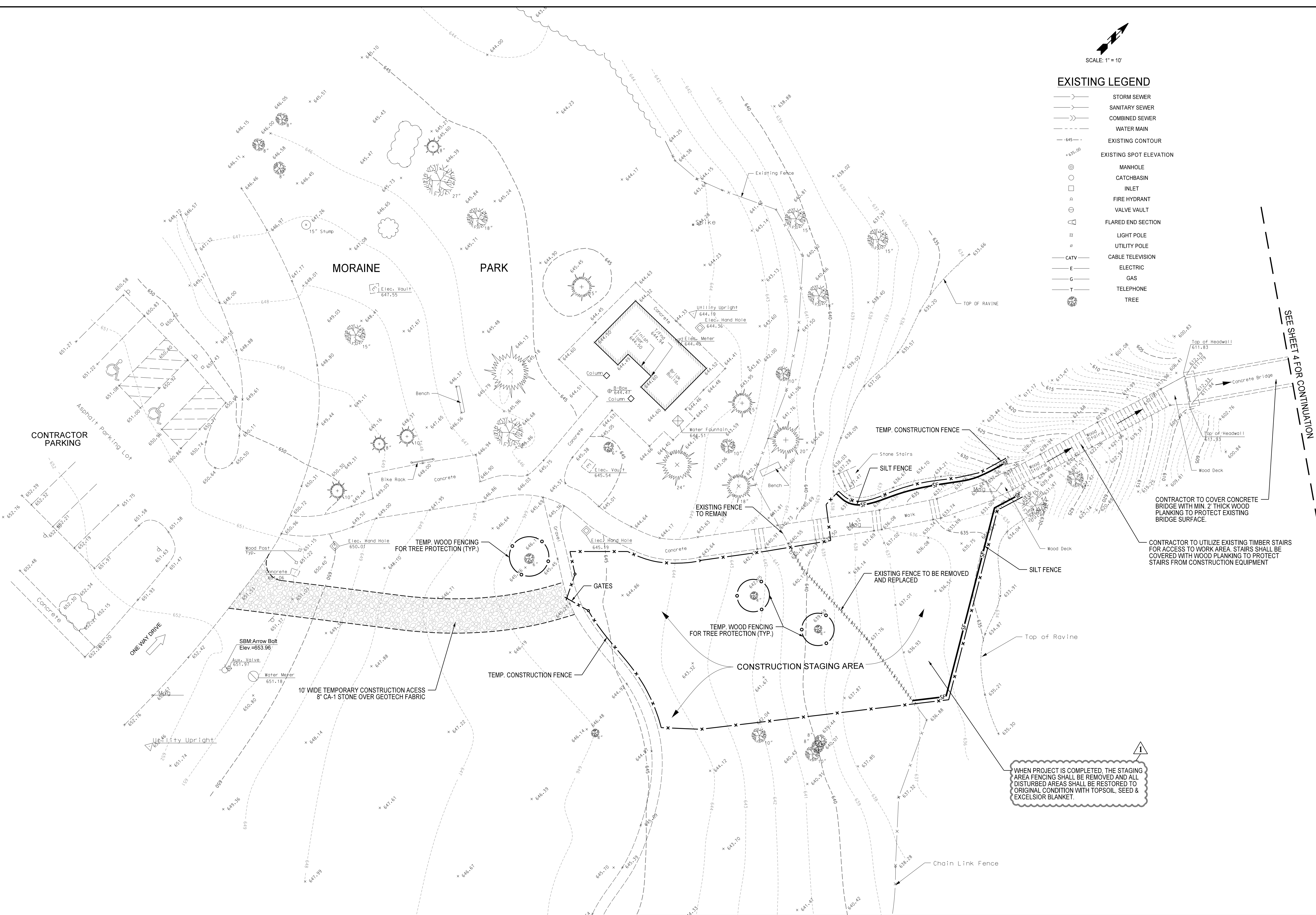
2/20/2022 J:\DCC\7906-A\CAD\02_DCC_General Layout Plot.dgn



SCALE: 1" = 10'

EXISTING LEGEND

- STORM SEWER
- SANITARY SEWER
- COMBINED SEWER
- WATER MAIN
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- MANHOLE
- CATCHBASIN
- INLET
- FIRE HYDRANT
- VALVE VAULT
- FLARED END SECTION
- LIGHT POLE
- UTILITY POLE
- CABLE TELEVISION
- ELECTRIC
- GAS
- TELEPHONE
- TREE



SEE SHEET 4 FOR CONTINUATION

CONTRACTOR TO COVER CONCRETE BRIDGE WITH MIN. 2" THICK WOOD PLANKING TO PROTECT EXISTING BRIDGE SURFACE.

CONTRACTOR TO UTILIZE EXISTING TIMBER STAIRS FOR ACCESS TO WORK AREA. STAIRS SHALL BE COVERED WITH WOOD PLANKING TO PROTECT STAIRS FROM CONSTRUCTION EQUIPMENT

1

WHEN PROJECT IS COMPLETED, THE STAGING AREA FENCING SHALL BE REMOVED AND ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION WITH TOPSOIL, SEED & EXCLOSURE BLANKET.

DANIEL CREANEY COMPANY
 CONSULTING CIVIL ENGINEERS
 450 SKOKIE BLVD., SUITE 105
 NORTHBROOK, ILLINOIS (847) 480-5757

DESIGNED BY: R.H. CHECKED BY: R.H. SCALE: 1" = 10'
 DRAWN BY: J.S. JOB NO.: 7906-A BOOK: 262

MORAIINE PARK PATH BOARDWALK
 PARK DISTRICT OF HIGHLAND PARK
 HIGHLAND PARK, ILLINOIS

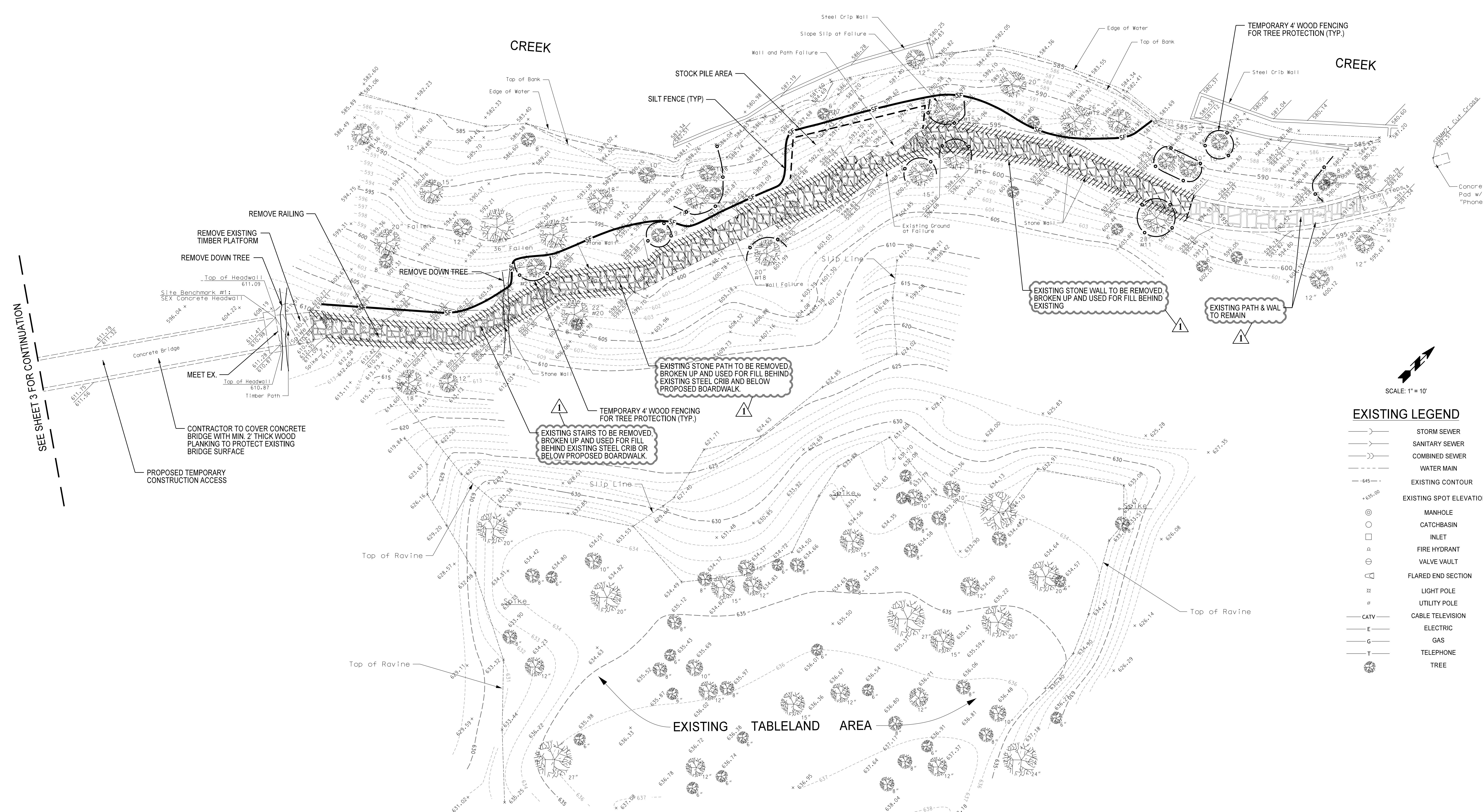
EXISTING CONDITIONS AND SITE MANAGEMENT PLAN

1-31-2022	R.H.	ISSUED FOR PERMIT & BID
1-28-2022	R.H.	PARK DISTRICT REVIEW
DATE	BY	REVISION

SHEET	3
OF	6
DATE	9-17-2021

2/20/2022 J:\DCC\7906-A\CAD\03_DCC_Existing Conditions and Construction Access.dgn

2/20/2022 J:\DCC\7906-A\04\04_DCC_Existing Conditions and Construction Access.dgn



SEE SHEET 3 FOR CONTINUATION

SCALE: 1" = 10'

EXISTING LEGEND

	STORM SEWER
	SANITARY SEWER
	COMBINED SEWER
	WATER MAIN
	EXISTING CONTOUR
	EXISTING SPOT ELEVATION
	MANHOLE
	CATCHBASIN
	INLET
	FIRE HYDRANT
	VALVE VAULT
	FLARED END SECTION
	LIGHT POLE
	UTILITY POLE
	CABLE TELEVISION
	ELECTRIC
	GAS
	TELEPHONE
	TREE

<p>DANIEL CREANEY COMPANY CONSULTING CIVIL ENGINEERS 450 SKOKIE BLVD. SUITE 105 NORTHBROOK, ILLINOIS (847) 480-5757</p>	<p>MORaine PARK PATH BOARDWALK PARK DISTRICT OF HIGHLAND PARK HIGHLAND PARK, ILLINOIS</p>		<p>SHEET 4 OF 6</p>
	<p>DESIGNED BY: R.H. CHECKED BY: R.H. SCALE: 1" = 10' DRAWN BY: J.S. JOB NO.: 7906-A BOOK: 262</p>	<p>EXISTING CONDITIONS AND DEMOLITION PLAN</p>	<p>1-31-2022 R.H. ISSUED FOR PERMIT & BID 1-28-2022 R.H. PARK DISTRICT REVIEW</p>

PROJECT NO. 7906-A

2/21/2022 J:\DCC\7906-A\GD\05_DCC_Proposed_Site_Improvements_Plan.dgn

DIRECTIONAL DRILLING CONTINGENCY PLAN

The Illinois Environmental Protection Agency requires that, at a minimum, a contingency plan be used to minimize environmental impacts due to uncontrolled releases of drilling mud (assumed to be bentonite plus additives). The proposed plan must be approved prior to construction.

Introduction

Unfortunately, every directional drilling project has the potential for the uncontrolled release ("frac out") of drilling mud into the environment. The release of drilling mud will adversely impact wetland ecosystems. Drilling mud typically consist of mixtures of water, bentonite clay and an emulsifier such as guar gum. Bentonite in wetlands has a sealing action and can destroy a wetlands ability to interact with the ground water. Furthermore, bentonite can smother benthic communities (things that live in the bottom sediments) and create water that is so turbid that little light reaches submerged plant life. Therefore, a contingency plan is needed to immediately and effectively respond to drilling mud releases into the environment.

Treatment Alternatives

There are three primary ways to keep drilling mud out of the environment:

1. Minimize drilling pressures to keep the mud from fracturing out of the soil and if a frac out is identified, stop drilling immediately;
2. Contain any frac outs; and
3. Use anionic polymers to remove suspended bentonite from water.

Containment

The most practical method for containment of drilling mud in upland areas is construction of a barrier placed around a frac out area to keep the mud contained to a small area. The barrier can be made of lightweight materials, such as aluminum or plastic, and should have handles so it can be easily taken to the frac out area. The barrier may be sandbags, silt fence or other measure as long as it is effective and can be installed immediately. Containment in wetlands and flowing streams is much more difficult because, once suspended in the water, the bentonite is so fine it will pass through most containment structures like silt fence or turbidity barriers. The most practical approach in open water is to immediately stop drilling and isolate the area using a turbidity barrier or containment box, as appropriate. The contained water must then be removed using a vacuum truck or treated with appropriate anionic polymers and removed by vacuum or manual methods.

Polymers

Polymers are branched organic molecules that grab onto small suspended particles resulting in one large particle that is heavy enough to settle out of the water. There are essentially two kinds of polymers, cationic and anionic. Cationic polymers can be toxic to freshwater aquatic life (they stick onto gills) and should not be used. There are a wide variety of types and forms of anionic polymers available but they do not all work equally well in removing suspended clay from water. A knowledgeable polymer vendor must evaluate the site-specific conditions and

recommend appropriate polymers to use and how to use them. This evaluation and recommendation should take place during the design phase of the project so appropriate polymers can be available on-site during all phases of the work.

Polymers are only required to be available onsite if drilling will be under or near streams or other wetlands.

Contingency Plan contents

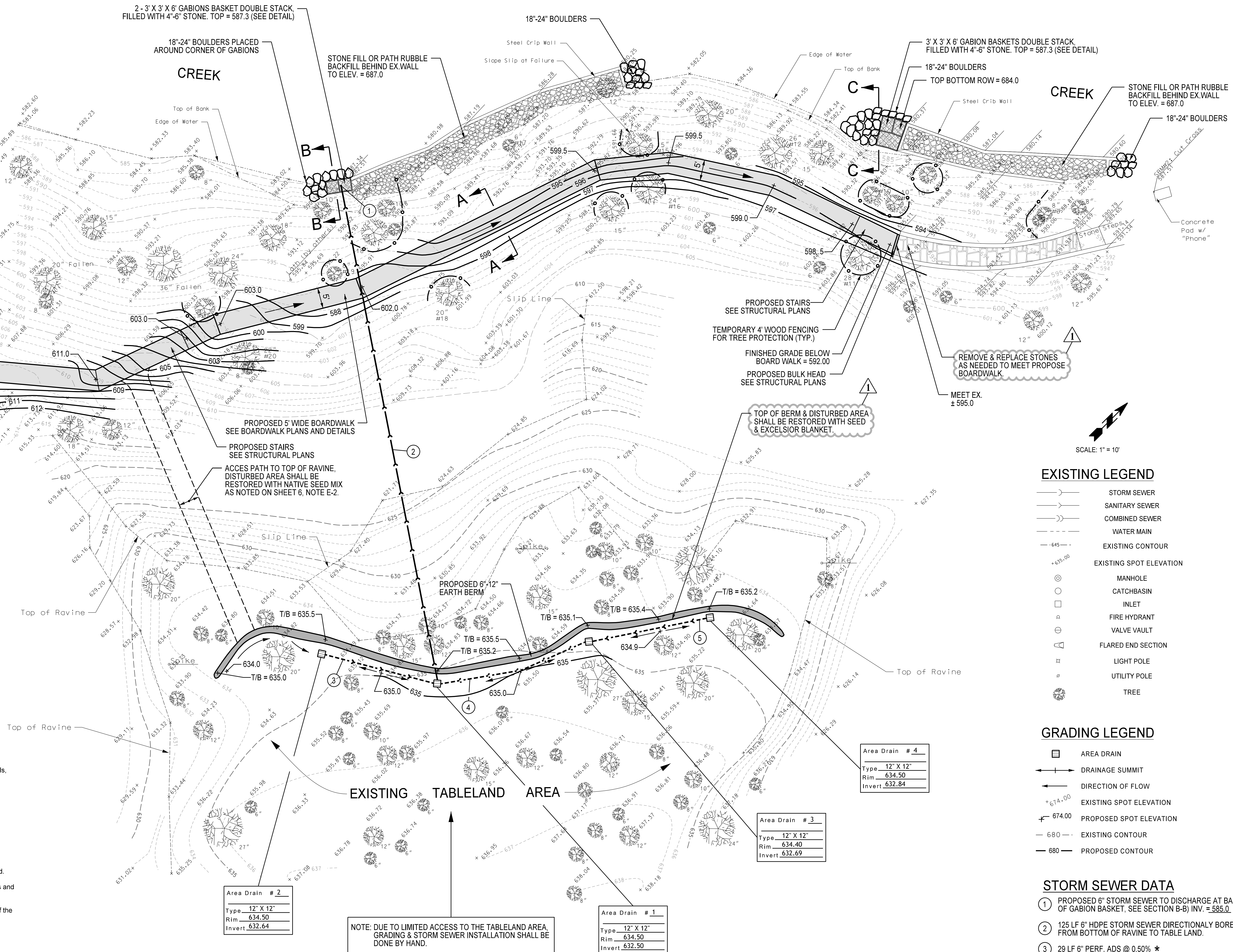
The Engineer shall require, at a minimum, a Contingency Plan with the following components:

General Information Requirements

1. Name, address and phone number of onsite drilling company representative;
2. Material Safety data Sheet (MSDS) for drilling mud constituents;
3. Name, address and phone number of anionic polymer vendor;
4. Catalog cut sheets for each recommended polymer, directions for use and any limitations;
5. A brief narrative discussing the directional drilling operation, identification of likely problem locations and proposed methods of ensuring that frac outs do not occur or are properly contained.

Minimum Operational Requirements

1. At least one vacuum truck or other measures must be onsite during all drilling operations and at least one additional vacuum truck shall be readily available or on stand-by at a nearby location, as appropriate.
2. At least one fill time person to walk the drilling route and identify frac outs and coordinate remediation. This may best be accomplished by a Designated Erosion Control Inspector (DECI).
3. Verification of adequate polymer stored onsite to treat at least one release onto wetlands or streams with the understanding that additional polymer will be procured if the first is used.
4. IEPA must be contacted immediately if a frac out affects wetland areas. Appropriate telephone numbers should be a part of the contingency plan. Each frac out must be summarized in daily reports to the IEPA detailing the amount of drilling mud released, the method of containment, remediation method used and any additional relevant information.
5. IEPA will require a line item in the engineer's estimate for the performance guarantee for cleanup of frac outs. This portion of the performance guarantee will be used to clean up or stabilize impacted areas if the contractor fails to take immediate corrective action.



EXISTING LEGEND

- > STORM SEWER
- > SANITARY SEWER
- > COMBINED SEWER
- > WATER MAIN
- EXISTING CONTOUR
- +635.00 EXISTING SPOT ELEVATION
- MANHOLE
- CATCHBASIN
- INLET
- △ FIRE HYDRANT
- ▽ VALVE VAULT
- ▽ FLARED END SECTION
- LIGHT POLE
- UTILITY POLE
- TREE

GRADING LEGEND

- ▭ AREA DRAIN
- DRAINAGE SUMMIT
- DIRECTION OF FLOW
- +674.00 EXISTING SPOT ELEVATION
- +674.00 PROPOSED SPOT ELEVATION
- 680 --- EXISTING CONTOUR
- 680 --- PROPOSED CONTOUR

STORM SEWER DATA

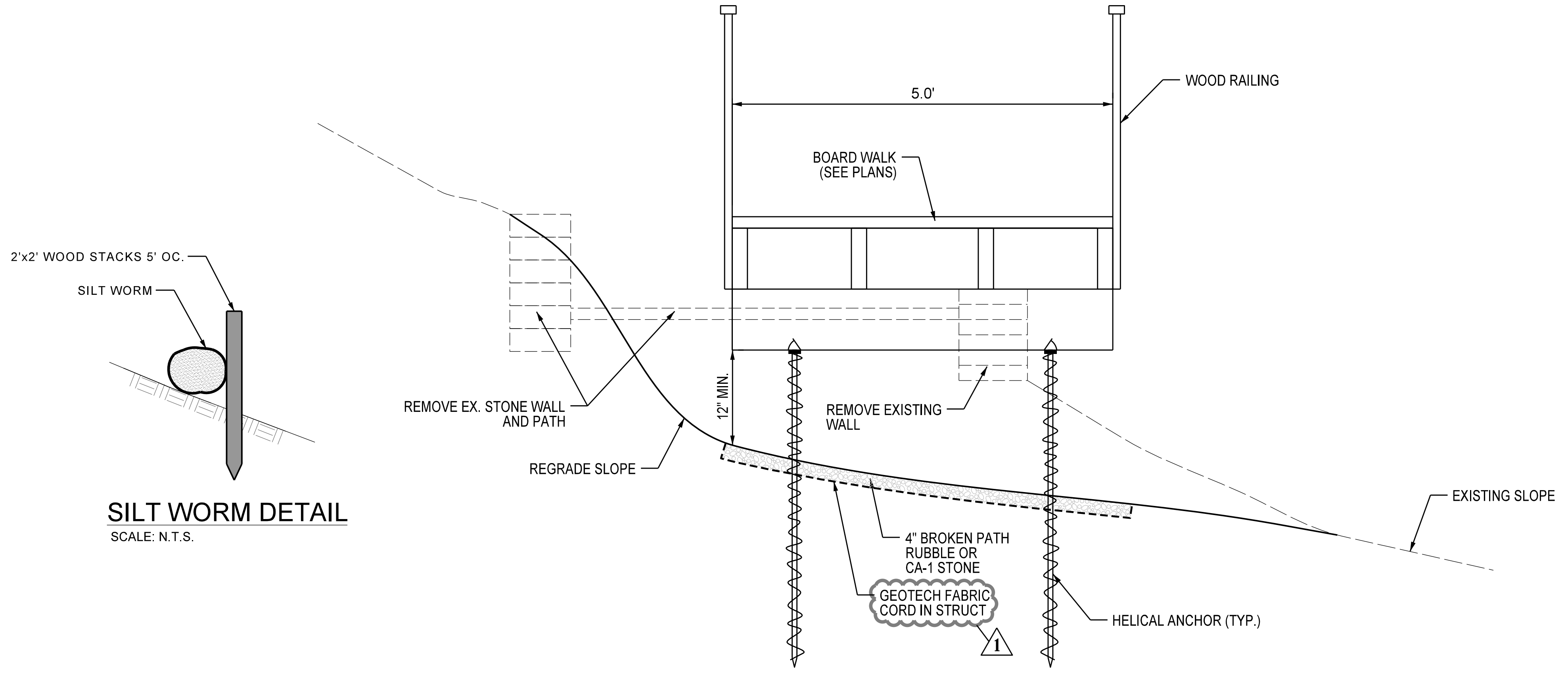
- 1 PROPOSED 6" STORM SEWER TO DISCHARGE AT BACK OF GABION BASKET, SEE SECTION B-B) INV. = 585.0
 - 2 125 LF 6" HDPE STORM SEWER DIRECTIONALLY BORED FROM BOTTOM OF RAVINE TO TABLE LAND.
 - 3 29 LF 6" PERF. ADS @ 0.50% *
 - 4 38 LF 6" PERF. ADS @ 0.50% *
 - 5 30 LF 6" PERF. ADS @ 0.50% *
- * PERFORATED PIPE TO BE INSTALLED WITH FILTER SOOK.

DANIEL CREANEY COMPANY CONSULTING CIVIL ENGINEERS 450 SKOKIE BLVD., SUITE 105 NORTHBROOK, ILLINOIS (847) 480-5757	MORaine PARK PATH BOARDWALK PARK DISTRICT OF HIGHLAND PARK HIGHLAND PARK, ILLINOIS		SHEET 5 OF 6
	PROPOSED GRADING AND DRAINAGE PLAN		DATE 1-31-2022 BY R.H. REVISION ISSUED FOR PERMIT & BID DATE 1-28-2022 BY R.H. REVISION PARK DISTRICT REVIEW
DESIGNED BY: R.H. CHECKED BY: R.H. SCALE: 1" = 10' DRAWN BY: J.S. JOB NO.: 7906-A BOOK: 262	PROJECT NO. 7906-A		

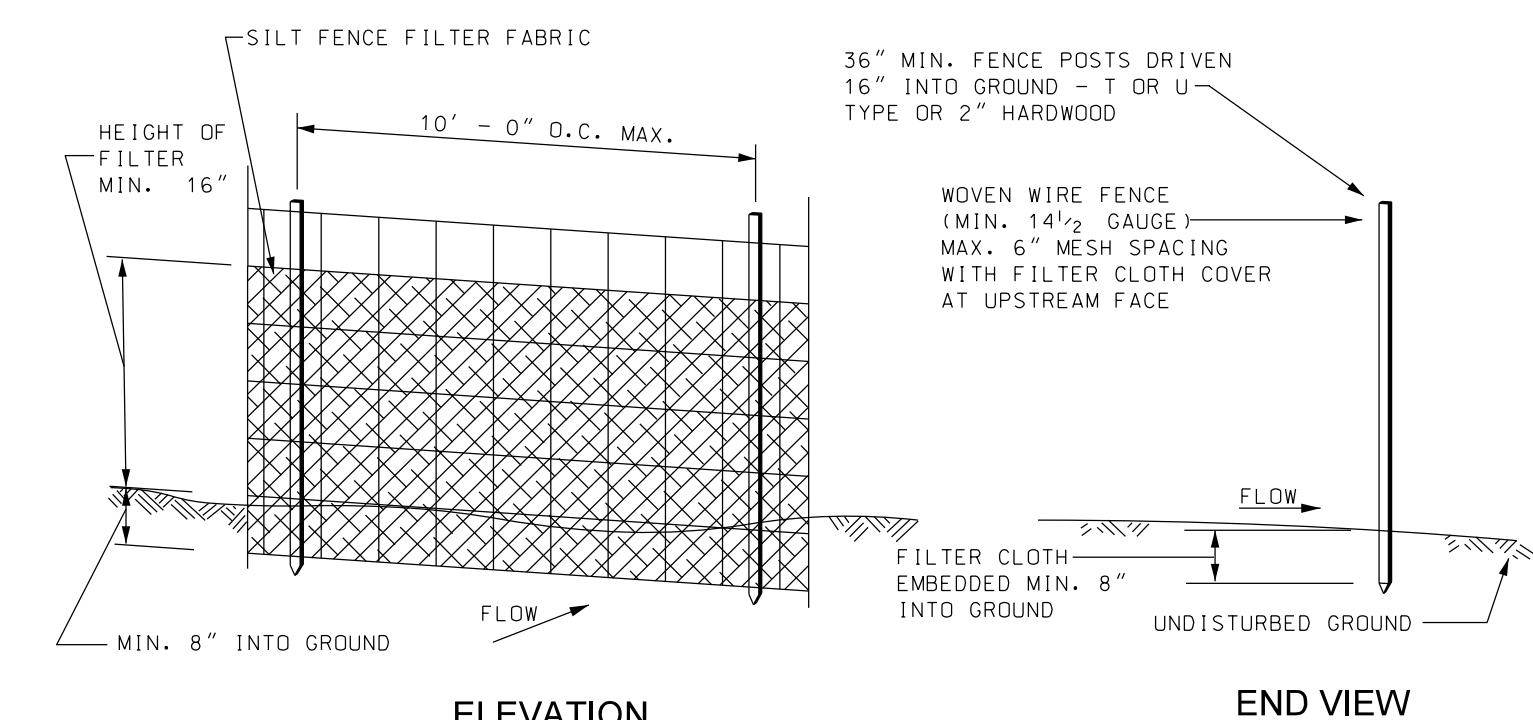
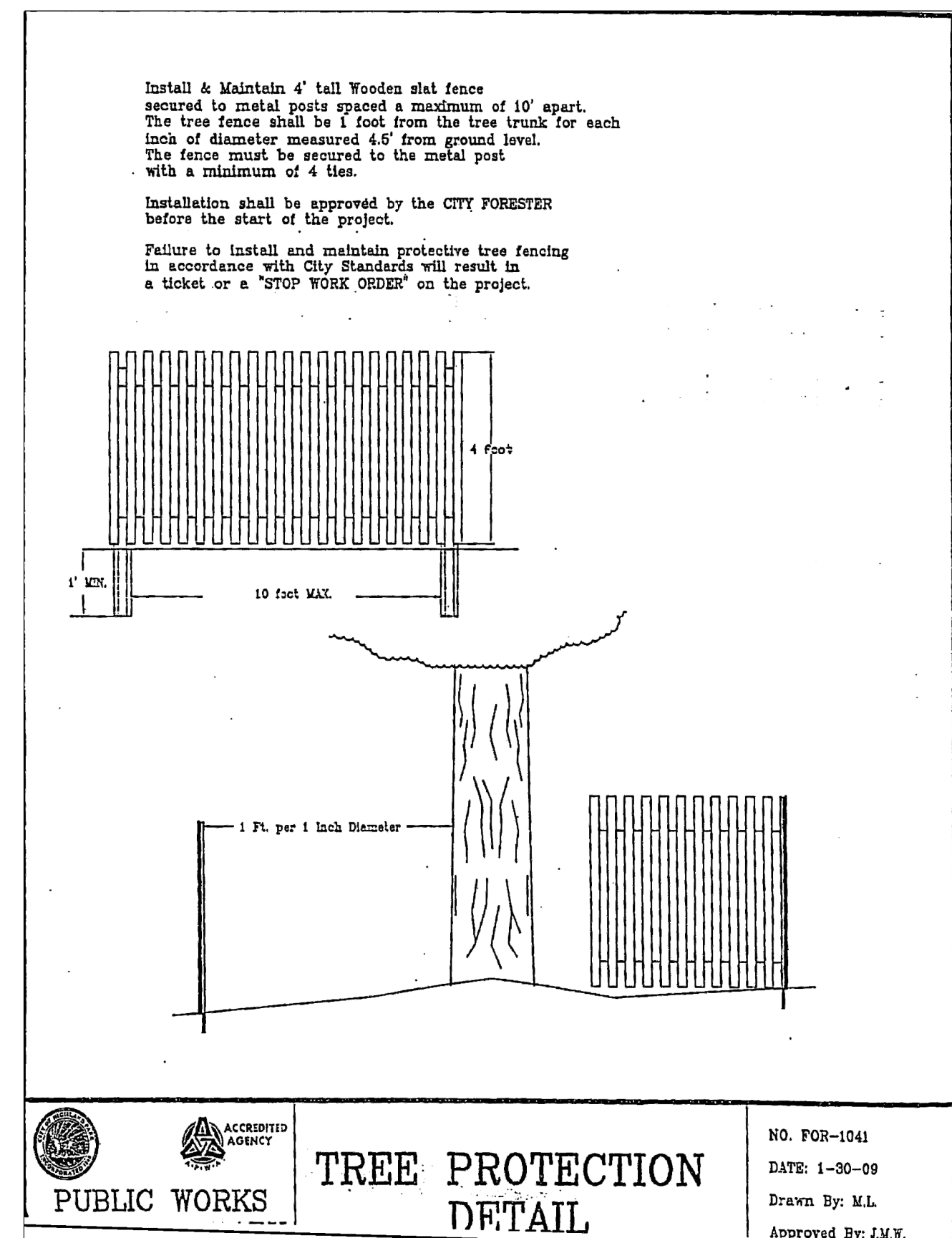
GENERAL NOTES/SPECIFICATIONS

- A. GENERAL
- 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.
 - 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.
 - WORK
WORK SHALL MEAN THE FURNISHING OF ALL LABOR, MATERIAL, EQUIPMENT AND OTHER INCIDENTALS NECESSARY OR CONVENIENT TO THE SUCCESSFUL COMPLETION OF THE IMPROVEMENTS DESIGNED BY THE ENGINEER AND SHOWN ON THIS SET OF PLANS. WORK SHALL ALSO INCLUDE CARRYING OUT OF ALL THE DUTIES AND OBLIGATIONS IMPOSED BY THE AGREEMENT BETWEEN THE PARK DISTRICT OF HIGHLAND PARK AND THE CONTRACTOR FOR THE PROPER INSTALLATION AND ACCEPTANCE OF THE IMPROVEMENTS DESIGNED BY THE ENGINEER AND SHOWN ON THIS SET OF PLANS.
 - COMPLIANCE WITH LOCAL ORDINANCES
ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF HIGHLAND PARK'S ORDINANCES AND STANDARDS.
 - GUARANTEE
ALL WORK PERFORMED BY THE CONTRACTOR AND/OR SUBCONTRACTOR UNDER THIS CONTRACT SHALL BE GUARANTEED TO THE CITY OF HIGHLAND PARK AND PARK DISTRICT OF HIGHLAND PARK BY EACH CONTRACTOR AND SUBCONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS AFTER FINAL ACCEPTANCE OF THE WORK AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE.
 - EXISTING UTILITIES
WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION AND ELEVATIONS OF UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO LOCATION AND ELEVATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDERS. THE ENGINEER AND THE PARK DISTRICT OF HIGHLAND PARK ASSUME NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION AND ELEVATION OF UTILITY FACILITIES, NOR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT IS EACH CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE ACTUAL LOCATION AND ELEVATION OF ALL UTILITIES. EACH CONTRACTOR AND SUBCONTRACTOR SHALL OBTAIN FROM ALL 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.
- EACH CONTRACTOR AND SUBCONTRACTOR PERFORMING UNDERGROUND WORK SHALL CONTACT J.U.L.I.E. AT 1-800-892-0123 AT LEAST 48 HOURS PRIOR TO START OF WORK.
- SAFETY OF WORK
EACH CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROCEDURES IN CONNECTION WITH THE WORK. EACH CONTRACTOR AND SUBCONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE THE NECESSARY PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO:
 - ALL EMPLOYEES ON THE WORK AND OTHER PERSONS AND ORGANIZATIONS WHO MAY BE AFFECTED THEREBY;
 - ALL THE WORK AND MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, WHETHER IN STORAGE ON OR OFF THE SITE; AND
 - OTHER PROPERTY AT THE SITE OR ADJACENT THERETO, INCLUDING TREES, SHRUBS, LAWNS, WALKS, PAVEMENTS, ROADWAYS, STRUCTURES, UTILITIES AND UNDERGROUND FACILITIES NOT DESIGNATED FOR REMOVAL, RELOCATION OR REPLACEMENT IN THE COURSE OF CONSTRUCTION.
 - EACH CONTRACTOR AND SUBCONTRACTOR SHALL DESIGNATE A RESPONSIBLE REPRESENTATIVE AT THE SITE WHOSE DUTY SHALL BE THE PREVENTION OF ACCIDENTS. THIS PERSON SHALL BE THE CONTRACTOR'S SUPERINTENDENT OR OTHER PERSON DESIGNATED IN WRITING BY THE CONTRACTOR TO PARK DISTRICT OF HIGHLAND PARK.
 - EXISTING ELEVATIONS AND LOCATIONS
EVERY CONTRACTOR AND SUBCONTRACTOR SHALL VERIFY THE ELEVATIONS AND LOCATIONS OF ALL EXISTING INFORMATION AS SHOWN ON THE PLANS AND NOTIFY THE ENGINEER OF ALL DISCREPANCIES, IN WRITING, PRIOR TO THE COMMENCEMENT OF THE WORK.
- EXISTING UNDERGROUND UTILITIES SHALL BE EXPOSED BY THE CONTRACTORS AND SUBCONTRACTORS PRIOR TO THE START OF CONSTRUCTION TO DETERMINE IF A PROBLEM OR CONFLICT EXISTS WITH THE PROPOSED IMPROVEMENTS AND TO AVOID DELAYS IN THE PROGRESS OF THE WORK ONCE THE WORK COMMENCES.
- NOTIFICATION
THE CITY OF HIGHLAND PARK'S ENGINEER SHALL BE NOTIFIED BY EVERY CONTRACTOR AND SUBCONTRACTOR AT LEAST TWO WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - COMPLIANCE WITH LAWS AND REGULATIONS
EVERY CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE SAFETY LAWS, REGULATIONS AND ORDINANCES, AND FEDERAL SAFETY REGULATIONS AS OUTLINED IN THE LATEST REVISIONS OF THE FEDERAL CONSTRUCTION SAFETY STANDARDS AND WITH ALL PROVISIONS AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS. EACH CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFE WORKING PLACE FOR HIS EMPLOYEES. EACH CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR THE SUPERVISION, DIRECTION AND CONDUCT OF THEIR EMPLOYEES, AGENTS, MATERIAL SUPPLIERS AND VENDORS.
 - INDEMNIFY AND HOLD HARMLESS
EVERY CONTRACTOR AND SUBCONTRACTOR, BY USING THESE PLANS FOR HIS WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE PARK DISTRICT OF HIGHLAND PARK, THE CITY OF HIGHLAND PARK, DANIEL CREANEY COMPANY (THE ENGINEER), HIS EMPLOYEES AND AGENTS WHILE ACTING WITHIN THE SCOPE OF THEIR DUTIES FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, DAMAGES, AND THE COST OF DEFENSE ARISING OUT OF THE CONTRACTOR'S OR SUBCONTRACTOR'S PERFORMANCE OF THE WORK DESCRIBED HEREIN, BUT NOT INCLUDING THE SOLE NEGLIGENCE OF THE PARK DISTRICT OF HIGHLAND PARK, HIS AGENTS, THE ENGINEER, HIS EMPLOYEES AND AGENTS.
- EVERY CONTRACTOR AND SUBCONTRACTOR SHALL PROVIDE ALL REQUIRED INSURANCE TO THE LIMITS REQUIRED BY THE PARK DISTRICT OF HIGHLAND PARK AND CITY OF HIGHLAND PARK PRIOR TO THE START OF CONSTRUCTION. BY USE OF THESE PLANS, EACH CONTRACTOR AND SUBCONTRACTOR AGREES TO NAME THE CITY OF HIGHLAND PARK, DANIEL CREANEY COMPANY, ITS EMPLOYEES AND AGENTS, AND THE PARK DISTRICT OF HIGHLAND PARK AS ADDITIONAL INSURED.
- TRAFFIC CONTROL
TRAFFIC CONTROL SHALL BE USED WHEN NECESSARY AS DETERMINED BY THE CONTRACTOR AND SUBCONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE CITY OF HIGHLAND PARK AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARDS. COST OF TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE CONTRACT.
 - UTILITY TRENCHES
ALL UTILITY TRENCHES UNDER AND WITHIN TWO FEET OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC., SHALL BE BACKFILLED WITH CA-6 CRUSHED STONE (GRADE 8 OR 9), COMPACTED IN 9" LIFTS TO 95% OF MODIFIED PROCTOR.
 - GRASS AREAS
ALL GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY PLACING A MINIMUM 6" TOPSOIL, SEED AND EXCELSIOR BLANKET.
 - EXISTING RAVINE DRAINAGE
EXISTING RAVINE DRAINAGE SHALL BE MAINTAINED DURING CONSTRUCTION. THE RAVINE SLOPE SHALL BE RESTORED BY GRADING TO UNIFORM SLOPE AND SEEDING.
 - PAVEMENT DISTURBED DURING CONSTRUCTION
ANY EXISTING PAVEMENT DISTURBED DURING CONSTRUCTION SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF HIGHLAND PARK AND I.D.O.T. STANDARDS.

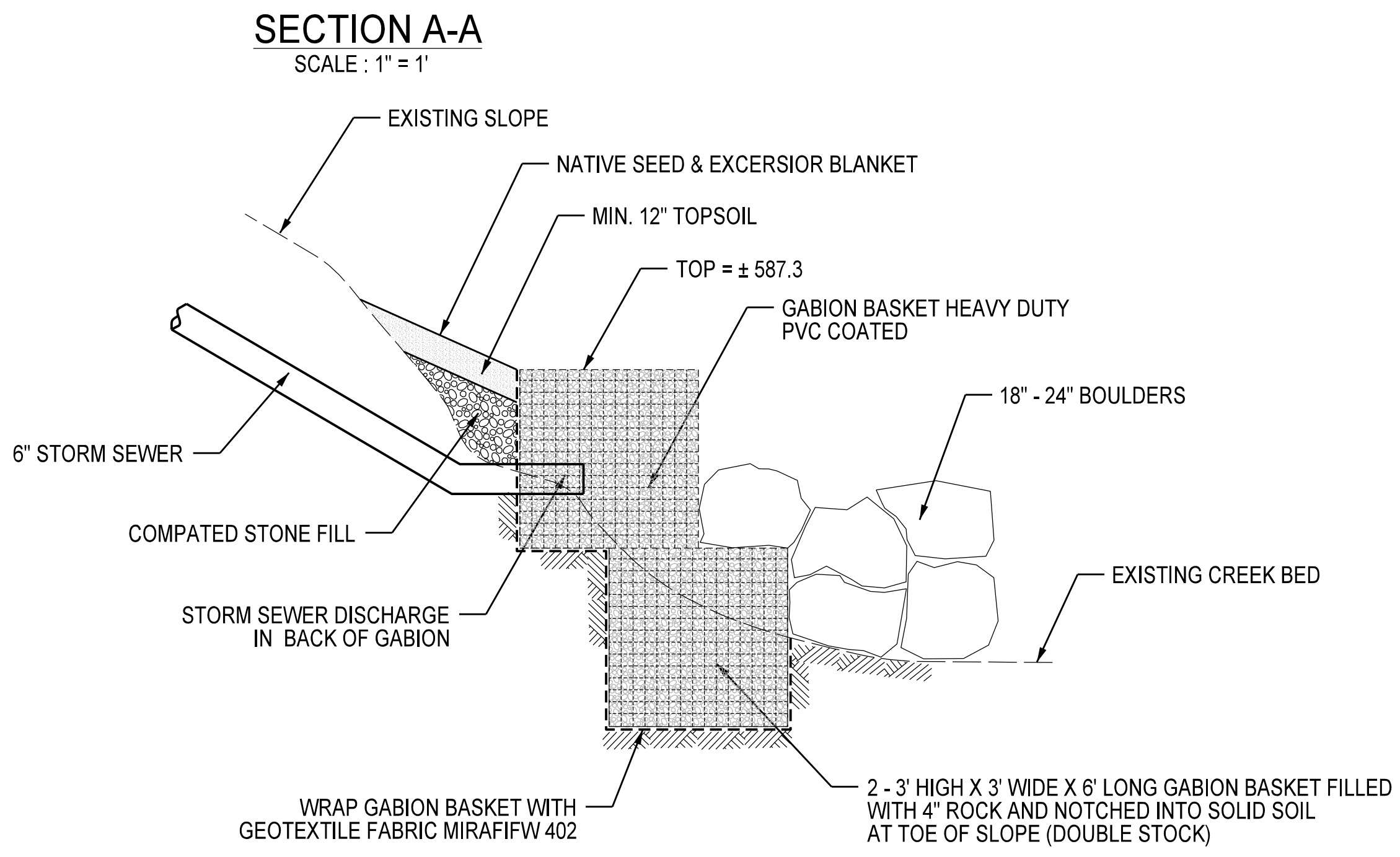
- EXISTING DRAIN TILE
ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, PROPERLY REROUTED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.
 - ITEMS NOT SPECIFICALLY SHOWN
ALL ITEMS THAT ARE NOT SPECIFICALLY SHOWN ON THE PLANS OR IN THE SUMMARY OF QUANTITIES BUT CAN REASONABLY BE INTERPRETED TO BE INCLUDED IN THE WORK DESCRIBED SHALL BE INCIDENTAL TO THE COST OF THE CONTRACT.
 - RECORD DRAWINGS
EACH CONTRACTOR AND SUBCONTRACTOR SHALL MAINTAIN AND KEEP UP TO DATE A SET OF "RECORD DRAWINGS" SHOWING ALL CHANGES FROM THE ORIGINAL PLANS. ALL CONTRACTORS AND SUBCONTRACTORS SHALL DELIVER THE "RECORD DRAWINGS" TO THE ENGINEER AT THE CONCLUSION OF THE PROJECT.
 - SHEETING AND BRACING
WHERE DETERMINED BY THE CONTRACTOR AND/OR SUBCONTRACTOR, SHEETING AND BRACING SHALL BE PLACED IN THE TRENCH AS MAY BE NECESSARY FOR THE SAFETY OF THE WORK AND PUBLIC. FOR THE PROTECTION OF THE WORKMEN, ADJACENT PROPERTIES, PAVEMENT OR STRUCTURES, AND FOR THE PROPER INSTALLATION OF THE WORK, IN ANY EVENT, THE MINIMUM PROTECTION SHALL CONFORM TO THE RECOMMENDATIONS IN O.S.H.A. SAFETY AND HEALTH STANDARDS FOR CONSTRUCTION.
 - NOTICE TO CONTRACTOR
BEFORE BEGINNING CONSTRUCTION, EACH CONTRACTOR AND SUBCONTRACTOR MUST VERIFY THE LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE PLANS, THEY MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR AND SUBCONTRACTOR ASSUMES FULL RESPONSIBILITY.
 - CONTRACTOR(S)
FOR THE PURPOSES OF THESE SPECIFICATIONS, THE TERMS CONTRACTOR AND SUBCONTRACTOR SHALL MEAN ANY PERSON OR ENTITY THAT PROVIDES WORK FOR THE IMPROVEMENTS AS SHOWN ON THESE PLANS. THE ENGINEER, PARK DISTRICT OF HIGHLAND PARK AND THE ARCHITECT ARE NOT CONSIDERED CONTRACTORS OR SUBCONTRACTORS.
- B. STORM SEWER
- ALL H.D.P.E. PIPE SHALL CONFORM TO TYPE III, CLASS B (OR BETTER) CATEGORY 5, GRADE P34 AS DEFINED IN ASTM D-1248 AND/OR D-3350 WITH CELL CLASSIFICATION PE395434C, OR HIGHER. THE JOINING METHOD SHALL CONFORM TO ASTM D-2657.
 - ALL P.V.C. STORM SEWER SHALL BE POLYVINYL CHLORIDE PIPE, SDR-26, CONFORMING TO ASTM D-3034 WITH GASKET JOINTS CONFORMING TO ASTM D-3212.
 - ALL AREA DRAINS SHALL BE NYLOPLAST BASINS AND SHALL BE CONSTRUCTED AND INSTALLED TO THE MANUFACTURER'S SPECIFICATIONS AND WITH THE PROPER FITTINGS AT THE PIPE CONNECTION POINTS. ALL BASINS AND GRATES SHALL BE RATED FOR H-20 TRAFFIC LOADING IN PAVEMENT AND TRAFFIC AREAS AND H-10 TRAFFIC LOADING IN LAWN AREAS.
- C. EARTHWORK
- EARTHWORK UNDER THIS CONTRACT WILL INCLUDE, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:
 - INSTALL ALL EROSION CONTROL MEASURES AS REQUIRED.
 - PROTECTION OF CERTAIN TREES, AS DIRECTED BY THE PARK DISTRICT OF HIGHLAND PARK.
 - DEMOLITION & REMOVAL OF EXISTING STONE PATH & WALLS AND STOCKPILE FOR LATER USE.
 - REGRADE OF SLOPE ADJACENT & BELOW PROPOSED BOARDWALK.
 - CLAY EXCAVATION, PLACEMENT AND COMPACTION AS NECESSARY TO OBTAIN DESIGN ELEVATIONS FOR RAVINE SLOPE AREAS.
 - REMOVAL OF ALL EXCESS MATERIALS FROM THE SITE LEAVING SUFFICIENT TOPSOIL FOR LANDSCAPING, INCLUDING BERMS.
 - ALL WORK SHALL CONFORM TO THE APPLICABLE PROVISIONS OF SECTION 200 OF THE STANDARD SPECIFICATIONS.
- D. SOIL EROSION CONTROL
- SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATION.
 - CONTRACTOR AND SUBCONTRACTOR SHALL INSPECT THE SILT WORM FILTERS, AND SILT FENCING PERIODICALLY AND MAINTAIN OR REPLACE AS NECESSARY.
 - ALL OTHER SOIL EROSION CONTROL DEVICES AND MEASURES DEEMED NECESSARY BY THE CITY ENGINEER SHALL BE IMPLEMENTED IMMEDIATELY UPON NOTIFICATION OF THE CONTRACTOR AND SUBCONTRACTOR.
 - THE EARTHWORK CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS AS SHOWN ON THE PLANS AND ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES. THE COST OF ALL WORK NECESSARY TO MEET THESE REQUIREMENTS SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT, UNLESS A SEPARATE PAY ITEM IS SHOWN.
- E. RESTORATION AND TREE PRESERVATION
- ALL OFF-SITE AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY SEEDING, EXCEPT WHERE SOD IS SPECIFICALLY INDICATED ON THE PLANS.
 - DISTURBED AREAS ON THE RAVINE SLOPE SHALL BE RESTORED WITH LAKE MICHIGAN BLUFF NATIVE SPECIES PER MIX 26 NATIVE SEEDS PER SQUARE FOOT: 300 NATIVE FOE NE ILLINOIS 23.34 NATIVE FOE ILLINOIS 21.18 NATIVE MEAN C VALUE NE ILLINOIS 4.58 NATIVE MEAN C VALUE ILLINOIS 4.15 MEAN W VALUE NE ILLINOIS 2.92 MEAN W VALUE ILLINOIS 2 - GENESIS NURSERY - HOME.
 - SEEDING SHALL INCLUDE A MINIMUM OF 6 INCHES OF TOPSOIL AND SHALL BE DONE IN CONFORMANCE WITH SECTION 250 OF I.D.O.T. STANDARD SPECIFICATIONS FOR CLASS 1 SEEDING.
 - SODDING SHALL INCLUDE A MINIMUM OF 6 INCHES OF TOPSOIL AND SHALL BE DONE IN CONFORMANCE WITH SECTION 252 OF I.D.O.T. STANDARDS.
 - CERTAIN TREES WILL BE DESIGNATED BY THE PARK DISTRICT OF HIGHLAND PARK TO BE PRESERVED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE TO SUCH TREES AND SHALL PROVIDE TEMPORARY FENCES AND OTHER MEASURES, AS NECESSARY, WITH ALL MEASURES CONSIDERED AS INCIDENTAL TO THE CONTRACT.
 - ALL DISTURBED LAWN AREAS WITHIN THE PUBLIC RIGHT-OF-WAY/ EASEMENTS WILL BE RESTORED WITH 6" OF TOPSOIL AND SOD AND ALL DAMAGED PORTIONS OF PUBLIC SIDEWALK ARE TO BE REPLACED WITH 5" P.C.C., CLASS S1 OVER A 3" CA-6 BASE.



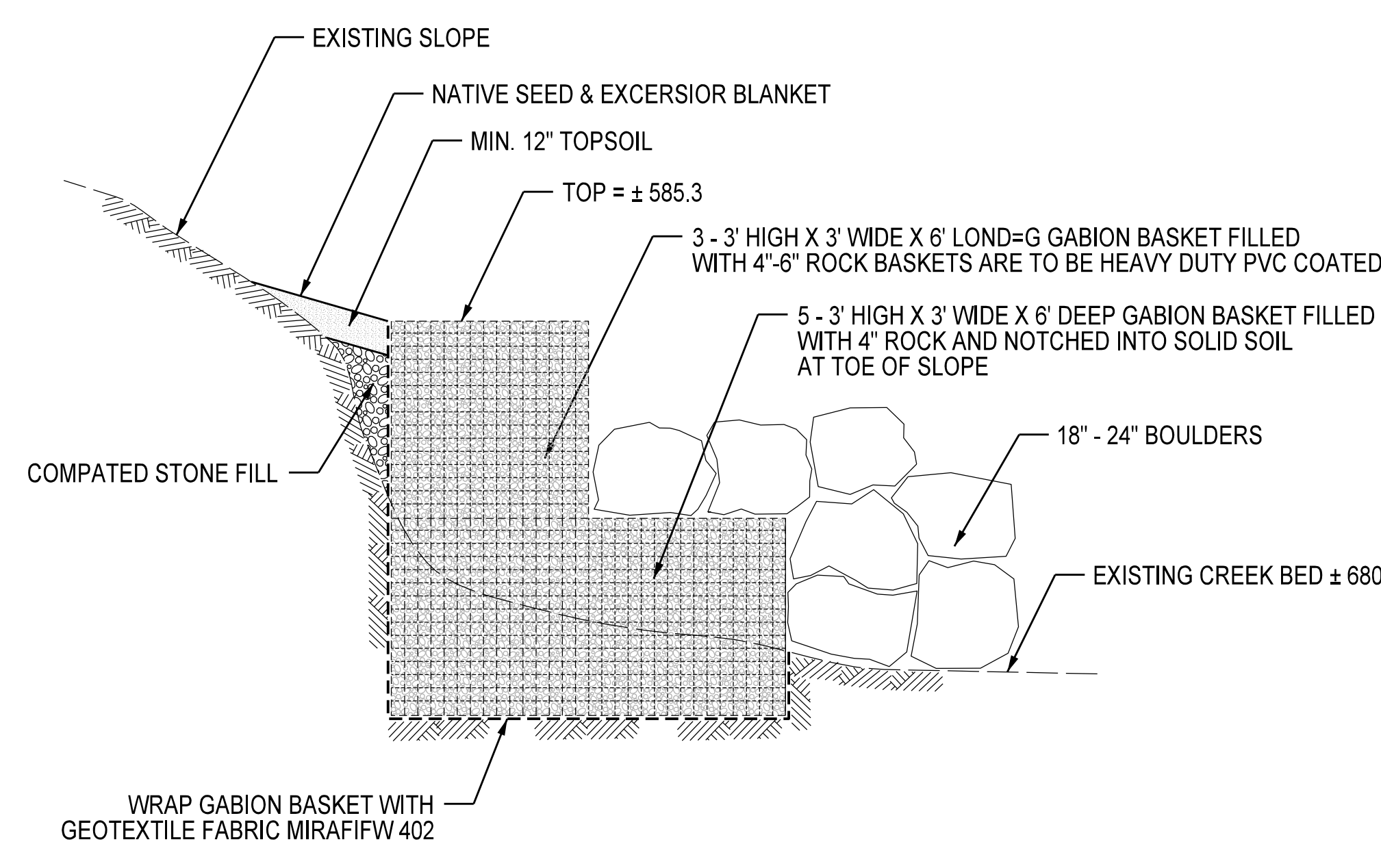
SILT WORM DETAIL
SCALE: N.T.S.



SILT FENCE DETAIL
ELEVATION END VIEW



SECTION A-A
SCALE: 1" = 1'



SECTION B-B
SCALE: 1" = 5'

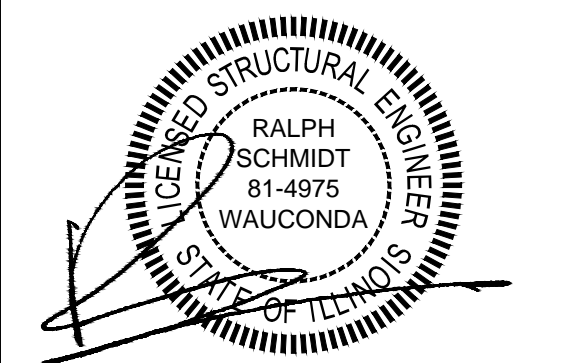


SECTION C-C
SCALE: 1" = 5'

DANIEL CREANEY COMPANY CONSULTING CIVIL ENGINEERS 450 SKOKIE BLVD. SUITE 105 NORTHBROOK, ILLINOIS (847) 480-5757	MORaine PARK PATH BOARDWALK PARK DISTRICT OF HIGHLAND PARK HIGHLAND PARK, ILLINOIS		SHEET 6
	DETAILS AND NOTES		OF 6
DESIGNED BY: <u>R.H.</u> CHECKED BY: <u>R.H.</u> SCALE: <u>1" = 10'</u> DRAWN BY: <u>J.S.</u> JOB NO.: <u>7906-A</u> BOOK: <u>262</u>	DATE: <u>1-31-2022</u> BY: <u>R.H.</u> REVISION: <u>ISSUED FOR PERMIT & BID</u> DATE: <u>1-28-2022</u> BY: <u>R.H.</u> REVISION: <u>PARK DISTRICT REVIEW</u>	DATE: <u>9-17-2021</u>	PROJECT NO. 7906-A

2/20/2022 J:\DCC\7906-A\CA\06_DCC_Details.dgn

MORaine PARK PATH BOARDWALK
PARK DISTRICT OF HIGHLAND PARK
2501 SHERIDAN RD.
HIGHLAND PARK, IL



RALPH SCHMIDT, P.E., S.E.
LICENSED STRUCTURAL ENGINEER
ILLINOIS NO. 81-4975
EXP. DATE: 11-30-22

NO	DATE	ISSUED
---	10/15/21	FOR REVIEW
---	10/27/21	REV LOC. PER CIVIL
---	12/9/21	ADD DETAILS
---	1/6/22	ADD RAILINGS
---	1/31/22	FOR PERMIT AND BID

TITLE
PLAN AND NOTES

THIS DRAWING IS PROTECTED BY COPYRIGHT REGULATIONS. THE INFORMATION SHOWN MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF SCHMIDT ENGINEERING, INC. ALL LEGAL RIGHTS RESERVED.

SHEET
S1.1
121258

HELICAL PILE LOG				
EQUIPMENT: (NOTE: CONTRACTOR TO SUBMIT MFR DATA FOR HELICAL PILES)				
No.	DEPTH (FT)	TORQUE (FT-LB)	LOAD (KIPS)	REMARKS
P-1				
P-2				
P-3				
P-4				
P-5				
P-6				
P-7				
P-8				
P-9				
P-10				
P-11				
P-12				
P-13				
P-14				
P-15				
P-16				
P-17				
P-18				
P-19				
P-20				
P-21				
P-22				
P-23				
P-24				
P-25				
P-26				
P-27				
P-28				
P-29				
P-30				
P-31				
P-32				
P-33				
P-34				
P-35				
P-36				
P-37				
P-38				
P-39				
P-40				
P-41				
P-42				
P-43				
P-44				
P-45				
P-46				
P-47				
P-48				
P-49				
P-50				

TIEBACK INSTALLATION LOG			
EQUIPMENT:			
No.	LENGTH	TORQUE (FT. LBS)	REMARKS
T-1			
T-2			
T-3			
T-4			
T-5			
T-6			
T-7			
T-8			
T-9			
T-10			
T-11			
T-12			
T-13			
T-14			
T-15			
T-16			
T-17			
T-18			
T-19			
T-20			
T-21			
T-22			
T-23			
T-24			
T-25			

NOTES:

GENERAL:

- This project has been designed in accordance with the International Building Code, (IBC 2018). All materials and construction shall comply with the requirements of local codes and ordinances.
- Do not scale drawings. Contractor(s) shall verify all dimensions prior to construction. Should any discrepancies be found between any of the construction documents and/or should field conditions encountered differ, notify the engineer.
- The contractor shall have sole responsibility for the means, methods and safety procedures used to perform the work, including OSHA regulations.
- Contractor shall attend pre-construction and/or progress meetings at owners request. Contractor shall also have a superintendent or qualified representative and a set of plans on site during all work.
- Owner reserves the right to hire an independent testing and/or inspection agency(s). Contractor shall cooperate with owner's representatives.
- Contractor shall maintain a set of as-built construction drawings to be provided upon request.
- Contractor shall be responsible for repairing any damage to existing construction and/or site improvements.

DESIGN LOADS:

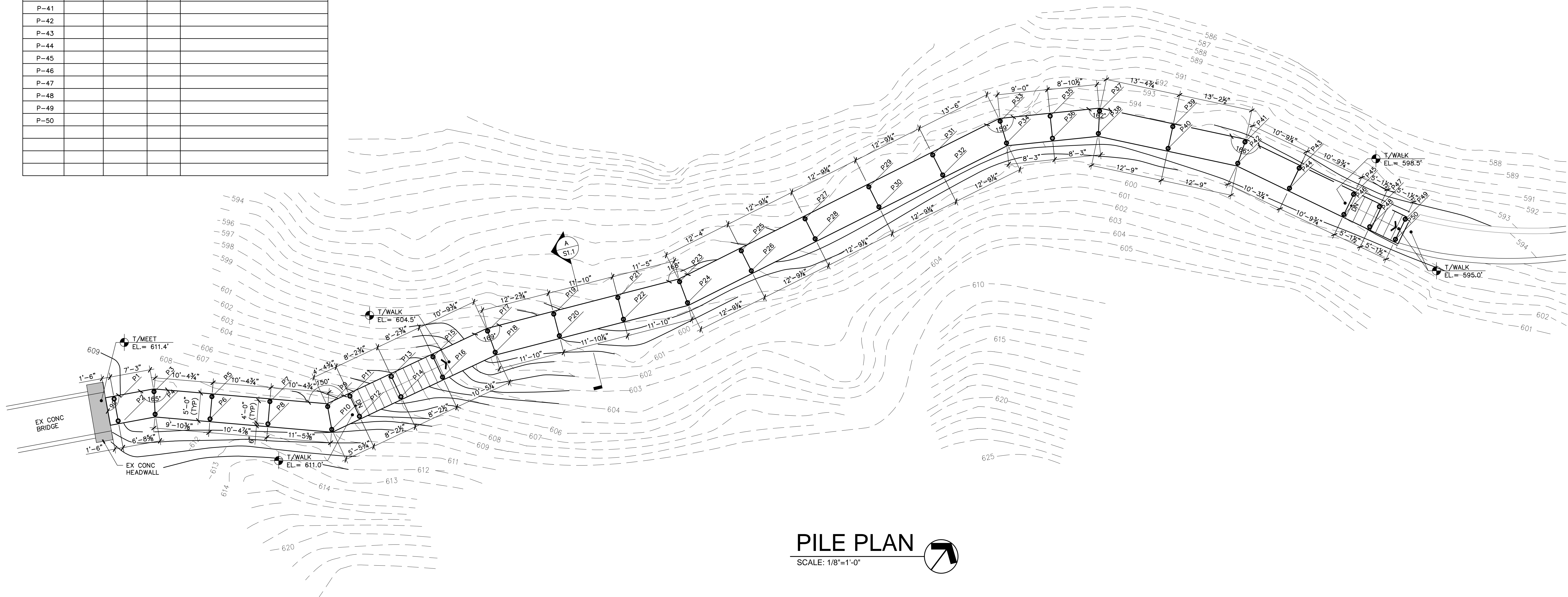
	Live Load, LL	Dead Load, DL
Walkway	100 PSF	20 PSF
Handrail	200 lbs	--

HELICAL PILES:

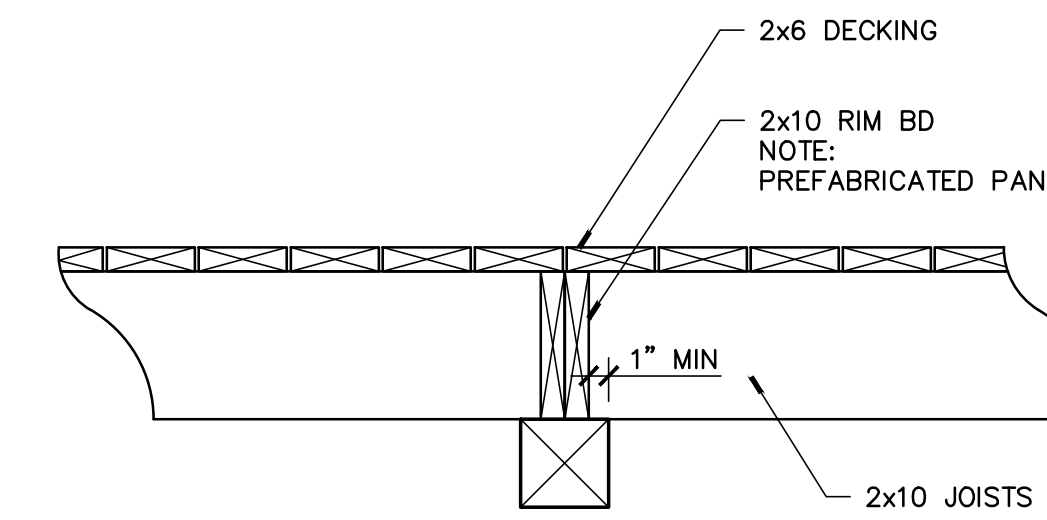
- Helical piles anchors shall be installed in accordance with the manufacturer's guidelines. Contractor shall submit test data, and a sample for the type of piles to be used (ie; shaft diameter, plate diameter, number of plates, etc.) along with the attachment bracket assemblies that indicate the allowable loads.
- The contractor shall have experience with the helical pile system to be used and have the proper and necessary equipment and materials needed for installation. General contractor/owner shall be responsible for pile layout.
- All steel material shall be hot dipped galvanized in accordance with ASTM A153.
- The contractor shall identify the equipment to be used to install the piles including a torque measuring/load indicating device with a recent certificate of calibration.
- An installation record shall be submitted that indicates the pile number, type, length, final torque/pressure, equivalent load value, and any remarks about unusual conditions encountered.

WOOD/TIMBER FRAMING:

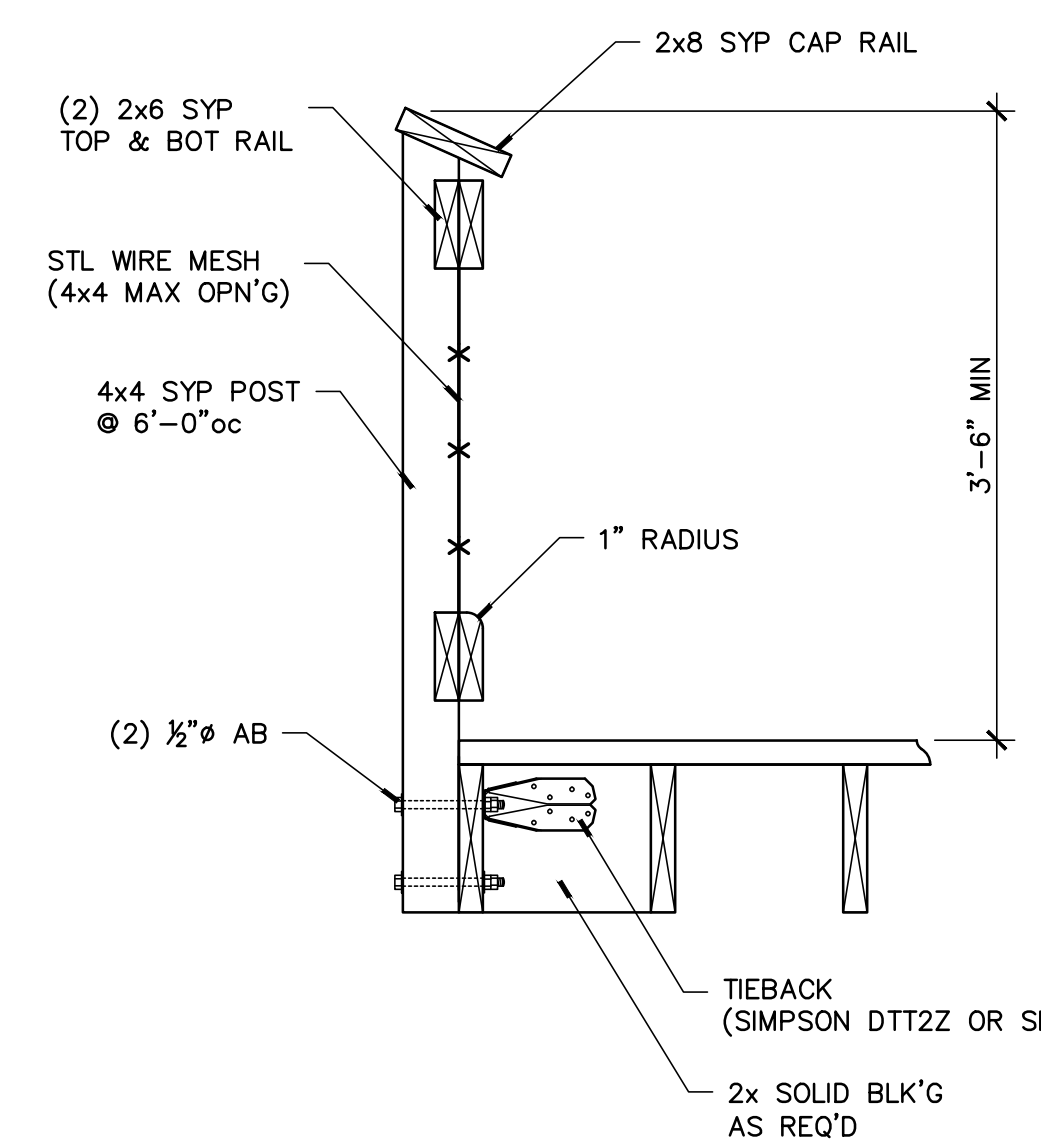
- All wood construction shall be in accordance with the "National Design Specification for Wood Construction" (NDS) and/or the "American Institute of Timber Construction" (AITC-APA). Dimensional lumber shall be milled and graded in accordance with American Lumber Standards (ALS). Grade and species shall be as follows:
Joists, rafters DF or HF #2 & btr.
Wall studs SPF stud grade
Exterior framing Treated SYP #2 & btr.
- Framing members shall not be notched, drilled, or over-cut in such a manner that the structural strength is reduced. Rimboards, headers, and beams shall not be spliced over openings. Damaged members shall be replaced or repaired.
- Contractor shall provide blocking/bridging and backing as required.
- Wood in contact with the ground, concrete/masonry or exposed to the weather shall be treated in accordance with AWPAs standards and/or be moisture resistant species (cedar, redwood, etc.) unless noted otherwise.
- Fastening shall be in accordance with the IBC standard schedule (table R602.3(1)). Metal joist hangers shall be as manufactured by Simpson or equal. All metal connection hardware shall be galvanized. Bolts shall be ASTM A-307 installed hand tight.
- Prefabricated assemblies (trusses, walls, etc.) shall be lifted in a manner to prevent damage or distortion.



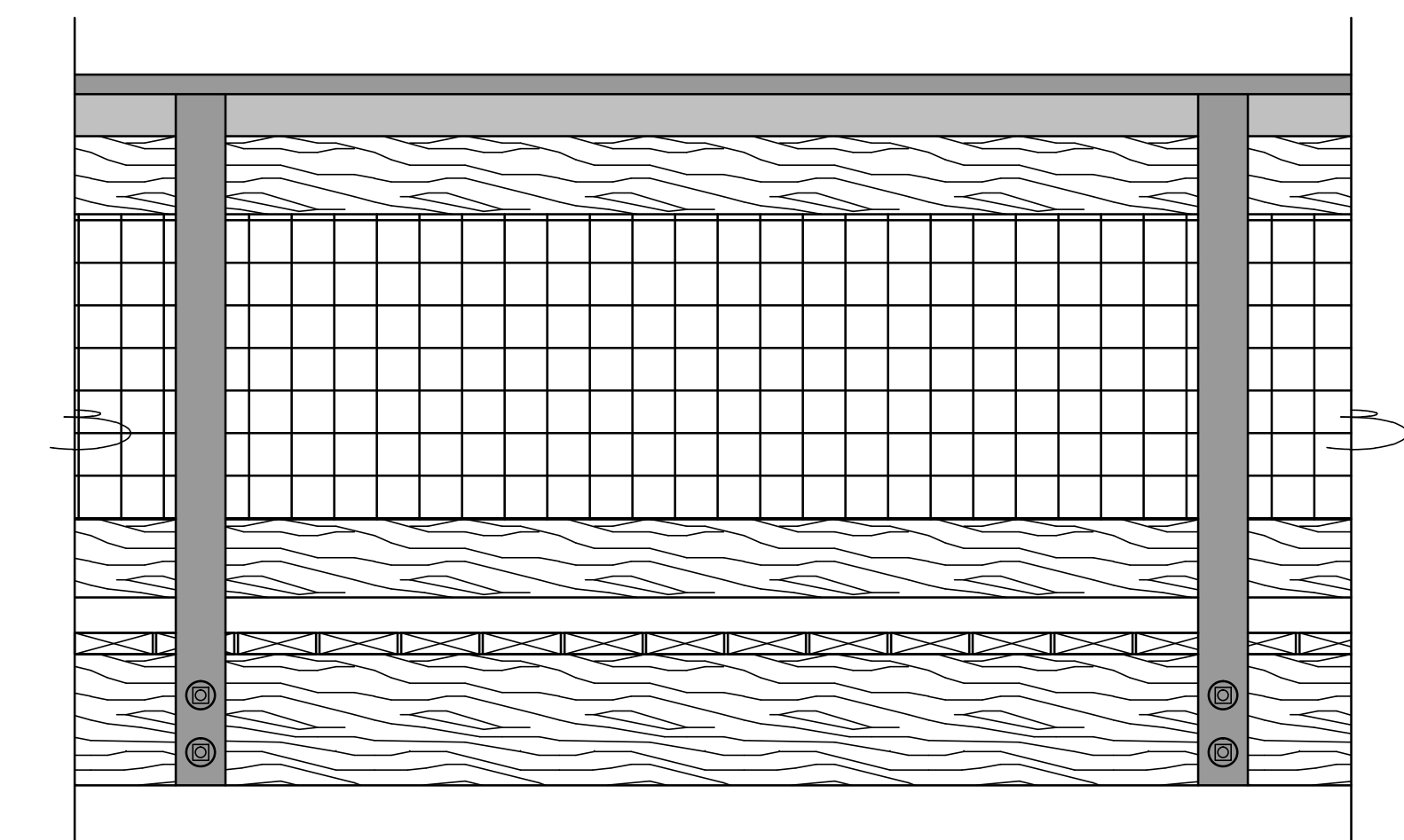
PILE PLAN
SCALE: 1/8"=1'-0"



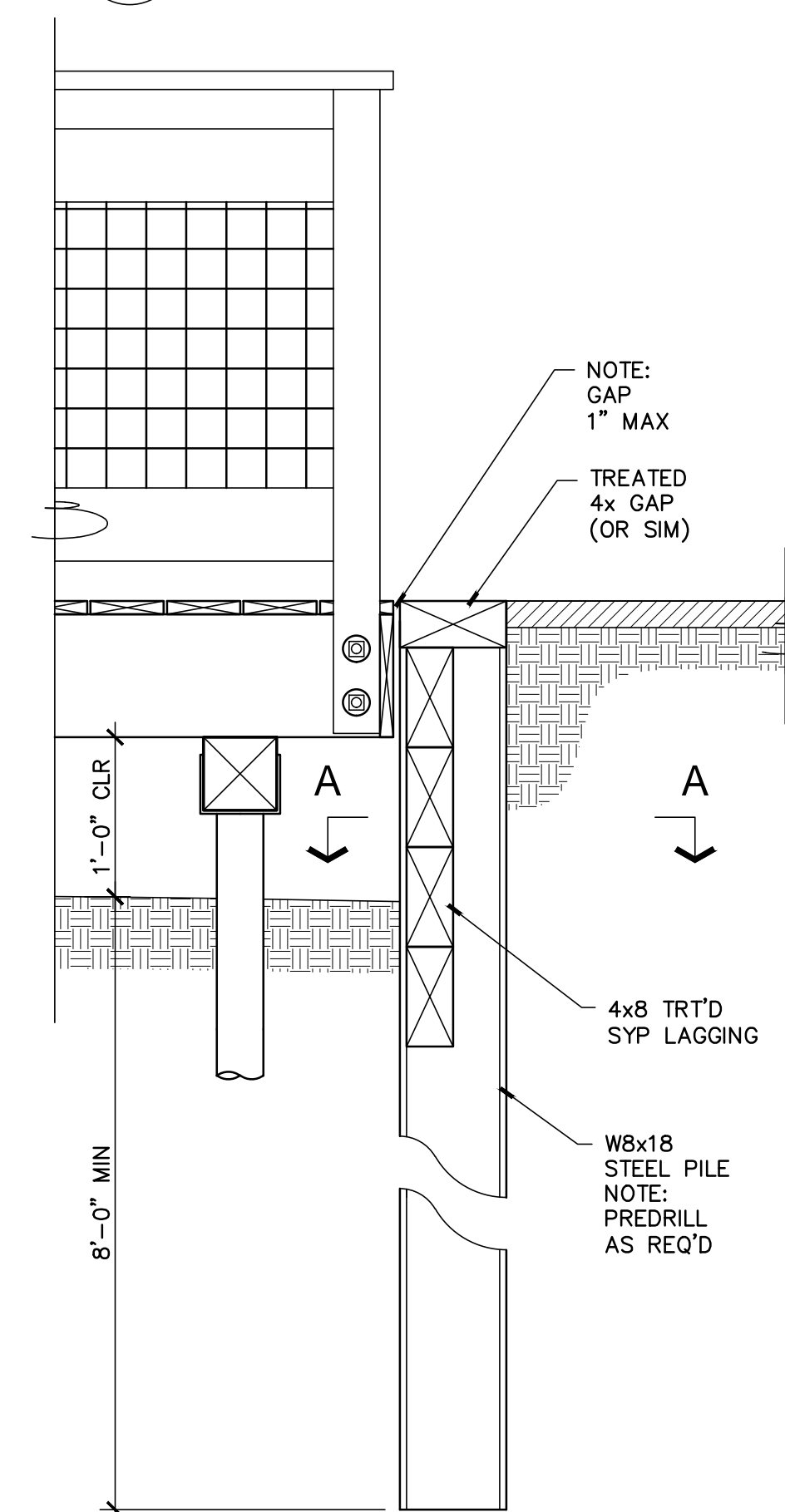
1 **DETAIL**
SCALE: 1"=1'-0"



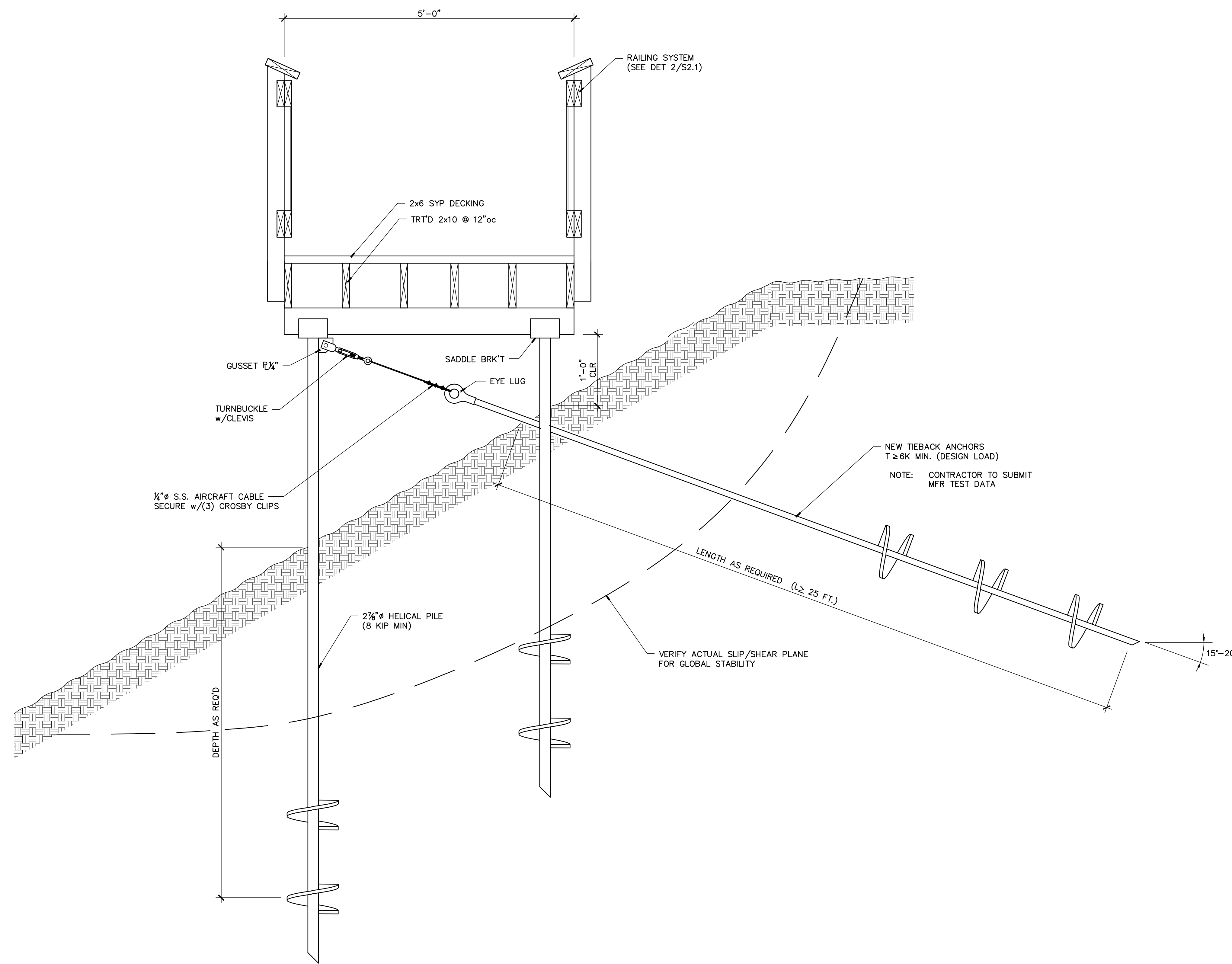
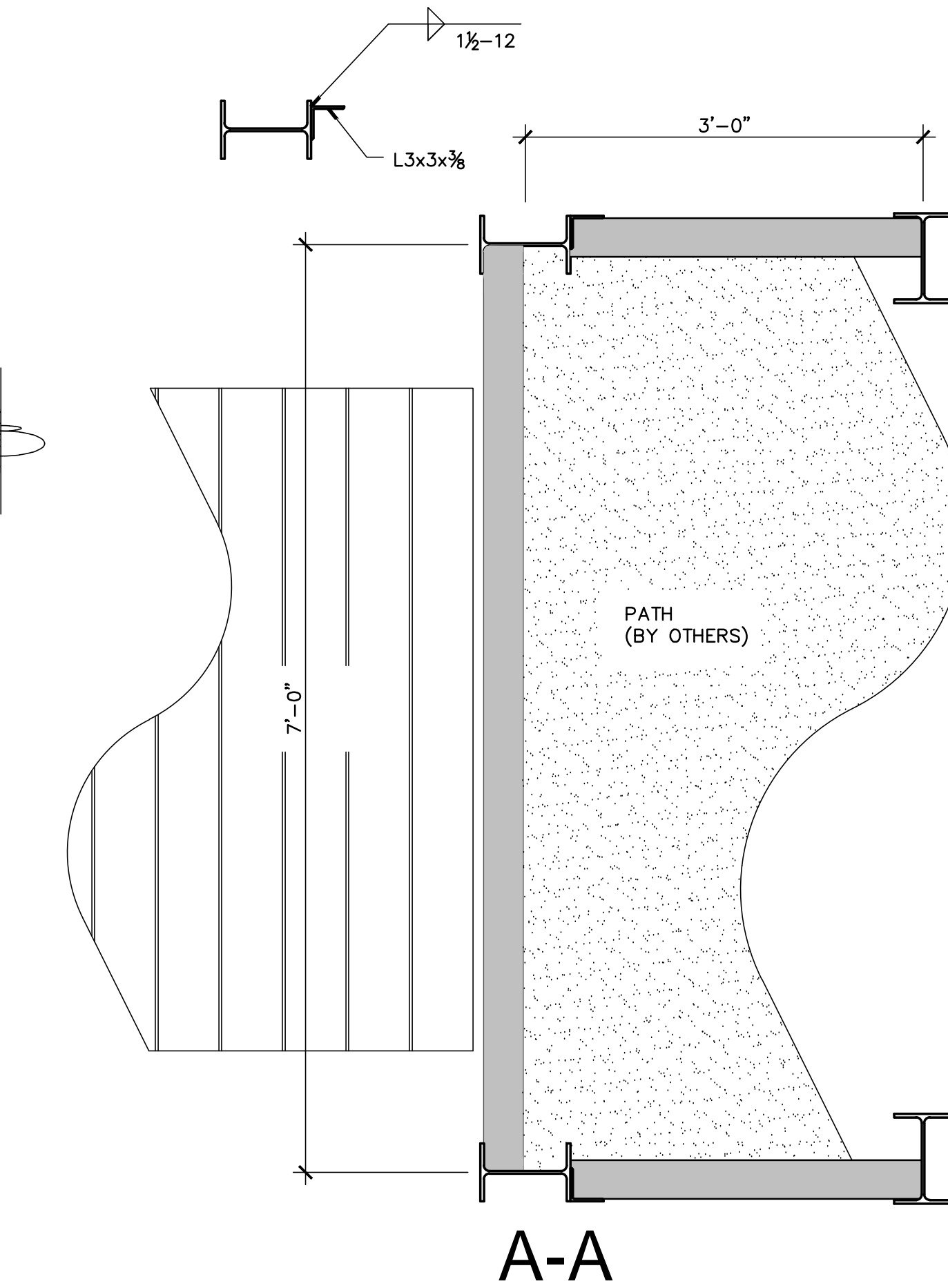
2 **DETAIL**
SCALE: 1"=1'-0"



ELEVATION

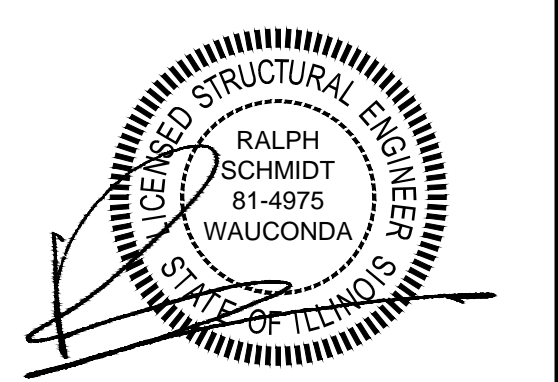


3 **DETAIL**
SCALE: 1"=1'-0"



A **DETAIL**
SCALE: 1"=1'-0"

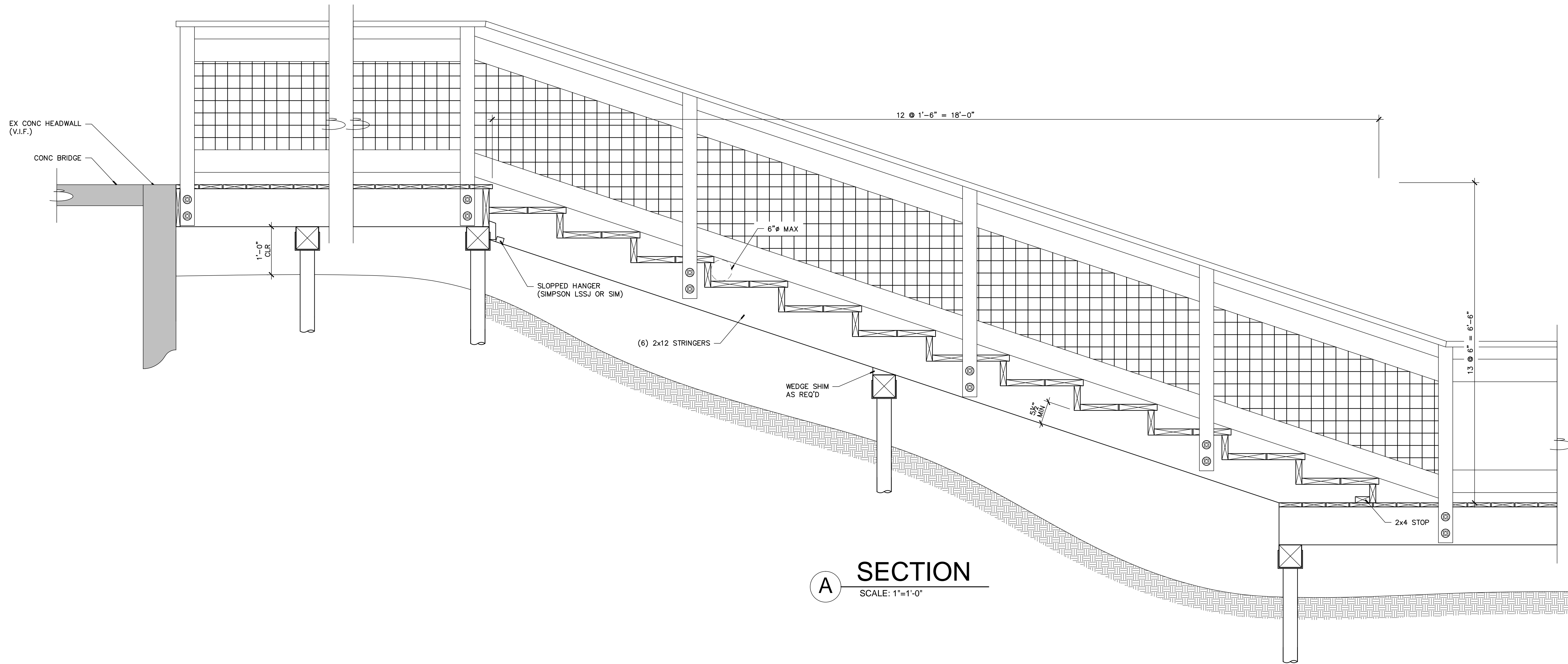
**MORaine PARK PATH BOARDWALK
PARK DISTRICT OF HIGHLAND PARK
2501 SHERIDAN RD.
HIGHLAND PARK, IL**



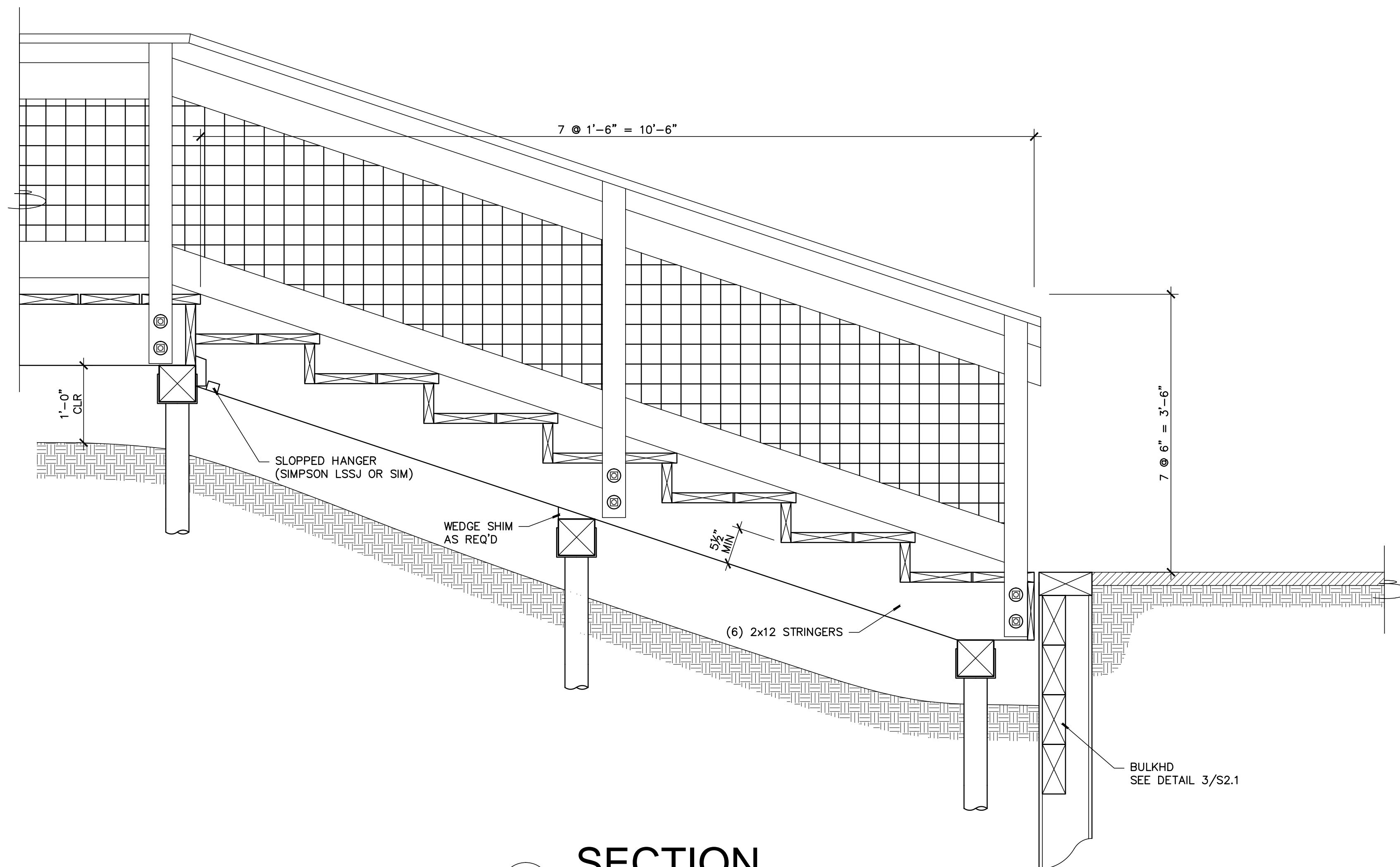
RALPH SCHMIDT, P.E., S.E.
LICENSED STRUCTURAL ENGINEER
ILLINOIS NO. 81-4875
EXP. DATE: 11-30-22

NO	DATE	ISSUED
---	10/15/21	FOR REVIEW
---	10/27/21	REV LOC. PER CIVIL
---	12/9/21	ADD DETAILS
---	1/6/22	ADD RAILINGS
---	1/31/22	FOR PERMIT AND BID

TITLE
SECTION AND DETAILS

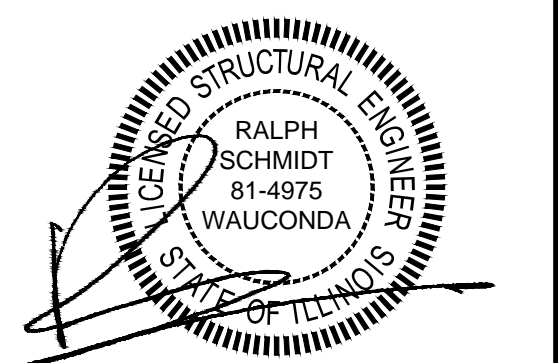


A SECTION
SCALE: 1"=1'-0"



B SECTION
SCALE: 1"=1'-0"

MORaine PARK PATH BOARDWALK
PARK DISTRICT OF HIGHLAND PARK
2501 SHERIDAN RD.
HIGHLAND PARK, IL



RALPH SCHMIDT, P.E., S.E.
LICENSED STRUCTURAL ENGINEER
ILLINOIS NO. 81-4975
EXP. DATE: 11-30-22

NO	DATE	ISSUED
---	10/15/21	FOR REVIEW
---	10/27/21	REV LOC. PER CIVIL
---	12/9/21	ADD DETAILS
---	1/6/22	ADD RAILINGS
---	1/31/22	FOR PERMIT AND BID

TITLE
STAIR SECTIONS

THIS DRAWING IS PROTECTED BY COPYRIGHT REGULATIONS. THE INFORMATION SHOWN MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF SCHMIDT ENGINEERING, INC. ALL LEGAL RIGHTS RESERVED.

SHEET
S2.2
121258