



**THE INDIANAPOLIS PUBLIC LIBRARY
INVITATION TO QUOTE
Project 2026-02**

**Pike Branch Library
Egress Improvements Project**

ITQ Issue Date: February 25, 2026
Project Site: 6525 Zionsville Road Street
Indianapolis, IN 46268
Contact: Diana Short
PurchasingRFP@indypl.org
Web Site: www.indypl.org

I. BACKGROUND AND GENERAL INFORMATION

This Invitation to Quote ("ITQ") issued by the Indianapolis Public Library ("IndyPL") seeks lump sum quotes from qualified vendors to provide demolition, excavation, site concrete, and asphalt ("Services") for the Pike Branch Egress Improvements Project ("Project").

The on-site work shall begin after the summer reading program on August 3, 2026, with the goal to be substantially complete by August 28, 2026.

IndyPL is committed to supporting and encouraging economic growth and business opportunities in Indianapolis and Marion County by strengthening IndyPL's relationships with minority, women, disability, and veteran-owned business enterprises by providing an equal opportunity for utilization in all IndyPL business.

In July 2020, the IndyPL Board of Trustees, with Resolution 28-2020, adopted these Minority/ Women/ Disability/ Veteran-Owned Business Enterprise Utilization Goals:

- The utilization goal for Minority-owned Business Enterprises (MBE) is fifteen percent (15%).
- The utilization goal for Women-owned Business Enterprises (WBE) is eight percent (8%).
- The utilization goal for Veteran-owned Business Enterprises (VBE) is three percent (3%).
- The utilization goal for Disability-owned Business Enterprises (DOBE) is one percent (1%).

Attainment of the utilization goals will be based on the cumulative amount of Work issued under the Contract. IndyPL understands there may be instances where the utilization goals cannot be achieved by the Vendor in the preparation of their Quote. In these instances, the Vendor is required to provide evidence of outreach efforts and good faith efforts made to subcontract with MBE/WBE/VBE/DOBEs to meet the utilization goals.

To assist in evaluating the Quotes, Vendor shall complete Attachment D – MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services requires listing of all subcontractors/suppliers proposed to be used on the Project.

If a vendor does not meet the stated minimum utilization goals, a request for Program Waiver shall be submitted upon request by IndyPL for the required 72-hour Post-Quote submission. The vendor shall use Attachment F – Application for MBE/WBE/VBE/DOBE Program Waiver Form including all required supporting information. IndyPL will review the submitted documentation to determine a score for the Vendor’s outreach and good faith efforts.

1. Quote Due Date. Quotes are due at the date and time identified in Attachment B.

Quotes, including all supporting information, to be submitted by e-mail in .pdf format.

If desired, quotes will also be received in paper form at the Library Services Center, 2450 North Meridian Street, Indianapolis-Indiana 46208.

2. Pre-Quote Conference at the Project Site. – The conference will be at the date and time identified in Attachment B. Site inspection can be done anytime by the vendors.
3. Questions and Substitution Requests. Any questions regarding this ITQ must be submitted in writing no later than the date established in Attachment B and shall be directed in writing via e-mail to the Point of Contact identified on the first page.
4. Definitions. The term Vendor denotes those firms submitting a Quote in response to this ITQ. The term Contractor is used throughout this ITQ to define the Vendor selected to perform the Services described in this ITQ.

II. REQUIRED SERVICES

1. Scope. The Contractor shall provide all labor, equipment, permits, supervision, materials, services, and reports as required per Attachment E.
2. Coordination. The Contractor will be responsible for all work required ensuring the Project and all installation components comply with the most recent version of national and the Indiana Codes. Coordination with IndyPL and other contractors for access into the site will be required for a successful Project.
3. Requests for Substitutions. The products, materials, and equipment of the manufacturer referred to in the Specifications in Attachment E establish the standard of quality required by IndyPL. Products, materials, and equipment from manufacturers other than listed may be used only if approved by IndyPL per the schedule in Attachment B.
 - a. IndyPL is the sole judge of equivalency of proposed substitutes.

- b. If the Vendor desires to use a substitute item, they shall make application to IndyPL in writing, stating and fully identifying the proposed substitute, and submit substantiating data, samples, brochures, etc., of the substitute item proposed. It is the Vendor's responsibility to provide sufficient evidence by tests or other means to support any request for approval of a substitution.
- c. Prior to proposing any substitute item, the Vendor shall be satisfied that the item proposed is, in fact, equal to or exceeds the requirements; that it will fit into the space allocated; that it affords comparable ease of operation, maintenance and service, that it is comparable in appearance, longevity, and suitability for the installation; and that the proposed substitution is in IndyPL's interest.
- d. Acceptance of substitutions shall not relieve the Vendor from responsibility for compliance with the requirements of the ITQ. Notification to all Vendors of an approved substitution will be documented by addendum per the schedule in Attachment B.
- e. The contract completion time shall not be extended by any circumstances resulting from proposed substitution, nor shall the Vendor be entitled to any compensation for any delay caused thereby or related thereto.
- f. Vendor shall use CSI Form 15.1C 2013 Substitution Request for their written request. The form is included as Attachment H.

III. Project Requirements:

1. General Requirements. The Contractor shall meet the standards, performance, materials, manufacture, supply, installation, testing, and commissioning required of an installation carried out in IndyPL Facilities. The intent is to provide for the completion in every detail of the installation unless otherwise stated.
2. Requirements. The requirements include (but are not limited to) all design, engineering, certifications, labor, superintendence, materials, tools, equipment, storage, permits, certificates, drawings, temporary work, inspection, testing, accessories, auxiliaries, disposal of materials, and incidentals necessary to complete the work in a proper, safe, thorough, and skillful manner.
3. Scope. See Attachment E for the detailed scope description.

IV. ATTACHMENTS

The following attachments are included and made a part of this ITQ:

Attachment A – Vendor Quote Sheet and Non-Collusion Affidavit

In addition to submission of information required by the Vendor Quote Sheet, if a Vendor believes that additional services or adaptations for the Projects beyond those specified in the ITQ are required or recommended to fulfill the Project intent, the Vendor shall also propose the additional services or adaptations and the associated costs or fees for those additions. In all events, Vendors shall clearly specify which costs, if any, are not included in the fees submitted in the Vendor Quote Sheet.

Attachment B – Schedule of Activities

The Schedule of Activities ("Schedule") for this ITQ is a guide. IndyPL reserves the right to make changes to the Schedule and will provide proper notification to all Vendors at the time any changes occur.

Attachment C – E-Verify Affidavit

The Contractor shall agree to enroll in and participate in the E-Verify Program as required by Indiana Code 22-5-1.7-11 during the hiring process for all employees hired after the date of the Agreement. The Contractor must agree to require its subcontractors who may perform work under the Agreement to certify to the Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and that the subcontractor has enrolled and is participating in the E-Verify program. The Contractor must agree to maintain this certification throughout the duration of the term of a contract with a subcontractor. As a condition to submitting a Quote and to entering into an Agreement, the Contractor must execute the E-Verify Affidavit, which shall be an exhibit to the Agreement.

Attachment D – MBE/WBE/VBE/DOBE Business Utilization Program Summary;

and

MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services

Attachment E - Scope of Services

Attachment F – Sample Application for MBE/WBE/VBE/DOBE Program Waiver

Within three (3) business days of notification by IndyPL, if a vendor does not meet the stated minimum utilization goals, a request for Program Waiver shall be submitted for the required 72-hour Post-Quote submission.

Attachment G – Letter of Intent to Perform as a Subcontractor/Supplier

Within three (3) business days of notification by IndyPL, a Vendor shall submit a fully executed "Letter of Intent to Perform as a Subcontractor/Supplier" form for each M/W/V/D Owned Business Enterprise subcontractor/supplier listed on their MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services for the required 72-hour Post-Quote submission.

Attachment H – Substitution Request Form

V. QUOTE INFORMATION

1. Invitation to Quote. IndyPL is hereby contacting prospective Vendors who are known to have the experience, expertise, and capabilities to furnish the requested Services. Upon request, each prospective Vendor will receive one copy of the ITQ from IndyPL. Prospective Vendors are responsible for making additional copies as required to satisfy their needs.
2. Point of Contact. All communication with IndyPL must be directed to the single point of contact for IndyPL identified on the first page of the ITQ.
3. Schedule of Activities. The table in Attachment B outlines the schedule of major activities for the ITQ and the selection process. IndyPL reserves the right to amend the schedule as necessary.

4. Vendor Qualifications. The Vendor shall have the following minimum qualifications:
 - a. A sound business reputation;
 - b. Proven capabilities in delivering Services on time and on budget;
 - c. Appropriate resources to satisfy the requirements of the Work;
 - d. Demonstrated track record in overall client satisfaction; and
 - e. Registered with the Indiana Secretary of State to do business in Indiana.
5. Vendor Rights. All materials submitted in response to this ITQ become the property of IndyPL upon delivery and shall be appended to any formal documentation, which would further define or expand the contractual relationship between IndyPL and the Vendor. Each Vendor, as an express condition for IndyPL's consideration of such Vendor Quote, agrees that the contents of every other Quote may contain confidential, proprietary, and trade secret information in all technical areas. Each Vendor, as an express condition for IndyPL's consideration of such Vendor Quote, waives any right to access to such information in other Quotes. No Quotes or supporting documentation will be returned to Vendor.

Vendors submitting a Quote shall recognize that IndyPL is a public body and, as a public body, IndyPL is subject to disclosure requirements and must abide by public record laws. Neither party shall be liable for disclosures required by law.

6. Reservation of Rights. This ITQ does not commit IndyPL to award a Services agreement, to pay any costs incurred in the preparation of a Quote to this request, or to otherwise contract for any services. IndyPL reserves the right to accept or reject any or all Quotes received because of this Invitation, to negotiate with any qualified sources, or to cancel in part or in its entirety this ITQ, if it is in the best interest of IndyPL to do so.

IndyPL will evaluate Quotes based upon the effectiveness of the perceived performance as it relates to IndyPL's Specifications and Plans. IndyPL specifically reserves the right to reject any or all Quotes or any part thereof; or to waive any defects or informalities in a Quote when it is determined by IndyPL to be in IndyPL's best interest.

7. Late Quotes Not Considered. Quotes received after the stipulated Quote Submission Deadline (defined in Attachment B) will not be considered.
8. Inconsistency or Error in the ITQ. Any Vendor believing that there is any significant ambiguity, inconsistency, or error in the ITQ shall promptly notify IndyPL in writing of such apparent discrepancy. Failure to notify IndyPL by the Quote Submission Deadline will constitute a waiver of claim of ambiguity, inconsistency, or error.
9. Vendor Errors or Omissions. IndyPL is not responsible for any Vendor's errors or omissions.
10. Addenda. IndyPL shall not be responsible for any oral instructions given by any employees or representatives of IndyPL concerning the Invitation instructions or Services as described in this ITQ. Any changes will be in the form of an addendum, which will be furnished to all Vendors who are listed with IndyPL as having received the ITQ, or to any other Vendor who requests an addendum.
11. Vendor Incurred Costs. The Vendor shall be responsible for all costs incurred in preparing or

responding to this ITQ. All materials and documents submitted in response to this ITQ become the property of IndyPL and will not be returned after the Quote Submission Deadline.

12. Modification or Withdrawal of Quote. A Quote may not be modified, withdrawn, or cancelled by a Vendor for ninety (90) days following the Quote Submission Deadline and each Vendor so agrees in submitting the Quote. Quotes may be withdrawn, altered and/or resubmitted at any time prior to the Quote Submission Deadline. Notice of pre-submittal date withdrawal must be in writing over the signature of the Vendor and may be submitted to IndyPL by facsimile or electronic mail transmission. If by facsimile or electronic mail transmission, written confirmation over the signature of the Vendor must have been mailed and postmarked on or before the Quote Submission Deadline. Withdrawn Quotes may be resubmitted up to the Quote Submission Deadline, provided that they are then fully in conformance with these terms and conditions.
13. Rejection of Solicitation Responses. IndyPL reserves the right to reject any or all Quotes received, or any part thereof; to accept any response or any part thereof; or to waive any informality when it is deemed to be in IndyPL's best interest. Any Vendor objecting to the rejection of a Quote, or portion thereof, must submit a written protest stating the reasons for the protest to IndyPL within five (5) calendar days from the date of IndyPL's Written Notice of Intent to Enter into an Agreement (as provided in Attachment B).
14. Vendor Certification. By submission of a Quote, the Vendor certifies that:
 - a. The Vendor has not paid or agreed to pay any fee or commission, or any other item of value contingent on the award of a contract to any employee, official or current contracting consultant of IndyPL.
 - b. Pursuant to Indiana Code 5-22-16.5-8, the invited Vendor is not engaged in any investment activities in Iran.
15. Exceptions. It is the intent of IndyPL to award a Services agreement on a fair, competitive basis. For this reason, IndyPL may view the notation of any "Exception" in response to any material conditions or requirement of the ITQ as an attempt by the Vendor to vary the terms of the ITQ, which, in fact, may result in giving such Vendor an unfair advantage over other Vendors. For this reason, IndyPL will, at its option, not allow exceptions to any material requirement if, in the opinion of IndyPL, the exceptions alter the overall intent of this ITQ, unless the exception would be of material benefit to IndyPL.
16. IndyPL's Right to Disqualify for Conflict of Interest. IndyPL reserves the right to disqualify any Vendor on the basis of any real or apparent conflict of interest that is disclosed by the Quote submitted or any other data available to IndyPL. The right of disqualification is at the sole discretion of IndyPL. Any Vendor submitting a Quote herein waives any right to object at any future time, before any body or agency, including but not limited to, IndyPL, or any court, to IndyPL's exercise of its right of disqualification by reason of real or apparent conflict of interest as determined by IndyPL.
17. Warranties. Any Vendor submitting a Quote in response to this ITQ warrants and guarantees that the Vendor is fully capable of performing each task as set forth in the Quote. No limitation or exception to this warranty provision will be acceptable to IndyPL; except, it is

understood that the Vendor is not responsible for any problems in performance caused by improper acts or omissions by IndyPL.

18. Covenant Against Contingent Fees. The Vendor warrants that no person or selling agent has been employed or retained to solicit or secure the services agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Vendor for the purpose of securing business.

For breach or violation of this warranty, IndyPL shall have the right to annul the Services agreement without liability or in its discretion to deduct from fees or payments due the Vendor the commission, percentage brokerage or contingent fee.

19. Gratuities. IndyPL may, by written notice to the Vendor, terminate the right of the Vendor to proceed under the Services agreement upon one (1) calendar day notice, if it is found that gratuities in the form of entertainment, gifts or otherwise were offered or given by the Vendor, or any agency or representative of the Vendor, to any officer or employee of IndyPL with a view toward securing or amending, or the making of any determinations with respect to the performance of such Services agreement; provided that the existence of facts upon which IndyPL makes such findings shall be an issue and may be reviewed in any court of law. In the event of such termination, IndyPL shall be entitled to pursue the same remedies against the Vendor as IndyPL could pursue in the event of default by the Vendor.

20. Diversity and Inclusion in Employment.

- a. IndyPL is committed to providing an equal opportunity for utilization of Minority, Women, Veteran, and Disability Owned Business ("XBE") firms in all IndyPL business.
- b. IndyPL extends to each individual, firm, vendor, supplier, contractor, and subcontractor an equal opportunity to compete for IndyPL business and strongly encourages voluntary utilization of disadvantaged and/or minorities to reflect both industry and community ethnic composition.
- c. It is the desire of IndyPL to measure utilization of XBE firms in the procurement of goods and supplies, in the retention of professional services, and in the construction and renovation of facilities. Vendors, who meet the City of Indianapolis or State of Indiana criteria of XBE firms or similar requirements for out-of-state firms, should indicate the appropriate certification and include a copy of such certification(s) in its Quote.
- d. Any Contractor in performing services under an Agreement resulting from this ITQ shall not discriminate against any worker, employee or applicant because of race, creed, color, religion, gender, national origin, age, sex, ancestry, disabled veteran status, nor otherwise commit an unfair employment practice. The Contractor will take affirmative action to ensure that applicants are considered, and employees are dealt with during employment, without regard to their race, creed, color, religion, gender, national origin, age, disability, or veteran status. Breach of this condition may be regarded as a material breach of the Services agreement.

21. Protest of Award. Any person who has an objection to the awarding of the services agreement to any Vendor by IndyPL, shall lodge that protest, in writing, with IndyPL no later than 5:00 p.m. local time of the fifth (5th) calendar day following release of IndyPL's Notification of Award letter. IndyPL retains the right to reject all protests not filed within this time or those found to be without merit.

22. Vendor Inquiries. Any questions regarding this ITQ must be submitted in writing no later than the date established in Attachment B and shall be directed in writing via e-mail to the Point of Contact identified on the first page. Include your name; the name of your company; the telephone number; address; and e-mail address of the person responsible for making decisions in your company.
23. News Releases. News releases pertaining to this ITQ, or the requested services shall not be made without written prior approval of IndyPL.
24. Standard/Licensure Requirements. The selected Contractor shall provide documentation to IndyPL evidencing all necessary licenses required to perform the services prior to the awarding of the contract.
25. Out of State Vendors. It shall be a condition to the services agreement that any out-of-state Vendor that may be selected as Contractor shall be duly registered and qualified to do business within the State of Indiana.
26. Confidential Information and Public Records. Vendors are advised materials contained in the Quotes are subject to the Indiana Public Records Act, IC 5-14-3 et seq. ("IPRA"), to which IndyPL must abide. After the contract award, the entire Quote less any agreed upon confidential material, may be viewed and copied by any member of the public, including news agencies and competitors. Vendors claiming a statutory exception to the IPRA must:
 - a. Place all documents they consider confidential (including the requisite number of copies) in a sealed envelope clearly marked "Confidential" with the Vendor Name, IndyPL Point of Contact Name, and the ITQ Title.
 - b. Provide a transmittal letter listing the included confidential material items.
 - c. Indicate in the transmittal letter by citing which statutory exception provision applies to each listed confidential material item.

IndyPL reserves the right to make determinations of confidentiality upon consultation with legal counsel. If IndyPL does not agree with the claim that the information designated is confidential under one of the cited disclosure exceptions to the IPRA, it may either discuss its interpretation of the allowable exceptions with the Vendor or reject the Quote. If agreement can be reached on the nature of the requested confidential materials, the Quote will be considered. If agreement cannot be reached, IndyPL will remove the Quote from consideration for award and return the entire "Confidential" package to the Vendor. The rest of the Quote and other supporting documentation will not be returned to Vendor and remain part of the ITQ file. IndyPL and the IPRA does not consider prices, fees, or wage rates to be confidential information as the information will be included in any agreement resulting from the ITQ. Neither party shall be liable for disclosures required by law.

VI. GENERAL TERMS AND CONDITIONS

Any Vendor entering into a Service agreement with IndyPL must agree to several general terms and conditions. If a Vendor cannot agree to any of the stated general terms and conditions, its Quote must clearly state the reason for any such non-compliance.

The submission of the Quote herein constitutes the agreement of any Vendor that any

contract to be drawn as a result of an award herein will be prepared by IndyPL. The submission of a Quote shall further constitute the agreement of each Vendor that it shall not insist on the use of standard contract agreements, documents, or forms, and that it waives any demand for the use of its standard agreements. The language of the services agreement to be executed will be drafted under the supervision of IndyPL's attorney and shall be the controlling document. Contractor may submit copies of their applicable standard contract forms for information purposes.

1. Compliance With Laws. In performing under a service agreement, the Contractor shall comply with all applicable laws, ordinances, rules, regulations, and codes of Federal, State, and local governments.
2. Continuation During Disputes. The Contractor agrees that, notwithstanding the existence of any dispute between the parties, insofar as is possible under the terms of the services agreement to be entered into, each party shall continue to perform the obligations required of it during the continuation of any such dispute, unless enjoined or prohibited by any court.
3. Organization Employment Disclaimer. Any services agreement entered into as the result of this ITQ will not constitute, create, give rise to, or otherwise recognize a joint venture, agreement or relationship, partnership, or formal business organization of any kind between the parties, and the rights and obligations of the parties shall be only those expressly set forth therein. The Contractor will agree that no persons supplied by it in the performance of the contract are employees of IndyPL and further agrees that no rights of IndyPL's civil service, retirement or personnel rules accrue to such persons.

The Contractor shall have sole responsibility for all salaries, wages, bonuses, retirement, withholdings, workers' compensation and occupational disease compensation insurance, unemployment compensation, other benefits and taxes and premiums appurtenant thereto concerning such persons provided by such Contractor in the performance of the contract and shall save and hold IndyPL harmless with respect thereto.

4. Method of Payment. The Contractor shall be required to participate in the IndyPL Electronic Fund Transfer ("EFT") invoice payment program for the electronic transfer of funds directly to the Contractor's designated banking account for payment of approved invoices. Invoices submitted must contain the purchase order number under which the Services agreement is awarded. Contractor shall submit invoices to the addressee designated as the Point of Contact person in the ITQ. The Contractor shall submit monthly invoices. Each payment requested shall include a detailed breakdown of all charges. All invoices will be paid promptly by IndyPL unless any items thereon are questioned, in which event payment will be withheld pending verification of the amount claimed and the validity of the claim. The Contractor shall provide complete cooperation during any such investigation.
5. Insurance. Contractor shall secure, pay for and maintain the following insurance policies in full force and effect throughout the term of an Agreement that may be entered between Contractor and IndyPL, which policies shall protect against any loss or claim arising from or relating to the Agreement, Contractor's Service and activities, or presence at IndyPL Facilities, and any act or omission of Contractor or its employees and/or agents or Subcontractors in

connection with the services provided under the Agreement, and shall cover the contractual indemnification liability assumed by Contractor pursuant to the Agreement:

- a. Commercial General Liability Insurance with limits of not less than One Million Dollars (\$1,000,000) per occurrence for bodily injury (including death), personal injury, property damage, fire legal liability, contractual liability and products and completed operations, and Two Million Dollars (\$2,000,000) general aggregate. The policy shall be written on an occurrence basis. The policy shall also not have exclusions for any of Contractor's activities at the Facilities. Any deductible shall be at Contractor's expense.
 - b. Workers' Compensation insurance, affording coverage in accordance with the applicable state laws covering all of Contractor's employees, and Employer's Liability coverage in excess of the applicable state laws but no less than One Million Dollars (\$1,000,000.00) each accident, One Million Dollars (\$1,000,000.00) each employee and Two Million Dollars (\$2,000,000.00) policy limit.
 - c. Property Insurance coverage for all materials, equipment, and other items owned, borrowed, or leased by Contractor shall be Contractor's responsibility. IndyPL shall not be responsible for such materials, equipment, and other items owned, borrowed, or leased by Contractor.
 - d. Business automobile coverage, including coverage for owned, leased, and hired vehicles, which shall include vehicle and property (cargo) damage, and bodily injury, in an amount not less than Two Million Dollars (\$2,000,000.00).
 - e. Umbrella Liability insurance at not less than Five Million Dollars (\$5,000,000) limit for each occurrence providing for excess coverage over the limits and coverage prescribed above in sections (a), (b), and (c) above, which such policy shall be written on an occurrence basis.
 - f. All insurance policies addressed in Sections 5. (a), (b), and (e) above shall be endorsed to name the following as additional insured's:
Indianapolis-Marion County Public Library and its trustees, directors, officers, employees, representatives, volunteers, agents, Contractors, licensees, and successors.
 - g. All insurance policies required hereunder: (1) shall be endorsed to state that the insurance is primary and not contributive to any other insurance available to IndyPL; (2) shall provide for a waiver of rights of subrogation against the additional insurers on the part of the insurance carriers; (3) shall be written with insurance companies licensed to do business in the State of Indiana and rated no lower than A-VII in the most current edition of A.M. Best's Property-Casualty Key Rating Guide, and (4) shall provide for no less than thirty (30) days advance written notice to IndyPL prior to cancellation, non-renewal or material modification.
 - h. Contractor shall deliver to IndyPL, prior to commencement of Services under the Agreement, Certificates of Insurance confirming the existence or issuance of all insurance policies required to be carried hereunder ("Certificates of Insurance"). If any such policy is not obtained, or if all Certificates of Insurance are not delivered to IndyPL by the aforementioned time, or if any of such policies are canceled, IndyPL shall have the right to terminate the Agreement immediately and/or deny Contractor access to Library facilities.
 - i. These insurance provisions are minimum requirements and shall not relieve Contractor of its indemnity, defense and hold harmless obligations.
6. Suspension of Work/Termination or Suspension. IndyPL reserves the exclusive right to terminate or suspend all or any portion of the Services for which the Contractor is employed by giving one (1) day written notice to the Contractor; however, if any portion

of the Services shall be terminated or suspended, IndyPL shall pay the Contractor equitably for all services properly performed prior to termination. If the Services are suspended and the Contractor is not given an order to resume work within sixty (60) days from the effective date of the suspension, the Agreement will be considered terminated.

7. Prime Contractor Responsibility. Planned use of subcontractors in connection with providing the requested Services should be clearly explained and described in the Vendor Quote. The Contractor will be responsible, and must take responsibility, for the performance of the Services whether or not subcontractors are used.

In Contractor/subcontractor arrangements involving more than one firm, it does not matter to IndyPL which firm assumes the lead, as long as that firm assumes full responsibility for the performance of the Service. IndyPL will only enter into an Agreement with the prime Contractor.

8. Confidentiality of Information. The Contractor shall treat all information furnished by IndyPL and Services provided hereunder as confidential. The Contractor shall not disclose such information to others without the prior written consent of IndyPL.
9. Audit of Quote Records. The Contractor must keep all resulting Quote records separate and make them available for audit by Library personnel or Indiana State Board of Accounts personnel during the term of the Agreement and upon request for a period of three (3) years after the end of the Agreement term and completion of the Services.
10. Employment Verification Requirements. Pursuant to Indiana Code §22-5-1.7-11, Contractor agrees to enroll in and verify the work eligibility status of all newly hired employees through the E-Verify program ("E-Verify"). Contractor is not required to verify the work eligibility status of all newly hired employees through E-Verify if E-Verify no longer exists. Contractor shall not knowingly employ or contract with an unauthorized alien. Contemporaneously with the execution of this Agreement Contractor shall execute and deliver to IndyPL the attached Affidavit affirming that Contractor does not knowingly employ an unauthorized alien. Contractor shall not retain an employee or contract with a person that Contractor subsequently learns is an unauthorized alien. To the extent applicable, Contractor's subcontractors shall certify to Contractor, as is consistent with federal law, that subcontractors are enrolled and participating in E-Verify and do not knowingly employ or contract with an unauthorized alien. Contractor shall maintain this certification throughout the duration of the term of a contract with a subcontractor. Such affidavit shall be in the form attached to this ITQ as Attachment C.

VII. QUOTE REQUIREMENTS

1. Introduction. The following guidelines are provided to ensure the equitable evaluation of competitive sealed Quotes and to contain the cost of preparation to some reasonable level. Therefore, the Quote shall be prepared in accordance with the instructions outlined in this section. Vendor is advised to read this ITQ in its entirety. Failure to read and/or understand any portion of this ITQ shall not be cause for waiver of any portion of the ITQ.
2. Specific Quote Format and Content. Information contained in the Quotes shall not exceed fifteen (15) pages, including the Vendor Quote Sheet and Non-Collusion Affidavit.
 - a. Vendor Quote Sheet and Non-Collusion Affidavit, completed and notarized, and included as Attachment A.
 - b. E-Verify Affidavit, completed and notarized, and included as Attachment C.
 - c. MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services, completed in full, and included as Attachment D.
 - d. Vendor may provide any other information within the maximum page limit that it believes may add to its Quote. To the extent a Vendor is incapable of complying with or takes exception to any aspect of the requirements, quote terms, and general terms and conditions described in the ITQ, the Vendors shall specifically identify and describe such exceptions in this section of its response to this ITQ.
 - e. Vendor shall provide a digital version of the quote, including all the attachments, in .pdf format on a thumb drive or disc. The maximum file size is 7MB.
3. Quote Submittal Instructions. The Quote package may be personally delivered, sent by mail, or delivery service, or sent via email as a .pdf to the Point of Contact at the address identified on the ITQ.

The following information shall be on the outside of the package:

- a. Vendor's Name.
- b. Invitation to Quote title.
- c. Quote Submission Deadline.

Regardless of the mode of delivery, the Quote must be received by IndyPL by the Quote Submission Deadline to be considered.

4. Opening. The responses received by the deadline will be opened publicly in a virtual meeting at the date, time, and location established in Attachment B.
5. Additional Information. Following receipt of the Quotes, IndyPL reserves the right to request additional information from and conduct in-person interviews with the Vendors reasonably susceptible of being awarded the work. IndyPL will not share information gathered in such discussions with other competing Vendors.

VIII. Quote Evaluation

Quotes will be evaluated by IndyPL, and a contract issued to the lowest, responsive, and responsible Vendor pursuant to Indiana Code 36-1-12-4.7.

Attachment A
Pike Branch Egress Improvements Project 2026-02
VENDOR QUOTE SHEET

Vendor: _____

Address: _____

City/State: _____

Date: _____

Vendor Certification:

The undersigned acknowledges that I/we have received and thoroughly reviewed the Invitation to Quote ("ITQ") dated May 20, 2025, and understands the entire scope of Services.

Pursuant to notices given, the undersigned, with complete understanding of the requirements and conditions, shall provide the Pike Branch Egress Improvements Project Services fully in accordance with the requirements of the ITQ.

Acknowledgment of Receipt of Addenda:

I/We have received and reviewed the Addenda which I/we have listed below, and have included their provisions thereof in the Quote:

Lump Sum Quote:

Lump Sum Quote for the Services: \$ _____ Written Amount: _____

Any Other Expenses:

_____ \$ _____ Written Amount: _____

_____ \$ _____ Written Amount: _____

Completion Time:

Based upon Attachment B Schedule of Activities, I/we will substantially complete the Services on or before August 29, 2025, assuming the Notification date is met, and that I/we are not delayed by work stoppages or other causes beyond our control.

Include with Quote:

- a. E-Verify Affidavit, completed and notarized, and included as Attachment C.
- b. MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services, completed in full, and included as Attachment D.

Attachment A
(Continued)
Pike Branch Egress Improvements Project 2026-02
NON-COLLUSION AFFIDAVIT

Vendor: _____

The undersigned, on behalf of the Contractor, being first duly sworn, deposes and states that Contractor has not, nor has any other member, representative, employee, or agent of the Contractor, entered into any combination, collusion, or agreement with any person relative to the Quote by anyone at such letting, to prevent any person from submitting a quote, or to induce anyone to refrain from submitting a quote.

The undersigned further deposes and states that this Quote is made without reference to any other quote and without any agreement, understanding or combination with any other person referring to such quote.

The undersigned further deposes and states that no person, firm, or entity has or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such quote.

Vendor: _____

By (Signature): _____

(Printed Name and Title): _____

(Important – Notary Signature and Seal Required in the Space Below)

STATE OF _____

Seal:

COUNTY OF _____

Subscribed and sworn to before me this _____ day of _____ 20__.

My commission expires: _____ (Signed) _____

Residing in _____ County, State of _____

Attachment B
Pike Branch Egress Improvements Project 2026-02
SCHEDULE OF ACTIVITIES

The following table outlines the tentative schedule of major activities for the ITQ and selection processes. IndyPL reserves the right to amend the schedule as necessary.

Event	Date
Issue the ITQ	February 25, 2026
Pre-Quote Conference - Site inspection available at any time to the Vendors	March 2, 2026, 9:00 am
Cutoff Date and Time for Questions and Requests for Substitutions	March 13, 2026, Noon
Answers to Questions Issued by Addendum	March 16, 2026, Noon
Quote Submission Deadline / Public Opening to follow	March 18, 2026, 2:00 pm
Quote Opening Virtual Meeting Information: Microsoft Teams meeting Join the meeting now Meeting ID: 244 629 371 534 24 Passcode: Gq2Er2RP	March 18, 2026, 2:00 pm
Submission Deadline for 72 Hour Post-Quote Information	March 23, 2026, 2:00 pm
IndyPL Board Facilities Committee Meeting	April 14, 2026, 1:00 pm, Library Services Center
IndyPL Board Meeting	April 27, 2026, 6:30 pm, East Washington Branch Library
Notice of Intent to Issue a Purchase Order	April 28, 2026
Project Work Begins – Target Date	August 3, 2026
Substantial Completion – Target Date	August 28, 2026

Attachment C
Pike Branch Egress Improvements Project 2026-02
E-VERIFY AFFIDAVIT

Vendor: _____

Pursuant to Indiana Code 22-5-1.7-11, the Contractor entering a contract with the Indianapolis Marion County Public Library is required to enroll in and verify the work eligibility status of all its newly hired employees through the E-Verify Program. The Contractor is not required to verify the work eligibility status of all its newly hired employees through the E-Verify Program if the E-Verify program no longer exists.

The undersigned, on behalf of the Contractor, being first duly sworn, deposes and states that the Contractor does not knowingly employ an unauthorized alien. The undersigned further affirms that, prior to entering into its contract with the Indianapolis Marion County Public Library, the undersigned Contractor will enroll in and agree to verify the work eligibility status of all its newly hired employees through the E-Verify program.

Vendor or Contractor: _____

By (Signature): _____

(Printed Name and Title): _____

(Important – Notary Signature and Seal Required in the Space Below)

STATE OF _____

Seal:

COUNTY OF _____

Subscribed and sworn to before me this _____ day of _____ 20__.

My commission expires: _____ (Signed) _____

Residing in _____ County, State of _____

Attachment D

Pike Branch Egress Improvements Project 2026-02 MBE/WBE/VBE/DOBE Business Utilization Program Summary, and MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services

MBE/WBE/VBE/DOBE BUSINESS UTILIZATION PROGRAM SUMMARY

The Indianapolis Public Library is committed to maximizing subcontracting opportunities for all qualified and available MBE/WBE/VBE/DOBEs. The MBE/WBE/VBE/DOBE Business Utilization Program applies to Library funded contracts of at least \$50,000.00.

There are two components of the MBE/WBE/VBE/DOBE Business Utilization Program:

1. MBE/WBE/VBE/DOBE Utilization Goals: This component requires vendors to make subcontracting opportunities available to minority, women, veteran, and disabled-owned businesses certified by the City of Indianapolis' MBE/WBE/VBE/DOBE program at the minimum percentage stated in the invitation to bid/quote/proposal. To count towards the MBE/WBE/VBE/DOBE utilization goal, the MBE/WBE/VBE/DOBE must be certified in the category code(s) that will be used for the contract. A list of City-certified MBE/WBE/VBE/DOBEs is available on the City's website at <https://www.indy.gov/activity/find-omwbd-contractor>.
2. Outreach/Good Faith Efforts: The MBE/WBE/VBE/DOBE Outreach/Good Faith Efforts component requires vendors who do not meet the stated utilization goals to provide evidence of outreach efforts and good faith efforts made to subcontract with MBE/WBE/VBE/DOBEs.

To be eligible for an award of the contract, IndyPL will first determine whether a vendor meets the stated minimum percentage of MBE/WBE/VBE/DOBE subcontractor utilization. The percentage is stated in the invitation. If a vendor does not meet the stated minimum percentages, a request for program waiver must be submitted with the bid/quote/proposal, using the attached Application for MBE/WBE/VBE/DOBE Program Waiver Form. IndyPL will review the submitted documentation to determine a score for the vendor's outreach/good faith efforts.

Pursuant to the MBE/WBE/VBE/DOBE Business Utilization Program requirements, the following items are included in the invitation and must be completed, signed, and submitted in each bid/quote/proposal. Failure to complete these forms with all the pertinent- requested information may cause a bid/quote/proposal to be determined as non- responsive.

1. MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction, Goods/Supplies, And Services Form.
2. Application For MBE/WBE/VBE/DOBE Program Waiver Form, if a vendor does not meet the stated minimum percentages with subcontractors.
3. Letter Of Intent to Perform as A Subcontractor/Supplier Form: must be completed and submitted to IndyPL after quote as part of the Post Quote
4. Submittal Information.

Attachment D
(Continued)

Pike Branch Egress Improvements Project 2026-02
MBE/WBE/VBE/DOBE Business Utilization Program Summary, and
MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services

MBE/WBE/VBE/DOBE UTILIZATION GOALS PLAN FOR CONSTRUCTION, GOODS/SUPPLIES, AND SERVICES

Submittal Due Date: _____
 Project: _____
 Vendor: _____ Vendor Phone: _____
 Contact Name: _____ Vendor E-mail Address: _____

Vendor is is not a City-certified MBE/WBE/VBE/DOBE and will self-perform _____% of the total contract amount.

Does an exclusive agreement exist between the Vendor and any subcontractor/supplier listed? Yes No If yes, please explain): _____

Provide names of MBE/WBE/VBE/DOBE sub-contractors/suppliers with which Vendor has not previously worked (if any): _____

If Vendor is awarded this contract, the MBE/WBE/VBE/DOBE City certified firms listed below will be utilized in the performance of the contract as a subcontractor/supplier:

Full Legal Name of Firm	MBE, WBE, VBE, or DOBE	Contact Person	Phone #	Description of Work	\$ Dollar Amount	% Of Total Contract Amount

Vendor shall submit an *Application for MBE/WBE/VBE/DOBE Program Waiver* if it fails to meet the required utilization goals for the contract. Failure to provide the Application for Waiver as a Post-Quote Submittal shall result in the disqualification and rejection of the Quote.

Vendor's Signature: _____ Date: _____

Vendor's Printed Name and Title: _____

Attachment E
Pike Branch Egress Improvements Project 2026-02
SCOPE OF SERVICES

1.0 GENERAL REQUIREMENTS

- A. The Work covered by these Technical Specifications (“Specifications”) shall include all labor, equipment, materials, and services to furnish and install complete and operating systems as described herein.
- B. Any and all miscellaneous materials, labor, and hardware not listed in the Specifications but required to provide complete and operating systems shall be provided as part of the Work.
- C. During the progress of the Work by the Contractor, any damaged finishes, furniture, or equipment shall be restored or replaced to match the existing condition.
- D. The Contractor shall secure any required permits and approvals prior to beginning of the Work.
- E. If during the Work the Contractor discovers any suspected hazardous material or unsafe wiring condition, the Contractor shall promptly notify IndyPL of the situation and cease activity in the specific Work area until further direction by IndyPL.

1.1 APPLICABLE CODES AND STANDARDS

- A. The Work shall be installed in accordance with all the current requirements of the Federal, State, and Local codes.

1.2 SUBMITTALS

- A. The Contractor shall be responsible for providing to IndyPL any information as deemed necessary by IndyPL for submittal review.
- B. The Contractor shall provide copies of all required permits and approvals prior to beginning of the Work.

1.3 QUALITY ASSURANCE

- A. Any variances to these Specifications shall be submitted to IndyPL at the time of Submittal of Questions, as established in the Schedule of Activities above, for review by IndyPL.
- B. Minimum Experience Criteria:
 - 1. The Contractor shall have been in business for a minimum of three (3) years performing similar types of installations.
 - 2. The Contractor shall have performed installation of a minimum of five (5) projects similar to this one in size and scope.
- C. Prior to the beginning of the Work, the Contractor shall meet with IndyPL at the Work Site to review the scope, access, storage, and schedule of the Work.

1.4 WARRANTY

- A. The Contractor shall warranty the Work as a system and all its components, installed by the Contractor for a minimum of one (1) year from date of substantial completion as documented by IndyPL.

- B. The Contractor shall be responsible to provide warranty service within forty-eight (48) hours after notification by IndyPL. The Contractor will be responsible for repairing any deficiencies discovered during the entire warranty period.
- C. Contractor shall repair, adjust, and/or replace, whichever IndyPL determines to be in its best interests, any defective equipment, materials, or workmanship, as well as such parts of the work damaged or destroyed by such defect, during the warranty period, at the Contractor's sole cost and expense.
- D. In the event the Contractor does not affect any warranty repair within forty-eight (48) hours from notification of any such defect, IndyPL may secure repair services from other sources and charge the Contractor for such costs without voiding the warranty.

2.0 SPECIFIC REQUIREMENTS

- A. Refer to the drawings listed below.

3.0 INSTALLATION

- A. The Contractor will coordinate onsite work with IndyPL.
- B. The entire Project shall be installed in a workmanlike manner.
- C. The work area shall be always kept clean. All debris shall be removed at the end of each work shift. All debris and removed equipment shall be disposed by the Contractor off site according to Local, State, and Federal laws. Use of IndyPL dumpsters and waste receptacles is allowed.

4.0 FIELD QUALITY CONTROL

- A. Any dimensions and drawings of existing conditions given are approximate. The Contractor shall verify exact dimensions and conditions prior to the start of work.
- B. The system shall be installed and fully tested as listed in these Specifications. The system shall be demonstrated to IndyPL to perform all features and functions as required.

5.0 SUBSTANTIAL COMPLETION REVIEW

- A. A substantial completion review will be performed before acceptance of the Work by IndyPL.
- B. The Work area will be left in a satisfactorily clean condition, as determined by IndyPL, at the end of the Work. If IndyPL determines the Work area is not satisfactorily clean, the Contractor shall perform, at his own cost, a complete cleanup of the Work area until acceptable to IndyPL.
- C. If no problems arise during the substantial completion review requiring corrective action or repair by the Contractor, the substantial completion review can, at IndyPL's discretion, be approved as the final acceptance by IndyPL.
- D. If problems arise during the substantial completion review requiring corrective action or repair by the Contractor, another complete and comprehensive review will be scheduled and performed to show the necessary repairs have been properly made. These repairs and additional review will be performed at no cost to IndyPL until a time the Work is shown to be in complete operating condition.

6.0 Drawings

A. Drawings prepared by Veridus Group dated February 9, 2026 are attached at the end of the ITQ:

C001 Title Sheet

C002 Notes and Maps

C010 Specifications

C011 Specifications

C100 Existing Topography

C110 Demolition Plan

C200 Overall site and Utility Plan

C201 Site and Utility Plan

C250 Site Details

C301 Grading Plan

C501 Erosion Control Plan

C550 Erosion Control Details

Attachment F
Pike Branch Egress Improvements Project 2026-02
SAMPLE APPLICATION FOR MBE/WBE/VBE/DOBE PROGRAM WAIVER

Within 3 business days of notification by IndyPL, Vendor shall provide a completed Waiver Application.

Pursuant to IndyPL Invitation, this application for a (check each of the following which apply)
 MBE WBE VBE DOBE Program Waiver is hereby submitted for the Project listed below by Vendor.

Submittal Due Date: _____
Project: Pike Branch Egress Improvements Project
Vendor: _____
Vendor Phone: _____
Contact Name: _____
Vendor E-mail Address: _____

In attempting to meet the Goals the Vendor made the following good faith efforts for the purpose of meeting the Goals (Check all that apply). The minimum required to establish "good faith" effort is 70 points.

- | <u>Item:</u> | <u>Weighting Score</u> |
|--|------------------------|
| <input type="checkbox"/> 1. Vendor (check one of the following) <input type="checkbox"/> did <input type="checkbox"/> did not attend all pre-bid or pre-solicitation meetings held by the City to inform MBEs, WBEs, VBEs, and DOBEs of contracting opportunities. | 10_____ |
| <input type="checkbox"/> 2. Vendor placed advertisements in search of prospective MBEs/WBEs/VBE and DOBEs for the contract. Provide all such advertisements, including e-mail "send-to" section, if used. | 10_____ |
| <input type="checkbox"/> 3. Vendor provided written notifications to MBEs/WBEs/VBEs/DOBEs notifying them of contracting opportunities in sufficient time to allow them to participate and to minority business assistance agencies for the purpose of locating prospective MBEs, WBEs, VBEs, and DOBEs for the contract. Vendor's written notification to the Office of the Mayor's Business Development Program for assistance in locating MBEs, WBEs, VBEs, and DOBEs must also be documented. Provide all such documents. | 20_____ |
| <input type="checkbox"/> 4. Vendor made the following efforts to select portions of the work to be performed by MBE/WBE/VBEs/DOBEs in order to increase the likelihood of achieving the stated goals, including the division of contracts into economically feasible units/parcels to facilitate utilization.

_____ | 10_____ |
| <input type="checkbox"/> 5. Vendor contacted and/or negotiated with MBEs/WBEs/VBEs/DOBEs for specific sub-bids and/or partnerships. Please include a description of the information provided to MBE/WBE/VBEs/DOBEs regarding the plans and specifications for portions of the work to be performed and a statement of why prospective agreements with MBE/WBE/VBEs/DOBEs were not reached. Provide detailed documentation of such contacts/ negotiations. | 15_____ |
| <input type="checkbox"/> 6. If the Vendor rejected any MBE/WBE/VBE/DOBE firm(s) as unqualified, submit the reason(s) for this conclusion. | 10_____ |
| <input type="checkbox"/> 7. Vendor provided the following technical assistance to MBEs/WBEs/VBEs/DOBEs in effort to obtain MBE/WBE/VBE/DOBE utilization, such as obtaining bonding, insurance, or a needed line of credit for the project, in an effort to obtain MBE/WBE/VBE/DOBE utilization. Provide detailed documentation of such assistance. | 15_____ |

Attachment F

Pike Branch Egress Improvements Project 2026-02 (Continued)
SAMPLE APPLICATION FOR MBE/WBE/VBE/DOBE PROGRAM WAIVER

- 8. Vendor provided interested MBE/WBE/VBE/DOBE certified to perform the solicited work with prompt access to the plans, specifications, scope of work and requirements of the contract. 10____
- 9. Vendor completed a follow-up to initial solicitations. Provide copy of all e-mails and call logs. 10____
- 10. Vendor has project joint venture agreement for this contract with an MBE/WBE/VBE/DOBE business or is a joint venture certified with the City as an MBE/WBE/VBE/DOBE business. MBE/WBE.VBE/DOBE minimum utilization shall be 30% or greater (or as may be designated by Owner for this contract). 15____
- 11. Has a Mentor-Protégé Agreement with an MBE/WBE/VBE/DOBE business for this contract. MBE/WBE.VBE/DOBE minimum utilization shall be 30% or greater (or as may be designated by Owner for this contract). 10____

TOTAL POINTS: _____

Within 3 business days of notification by IndyPL, Vendor shall provide a completed Waiver Application.

Vendor certifies that all information contained herein and attached hereto is true and accurate and that all good faith efforts were made by Vendor for the purpose of fulfilling the contract goals. Failure to sign this form will result in the bid/quote/proposal being determined non-responsive.

Vendor's Signature: _____ Date: _____

Title: _____

For IndyPL use only.

- Contract offers no opportunity to utilize subcontractors/suppliers.
- No MBE/WBE/VBE/DOBEs are certified in the category codes for which there are subcontractor/supplier opportunities.

This Application for Program Waivers is:

- Not Approved.
- Approved.
- Approved subject to the following conditions/restrictions: _____

IndyPL's Representative Signature: _____ Date: _____

Title: _____

Attachment G
Pike Branch Egress Improvements Project 2505-06
LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR/SUPPLIER

Within three (3) business days of notification by IndyPL, Vendor shall submit a fully executed "Letter of Intent to Perform as a Subcontractor/Supplier" form for each M/W/V/D Owned Business Enterprise ("XBE") subcontractor/supplier listed on their MBE/WBE/VBE/DOBE Utilization Goals Plan for Construction Goods/Supplies and Services.

PROJECT: _____

VENDOR: _____

M/W/V/D Entity: _____

The XBE Entity is currently certified by _____
XBE Entity shall provide a copy of their certification to the Vendor.

The Vendor affirms its intent to utilize the XBE Entity on the Project, and intends to enter an agreement with the listed XBE Entity who will provide the following Scope of Work:

Estimated Value of Subcontract/Supplies: \$ _____

This document shall not serve as an actual agreement between the two parties. A separate agreement will describe in detail the contractual obligations of the Vendor and the XBE Entity.

The Vendor hereby affirms its intent to utilize the XBE Entity on the Project and intends to enter a contractual agreement with the listed XBE Entity who will provide the scope of work for the stated value.

Vendor Representative's Signature

XBE Entity Representative's Signature

Vendor Printed Name

XBE Entity Printed Name

Vendor Title

XBE Entity Title

Date

Date

XBE Entity Representative's Email: _____

XBE Entity Representative's Telephone: _____

Attachment H
 Pike Branch Egress Improvements Project 2026-02
 SUBSTITUTION REQUEST FORM



**SUBSTITUTION
 REQUEST**

(During the Bidding/Negotiating Stage)

Project: _____ Substitution Request Number: _____

From: _____

To: _____ Date: _____

A/E Project Number: _____

Re: _____ Contract For: _____

Specification Title: _____ Description: _____

Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: _____

Manufacturer: _____ Address: _____ Phone: _____

Trade Name: _____ Model No.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: _____

Signed by: _____

Firm: _____

Address: _____

Telephone: _____

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

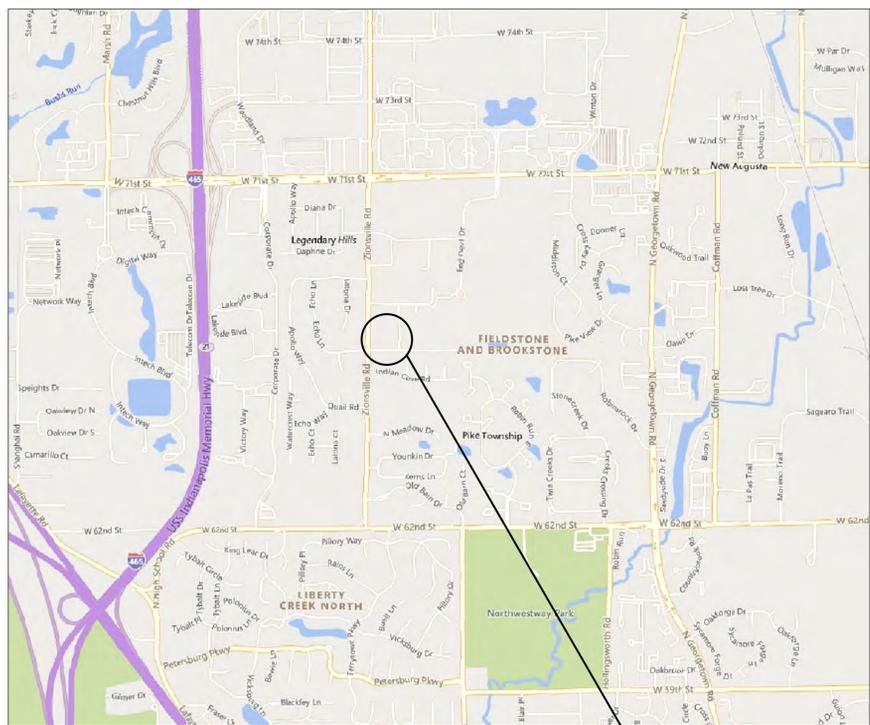
Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

INDIANAPOLIS PUBLIC LIBRARY PIKE BRANCH - EGRESS IMPROVEMENTS

PERMIT PLAN SET
6525 ZIONSVILLE ROAD
INDIANAPOLIS IN 46268

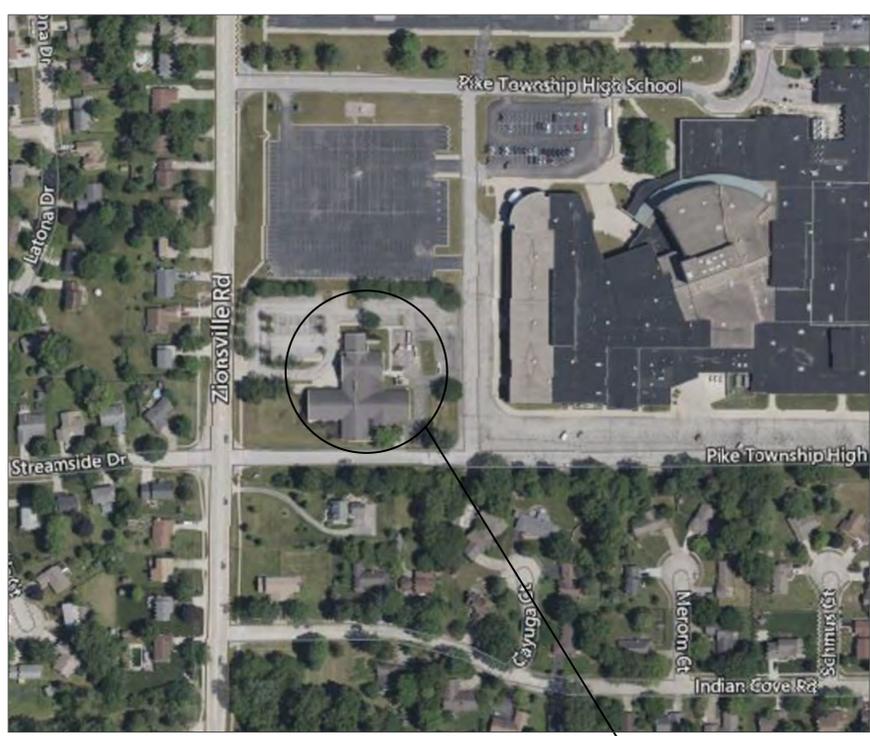


5649 Lee Road, Ste 1, Indianapolis, IN 46216
Phone: (888) 369-7271 | www.theveridusgroup.com



LOCATION MAP

Project Site



VICINITY MAP

Project Site

Sheet List Table	
Sheet Number	Sheet Title
C001	TITLE SHEET
C002	NOTES AND MAPS
C010	SPECIFICATIONS
C011	SPECIFICATIONS
C100	EXISTING TOPOGRAPHY
C110	DEMOLITION PLAN
C200	OVERALL SITE AND UTILITY PLAN
C201	SITE AND UTILITY PLAN
C250	SITE DETAILS
C301	GRADING PLAN
C501	EROSION CONTROL PLAN
C550	EROSION CONTROL DETAILS

PROJECT DESCRIPTION

THIS PROJECT INCLUDES SITE MODIFICATIONS FOR EMERGENCY EGRESS AND ACCESSIBLE ROUTES TO DESIGNATED INDIANAPOLIS PUBLIC LIBRARY ACCESS POINTS.

LAND DESCRIPTION

FROM MAP INDY AND GIS:
PT NW4 S36 T17 R2 BEG 375' N & 52.78' E OF SW COR.
P.O.B SW18.67' S90' SE 10.20' SE 8.60' S63.0'
SE 6.40' S5' SE6.40' S96.88' E344.98' N300'
W347.22' TO BEG.

LOCAL PARCEL# 6009360
STATE PARCEL #49-04-36-134-006.000-600

CONTACT INFORMATION

Owner: Kevin Thomas,
Manager Buildings and Ground
Indianapolis Public Library Pike Branch
6525 Zionsville Road,
Indianapolis IN 46268
(317) 445-8457

Contractor: TBD

Civil Engineer: Jennifer Lasch, P.E., LEED AP, BD+C
Veridus Group
5649 Lee Road, Ste1
Indianapolis, IN 46216
(888) 369-7271

UTILITY STATEMENT

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

PROJECT
PIKE BRANCH - EGRESS IMPROVEMENTS
PERMIT PLAN SET
6525 ZIONSVILLE ROAD
INDIANAPOLIS IN 46268

REVISIONS		
NO.	DATE	DESCRIPTION

ISSUE DATE: 02/09/2026

DRAWN BY: NCB CHECKED BY: JML

DRAWING TITLE

TITLE SHEET

CERTIFIED BY



02/09/2026

PROJECT NUMBER
2025.0308

DRAWING NUMBER

C001

TITLE DISCLAIMER:

IT IS NOT WARRANTED THAT THESE DRAWINGS CONTAIN COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.

UTILITY INFORMATION:

UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER, OR LOCATION OF THESE FACILITIES, STRUCTURES, AND UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION, OR CONSTRUCTION OF IMPROVEMENTS. PUBLIC AND PRIVATE UTILITIES SHALL BE LOCATED WITHIN AND IN GENERAL VICINITY OF PROPOSED CONSTRUCTION AREALIMITS.

THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER.
INDIANA UTILITY LOCATION SERVICE PHONE: 800.382.5544 OR WWW.INDIANA811.ORG

CONTRACTOR NOTE:

THE CONTRACTOR AND/OR ALL SUBCONTRACTORS SHALL INVESTIGATE, ASCERTAIN, AND CONFORM TO ANY AND ALL PERMIT REQUIREMENTS OF ALL THE AFFECTED UTILITY COMPANIES AND/OR REGULATORY AGENCIES WITH REGARDS TO MAKING CONNECTIONS TO, OR CROSSING OF, THEIR FACILITIES, WORKING WITHIN THEIR RIGHT OF WAY OR EASEMENTS, INSPECTIONS AND ASSOCIATED MONETARY CHARGES; AND/OR SPECIAL BACKFILL REQUIREMENTS. SUCH INVESTIGATION SHALL INCLUDE BUT NOT LIMITED TO THE MAKING OF NECESSARY APPLICATIONS AND PAYMENTS OF ALL REQUIRED FEES.

SURVEY/TOPOGRAPHY NOTE:

THE BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THE PLANS WAS PREPARED FROM AN ACTUAL FIELD SURVEY PROVIDED BY TORRENGA SURVEYING, LLC. ALL EXISTING INFORMATION PRESENTED IN THESE PLANS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR. ANY DISCREPANCIES IN THE PLANS SHALL BE MADE AWARE TO THE ARCHITECT AND ENGINEER PRIOR TO BEGINNING CONSTRUCTION.

CIVIL CONSTRUCTION NOTES:

THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CITY OF INDIANAPOLIS STANDARDS, ORDINANCES AND REGULATIONS, AND ALL OTHER AGENCIES HAVING JURISDICTION AND UTILITY PROVIDER REQUIREMENTS ARE MET.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY EXISTING IMPROVEMENTS OR UNDERGROUND FACILITIES THAT ARE DAMAGED.

THE CONTRACTOR SHALL LEAVE AN EMERGENCY PHONE NUMBER WITH THE POLICE AND FIRE DEPARTMENTS AND KEEP THEM INFORMED OF CONSTRUCTION ACTIVITIES AND OF ANY DETOURS.

CONTRACTOR SHALL POST EMERGENCY PHONE NUMBERS AT THE SITE FOR THE PUBLIC WORKS, AMBULANCE, POLICE, FIRE DEPARTMENT, AND UTILITY LOCATE COMPANIES AT ALL TIMES.

THE CONTRACTOR SHALL CONDUCT THEIR WORK SO AS NOT TO INTERFERE WITH OR HINDER THE PROGRESS OF THE COMPLETION OF WORK BEING PERFORMED BY OTHER CONTRACTORS.

THE CONTRACTOR AND ALL SUBCONTRACTORS INVOLVED IN THE PROJECT, SHALL ASSUME LIABILITY, FINANCIAL OR OTHERWISE, IN CONNECTION WITH THEIR CONTRACT AND SHALL PROTECT AND HOLD HARMLESS THE ENGINEER AND THE ENGINEER'S REPRESENTATIVES FROM ANY AND ALL DAMAGES OR CLAIMS THAT MAY ARISE BECAUSE OF INCONVENIENCE, DELAYS, OR LOSS EXPERIENCED BECAUSE OF THE PRESENCE AND OPERATIONS OF OTHER CONTRACTORS OR CONSULTANTS WORKING ADJACENT TO OR WITHIN THE LIMITS OF THE PROJECT.

CONTRACTOR SHALL REPAIR ANY DAMAGE TO PROPERTY DURING CONSTRUCTION. DAMAGED PROPERTY SHALL BE RETURNED TO THE EXISTING CONDITIONS AT A MINIMUM.

PUBLIC SAFETY AND TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE CITY OF INDIANAPOLIS STANDARDS AND SPECIFICATIONS AND AS DIRECTED BY THE TOWN. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AROUND THE SITE AT ALL TIMES. ALL DETOURS/LANE CLOSURES MUST BE HANDLED USING TRAFFIC CONTROL DEVICES CONFORMING TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION, AND MUST BE APPROVED BY THE CITY.

ADEQUATE AREA WILL BE PROVIDED FOR MATERIAL LAY-DOWN AND DUMPSTER. COORDINATE LOCATION WITH OWNER PRIOR TO CONSTRUCTION.

ADEQUATE TEMPORARY OFF-STREET PARKING FOR CONSTRUCTION WORKERS SHALL BE PROVIDED. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION, WHEREBY MUD FROM CONSTRUCTION AND/OR WORKERS VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONDITIONS.

ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, AND TESTING ASSOCIATED WITH THIS PROJECT SHALL CONFORM TO THE FOLLOWING STANDARD SPECIFICATIONS AND REQUIREMENTS INSOFAR AS THEY APPLY (EXCEPT ALL REQUIREMENTS FOR METHOD OF MEASUREMENT OR PAYMENT DO NOT APPLY).

STANDARD SPECIFICATIONS AS PUBLISHED BY THE INDIANA DEPARTMENT OF TRANSPORTATION, LATEST EDITION. NATIONAL MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.

UNITED STATES AMERICANS WITH DISABILITIES ACT.

INDIANA DEPARTMENT OF ENVIRONMENTAL PROTECTION, INDIANA STORM WATER QUALITY MANUAL.

CITY OF INDIANAPOLIS ORDINANCES AND REGULATIONS.

ALL ORDINANCES, LAWS, REGULATIONS, AND STANDARDS OF ALL PERTINENT AUTHORITIES HAVING JURISDICTION OVER THE WORK ASSOCIATED WITH THIS PROJECT.

ANY INCONSISTENCIES, DISCREPANCIES OR CONFLICTS DISCOVERED BETWEEN THE VARIOUS STANDARDS, SPECIFICATIONS OR LAWS BY GOVERNING AUTHORITIES AND/OR THESE PLANS AND SPECIFICATIONS, THE MOST STRINGENT SHALL BE BINDING AND APPLICABLE TO THIS PROJECT.

CIVIL SITE NOTES:

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES FOR SAFETY PRECAUTIONS OR PROGRAMS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

PRIOR TO CONSTRUCTION, THE ENGINEER AND REVIEWING AGENCY, MUST APPROVE ANY ALTERATION OR VARIANCE FROM THE PLANS. ANY VARIATIONS FROM THESE PLANS SHALL BE PROPOSED ON THE CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE ENGINEER.

ANY INSPECTION BY THE MUNICIPALITY, COUNTY, STATE OR THE ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND AGENCY REQUIREMENTS.

REMOVAL AND REPLACEMENT QUANTITIES ARE APPROXIMATE AND THE EXACT LOCATION OF REMOVAL LIMITS SHALL BE VERIFIED IN THE FIELD AND APPROVED BY THE INSPECTOR PRIOR TO THE START OF CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS AND BONDS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL HAVE A COPY OF THE CONTRACT DOCUMENTS INCLUDING THE PLANS, SPECIFICATIONS, COPIES OF REQUIRED CONSTRUCTION PERMITS, EROSION AND SEDIMENT CONTROL PLANS AND INSPECTION REPORTS AT THE JOB SITE AT ALL TIMES.

ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND ENGINEER OF RECORD DIRECTLY FROM THE TESTING COMPANY.

THE CONTRACTOR SHALL THOROUGHLY CHECK AND COORDINATE THE ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND ALL OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. THE OWNER AND ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY RELOCATIONS INCLUDING BUT NOT LIMITED TO: UNDERGROUND AND OVERHEAD UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS AND POLES, IRRIGATION STRUCTURES, AND OTHER EXISTING APPURTENANCES AS REQUIRED TO FACILITATE THE INSTALLATION OF THE PROPOSED IMPROVEMENTS. ALL RELOCATION WORK SHALL BE IN ACCORDANCE WITH AUTHORITY HAVING JURISDICTION STANDARDS AND SPECIFICATIONS AND SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION PRIOR TO COMMENCEMENT OF ANY WORK. ALL RESULTING COSTS SHALL BE DEEMED TO BE INCLUDED IN THE CONTRACTOR'S COST/BID.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ALL AREAS TO BE EXCAVATED OR FILLED.

THE CONTRACTOR SHALL NOT TAKE ADVANTAGE OF ANY APPARENT ERROR OR OMISSION ON THE PLANS OR SPECIFICATIONS, IN THE EVENT THE CONTRACTOR DISCOVERS ANY APPARENT ERROR OR DISCREPANCY, THEY SHALL IMMEDIATELY CALL UPON THE ENGINEER FOR THEIR INTERPRETATION AND DECISION.

THE CONTRACTOR SHALL COMPLY WITH ALL LEGAL ROAD RESTRICTIONS IN THE HAULING OF MATERIALS ON PUBLIC ROADS/STREETS BEYOND THE LIMITS OF THE WORK. A SPECIAL HAUL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR ANY DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL OR EQUIPMENT.

CITY OF INDIANAPOLIS, MARION COUNTY, AND INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) CONSTRUCTION NOTES:

CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF INDIANAPOLIS, MARION COUNTY, AND/OR INDOT AT LEAST 48 HOURS PRIOR TO POURING CONCRETE, INSTALLING STORM SEWER, INSTALLING SANITARY SEWER, OR OTHERWISE PROVIDING SUCH ADVANCE NOTICE AS MAY BE REQUIRED BY THESE JURISDICTIONS.

ALL WORK, MATERIALS, AND INSTALLATION SHALL NOT BE DEEMED SATISFACTORY UNTIL SUCH TIME AS ALL APPROVALS ARE OBTAINED FROM THE JURISDICTIONAL AUTHORITY.

THE CONTRACTOR SHALL PROCEED AT THEIR OWN RISK IN PERFORMING ANY WORK PRIOR TO VERIFYING OR RECEIVING ALL NECESSARY PERMITS FOR THE WORK TO BE COMPLETED.

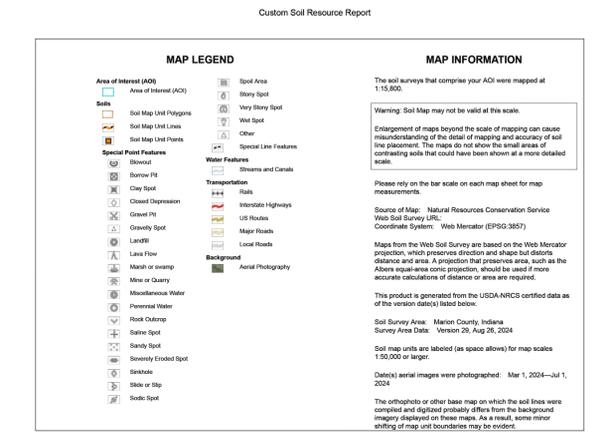
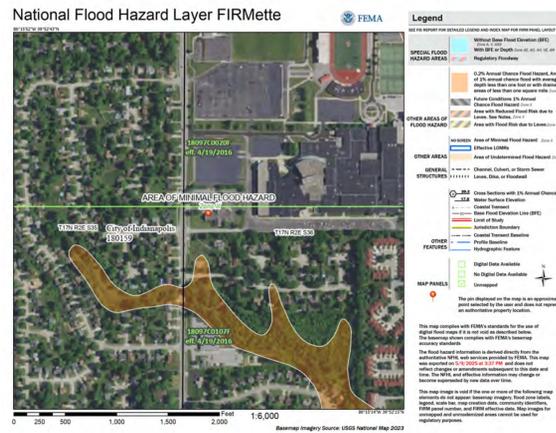
THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PROTECT ALL EXISTING UTILITIES.

ANY SIDEWALKS, CURB AND GUTTER, OR STREET ROADWAY PAVEMENT DAMAGED IN THE COURSE OF CONSTRUCTION ACTIVITY ON ADJACENT PRIVATE PROPERTY MUST BE REPLACED IN KIND.

ALL DISTURBED AREAS WITHIN THE CITY OF INDIANAPOLIS, MARION COUNTY, AND INDOT RIGHT OF WAY SHALL BE RESTORED PER THEIR REQUIREMENTS.

CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ANY SIGNS THAT NEED TO BE MOVED TO COMPLETE THE WORK. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

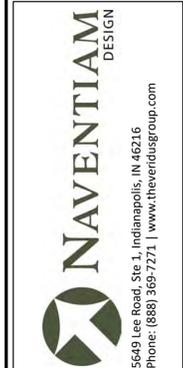
Placeholder



Map Unit Legend table with columns: Map Unit Symbol, Map Unit Name, Acres in ADI, Percent of ADI. Includes rows for UbaA, UdaA, YbaA, YdaA, YmbB, YmbZ, YmbH, YbaAH and a Totals row.

Map Unit Descriptions text explaining the soil units delineated on the detailed soil maps and their properties.

PRINT DATE: 2/26/26 PLOT SCALE: 1:1 EDIT DATE: 2/20/25 - 4:18 PM EDITED BY: NVALENTE DRAWING FILE: 2:PROJECTS\2025\CSE PROJECTS\300-499\2025\0308 - PIKE BRANCH\2. DESIGN\CADD\000\NOTES AND MAPS\SHEET.DWG



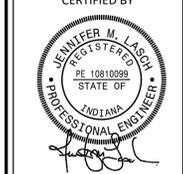
PROJECT PIKE BRANCH - EGRESS IMPROVEMENTS PERMIT PLAN SET 6225 ZIONSVILLE ROAD INDIANAPOLIS IN 46268

REVISIONS table with columns: NO., DATE, DESCRIPTION.

ISSUE DATE: 02/09/2026 DRAWN BY: NCB CHECKED BY: JML

DRAWING TITLE

NOTES AND MAPS



02/09/2026 PROJECT NUMBER 2025.0308

DRAWING NUMBER C002

SECTION 1 - SITE CLEARING

PART 1 - GENERAL

- 1.01 RELATED DOCUMENTS:
A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS, AND FRONT-END SPECIFICATION SECTIONS, APPLY TO WORK OF THIS SECTION.
B. GEOTECHNICAL REPORT PREPARED FOR THIS SPECIFIC PROJECT AND EARLIER VERSIONS/RELATED DOCUMENTS.
C. ENVIRONMENTAL AND ARCHAEOLOGICAL REPORTS/REQUIREMENTS BY OTHERS, CONTACT OWNER FOR INFORMATION AND COORDINATION.
1.02 DESCRIPTION OF WORK:
A. EXTENT OF SITE CLEARING AS INDICATED ON DRAWINGS.
1.03 PROJECT CONDITIONS:
A. TRAFFIC: MINIMIZE INTERFERENCE WITH ADJOINING ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES DURING SITE-CLEANING OPERATIONS.
B. PROTECTION OF EXISTING IMPROVEMENTS: PROVIDE PROTECTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED TO REMAIN IN PLACE.
C. UTILITY LOCATOR SERVICE: NOTIFY UTILITY LOCATOR SERVICE FOR AREA WHERE PROJECT IS LOCATED PRIOR TO PROJECT COMMENCEMENT.
D. PROTECTION OF EXISTING VEGETATION: PROTECT EXISTING VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING AND BRUISING OF BARK, SMOOTHING BY STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS, EXCESS FOOT OR VEHICULAR TRAFFIC, OR PARKING OF VEHICLES.
1.04 PROTECTION OF EXISTING IMPROVEMENTS: PROVIDE PROTECTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED TO REMAIN IN PLACE.
1.05 JOB CONDITIONS:
A. SITE INFORMATION: SOILS INVESTIGATION DATA ON INDICATED SUBSURFACE CONDITIONS ARE NOT INTENDED AS REPRESENTATIONS OR WARRANTIES OF ACCURACY OR CONTINUITY BETWEEN SOIL BEARINGS. IT IS EXPRESSLY UNDERSTOOD THAT OWNER WILL NOT BE RESPONSIBLE FOR INTERPRETATIONS OR CONCLUSIONS DRAWN THEREFROM BY CONTRACTOR.
B. EXISTING UTILITIES: LOCATE EXISTING UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING EARTHWORK OPERATIONS.
C. GENERAL: CONTROL SOIL COMPACTION DURING CONSTRUCTION PROVIDING MINIMUM PERCENTAGE OF DENSITY SPECIFIED FOR EACH AREA CLASSIFICATION INDICATED BELOW AND RECOMMENDED BY SOILS ENGINEER AND APPROVED BY ARCHITECT.
D. PROTECTION OF PERSONS AND PROPERTY: BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING LIGHTS.
E. IMPROVEMENTS ON ADJOINING PROPERTY: AUTHORITY FOR PERFORMING REMOVAL AND ALTERATION WORK ON PROPERTY ADJOINING OWNER'S PROPERTY WILL BE OBTAINED BY OWNER PRIOR TO AWARD OF CONTRACT.
F. SALEABLE IMPROVEMENTS: CAREFULLY REMOVE ITEMS INDICATED TO BE SALVAGED, AND STORE ON OWNER'S PREMISES WHERE INDICATED OR DIRECTED.

PART 2 - EXECUTION

- 2.01 POLLUTION CONTROLS:
A. GENERAL: USE WATER SPRINKLING, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
1. DO NOT USE WATER WHEN IT MAY CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS ICE, FLOODING, AND POLLUTION.
2. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY CLEARING AND GRUBBING OPERATIONS, AS DIRECTED BY ARCHITECT OR GOVERNING AUTHORITIES. RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO START OF WORK.
2.02 SITE CLEARING:
A. GENERAL: REMOVE TREES, SHRUBS, GRASS AND OTHER VEGETATION, IMPROVEMENTS, OR OBSTRUCTIONS INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION.
REMOVE SUCH ITEMS ELSEWHERE ON SITE OR PREMISES AS SPECIFICALLY INDICATED. REMOVAL INCLUDES DIGGING OUT STUMPS AND ROOTS.
B. TOPSOIL: TOPSOIL IS DEFINED AS FRIABLE CLAY LOAM SURFACE SOIL FOUND IN A DEPTH OF NOT LESS THAN 4" IN MOST CONDITIONS. SATISFACTORY TOPSOIL IS REASONABLY FREE OF SUBSOIL, CLAY LUMPS, STONES, AND OTHER OBJECTS OVER 2" IN DIAMETER, AND WITHOUT WEEDS, ROOTS, OR OTHER OBJECTIONABLE MATERIAL.
1. STRIP TOPSOIL TO DEPTHS INDICATED IN SOIL INVESTIGATION REPORT OR TO WHATEVER DEPTHS ENCOUNTERED IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OR OTHER OBJECTIONABLE MATERIAL.
2. STOCKPILE TOPSOIL IN STORAGE PILES IN AREAS AS NOTED ON PLANS, OR WHERE DIRECTED. CONSTRUCT STORAGE PILES TO FREELY DRAIN SURFACE WATER. COVER STORAGE PILES IF REQUIRED TO PREVENT WINDBLOWN DUST. SURROUND STORAGE PILES WITH EROSION CONTROL MEASURES, I.E. SILT FENCE.
3. DISPOSE OF UNSUITABLE OR EXCESS TOPSOIL SAME AS WASTE MATERIAL, HEREIN SPECIFIED.
C. CLEARING AND GRUBBING: CLEAR SITE OF TREES, SHRUBS AND OTHER VEGETATION WITHIN CONTRACT LIMIT, EXCEPT FOR THOSE INDICATED TO BE LEFT STANDING.
1. USE ONLY HAND METHODS FOR GRUBBING INSIDE DRIP LINE OF TREES INDICATED TO BE LEFT STANDING.
2. FILL DEPRESSIONS CAUSED BY CLEARING AND GRUBBING OPERATIONS WITH SATISFACTORY SOIL MATERIAL, UNLESS FURTHER EXCAVATION OR EARTHWORK IS INDICATED AS APPROVED BY SOILS ENGINEER.
D. REMOVAL OF IMPROVEMENTS: REMOVE EXISTING ABOVE GRADE AND BELOW GRADE IMPROVEMENTS NECESSARY TO PERMIT CONSTRUCTION AND OTHER WORK AS INDICATED.
1. REMOVAL OF PAVEMENT, SIDEWALKS AND CURBS SHALL BE BROKEN INTO PIECES OF SIZES TO ALLOW EASE OF REMOVAL AND DISPOSAL.
2. ABANDONMENT OR REMOVAL OF CERTAIN UNDERGROUND PIPE OR CONDUITS MAY BE SHOWN ON MECHANICAL OR ELECTRICAL DRAWINGS AND IS INCLUDED UNDER WORK OF THOSE SECTIONS. REMOVAL OF ABANDONED UNDERGROUND PIPING OR CONDUIT INTERFERING WITH CONSTRUCTION IS INCLUDED UNDER THIS SECTION.

SECTION 2 - EARTH MOVING

PART 1 - GENERAL

- 1.01 RELATED DOCUMENTS:
A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND FRONT-END SPECIFICATION SECTIONS, APPLY TO WORK OF THIS SECTION.
B. GEOTECHNICAL REPORT PREPARED FOR THIS SPECIFIC PROJECT AND EARLIER VERSIONS/RELATED DOCUMENTS.
C. ENVIRONMENTAL AND ARCHAEOLOGICAL REPORTS/REQUIREMENTS BY OTHERS, CONTACT OWNER FOR INFORMATION AND COORDINATION.
1.02 DESCRIPTION OF WORK:
A. EXTENT OF EARTHWORK AS INDICATED ON DRAWINGS.
B. DEFINITION: "EXCAVATION" CONSISTS OF REMOVAL OF MATERIAL ENCOUNTERED TO SUBGRADE ELEVATIONS INDICATED AND SUBSEQUENT DISPOSAL OF MATERIALS REMOVED.
1.03 QUALITY ASSURANCE:
A. CODES AND STANDARDS: PERFORM EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION.
B. TESTING AND INSPECTION SERVICE:
1. TESTING LABORATORY: EMPLOY, AT CONSTRUCTION MANAGER/OWNER'S EXPENSE, TESTING LABORATORY TO PERFORM SOIL TESTING AND INSPECTION SERVICE FOR QUALITY CONTROL. TESTING DURING EARTHWORK OPERATIONS.
2. SOILS ENGINEER: TESTING LABORATORY SHALL ASSIGN A REGISTERED SOILS ENGINEER TO SUPERVISE THE ENTIRE PERIOD OF EARTHWORK AND BE RESPONSIBLE FOR ALL TESTING AND INSPECTIONS.
C. SOILS INVESTIGATION REPORT: SOILS ENGINEER SHALL OBTAIN A COPY OF THE SOILS INVESTIGATION REPORT AND BE RESPONSIBLE TO MAKE SURE THAT ALL EARTHWORK OPERATIONS CONFORM, UNLESS DIRECTED OTHERWISE BY THE ARCHITECT/ENGINEER OR SO INDICATED ON BY THE CONTRACT DOCUMENTS.
D. SOIL MATERIALS USED ON THE PROJECT WHETHER EXISTING OR NEW SHALL BE VERIFIED AND APPROVED BY SOILS ENGINEER. IF NOT APPROVED, THE SOILS ENGINEER SHALL MAKE RECOMMENDATIONS TO THE PROPER MATERIALS TO BE USED FOR APPROVAL BY THE ARCHITECT/ENGINEER.
E. COMPACTION OF SOIL MATERIALS USED ON THE PROJECT WHETHER EXISTING OR NEW BASED ON THEIR INTEND USE, SHALL BE VERIFIED AND APPROVED BY SOILS ENGINEER. IF NOT APPROVED, THE SOILS ENGINEER SHALL MAKE RECOMMENDATIONS

TO THE PROPER COMPACTION AND PERCENT OF RELATIVE DENSITY OF SOIL MATERIALS FOR APPROVAL BY THE ARCHITECT/ENGINEER.

- 1.04 SUBMITTALS:
A. TEST REPORTS EXCAVATING: SUBMIT THE FOLLOWING REPORTS DIRECTLY TO ARCHITECT/ENGINEER FROM THE TESTING SERVICES, WITH COPY TO CONTRACTOR:
1. TEST REPORTS ON BORROW MATERIAL.
2. VERIFICATION OF EACH FOOTING SUBGRADE.
3. FIELD DENSITY TEST REPORTS.
4. ONE OPTIMUM MOISTURE MAXIMUM DENSITY CURVE FOR EACH TYPE OF SOIL ENCOUNTERED.
5. REPORT OF ACTUAL UNCONFINED COMPRESSIVE STRENGTH AND/OR RESULTS OF BEARING TESTS OF EACH STRATA TESTED.
1.05 JOB CONDITIONS:
A. SITE INFORMATION: SOILS INVESTIGATION DATA ON INDICATED SUBSURFACE CONDITIONS ARE NOT INTENDED AS REPRESENTATIONS OR WARRANTIES OF ACCURACY OR CONTINUITY BETWEEN SOIL BEARINGS. IT IS EXPRESSLY UNDERSTOOD THAT OWNER WILL NOT BE RESPONSIBLE FOR INTERPRETATIONS OR CONCLUSIONS DRAWN THEREFROM BY CONTRACTOR.
B. EXISTING UTILITIES: LOCATE EXISTING UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING EARTHWORK OPERATIONS.
C. GENERAL: CONTROL SOIL COMPACTION DURING CONSTRUCTION PROVIDING MINIMUM PERCENTAGE OF DENSITY SPECIFIED FOR EACH AREA CLASSIFICATION INDICATED BELOW AND RECOMMENDED BY SOILS ENGINEER AND APPROVED BY ARCHITECT.
D. PROTECTION OF PERSONS AND PROPERTY: BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING LIGHTS.
E. IMPROVEMENTS ON ADJOINING PROPERTY: AUTHORITY FOR PERFORMING REMOVAL AND ALTERATION WORK ON PROPERTY ADJOINING OWNER'S PROPERTY WILL BE OBTAINED BY OWNER PRIOR TO AWARD OF CONTRACT.
F. SALEABLE IMPROVEMENTS: CAREFULLY REMOVE ITEMS INDICATED TO BE SALVAGED, AND STORE ON OWNER'S PREMISES WHERE INDICATED OR DIRECTED.

PART 2 - PRODUCTS

- 2.01 SOIL MATERIALS:
GENERAL: PLACE ACCEPTABLE SOIL MATERIAL IN LAYERS TO REQUIRED SUBGRADE ELEVATIONS, FOR EACH AREA CLASSIFICATION LISTED BELOW. IN EXCAVATIONS, USE SATISFACTORY EXCAVATED OR BORROW MATERIAL.
A. SATISFACTORY SOIL MATERIALS ARE DEFINED AS THOSE COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, SM, SW, SP, AND SITE EXCAVATED MATERIAL APPROVED BY SOILS ENGINEER.
B. UNSATISFACTORY SOIL MATERIALS ARE DEFINED AS THOSE COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GC, SC, ML, MH, CL, CH, OH, OI, AND APPROVED BY SOILS ENGINEER.
C. SUB-BASE MATERIAL: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, CRUSHED SLAG, NATURAL OR CRUSHED SAND AND APPROVED BY SOILS ENGINEER.
D. DRAINAGE FILL: WASHED, EVENLY GRADED MIXTURE OF CRUSHED STONE, OR CRUSHED OR UNCRUSHED GRAVEL, WITH 100% PASSING A 1 1/2" SIEVE AND NOT MORE THAN 5% PASSING A NO. 4 SIEVE AND APPROVED BY SOILS ENGINEER.
E. BACKFILL AND FILL MATERIALS: SATISFACTORY SOIL MATERIALS FREE OF CLAY, ROCKER OR GRAVEL LARGER THAN 2" IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETABLE AND OTHER DELETERIOUS MATERIAL AND APPROVED BY SOILS ENGINEER.

PART 3 - EXECUTION

- 3.01 POLLUTION CONTROLS:
A. GENERAL: USE WATER SPRINKLING, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
B. DO NOT USE WATER WHEN IT MAY CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS ICE, FLOODING AND POLLUTION.
C. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY EARTHWORK OPERATIONS, AS DIRECTED BY ARCHITECT OR GOVERNING AUTHORITIES, RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO START OF WORK.
3.02 EXCAVATION:
A. EXCAVATION IS UNCLASSIFIED, AND INCLUDES EXCAVATION TO SUBGRADE ELEVATIONS INDICATED, REGARDLESS OF CHARACTER OF MATERIALS AND OBSTRUCTIONS ENCOUNTERED.
B. UNAUTHORIZED EXCAVATION CONSISTS OF REMOVAL OF MATERIALS BEYOND INDICATED SUBGRADE ELEVATIONS OR DIMENSIONS WITHOUT SPECIFIC DIRECTION OF ARCHITECT/ENGINEER. UNAUTHORIZED EXCAVATION, AS WELL AS REMEDIAL WORK DIRECTED BY SOILS ENGINEER AND APPROVED BY ARCHITECT/ENGINEER, SHALL BE AT CONTRACTOR'S EXPENSE.
1. UNDER FOOTINGS, FOUNDATION BASES, OR RETAINING WALLS, FILL UNAUTHORIZED EXCAVATION BY EXTENDING INDICATED BOTTOM ELEVATION OF FOOTING OR BASE TO EXCAVATION BOTTOM, WITHOUT ALTERING REQUIRED TOP ELEVATION. LEAN CONCRETE FILL MAY BE USED TO BRING ELEVATIONS TO PROPER POSITION, WHEN ACCEPTABLE TO SOILS ENGINEER AND APPROVED BY ARCHITECT/ENGINEER.
2. ELSEWHERE, BACKFILL AND COMPACT UNAUTHORIZED EXCAVATIONS AS SPECIFIED FOR AUTHORIZED EXCAVATIONS OF SAME CLASSIFICATION, UNLESS OTHERWISE DIRECTED BY SOILS ENGINEER AND APPROVED BY ARCHITECT/ENGINEER.
C. ADDITIONAL EXCAVATION: WHEN EXCAVATION HAS REACHED REQUIRED SUB GRADE ELEVATIONS, NOTIFY ARCHITECT/ENGINEER WHO WILL MAKE AN INSPECTION OF CONDITIONS.
D. IF UNSUITABLE BEARING MATERIALS ARE ENCOUNTERED AT REQUIRED SUB GRADE ELEVATIONS, CARRY EXCAVATIONS DEEPER AND REPLACE EXCAVATED MATERIAL AS DIRECTED BY SOILS ENGINEER AND APPROVED BY ARCHITECT/ENGINEER.
1. REMOVAL OF UNSUITABLE MATERIAL AND ITS REPLACEMENT AS DIRECTED WILL BE PAID ON BASIS OF CONTRACT CONDITIONS RELATIVE TO CHANGES IN WORK.
E. STABILITY OF EXCAVATIONS: SLOPE SIDES OF EXCAVATIONS TO COMPLY WITH LOCAL CODES AND ORDINANCES HAVING JURISDICTION AND AS RECOMMENDED BY SOILS ENGINEER. SHORE AND BRACE WHERE SLOPING IS NOT POSSIBLE BECAUSE OF SPACE RESTRICTIONS OR STABILITY OF MATERIAL EXCAVATED.
1. MAINTAIN SIDES AND SLOPES OF EXCAVATIONS IN SAFE CONDITION UNTIL COMPLETION OF BACKFILLING.
F. SHORING AND BRACING: PROVIDE MATERIALS FOR SHORING AND BRACING, SUCH AS SHEET PILING, UPRIGHTS, STRINGERS, AND CROSS BRACES, IN GOOD SERVICEABLE CONDITION.
1. ESTABLISH REQUIREMENTS FOR TRENCH SHORING AND BRACING TO COMPLY WITH LOCAL CODES AND AUTHORITIES HAVING JURISDICTION AND AS RECOMMENDED BY SOILS ENGINEER.
2. MAINTAIN SHORING AND BRACING IN EXCAVATIONS REGARDLESS OF TIME PERIOD EXCAVATIONS WILL BE OPEN. CARRY DOWN SHORING AND BRACING AS EXCAVATION PROGRESSES.
3. PROVIDE PERMANENT STEEL SHEET PILING OR PRESSURE CREOSOTED TIMBER SHEET PILING WHEREVER SUBSEQUENT REMOVAL OF SHEET PILING MIGHT PERMIT LATERAL MOVEMENT OF SOIL UNDER ADJACENT STRUCTURES. CUT OFF TOPS AS REQUIRED AND LEAVE PERMANENTLY IN PLACE.
G. DEWATERING: PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA.
1. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS. REMOVE WATER TO PREVENT SOFTENING OF FOUNDATION FOOTINGS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DETRIMENTAL TO STABILITY OF SUBGRADES AND FOUNDATIONS. PROVIDE AND MAINTAIN PUMPS, WELL POINTS, SUMPS, SUCTION AND DISCHARGE LINES, AND OTHER DEWATERING SYSTEM COMPONENTS NECESSARY TO CONVEY WATER AWAY FROM EXCAVATIONS.
H. MOISTURE CONTENT: DO NOT CONTINUE WITH COMPACTION UNTIL PROPER MOISTURE CONTENT HAS BEEN ESTABLISHED AND APPROVED BY SOILS ENGINEER.
1. ESTABLISH AND MAINTAIN TEMPORARY DRAINAGE DITCHES AND OTHER DIVERSIONS OUTSIDE EXCAVATION LIMITS TO CONVEY RAIN WATER AND WATER REMOVED FROM EXCAVATIONS TO COLLECTING OR RUN OFF AREAS. DO NOT USE TRENCH EXCAVATIONS AS TEMPORARY DRAINAGE DITCHES.
I. MATERIAL STORAGE: STOCKPILE SATISFACTORY EXCAVATED MATERIALS WHERE DIRECTED, UNTIL REQUIRED FOR BACKFILL OR FILL PLACE, GRADE AND SHAPE STOCKPILES FOR PROPER DRAINAGE.
1. LOCATE AND RETAIN SOIL MATERIALS AWAY FROM EDGE OF EXCAVATIONS. DO NOT STORE WITHIN DRIP LINE OF TREES INDICATED TO REMAIN.
2. DISPOSE OF EXCESS SOIL MATERIAL AND WASTE MATERIALS AS HEREIN SPECIFIED.
J. EXCAVATION FOR STRUCTURES: CONFORM TO ELEVATIONS AND DIMENSIONS SHOWN WITHIN A TOLERANCE OF PLUS OR MINUS 0.10' AND EXTENDING A SUFFICIENT DISTANCE FROM FOOTINGS AND FOUNDATIONS TO PERMIT PLACING AND REMOVAL OF CONCRETE FORM WORK, INSTALLATION OF SERVICES, OTHER CONSTRUCTION, AND FOR INSPECTION.
1. IN EXCAVATING FOR FOOTINGS AND FOUNDATIONS, TAKE CARE NOT TO DISTURB BOTTOM OF EXCAVATION. EXCAVATE BY HAND TO FINAL GRADE JUST BEFORE CONCRETE REINFORCEMENT IS PLACED. TRIM BOTTOMS TO REQUIRED LINES AND GRADES TO LEAVE SOLID BASE TO RECEIVE OTHER WORK.
2. IN EXCAVATING FOR GRADE BEAMS, USE TRENCHING MACHINE OF PROPER WIDTH TO PROVIDE EARTH FORMS AS APPROVED BY SOILS ENGINEER.
3. IN EXCAVATING FOR SPREAD FOOTINGS, THE SOIL MATERIALS IS OF THE PROPER TYPE AS APPROVED BY SOILS ENGINEER, EARTH

- FORMS MAY BE USED.
4. FOR PILE FOUNDATIONS, STOP EXCAVATIONS FROM 6" TO 12" ABOVE BOTTOM OF FOOTING BEFORE PILES ARE PLACED. AFTER PILES HAVE BEEN DRIVEN, REMOVE LOOSE AND DISPLACED MATERIAL, AND EXCAVATE TO FINAL GRADE, LEAVING SOLID BASE TO RECEIVE CONCRETE PILE CAPS.
K. EXCAVATION FOR PAVEMENTS: CUT SURFACE UNDER PAVEMENTS TO COMPLY WITH CROSS SECTIONS, ELEVATIONS, AND GRADES AS SHOWN.
L. EXCAVATION FOR TRENCHES: DIG TRENCHES TO THE UNIFORM WIDTH REQUIRED FOR PARTICULAR ITEM TO BE INSTALLED, SUFFICIENTLY WIDE TO PROVIDE AMPLE WORKING ROOM. PROVIDE 6" TO 9" CLEARANCE ON BOTH SIDES OF PIPE OR CONDUIT.
1. EXCAVATE TRENCHES TO DEPTH INDICATED OR REQUIRED. CARRY DEPTH OF TRENCHES FOR PIPING TO ESTABLISH INDICATED FLOW LINES AND INVERT ELEVATIONS.
2. BEYOND BUILDING PERIMETER, KEEP BOTTOMS OF TRENCHES SUFFICIENTLY BELOW FINISH GRADE TO AVOID FREEZE UPS.
3. WHERE ROCK IS ENCOUNTERED, CARRY EXCAVATION 6" BELOW REQUIRED ELEVATION AND BACKFILL WITH A 6" LAYER OF CRUSHED STONE OR GRAVEL PRIOR TO INSTALLATION OF PIPE.
4. FOR PIPES OR CONDUIT 5" OR LESS IN NOMINAL SIZE AND FOR FLAT BOTTOMED MULTIPLE DUCT CONDUIT UNITS, DO NOT EXCAVATE BEYOND INDICATED DEPTHS. HAND EXCAVATE BOTTOM CUT TO ACCURATE ELEVATIONS AND SUPPORT PIPE OR CONDUIT ON UNDISTURBED SOIL.
5. FOR PIPES OR CONDUIT 6" OR LARGER IN NOMINAL SIZE, AND FOR FLAT BOTTOMED MECHANICAL/ELECTRICAL WORK INDICATED TO RECEIVE SUB-BASE, EXCAVATE TO SUB-BASE DEPTH INDICATED, OR, IF NOT OTHERWISE INDICATED, TO 6" BELOW BOTTOM OF WORK TO BE SUPPORTED.
6. EXCEPT AS OTHERWISE INDICATED, EXCAVATE FOR EXTERIOR WATER BEARING PIPING (WATER, STEAM, CONDENSATE, DRAINAGE) SO TOP OF PIPING IS NOT LESS THAN 4" BELOW FINISHED GRADE.
7. GRADE BOTTOMS OF TRENCHES AS INDICATED, NOTCHING UNDER PIPE BELLS TO PROVIDE SOLID BEARING FOR ENTIRE BODY OF PIPE.
8. BACKFILL TRENCHES WITH CONCRETE WHERE TRENCH EXCAVATIONS PASS WITHIN 18" OF COLUMN OR WALL FOOTINGS AND WHICH ARE CARRIED BELOW BOTTOM OF SUCH FOOTINGS, OR WHICH PASS UNDER WALL FOOTINGS. PLACE CONCRETE TO LEVEL OF BOTTOM OF ADJACENT FOOTING.
9. CONCRETE IS SPECIFIED IN SECTION 7.
10. DO NOT BACKFILL TRENCHES UNTIL TESTS AND INSPECTIONS HAVE BEEN MADE AND BACKFILLING AUTHORIZED BY ARCHITECT/ENGINEER. USE CARE IN BACKFILLING TO AVOID DAMAGE OR DISPLACEMENT OF PIPE SYSTEMS.
11. FOR PIPING OR CONDUIT LESS THAN 24" BELOW SURFACE OR ROADWAYS, PROVIDE 4" THICK CONCRETE BASE SLAB SUPPORT. AFTER INSTALLATION AND TESTING OF PIPING OR CONDUIT, PROVIDE MINIMUM OF 4" THICK ENCASEMENT (SIDES AND TOP) OF CONCRETE PRIOR TO BACKFILLING OR PLACEMENTS ROADWAY SUB-BASE.
M. COLD WEATHER PROTECTION: PROTECT EXCAVATION BOTTOMS AGAINST FREEZING WHEN ATMOSPHERIC TEMPERATURE IS LESS THAN 35F (1C).
3.03 COMPACTION:
A. GENERAL: CONTROL SOIL COMPACTION DURING CONSTRUCTION PROVIDING MINIMUM PERCENTAGE OF DENSITY SPECIFIED FOR EACH AREA CLASSIFICATION INDICATED BELOW AND RECOMMENDED BY SOILS ENGINEER AND APPROVED BY ARCHITECT.
B. PERCENTAGE OF MAXIMUM DENSITY REQUIREMENTS: REFER TO SOILS INVESTIGATION REPORT.
1. MOISTURE CONTROL: WHERE SUBGRADE OR LAYER OF SOIL MATERIAL MUST BE MOISTURE CONDITIONED BEFORE COMPACTION, UNIFORMLY APPLY WATER TO SURFACE OF SUBGRADE, OR LAYER OF SOIL MATERIAL, TO PREVENT FREE WATER APPEARING ON SURFACE DURING OR SUBSEQUENT TO COMPACTION OPERATIONS AS RECOMMENDED BY SOILS ENGINEER.
2. REMOVE AND REPLACE OR SCARIFY AND AIR DRY, SOIL MATERIAL THAT IS TOO WET TO PERMIT COMPACTION TO SPECIFIED DENSITY AS RECOMMENDED BY SOILS ENGINEER.
3. SOIL MATERIAL THAT HAS BEEN REMOVED BECAUSE IT IS TOO WET TO PERMIT COMPACTION MAY BE STOCKPILED OR SPREAD AND ALLOWED TO DRY. ASSIST DRYING BY DIGGING, HARROWING OR PULVERIZING UNTIL MOISTURE CONTENT IS REDUCED TO A SATISFACTORY VALUE AS RECOMMENDED BY SOILS ENGINEER.
3.04 BACKFILL AND FILL:
A. GENERAL: PLACE ACCEPTABLE SOIL MATERIAL IN LAYERS TO REQUIRED SUBGRADE ELEVATIONS, FOR EACH AREA CLASSIFICATION LISTED BELOW. IN EXCAVATIONS, USE SATISFACTORY EXCAVATED OR BORROW MATERIAL.
1. UNDER GRASSED AREAS, USE SATISFACTORY EXCAVATED OR BORROW MATERIAL.
2. UNDER WALKS AND PAVEMENTS, USE SUB-BASE MATERIAL, OR SATISFACTORY EXCAVATED OR BORROW MATERIAL, OR COMBINATION OF BOTH. UNDER STEPS, USE SUB-BASE MATERIAL.
3. UNDER BUILDING SLABS, USE DRAINAGE FILL MATERIAL.
4. UNDER PIPING AND CONDUIT, USE SUB-BASE MATERIAL WHERE SUB-BASE IS INDICATED UNDER PIPING OR CONDUIT; SHAPE TO FIT BOTTOM 90 OF CYLINDER.
B. BACKFILL EXCAVATIONS AS PROMPTLY AS WORK PERMITS, BUT NOT UNTIL COMPLETION OF THE FOLLOWING
1. ACCEPTANCE OF CONSTRUCTION BELOW FINISH GRADE INCLUDING, WHERE APPLICABLE, DAMP PROOFING, WATERPROOFING, AND PERIMETER INSULATION.
2. BELOW FINISH GRADE OCCUPIED AREAS SHALL NOT HAVE FILL MATERIAL PLACED AGAINST FOUNDATION WALLS, UNTIL FIRST FLOOR SLAB HAS ATTAINED ITS FULL DESIGN STRENGTH.
3. INSPECTION, TESTING, APPROVAL, AND RECORDING LOCATIONS OF UNDERGROUND UTILITIES.
4. REMOVAL OF CONCRETE FORM WORK.
5. REMOVAL OF SHORING AND BRACING, AND BACKFILLING OF VOIDS WITH SATISFACTORY MATERIALS. CUT OFF TEMPORARY SHEET PILING DRIVEN BELOW BOTTOM OF STRUCTURES AND REMOVE IN MANNER TO PREVENT SETTLEMENT OF THE STRUCTURE OR UTILITIES OR LEAVE IN PLACE IF REQUIRED.
6. REMOVAL OF TRASH AND DEBRIS.
7. PERMANENT OR TEMPORARY HORIZONTAL BRACING IS IN PLACE ON HORIZONTALLY SUPPORTED WALLS.
C. GROUND SURFACE PREPARATION: REMOVE VEGETATION, DEBRIS, UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACEMENT OF FILLS, FLOW, STRIP, OR BREAKUP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SO THAT FILL MATERIAL WILL BOND WITH EXISTING SURFACE.
1. PROOF ROLL AREAS TO BE OCCUPIED BY NEW CONSTRUCTION AND OTHER IMPROVEMENTS TO DETERMINE IF ANY POCKETS OF UNSUITABLE SOIL MATERIALS EXIST. IF POCKETS OF UNSUITABLE SOIL MATERIALS ARE ENCOUNTERED, THEY SHALL BE CORRECTED AS RECOMMENDED BY SOILS ENGINEER.
2. WHEN EXISTING GROUND SURFACE HAS A DENSITY LESS THAN THAT SPECIFIED UNDER "COMPACTION" FOR PARTICULAR AREA CLASSIFICATION, BREAK UP GROUND SURFACE, PULVERIZE, ADJUST MOISTURE CONDITION TO OPTIMUM MOISTURE CONTENT, AND COMPACT TO REQUIRED DEPTH AND PERCENTAGE OF MAXIMUM DENSITY.
D. PLACEMENT AND COMPACTION: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND OPERATED TAMPERS. REVIEW GEOTECHNICAL REPORT FOR RECOMMENDATIONS AND LIMITATIONS ON COMPACTION EQUIPMENT.
1. BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE OPTIMUM MOISTURE CONTENT. COMPACT EACH LAYER TO REQUIRED PERCENTAGE OF MAXIMUM DRY DENSITY OR RELATIVE DRY DENSITY FOR EACH AREA CLASSIFICATION. DO NOT PLACE BACKFILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, OR CONTAIN FROST OR ICE.
2. PLACE BACKFILL AND FILL MATERIALS EVENLY ADJACENT TO STRUCTURES, PIPING OR CONDUIT TO REQUIRED ELEVATIONS. TAKE CARE TO PREVENT ACTION OF BACKFILL AGAINST STRUCTURES OR DISPLACEMENT OF PIPING OR CONDUIT BY CARRYING MATERIAL UNIFORMLY AROUND STRUCTURE, PIPING OR CONDUIT TO APPROXIMATELY SAME ELEVATION IN EACH LIFT.
3.05 GRADING:
A. GENERAL: UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING UNDER THIS SECTION, INCLUDING ADJACENT TRANSITION AREAS. SMOOTH FINISHED SURFACE WITHIN SPECIFIED TOLERANCES, COMPACT WITH UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE INDICATED, OR BETWEEN SUCH POINTS AND EXISTING GRADES.
B. GRADING OUTSIDE BUILDING LINES: GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM STRUCTURES AND TO PREVENT PONDING.
1. FINISH SURFACES FREE FROM IRREGULAR SURFACE CHANGES, AND AS FOLLOWS:
• LAWN OR UNPAVED AREAS: FINISH AREAS TO RECEIVE TOPSOIL TO WITHIN NOT MORE THAN 0.10' ABOVE OR BELOW REQUIRED SUBGRADE ELEVATIONS.
• WALKS: SHAPE SURFACE OF AREAS UNDER WALKS TO LINE, GRADE AND CROSS SECTION, WITH FINISH SURFACE NOT MORE THAN 0.10' ABOVE OR BELOW REQUIRED SUBGRADE ELEVATION.
• PAVEMENTS: SHAPE SURFACE OF AREAS UNDER PAVEMENT TO LINE, GRADE AND CROSS SECTION, WITH FINISH SURFACE NOT MORE THAN 1/2" ABOVE OR BELOW.
3.06 FIELD QUALITY CONTROL:
A. QUALITY CONTROL TESTING DURING CONSTRUCTION: ALLOW TESTING SERVICE TO INSPECT AND APPROVE SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS PERFORMED.
1. PERFORM FIELD DENSITY TESTS IN ACCORDANCE WITH ASTM D 1556 (SAND CONE METHOD) OR ASTM D 2167 (RUBBER BALLOON METHOD), AS APPLICABLE.
• FOOTING SUBGRADE, SLAB SUBGRADE, FOUNDATION WALL BACKFILLS AS DIRECTED BY STRUCTURAL ENGINEER.
B. PAVED AREAS SUBGRADE: MAKE AT LEAST ONE FIELD DENSITY TEST OF SUBGRADE FOR EVERY 3000 SQ. FT. OF PAVED AREA OR BUILDING SLAB, BUT IN NO CASE LESS THAN 3 TESTS. IN EACH COMPACTED FILL LAYER, MAKE ONE FIELD DENSITY TEST FOR EVERY 3000 SQ. FT. OF PAVED AREA, BUT IN NO CASE LESS THAN 3 TESTS.
C. ADDITIONAL TESTING: IF IN OPINION OF SOILS ENGINEER AND APPROVED BY ARCHITECT/ENGINEER, BASED ON TESTING SERVICE REPORTS AND INSPECTION, SUBGRADE OR FILLS WHICH HAVE BEEN PLACED ARE BELOW SPECIFIED DENSITY, PROVIDE ADDITIONAL COMPACTION AND TESTING AT NO ADDITIONAL EXPENSE.
3.07 MAINTENANCE:
A. PROTECTION OF GRADED AREAS: PROTECT NEWLY GRADED AREAS FROM TRAFFIC AND EROSION AS RECOMMENDED BY SOIL ENGINEER. KEEP FREE OF TRASH AND DEBRIS.
1. REPAIR AND REESTABLISH GRADES IN SETTLED, ERODED, AND RUTTED AREAS TO SPECIFIED TOLERANCES.
B. RECONDITIONING COMPACTED AREAS: WHERE COMPACTED AREAS ARE DISTURBED BY SUBSEQUENT CONSTRUCTION OPERATIONS OR ADVERSE WEATHER, SCARIFY SURFACE, RE SHAPE, AND COMPACT TO REQUIRED DENSITY PRIOR TO FURTHER CONSTRUCTION AS RECOMMENDED BY SOILS ENGINEER.
C. SETTLING: WHERE SETTLING IS MEASURABLE OR OBSERVABLE AT EXCAVATED AREAS DURING GENERAL PROJECT WARRANTY PERIOD, REMOVE SURFACE PAVEMENT OR OTHER FINISH, ADD BACKFILL MATERIAL, COMPACT, AND REPLACE SURFACE TREATMENT AS RECOMMENDED BY SOILS ENGINEER. RESTORE APPEARANCE, QUALITY, AND CONDITION OF SURFACE OR FINISH TO MATCH ADJACENT WORK AND ELIMINATE EVIDENCE OF RESTORATION TO GREATEST EXTENT POSSIBLE.

- 3.08 DISPOSAL OF EXCESS AND WASTE MATERIALS:
A. COMPLY WITH ENVIRONMENTAL ENGINEER REQUIREMENTS. CONTACT OWNER FOR INFORMATION AND COORDINATION.
END OF SECTION 2
SECTION 3 - EROSION AND SEDIMENTATION CONTROL
PART 1 - GENERAL
1.01 SECTION INCLUDE:
A. FURNISHING, INSTALLING, AND MAINTAINING TEMPORARY EROSION CONTROLS AND TEMPORARY SEDIMENTATION CONTROLS.
B. TEMPORARY SEEDING.
C. MULCHING.
1.02 RELATED SECTIONS:
A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
B. SECTION 312000 - EARTH MOVING.
1.03 REFERENCES:
A. EPA, "STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES, DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES."
1.04 DEFINITIONS:
A. TEMPORARY EROSION CONTROLS SHALL INCLUDE GRASSING, MULCHING, WATERING, AND RESEEDING ON-SITE SLOPED SURFACES, PROVIDING BERMS AT THE TOP OF THE SLOPES AND PROVIDING INTERCEPTOR DITCHES AT THE ENDS OF BERMS AND AT THOSE LOCATIONS WHICH WILL ENSURE THAT EROSION DURING CONSTRUCTION WILL BE EITHER ELIMINATED OR MINIMIZED.
B. TEMPORARY SEDIMENTATION CONTROLS SHALL INCLUDE SILT DAMS, TRAPS, BARRIERS, AND APPURTENANCES TO CONTROL SOIL EROSION.
1.05 SUBMITTALS:
A. GENERAL: SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF CONTRACT AND GENERAL CONDITIONS SECTIONS:
1. PRODUCT DATA FOR SILT BARRIERS AND NETTING.
2. THE CONTRACTOR HAS THE OPTION TO SUBMIT ADDITIONAL CONTROL MEASURES IN THE FORM OF SHOP DRAWINGS.
3. CERTIFICATES OF PURITY AND CONTENT FOR ALL SEED PRODUCTS, PER LANDSCAPING PLANS.
1.06 UTILITY ASSURANCE:
A. PROVIDE EROSION CONTROL METHODS IN ACCORDANCE WITH METHODS AS INDICATED ON THE EROSION CONTROL PLAN AND/OR REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL COMPLY WITH ALL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) RULES AND REGULATIONS IN TERMS OF BOTH INSTALLATION AND MAINTENANCE DURING CONSTRUCTION.
1.07 DELIVERY, STORAGE, AND HANDLING:
A. DELIVER PRODUCTS TO THE SITE UNDER PROVISIONS OF GENERAL CONDITIONS.
B. STORE AND PROTECT PRODUCTS UNDER PROVISIONS OF GENERAL CONDITIONS.
C. DELIVER GRASS AND OTHER SEED CROP MATERIALS IN SEALED CONTAINERS. DAMAGED PACKAGING CONTAINING PRODUCT IS NOT ACCEPTABLE.
PART 2 - PRODUCTS
2.01 SILT-BARRIER PRODUCTS:
A. FILTER STONE SHALL BE CRUSHED ONE (1)-INCH STONE WITHOUT EXCESSIVE FINES OR DUST.
B. SILT BARRIER SHALL BE MIRAFI 100X OR APPROVED EQUAL WHICH PROVIDES A WATER FLOW CAPACITY OF 40 GALLONS PER MINUTE PER SQUARE FOOT.
C. EROSION CONTROL BLANKETS SHALL BE AS SHOWN ON THE DRAWINGS OR APPROVED EQUAL.
2.02 TEMPORARY SEED MATERIALS:
A. SEED MIXTURES FOR TEMPORARY EROSION PROTECTION APPLICATION ARE SPECIFIED ON THE CONSTRUCTION PLANS.
PART 3 - EXECUTION
3.01 GENERAL:
A. EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS ARE THE MINIMUM REQUIRED BASED UPON THE FINISHED GRADES FOR THE SITE. CONTRACTOR IS RESPONSIBLE TO PROVIDE ADDITIONAL DEVICES FOR EROSION PROTECTION AT THE CONTRACTOR'S EXPENSE TO MINIMIZE EROSION DURING CONSTRUCTION.
B. THE CONTRACTOR SHALL CONSTRUCT THE SEDIMENTATION PONDS AND CONTROL DEVICES PRIOR TO CLEARING AND GRUBBING THE SITE TO ENSURE COMPLETE SILT CONTROL. WHEN THE SILT OR THE DEBRIS LEVEL IS GREATER THAN 1 FOOT ABOVE THE BOTTOM OF POND, THE CONTRACTOR SHALL REMOVE THE SILT OR DEBRIS TO RESTORE THE PROPER STORAGE ELEVATION FROM THE BOTTOM OF THE POND.
C. SILT DAMS, TRAPS, BARRIERS, AND APPURTENANCES SHALL BE INSTALLED AND SHALL BE MAINTAINED IN PLACE FOR DURATION OF CONSTRUCTION. THIS IS DONE BY PERIODICALLY REPLACING SILTED STRUCTURES OR REMOVING THE SILT FROM THE UPGRADED SIDE OF IT.
D. EROSION AND SEDIMENTATION CONTROLS SHALL BE MAINTAINED IN A CONDITION WHICH WILL RETAIN UNFILTERED WATER.
E. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING THAT NO SILT OF DEBRIS LEAVES THE IMMEDIATE CONSTRUCTION SITE. ANY SILT OR DEBRIS THAT DOES LEAVE THE IMMEDIATE SITE SHALL BE CLEANED UP, AND THE AREA DISTURBED SHALL BE RETURNED TO ITS NATURAL STATE AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
F. THE CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN-UP ALL SILT DEBRIS BUILT UP ON THE SITE AND FOR THE REMOVAL OF ALL EROSION CONTROL MEASURES AT THE APPROPRIATE TIMES AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
G. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TEMPORARY CONSTRUCTION ENTRANCES AND REMOVE ALL MUD AND DEBRIS FROM PUBLIC ROADS ON DAILY BASIS, OR MORE OFTEN IF NEEDED.
3.02 TEMPORARY SEEDING:
A. SEED BED PREPARATION:
1. ROUGH GRADE LAWN AREAS TO SMOOTH, EVEN SURFACE WITH LOOSE UNIFORMLY FINE TEXTURE. ROLL, RAKE, AND DRAG LAWNS AREAS. REMOVE RIDGES AND FILL DEPRESSIONS AS REQUIRED TO MEET FINISH GRADES. LIMIT FINE GRADING TO AREAS WHICH CAN BE PLANTED IMMEDIATELY AFTER GRADING.
2. PREPARED SEED BED SHALL BE FRIABLE TOPSOIL, FREE FROM GROUND SLAY LUMPS, BRUSH, WEEDS, AND OTHER LITTER, AND SHALL BE FREE OF ROOTS, STUMPS, AND STONES LARGER THAN 1 INCH IN ANY DIMENSION.
3. IF SEED BED BECOME MUDDY, HARD OR EXCESSIVELY DRY, RETILL TO A SMOOTH, FRIABLE, UNIFORM CONDITION; FREE FROM STONES OR LUMPS. REGRADE ALL SETTLING PRIOR TO SEEDING. SEED IMMEDIATELY AFTER BED PREPARATION.
B. SEEDING AREAS LESS STEEP THAN A 1 VERTICAL TO 3 HORIZONTAL SLOPE:
1. DO NOT USE WET SEED OR SEED THAT IS MOLDY OR OTHERWISE DAMAGED IN TRANSIT OR STORAGE.
2. PLACE SEED WITH A MECHANICAL DRILL SEEDER (BRILLION OR EQUAL). DISTRIBUTE SEED EVENLY OVER ENTIRE AREA BY DRILLING EQUAL QUANTITY IN 2 DIRECTIONS AT RIGHT ANGLES TO EACH OTHER.
3. DO NOT SEED IMMEDIATELY FOLLOWING RAIN OR IF SEED BED IS MUDDY.
4. ROLL SOWN AREA WITH A ROLLER WEIGHING AT LEAST 200 POUNDS PER LINEAL FOOT.
5. IMMEDIATELY AFTER SEEDING AND COMPACTING, APPLY MULCH MATERIAL TO ATTAIN EVEN COVERAGE OVER THE ENTIRE TARGET AREA.
C. SEEDING AREAS STEEPER THAN A 1 VERTICAL TO 3 HORIZONTAL SLOPE:
1. MIX SPECIFIED SEED, AND PULVERIZED MULCH IN WATER, USING EQUIPMENT SPECIFICALLY DESIGNED FOR HYDROSEED APPLICATION. CONTINUE MIXING UNTIL UNIFORMLY BLENDED INTO HOMOGENEOUS SLURRY SUITABLE FOR HYDRAULIC APPLICATION.
2. APPLY SLURRY UNIFORMLY TO ALL AREAS TO BE SEED. RATE OF APPLICATION AS REQUIRED TO OBTAIN SPECIFIED SEED SOWING RATE.
3. ON ALL SLOPE AREAS 1:3 OR STEEPER (OR AS DESIGNATED ON THE DRAWINGS), INCORPORATE WOOD FIBER TACKIFIER INTO HYDROSEED SLURRY. TACKIFIER SHALL BE CONVEYED AND APPLIED AT A RATE OF 1.750 POUNDS PER ACRE.
4. EROSION CONTROL BLANKETS, AS SPECIFIED AND CALLED FOR ON THE DRAWINGS, MAY BE NECESSARY.
END OF SECTION 3

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5649 Lee Road, Ste 1, Indianapolis, IN 46216
Phone: (888) 369-7271 | www.theivadgroup.com

PROJECT
PIKE BRANCH - EGRESS IMPROVEMENTS
PERMIT PLAN SET
6525 ZIONSVILLE ROAD
INDIANAPOLIS IN 46268

Table with 3 columns: NO., DATE, DESCRIPTION. Includes revision history for the drawing.

ISSUE DATE: 02/09/2026
DRAWN BY: NCB, CHECKED BY: JML

DRAWING TITLE

SPECIFICATIONS

CERTIFIED BY



02/09/2026
PROJECT NUMBER: 2025.0308

DRAWING NUMBER

C010

PRINT DATE: 2/2/26
PLOT SCALE: 1" = 12'
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PROJECTS 300-499\2025.0306 - PIKE BRANCH\2 - DESIGN\CA01\000 SPECIFICATIONS.DWG

SECTION 4 - ASPHALT PAVING

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
 - A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to work of this Section.
 - B. Indiana Department of Transportation (INDOT) Standards and Specifications and all subsequent provisions.
- 1.2 SUMMARY
 - A. This Section includes provisions for hot mixed asphalt paving over prepared stone subbase.
 - B. Furnish and install the compacted stone subbase and asphalt pavement. Prepared subbase as specified in Specification Section "Earth Moving".
 - C. Proof rolling of prepared subbase is included in this Section.
- 1.3 SUBMITTALS
 - A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
 - B. Material Certificates signed by material producer and Contractor, certifying that each material item complies with or exceeds specified requirements.
 - C. Laboratory Test Reports: Submit laboratory reports for concrete materials and mix design as specified.
- 1.4 QUALITY ASSURANCE
 - A. The General Contractor will employ and pay for a qualified testing/inspection laboratory to perform testing services for asphalt paving in accordance with testing provisions as specified.
- 1.5 SITE CONDITIONS
 - A. Weather Limitations: Apply tack coat when ambient temperature is above 50°F (10°C) and when temperature has not been below 35°F (1°C) for 12 hours immediately prior to application. Do not apply when base is wet or contains an excess of moisture.
 - B. Construct hot mixed asphalt surface course when atmospheric temperature is above 40°F (4°C) and when base is dry. Base course may be placed when air temperature is above 30°F (minus 1°C) and rising.
 - C. Grade Control: Establish and maintain required lines and elevations.

PART 2 - PRODUCTS

- 2.1 MATERIALS
 - A. General: Use locally available materials and gradations that exhibit a satisfactory record of previous installations.
 - B. Base Course Aggregate: Sound, angular crushed stone (#53 INDOT stone) per INDOT Standards and Specifications
 - C. Surface Course Aggregate: Crushed stone and sharp-edged natural sand.
 - 1. All crushed stone shall meet the quality requirements of INDOT Standards and Specifications.
 - D. Mineral Filler: Limestone dust, rock or slag dust, hydraulic cement, or other inert material complying with AASHTO M-17 (ASTM D-242) (INDOT Standard Specification).
 - E. Asphalt Cement: AASHTO M-226 (ASTM D-3381) for viscosity-graded material and AASHTO M-20 (ASTM D-946) for penetration-graded material. The bitumen material for all asphalt mixes shall be as specified per the INDOT Standard Specifications.
 - F. Tack Coat: Cut-back asphalt or asphalt emulsion conforming to 409 Indiana Department of Transportation Standard Specifications.
- 2.2 ASPHALT AGGREGATE MIXTURE
 - A. Mixtures shall be compliant with INDOT Standards and Specifications Section 401.04
 - B. Bituminous Binder Course Mixture: Per INDOT Standards and Specifications.
 - C. Surface Course Mixture: Per INDOT Standards and Specifications.
 - D. Refer to Section 404.02 of INDOT Specifications for mix formula and composition limits on the above mixtures, unless otherwise noted. Binder and Surface courses may contain reclaimed asphalt pavement (RAP) with maximums not to exceed current INDOT specifications.

PART 3 - EXECUTION

- 3.1 SURFACE PREPARATION
 - A. All areas where proposed asphalt meets existing shall be cleanly sawcut and smoothly transitioned together.
 - B. General: Remove loose material from compacted subbase subgrade.
 - C. Proof roll prepared subbase to check for unstable areas and areas requiring additional compaction. Do not begin paving work until such conditions have been corrected and are ready to receive paving.
 - D. Notify General Contractor and Owner's representative of unsatisfactory conditions. Do not begin paving work until deficient subbase areas have been corrected and are ready to receive the stone subbase. Commencement of the placement of the stone subbase signifies acceptance of subgrade by the Asphalt Contractor. From that point on, correction of unsatisfactory conditions becomes the responsibility of the Asphalt Contractor
 - E. Tack Coat: Per INDOT Standards and Specifications Apply to contact surfaces of previously constructed asphalt or Portland cement concrete and surfaces abutting or projecting into hot mixed asphalt pavement. Distribute at rate of 0.05 to 0.15 gal. per sq. yd. of surface. Apply between binder and surface courses of asphalt pavement.
 - F. Allow to dry until at proper condition to receive paving.
 - G. Exercise care in applying bituminous materials to avoid smearing of adjoining concrete surfaces. Remove and clean damaged surfaces.
- 3.2 PLACING MIX
 - A. General: Place hot mixed asphalt mixture on prepared surface, spread, and strike off. Spread mixture per INDOT Specifications. Place areas inaccessible to equipment by hand. Place each course to required grade, cross-section, and compacted thickness.
 - B. Paver Placing: Place in strips not less than 10 feet wide, unless otherwise acceptable to Engineer. After first strip has been placed and rolled, place surface strips and extend rolling to overlap previous strips. Complete base course for a Section before placing surface course.
 - C. Immediately correct surface irregularities in finish course behind paver. Remove excess material forming high spots with shovel or lute.
 - D. Place mix in the thickness as shown on drawings.
 - E. Tack Coat: Apply tack coat to surface of binder course prior to application of surface course. Apply tack course in conformance with 409 Indiana Department of Transportation Standard Specifications. Clean surface of binder course by power broom and/or other means prior to installation of tack coat.
 - F. Joints: Make joints between old and new pavements, or between successive days' work, to ensure continuous bond between adjoining work. Construct joints to have same texture, density, and smoothness as other Sections of hot mixed asphalt course. Clean contact surfaces and apply tack coat.
- 3.3 ROLLING
 - A. General: Begin rolling when mixture will bear roller weight without excessive displacement.
 - B. Compact mixture with hot hand tampers or vibrating plate compactors in areas inaccessible to rollers.
 - C. Breakdown Rolling: Accomplish breakdown or initial rolling immediately following rolling of joints and outside edge. Check surface after breakdown rolling and repair displaced and filling, if required, with hot material.
 - D. Second Rolling: Follow breakdown rolling as soon as possible, while mixture is hot. Continue second rolling until mixture has been evenly compacted.
 - E. Finish Rolling: Perform finish rolling while mixture is still warm enough for removal of roller marks. Continue rolling until roller marks are eliminated and course has attained 95 percent laboratory density.
 - F. Patching: Remove and replace paving areas mixed with foreign materials and defective areas. Cut out such areas and fill with fresh, hot mixed asphalt. Compact by rolling to specified surface density and smoothness.
 - G. Protection: After final rolling, do not permit vehicular traffic on pavement until it has cooled and hardened.
 - H. Erect barricades to protect paving from traffic until mixture has cooled enough not to become marked.
- 3.4 WARRANTY
 - A. Warranty completed work for two (2) years from date of acceptance.
 - B. The Contractor shall remove and replace pavements stained by diesel fuel and/or oil prior to Final Acceptance of the project.
 - C. Repair or replace any pavement failure other than that due to normal wear and tear or abuse during warranty period.
- 3.5 FIELD QUALITY CONTROL
 - A. General: Testing in-place hot-mixed asphalt courses for compliance with requirements for thickness, surface smoothness, and placing temperatures will be done by the testing laboratory. Repair or remove and replace unacceptable paving as directed the General Contractor.
 - B. Field tests for the asphalt mixes shall be extractions to determine aggregate gradations and bitumen content and density in addition to thickness and placing temperature.
 - 1. Perform at least one test for every 2,000 sq. ft. of paved area, but in no case fewer than one test.
 - C. Thickness: In-place compacted thickness tested in accordance with ASTM D 3549 will not be acceptable if exceeding following allowable variations:
 - 1. Base Course: Plus or minus 1/4 inch.
 - 2. Surface Course: Plus or minus 3/16 inch.

END OF SECTION 4

SECTION 5 - CONCRETE PAVING

PART 1 - GENERAL

- 1.01 SUMMARY
 - A. Related Sections and Documents include the following:
 - 1. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to work of this Section.
 - 2. Indiana Department of Transportation (INDOT) Standards and Specifications and all subsequent provisions.
 - 3. Division 31 Section "Earthwork" for sub-grade preparation, grading and base course.
 - 4. Indiana Department of Transportation Standards and Specifications
 - 5. Division 32 Section "Exterior Improvements" for pavement thickness, surfacing and pavement markings.
 - a. Pavements and gravel surfacing shall be designed on the basis of site-specific geotechnical information and the facility design vehicle(s).
 - b. Pavement markings shall include parking stalls, driving lane, turn arrows, stop bars, and crosswalks. Markings shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways and local standards.
 - B. This Section included the following:

- 1. Concrete sidewalks, patios, and flatwork.
 - 2. Curbs.
 - 3. Ramps.
 - 4. Broom finished concrete.
- 1.02 REFERENCES
 - A. ACI 211.1 - Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete; American Concrete Institute.
 - B. ASTM C33 - Concrete Aggregates.
 - C. ACI 301 - Specifications for Structural Concrete for Buildings; American Concrete Institute.
 - D. ACI 305 - Hot Weather Concreting; ACI 306 - Cold Weather Concreting.
 - E. ASTM C94 - Ready Mixed Concrete.
 - F. ASTM C 309 - Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete.
 - G. ASTM D 1751 - Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Non-extruding and Resilient Bituminous Types).
 - H. ASTM D 1752 - Standard Specification for Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction.
- 1.03 SUBMITTALS
 - A. See Division 1 for submittal procedures
 - B. Design mixes for each concrete pavement mix.
 - 1. Submit material certificates signed by manufacturers certifying that each concrete material complies with requirements.
 - C. Accessory product data.
- 1.04 QUALITY ASSURANCE:
 - A. Site concrete shall comply with Indiana Department of Transportation (INDOT) Standards and Specifications
 - B. Installer Qualifications: An experienced installer who has completed pavement work similar in material, design, finish, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
 - C. Manufacturer Qualifications: Manufacturer of ready-mixed concrete products complying with ASTM C 94 requirements for production facilities and equipment.
 - D. Testing Agency Qualifications: Contractor will engage an independent testing agency qualified according to ASTM C1077 and ASTM E329 to conduct testing as documented by ASTM E548.
 - E. Pre-installation Conference: Conduct conference at Project site.
 - F. Coordination: All work within rights-of-way shall fully comply with City of Indianapolis Department of Public Works standards. It is the Contractor's responsibility to validate the required profile(s) prior to bidding. No additional charges shall be levied to the Owner to upgrade pavements.
 - G. Environmental Requirements: Do not place concrete when base surface temperature is less than 40 degrees F, or surface is wet or frozen

PART 2 - PRODUCTS

- 2.01 GENERAL
 - A. All products shall be per INDOT Standards and Specifications
- 2.02 FORM MATERIALS
 - A. Per INDOT Standards and Specifications
 - B. Form Materials: Plywood, metal, metal-framed plywood, or other approved panel-type materials to provide full-depth, continuous, straight, smooth exposed surfaces.
 - C. Steel Reinforcement Materials:
 - 1. Plain-Steel Welded Wire Fabric: ASTM A 185, flat sheets; applicable at heavy-duty concrete areas.
 - 2. Reinforcement Bars: ASTM A 615/A 615M, Grade 60 (Grade 420), deformed.
 - 3. Joint Dowel Bars: Plain steel bars, ASTM A615/A615M, Grade 60 (Grade 420). Cut bars true to length with ends square and burr-free.
 - 4. Supports: Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening steel reinforcement; manufactured according to CRSI's "Manual of Standard Practice"
- 2.03 CONCRETE MATERIALS:
 - A. Per INDOT Standards and Specifications Section 501.03
 - B. Water: Potable.
 - C. Fiber Admixtures: Areas identified to receive fiber-reinforced concrete shall use virgin nylon fibers, 1/8 inch length by Nycon Inc., FiberMesh, Inc. or Forta Corporation, added at the batch plant at 1-1/2 lb./per cu. yd. of concrete.
- 2.04 CONCRETE MIXES
 - 1. Prepare design mixes per INDOT Standards and Specifications Section 501.04
- 2.05 ACCESSORIES
 - A. All accessories shall be per Indiana Department of Transportation (INDOT) Standards and Specifications
 - B. Admixtures certified by manufacturer to contain not more than 0.1 percent water-soluble chloride ions by mass of cement and to be compatible with other admixtures, as follows:
 - 1. Air-Entraining Admixture: ASTM C 260.
 - 2. Water-Reducing Admixture: ASTM C 494, Type A.
 - 3. High-Range, Water-Reducing Admixture: ASTM C 494, Type F.
 - 4. Water-Reducing and Accelerating Admixture: ASTM C 494, Type E.
 - 5. Water-Reducing and Retarding Admixture: ASTM C 494, Type D.
 - C. Curing Materials:

- 2.06 Project-Site Mixing: Comply with requirements and measure, batch, and mix concrete materials and concrete according to ASTM C 94. Mix concrete materials in appropriate drum-type batch machine mixer.
- 2.07 Curing Aids and Materials from subparagraphs below, retaining optional materials if applicable.
 - 1. Absorptive Cover: AASHTO M 182, Class 2, burlap cloth made from jute or kenaf, weighing approximately 9 oz./sq. yd. (305 g/sq. m) dry.
 - 2. Moisture-Retaining Cover: ASTM C 171, polyethylene film or white burlap-polyethylene sheet.
 - 3. Water: Potable.
 - 4. Evaporation Retarder: Waterborne, monomolecular film forming, manufactured for application to fresh concrete.
 - 5. Clear Solvent-Borne Liquid-Membrane-Forming Curing Compound: ASTM C 309, Type 1, Class B.
 - 6. Clear Waterborne Membrane-Forming Curing Compound: ASTM C 309, Type 1, Class B.
 - 7. White Waterborne Membrane-Forming Curing Compound: ASTM C 309, Type 2, Class B.
 - 8. Acceptable Products: L&M Cure by L&M Construction Chemicals
- 2.08 Joint Filler:
 - 1. Preformed; non-extruding bituminous type (ASTM D 1751) or sponge rubber or cork (ASTM D 1752).
 - 2. Thickness: 1/2 inch.
 - 3. Backer rod: ASTM D 5249, Type 2, of a thickness and width required to control sealant depths, prevent bottom-side adhesion of sealant, and fill remainder of joint opening under sealant.
- 2.09 Related Materials:
 - 1. Expansion- and Isolation-Joint-Filler Strips: ASTM D 1751, asphalt-saturated cellulosic fiber, or ASTM D 1752, cork or self-expanding cork.

PART 3 - EXECUTION

- 3.01 GENERAL
 - A. Execution shall be per INDOT Standards and Specifications
 - 3.02 EXAMINATION
 - A. Surface Preparation: Proof-roll prepared subbase, and remove loose material from surface.
 - B. Forms: Set, brace, and secure edge forms, bulkheads, and intermediate screed guides for pavement to required lines, grades, and elevations.
 - C. Reinforcement: Accurately position and support reinforcement, and secure against displacement. Set wire ties with ends directed into concrete.
 - 1. Install welded wire fabric in lengths as long as practicable; lap at least one full mesh, and lace splices with wire.
 - 3.03 JOINTS
 - A. Align curb, gutter, and sidewalk joints.
 - B. Place joint filler to separate paving from vertical surfaces and other components. Recess top of filler 1/8 inch for sealant placement.
 - C. Provide joint backer materials that are non-staining, are compatible with joint substrates, sealants, primers and other joint fillers, and are approved for applications indicated by sealant manufacturer based upon field experience and laboratory testing.
 - 1. Primers: Product recommended by joint sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint-sealant-substrate tests and field tests
 - D. Joint Tooling:
 - 1. Chamfer Saw cut contraction joints as soon as possible after slab finishing yet without dislodging aggregate.
 - a. Cut 1/3 into depth of slab.
 - b. Saw cut joints shall be used in conditions called out in plans and details, generally for straight-run patterns.
 - c. All sawn joints to fully extend to building and vertical faces.
 - 2. Hand-tool contraction joints as indicated in Details. Tooled joints shall be used in conditions called out in plans and details, generally for curved joint patterns.
 - E. Space joints as indicated on plans. In cases where joint patterns are not represented in plan, use the following guidelines:
 - 1. Maximum Spacing for Pavement Type

Joint Type	Drives, Parking	Sidewalks
Control	20'	As shown in Plans
Expansion	-	40' or per plans
Longitudinal	12' or Construction	--
 - F. Joints: Locate and install construction, isolation, contraction, and expansion joints as indicated.
- 3.04 CONCRETE PLACEMENT
 - A. Comply with recommendations in ACI 304R for measuring, mixing, transporting, and placing concrete. Place concrete in a continuous operation within planned joints or sections.
 - 1. Moistened subbase to provide a uniform dampened condition at time concrete is placed.

END OF SECTION 5



5649 Lee Road, Ste 1, Indianapolis, IN 46216
Phone: (888) 369-7271 | www.thevendgroup.com

PROJECT
PIKE BRANCH - EGRESS IMPROVEMENTS
PERMIT PLAN SET
6525 ZIONSVILLE ROAD
INDIANAPOLIS IN 46268

REVISIONS		
NO.	DATE	DESCRIPTION

ISSUE DATE: 02/09/2026
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CHECKED BY: JML
DRAWING TITLE

SPECIFICATIONS

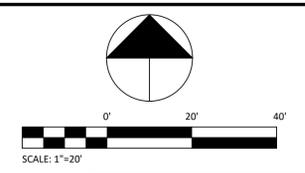
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02/09/2026
PROJECT NUMBER
2025.0308

DRAWING NUMBER

C011



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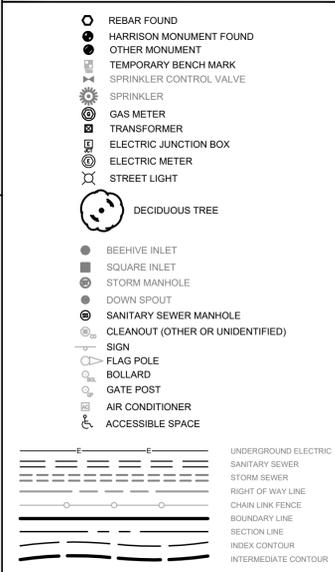
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BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY JQOL. PROJECT NUMBER 2025.073, DATED 4/8/2025.

GENERAL NOTES

1. ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
2. CONTRACTOR SHALL KEEP ADJOINING PROPERTIES CLEAN OF CONSTRUCTION DEBRIS AND CONSTRUCTION TRAFFIC AT ALL TIMES.
3. THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE BASE SURVEY CONTROL POINTS DURING DEMOLITION AND CONSTRUCTION.
4. ALL UTILITY INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT ENGINEER IMMEDIATELY IF ANY VARIATION EXISTS.
5. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

EXISTING LEGEND



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PROJECT
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BENCHMARK DATA

VERTICAL CONTROL INFORMATION

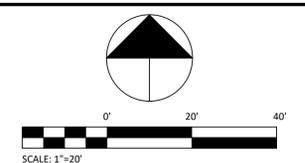
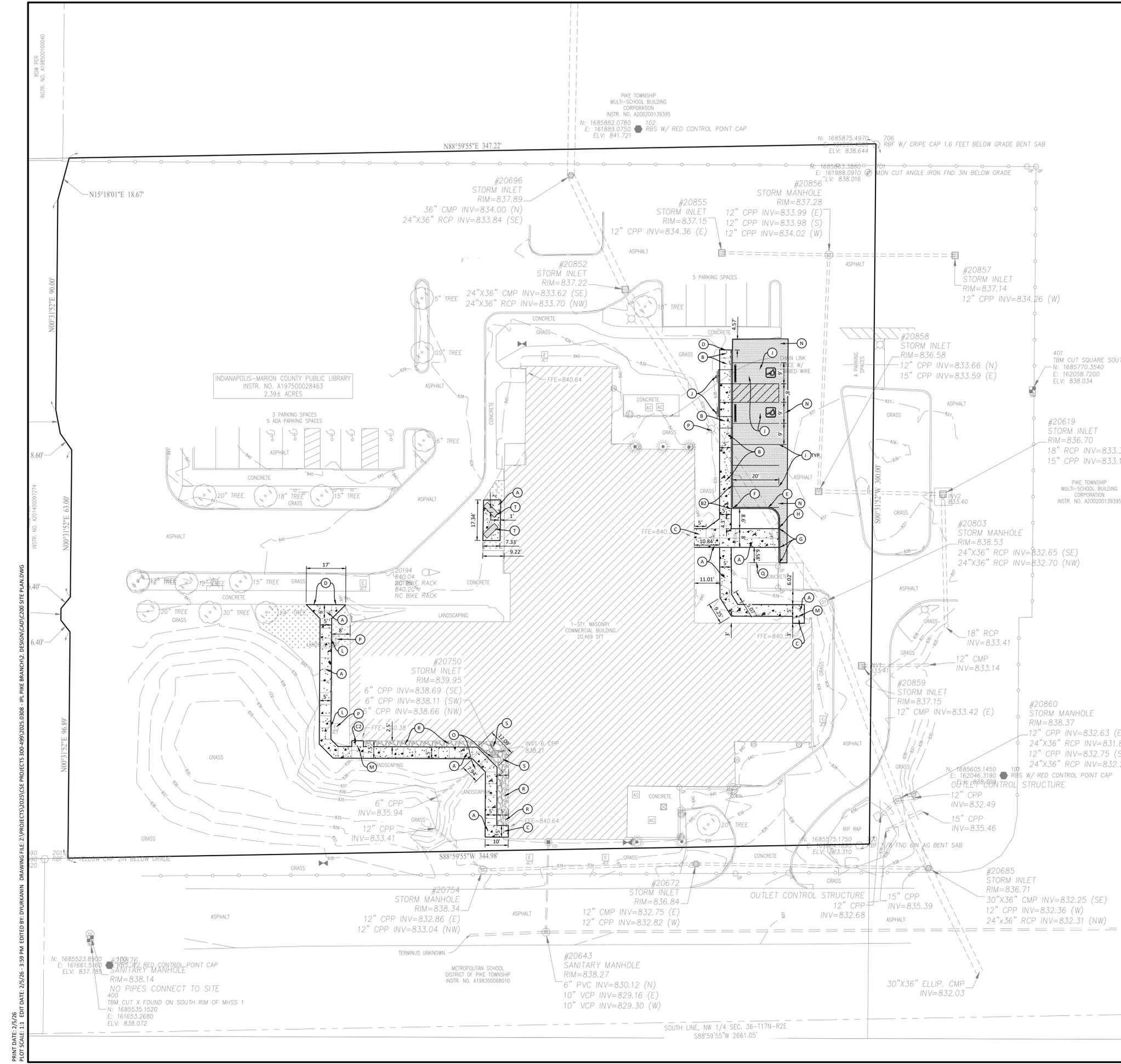
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 CUT 'X' - SOUTH RIM OF SANITARY MH #65' EAST OF THE CENTER LINE OF ZIONSVILLE RD., #182' SOUTHWEST OF THE SOUTHWEST BUILDING CORNER OF THE PIKE BRANCH OF THE INDIANAPOLIS PUBLIC LIBRARY.
 ELEV: 838.07 (NAVD 88)

TBM #2
 CUT SQUARE - SOUTH SIDE OF CONCRETE LIGHT POLE BASE #468' EAST OF THE CENTER LINE OF ZIONSVILLE RD., #179' EAST OF THE NORTHEAST BUILDING CORNER OF THE PIKE BRANCH OF THE INDIANAPOLIS PUBLIC LIBRARY.
 ELEV: 838.03 (NAVD 88)



PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

PRINT DATE: 2/26/26
 PLOT SCALE: 1\"/>



BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY JQOL. PROJECT NUMBER 2025.073, DATED 4/8/2025.

GENERAL NOTES

- ANY DISCREPANCY IN THE PLANS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR REVIEW.
- ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS AS APPROPRIATE.
- ALL DIMENSIONS ARE TO EDGE OF PAVEMENT (EOP) OR FACE OF CURB, UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE TO FACE OF BRICK OR FACING MATERIAL, WHERE APPLICABLE.
- ALL DIMENSIONS ARE PARALLEL WITH OR PERPENDICULAR TO BASE LINES, PROPERTY LINES OR BUILDING LINES UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO START CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- CONTRACTOR RESPONSIBLE FOR VERIFICATION OF ALL UTILITIES AND ELEVATIONS PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCY IS DISCOVERED. ANY DAMAGE TO EXISTING FACILITIES WILL BE CORRECT AND PAID BY THE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM NEW AREAS TO EXISTING FEATURES AS NECESSARY.
- ALL EXCAVATED AREAS SHALL BE SEEDED AFTER FINISH GRADING. DURING CONSTRUCTION, IF LEFT UNDISTURBED FOR MORE THAN 7 DAYS PROVIDE TEMPORARY SEEDING UNLESS OTHERWISE NOTED. ALL NEW SEEDING AREAS SHALL HAVE A MINIMUM OF 4" OF TOP SOIL.
- ALL UTILITY TRENCHES UNDER AND WITHIN 5 FEET OF PAVEMENT SHALL BE COMPLETELY BACKFILLED WITH GRANULAR MATERIAL.
- ALL SIDEWALKS SHALL COMPLY WITH ADA STANDARDS. PROVIDE A MAXIMUM CROSS SLOPE OF X FT. & MAXIMUM LINEAR SLOPE OF 1:20.
- THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION. IF A CORNER MONUMENT IS MOVED OR DAMAGED, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OR SURVEYOR OF RECORD.
- CONCRETE JOINTS TO BE PROVIDED IN ACCORDANCE WITH ACI GUIDELINES.
- HORIZONTAL LAYOUT PLAN FOR CONSTRUCTION STAKING TO BE PROVIDED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- CONTRACTOR TO COORDINATE SCHEDULE OF CONSTRUCTION ACTIVITIES OF CONCURRENT PROJECT WITH OWNER.

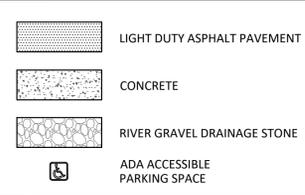
GENERAL UTILITY NOTES

- IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO THE PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. EACH SUBCONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
- ALL MATERIALS AND CONSTRUCTION FOR SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
- ALL MATERIALS AND CONSTRUCTION FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
- ALL MATERIALS AND CONSTRUCTION FOR WATER MAINS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY STANDARDS AND SPECIFICATIONS.
- ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVED AREAS TO BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ANY WATER MAINS TO HAVE 54" MINIMUM COVER OVER TOP OF PIPE.
- WATER SERVICE LINE TO THE BUILDING SHALL HAVE A SHUT-OFF VALVE IN AN ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING. (APPLIES TO COMMERCIAL ONLY)
- STERILIZATION OF WATER MAIN SHALL BE IN ACCORDANCE WITH STATE BOARD OF HEALTH.
- ALL UTILITY CROSSING AND CLEARANCES TO BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE INDIANA STATE BOARD OF HEALTH.
- IF EXISTING FIELD TILES ARE ENCOUNTERED DURING CONSTRUCTION THEY ARE TO BE TIED INTO THE PROPOSED STORM SEWER SYSTEM.
- ALL SEWER PIPES UNDER OR WITHIN 5' OF PAVEMENT SHALL BE BACKFILLED WITH GRANULAR BACKFILL FOR BACKFILL PURPOSES, PAVED SHOULDERS, CURBS, CUTTER, AND SIDE WALKS ARE CONSIDER PAVEMENT. FOR PIPES WITHIN INDIANA STATE RIGHTS-OF-WAY, BACKFILL SHALL BE PROVIDED PER INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS. LOCAL JURISDICTION REQUIREMENTS MAY DICTATE MORE STRINGENT REQUIREMENTS AT TIME OF CONSTRUCTION AND INSPECTION.
- CONTRACTOR TO PROVIDE SURVEYED AS-BUILT/RECORD DRAWINGS OF ALL STORM SEWERS AND SANITARY SEWER MAINS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION.

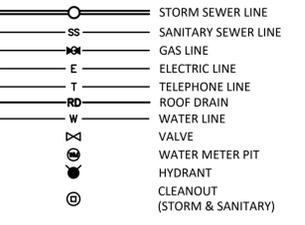
KEYNOTES

- A. CONCRETE SIDEWALK
- B. INTEGRAL WALK AND CURB, HEIGHT 6"
- B2. COMBINED WALK AND CURB, HEIGHT VARIES 6" TO 12". SEE GRADING PLAN (C301)
- C. CONCRETE STOOP
- C2. EXISTING CONCRETE STOOP
- D. DOWEL NEW WALK TO EXISTING WALK
- E. 6" CONCRETE CURB
- F. 12" CONCRETE CURB
- G. FLUSH CURB
- H. CONCRETE CURB TAPER
- I. PARKING STRIPING
- J. ACCESSIBLE PARKING SPACE AND SIGNAGE
- K. ACCESSIBLE RAMPS
- L. PLACE WALK OUTSIDE OF LIGHTS. NOTIFY ENGINEER IF LIGHTS IN CONFLICT WITH WALK
- M. DOWEL WALK TO CONCRETE STOOP
- N. LIGHT DUTY ASPHALT PAVEMENT. IF LIGHT DUTY SECTION IS THICKER THAN EXISTING PAVEMENT SECTION, NOTIFY ENGINEER PRIOR TO PACING ASPHALT.
- O. EXISTING PIPE TO REMAIN. PROVIDE GRANULAR FILL OVER PIPE UNDER AND WITHIN 5' OF WALK.
- P. LIGHT FIXTURE TO REMAIN
- Q. BY OWNER. DOOR HARDWARE TO BE REMOVED AND DOOR NO LONGER USED.
- R. RIVER GRAVEL DRAINAGE AREA. REPLENISH STONE WITH SALVAGED STONE OR NEW STONE TO MATCH EXISTING STONE. CONTRACTOR TO ENSURE POSITIVE DRAINAGE.
- S. EXISTING ROOF DRAIN PIPING. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
- T. SURFACE MOUNTED BENCH

SITE LEGEND



UTILITY LEGEND



EXISTING LEGEND

SEE C100 EXISTING TOPOGRAPHY



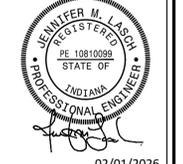
PROJECT
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REVISIONS		
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SITE AND UTILITY PLAN

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02/01/2026
PROJECT NUMBER
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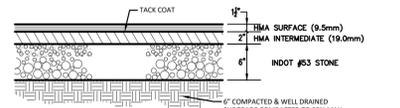
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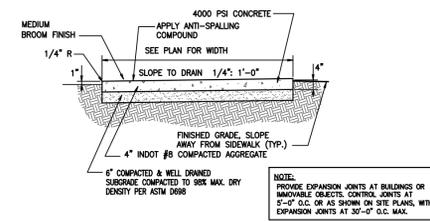


PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

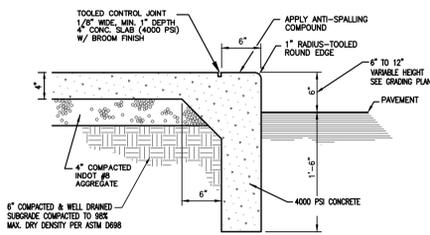
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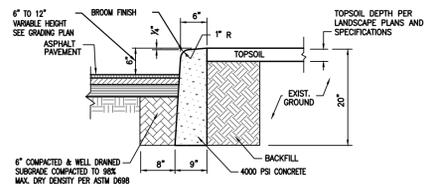
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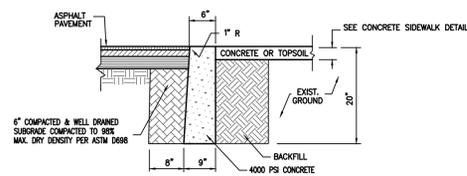
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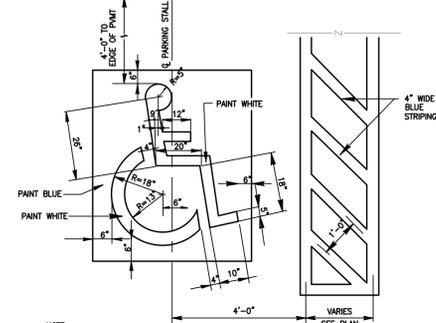
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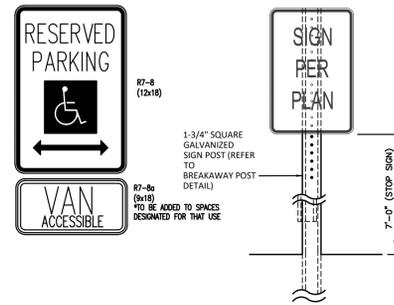
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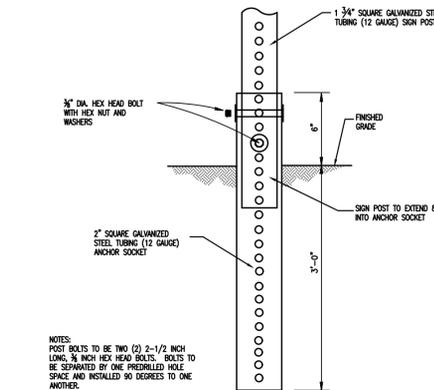
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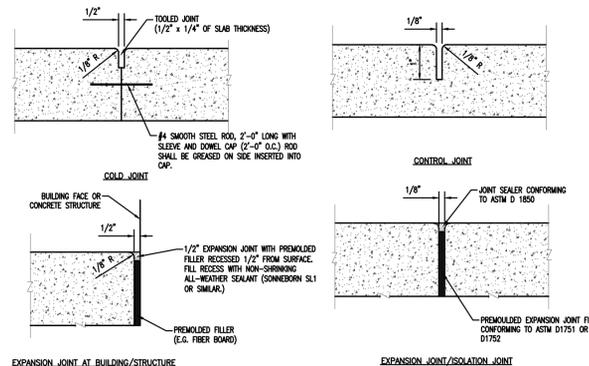
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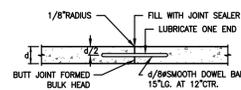
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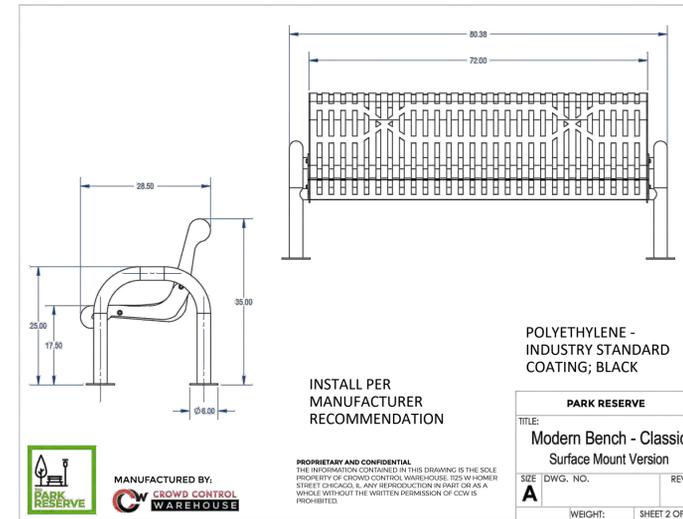
BREAKAWAY POST



TYPICAL CONCRETE JOINT DETAILS



TRANSVERSE CONSTRUCTION JOINT DETAIL



SURFACE MOUNTED BENCH DETAIL

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REVISIONS		
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SITE DETAILS

CERTIFIED BY



02/09/2026

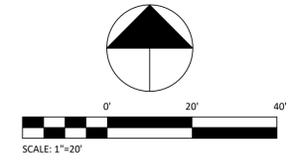
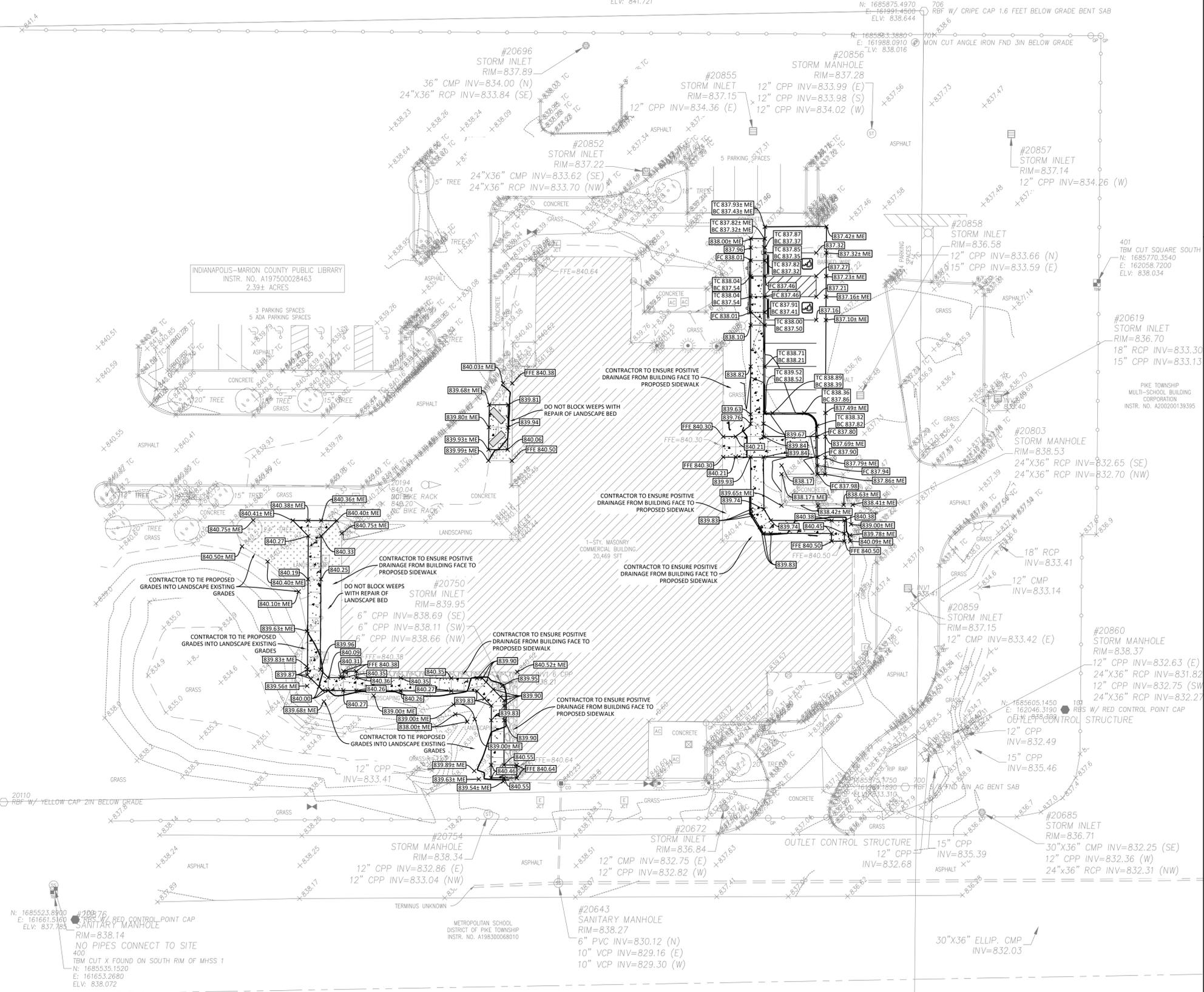
PROJECT NUMBER
2025.0308

DRAWING NUMBER

C250

INSTR. NO. A19850010040

PIKE TOWNSHIP
MULTI-SCHOOL BUILDING
CORPORATION
INSTR. NO. A200200139395
N: 1685882.0780 102
E: 161689.0750 RGS W/ RED CONTROL POINT CAP
ELV: 841.721



GRADING LEGEND

- ME MATCH EXISTING
- HP HIGH POINT
- LP LOW POINT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- TR TOP OF RIM/CASTING
- FL FLOWLINE
- CONTOURS
- FLOW LINE
- CURB ELEVATIONS
- SPOT ELEVATIONS
- FLUSH CURB
- MATCH EXISTING ELEVATION.
- CONTRACTOR TO VERIFY ELEVATION SHOWN MATCHES EXISTING TIE-IN ELEVATION. NOTIFY ENGINEER IF VARIES BY 1" OR MORE. MATCH EXISTING GRADES SHALL BE FLUSH WITH ADJACENT GRADES
- FLOW ARROW

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY JQOL. PROJECT NUMBER 2025.073, DATED 4/8/2025.

GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO STATE AND LOCAL REGULATIONS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
3. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED AND INSPECTED BY THE RESPONSIBLE PARTY.
4. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START. TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES WHEN EXCAVATING IS AROUND OR OVER EXISTING UTILITIES. THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
6. TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH SELECT GRANULAR MATERIAL IF UNDER OR WITHIN 5 FEET OF PAVEMENT.
7. AFTER STRIPPING TOPSOIL MATERIAL, THE CONTRACTOR SHALL PROOF ROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUB-DRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
8. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR SHALL TEST FOR, AND CORRECT ANY DEFICIENT CONDITIONS.
9. ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
10. SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
11. ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO STANDARD INDOT SPECIFICATIONS.
12. INVERTS AT PIPE OUTLETS ARE GIVEN AT END OF PIPE END SECTION.
13. CONTRACTOR SHALL VERIFY ELEVATION OF ALL EXISTING STORM SEWERS BEFORE INSTALLATION OF THE PROPOSED STORM SEWER. IF A CONDITION IS DISCOVERED THAT PREVENTS INSTALLATIONS PER THE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
14. CONTRACTOR SHALL PERFORM GRADING AND COMPACTION AND LIME STABILIZATION OF PAVEMENT SUBGRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
15. STRUCTURES RECEIVING SUBSURFACE DRAINS SHALL HAVE BOTH PORTS CORE DRILLED. 3" OR 1/2" BLIND CONNECTIONS ARE NOT ALLOWED.
16. ALL EXISTING UTILITY CASTINGS, LIDS, AND ACCESS SHALL BE SET TO FINAL GRADE UNLESS OTHERWISE DIRECTED.
17. ANY OFFSITE BORROW AND/OR WASTE SITES THAT ARE NEEDED SHALL BE PERMITTED AS PART OF THIS PERMIT OR BE PART OF AN EXISTING PERMIT.

EXISTING LEGEND

SEE C100 EXISTING TOPOGRAPHY



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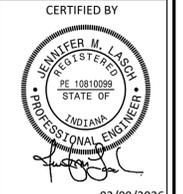
PROJECT
PIKE BRANCH - EGRESS IMPROVEMENTS
PERMIT PLAN SET
6525 ZIONSVILLE ROAD
INDIANAPOLIS IN 46268

REVISIONS		
NO.	DATE	DESCRIPTION

ISSUE DATE: 02/09/2026
DRAWN BY: NCB
CHECKED BY: JML

DRAWING TITLE

GRADING PLAN



CERTIFIED BY
02/09/2026
PROJECT NUMBER
2025.0308

DRAWING NUMBER
C301



PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

BENCHMARK DATA

VERTICAL CONTROL INFORMATION

TBM #1
CUT 'X' - SOUTH RIM OF SANITARY MH #65 EAST OF THE CENTER LINE OF ZIONSVILLE RD., #182' SOUTHWEST OF THE SOUTHWEST BUILDING CORNER OF THE PIKE BRANCH OF THE INDIANAPOLIS PUBLIC LIBRARY.
ELEV: 838.07 (NAVD 88)

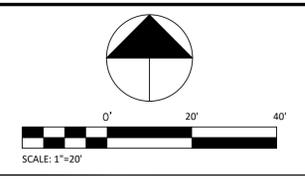
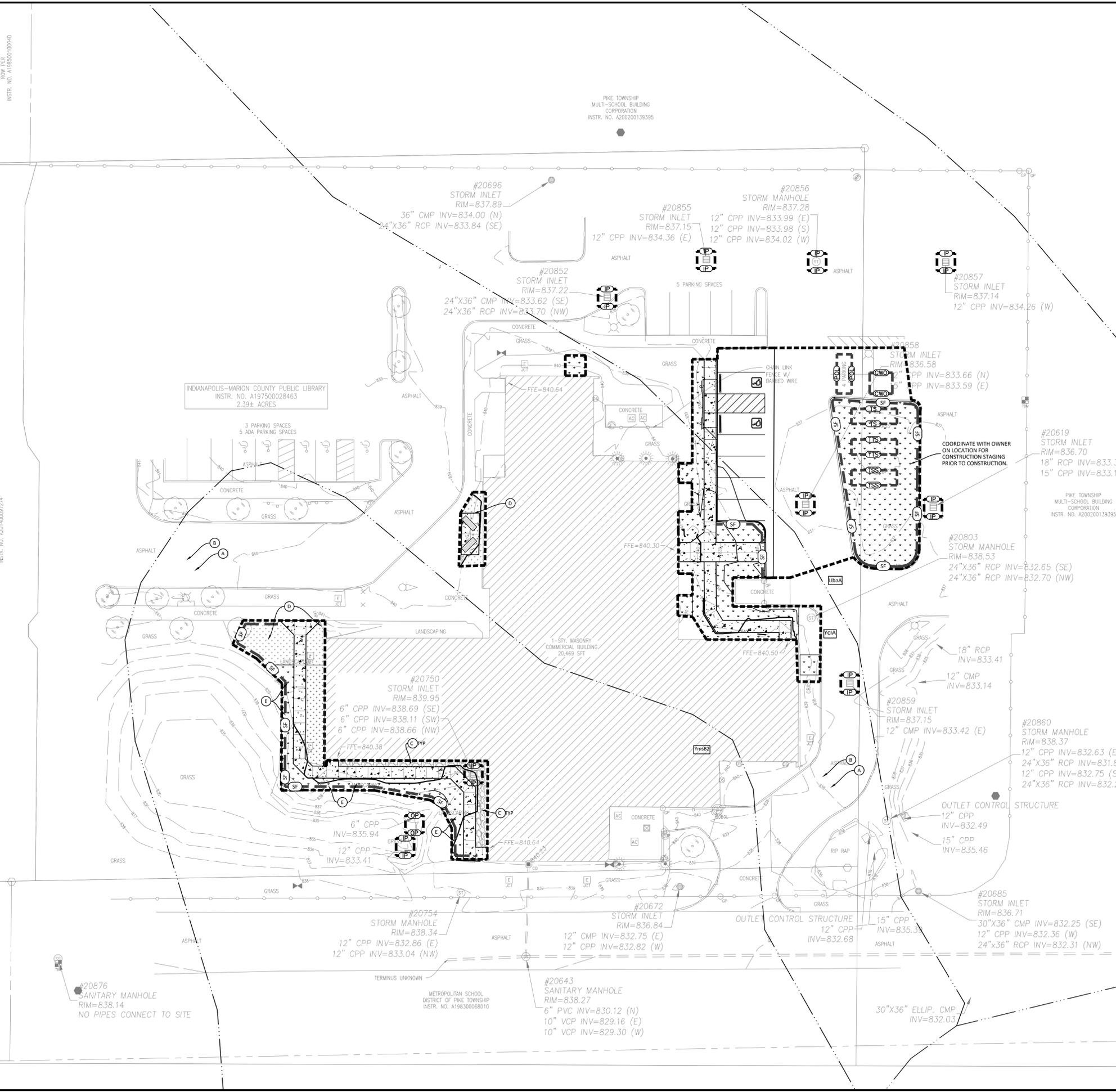
TBM #2
CUT SQUARE - SOUTH SIDE OF CONCRETE LIGHT POLE BASE #468' EAST OF THE CENTER LINE OF ZIONSVILLE RD., #179' EAST OF THE NORTHEAST BUILDING CORNER OF THE PIKE BRANCH OF THE INDIANAPOLIS PUBLIC LIBRARY.
ELEV: 838.03 (NAVD 88)

PRINT DATE: 2/7/26
PLOT SCALE: 1" = 20'
DRAWING FILE: Z:\PROJECTS\2025\EGRESS IMPROVEMENTS\PIKE BRANCH\2. DESIGN\CAD\C301.GRD
DRAWING TITLE: GRADING PLAN
DRAWN BY: DVURKANN
EDIT DATE: 2/5/26 3:56 PM
EDITED BY: DVURKANN

INSTR. NO. A19850010040

INSTR. NO. A20140009274

PRINT DATE: 2/26/26 2:28 PM EDITED BY: DPURKMAN DRAWING FILE: Z:\PROJECTS\2025\CE PROJECTS\20-495\2025-0308 - PI PIKE BRANCH\CD DESIGN\CD\501 EROSION CONTROL PLAN.DWG PLOT SCALE: 1:1



EROSION CONTROL LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE
- CONSTRUCTION LIMITS
- CONSTRUCTION FENCE
- INLET PROTECTION
- OUTLET PROTECTION (10' LENGTH)
- CONCRETE WASHOUT AREA
- PORT-O-LET LOCATION
- TEMPORARY MATERIAL STORAGE AREA
- TEMPORARY TRASH STORAGE AREA
- TEMPORARY SOIL STORAGE AREA
- EROSION CONTROL GROUND COVER AS APPROVED BY THE ENGINEER
- RIVER GRAVEL DRAINAGE STONE SEE ALSO SITE PLAN
- AREA TO BE MULCHED POST CONSTRUCTION
- AREA SUBJECT TO TEMPORARY SEEDING DURING CONSTRUCTION AND PERMANENT SEEDING AND/OR VEGETATION AFTER CONSTRUCTION. REFER TO LANDSCAPE ARCHITECT FOR SEEDING REQUIREMENTS.
- HYDROLOGIC SOIL GROUP BOUNDARY
- UbaA Urban land-Brookston complex, 0 to 2 percent slopes
- YcA Crosby silt loam, fine-loamy subsoil-Urban land complex, 0 to 2 percent slopes
- YmsB2 Miami silt loam-Urban land complex, 2 to 6 percent slopes, eroded

KEYNOTES

- A. USE EXISTING PARKING AREA AND DRIVES FOR CONSTRUCTION ACCESS. PROVIDE FDS IF SEDIMENT LEAVING SITE.
- B. CONTRACTOR TO PROVIDE SWEEP CLEANING TO KEEP DRIVE AND PUBLIC RIGHT OF WAY CLEAR OF SEDIMENT MIGRATIONS DUE TO CONSTRUCTION ACTIVITIES.
- C. RIVER DRAINAGE STONE TO MATCH EXISTING.
- D. AREA TO BE MULCHED TO MATCH EXISTING.
- E. TRIM REMAINING VEGETATION ALONG NEW WALK IN COORDINATION WITH OWNERS.

BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY JQOL. PROJECT NUMBER 2025.073, DATED 4/8/2025.

GENERAL NOTES

1. LAND ALTERATIONS WHICH STRIPS THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.
2. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
3. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
4. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
5. SEDIMENT LADEN WATER SHALL BE DETAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN THE RECEIVING STREAM. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE.
6. WASTES AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORM WATER RUNOFF. PROPER DISPOSAL OF ALL WASTES AND UNUSED BUILDING MATERIALS IS REQUIRED.
7. SEDIMENT BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS SHALL BE MINIMIZED. CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.
8. SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND RE-DISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT, AND AT LEAST ONCE A WEEK.
9. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
10. ALL EXISTING STRUCTURES, FENCING TREES AND ETC. WITHIN CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF SITE. BURNING IS NOT ALLOWED ON SITE.
11. THE SITE IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA.
12. SCHEDULE OF EARTHWORK ACTIVITIES:
 - A. THE DURATION OF THE TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM. THE AREA SHALL BE STABILIZED AS SOON AS POSSIBLE. TEMPORARY VEGETATION OR MULCHING SHALL BE USED TO PROTECT EXPOSED AREAS WHEN ACTIVITY CEASES FOR MORE THAN 14 DAYS OR AS DIRECTED BY THE ENGINEER.
 - B. TOPSOIL REPLACEMENT SHALL TAKE PLACE FROM MARCH 1 TO OCTOBER 31. STOCKPILE TOPSOIL AT ALL OTHER TIMES OF THE YEAR. PERMANENT AND FINAL VEGETATION AND STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING OR AS SOON AS POSSIBLE.
 - C. STOCKPILES SHALL BE LOCATED AS SHOWN. STOCKPILES SHALL HAVE SILT FENCE AROUND THE PERIMETER AND BE SEDED IF IT IS UNDISTURBED FOR MORE THAN 14 CONSECUTIVE DAYS.
13. ANY OFFSITE BORROW AND/OR WASTE SITES THAT ARE NEEDED SHALL BE PERMITTED AS PART OF THIS PERMIT OR BE A PART OF AN EXISTING PERMIT.
14. STORMWATER DISCHARGE WILL NOT ENTER THE GROUNDWATER FOR THIS PROJECT.
15. CONTRACTOR SHALL PROVIDE THE OWNER WITH A NARRATIVE DESCRIBING THE CONSTRUCTION SEQUENCE, INCLUDING START DATES FOR EACH LAND DISTURBING ACTIVITY.
16. ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH CHAPTER 600 OF THE CITY OF INDIANAPOLIS DESIGN AND SPECIFICATIONS MANUAL, LATEST EDITION. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS SET FORTH IN THE MANUAL.
17. PER CITY OF INDIANAPOLIS, STREET SWEEP AT END OF DAY

PUBLIC AND PRIVATE ROADWAYS SHALL KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. PROJECTS SUBJECT TO IDEM'S CSGP SHALL REMOVE SEDIMENT FROM PUBLIC RIGHTS-OF-WAY NOT EXCLUSIVE OF CONSTRUCTION TRAFFIC AT THE END OF EACH DAY PER THE CSGP REQUIREMENTS

PERSON THAT WILL BE RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE POST-CONSTRUCTION STORMWATER MEASURES

Indianapolis Public Library - Pike Branch
6525 Zionsville Road
Indianapolis, IN 46268
317-275-4480

EXISTING LEGEND

SEE SHEET C100 - EXISTING TOPOGRAPHY

BENCHMARK DATA

VERTICAL CONTROL INFORMATION

TBM #1
CUT "X" - SOUTH RIM OF SANITARY MH 465' EAST OF THE CENTER LINE OF ZIONSVILLE RD., #182' SOUTHWEST OF THE SOUTHWEST BUILDING CORNER OF THE PIKE BRANCH OF THE INDIANAPOLIS PUBLIC LIBRARY.
ELEV: 838.07 (NAVD 88)

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PROJECT
PIKE BRANCH - EGRESS IMPROVEMENTS
PERMIT PLAN SET
6525 ZIONSVILLE ROAD
INDIANAPOLIS IN 46268

REVISIONS		
NO.	DATE	DESCRIPTION

ISSUE DATE: 02/09/2026
DRAWN BY: NCB
CHECKED BY: JML
DRAWING TITLE: EROSION CONTROL PLAN

EROSION CONTROL PLAN



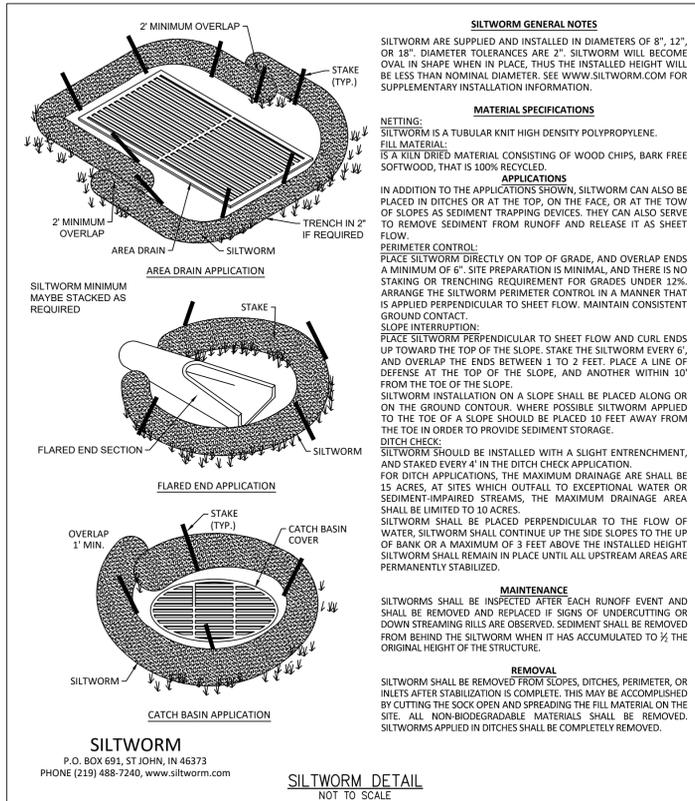
CERTIFIED BY
02/01/2026

PROJECT NUMBER
2025.0308

DRAWING NUMBER
C501

EROSION CONTROL NOTES:

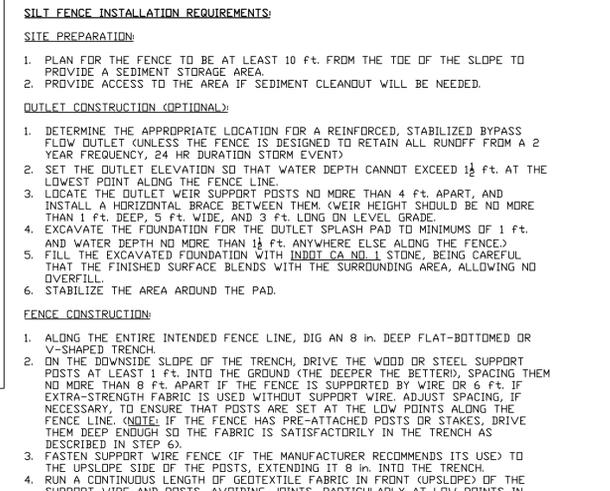
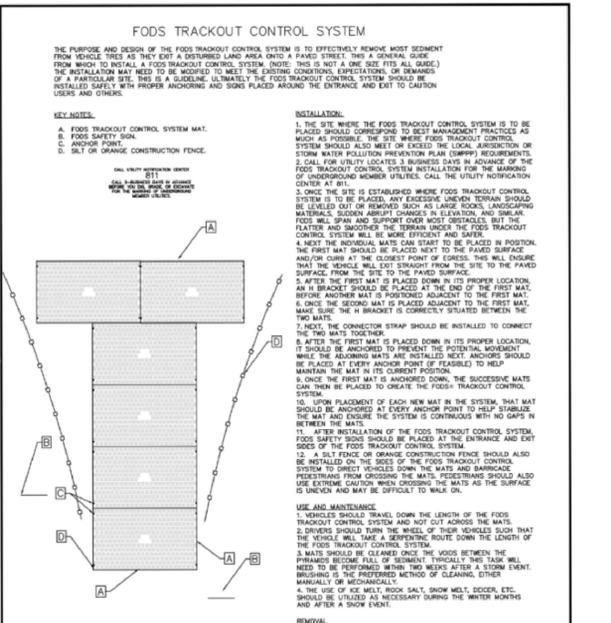
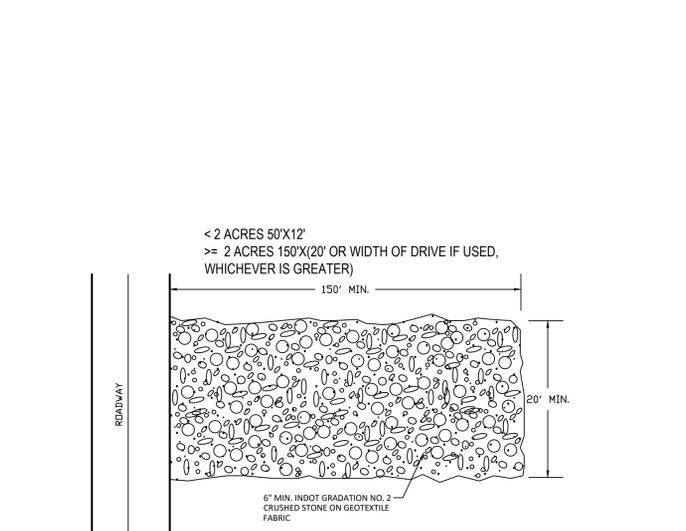
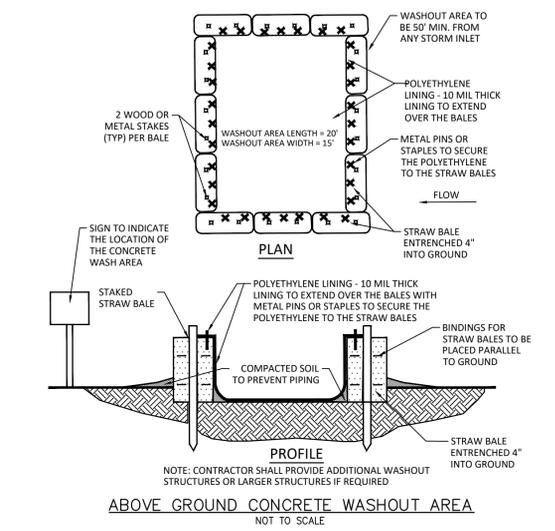
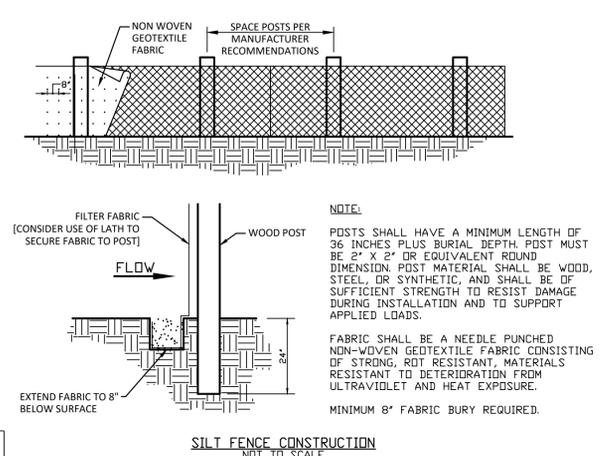
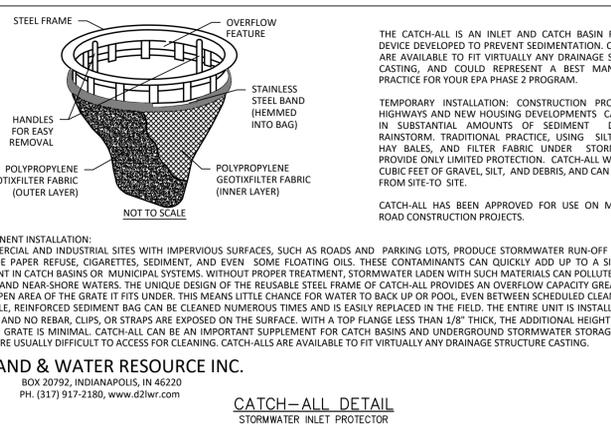
- CONSTRUCTION ACTIVITY SHALL CONSIST OF UTILITIES, GRADING, AND STORM SEWER SYSTEM.
- PRELIMINARY CONSTRUCTION SCHEDULE: CONSTRUCTION SHALL BEGIN IN THE SUMMER OF 2025. COMPLETION OF THE PROJECT IS ANTICIPATED IN FALL OF 2025. THIS SCHEDULE IS SUBJECT TO CHANGE.
- LAND ALTERATION WHICH STRIPS THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.
- CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- THIS PLAN SHALL NOT BE CONSIDERED AS INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY ON SITE INSPECTION.
- SEDIMENT LADEN WATER SHALL BE OBTAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN THE RECEIVING STREAM. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE.
- WASTES AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORM WATER RUNOFF. PROPER DISPOSAL OF ALL WASTES AND UNUSED BUILDING MATERIALS IS REQUIRED.
- SEDIMENT BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS SHALL BE MINIMIZED. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.
- SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND RE-DISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT, AND AT LEAST ONCE A WEEK.
- IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE SURROUNDED BY ROCK DUNOITS.
- EXISTING VEGETATION SHALL BE PRESERVED IN AREAS NOT DISTURBED BY CONSTRUCTION ACTIVITY.
- THERE ARE NO BORROW AREAS OTHER THAN THOSE DESIGNATED.
- ALL APPLICABLE EROSION CONTROL MEASURES SHALL BE PLACED BEFORE ANY LAND DISTURBING ACTIVITIES.
- SCHEDULE OF EROSION CONTROL ACTIVITIES:
 - INSTALL INLET PROTECTION AROUND INLETS IMMEDIATELY UPON COMPLETION OF THE STRUCTURE. REMOVE INLET PROTECTION FOR PAVING OPERATION. REPLACE INLET PROTECTION AFTER PAVING IS COMPLETE. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED ON SEEDED AREAS BEHIND THE CURB.
 - THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM. THE AREA SHALL BE STABILIZED AS SOON AS POSSIBLE. TEMPORARY VEGETATION OR MULCHING SHALL BE USED TO PROTECT EXPOSED AREAS IF PERMANENT VEGETATION CANNOT BE SEEDED WITHIN 14 DAYS OR ACTIVITY CEASES FOR MORE THAN 21 DAYS OR AS DIRECTED BY THE ENGINEER.
 - TOPSOIL REPLACEMENT SHALL TAKE PLACE FROM MARCH 1 TO OCTOBER 31. STOCKPILE TOPSOIL AT ALL OTHER TIMES OF THE YEAR. PERMANENT AND FINAL VEGETATION AND STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING OR AS SOON AS POSSIBLE.
- APPLY FERTILIZER AT A RATE ADEQUATE TO PROVIDE 1 LB. OF ACTUAL NITROGEN PER 1,000 SQUARE FEET. USE COMMERCIAL-GRADE COMPLETE FERTILIZER OF NEUTRAL CHARACTER CONSISTING OF FAST AND SLOW RELEASE NITROGEN, 50 PERCENT DERIVED FROM NATURAL ORGANIC SOURCES OF UREA-FORM, PHOSPHOROUS, AND IN FOLLOWING COMPOSITION:
 - FERTILIZER FOR LAWNS: PROVIDE A FAST RELEASE FERTILIZER WITH A COMPOSITION OF 1 LB PER 1,000 SQ. FT. OF ACTUAL NITROGEN, 4 PERCENT PHOSPHOROUS, AND 2 PERCENT POTASSIUM BY WEIGHT.
 - SLOW RELEASE FERTILIZER FOR TREES AND SHRUBS: GRANULAR FERTILIZER CONSISTING OF 50 PERCENT WATER-INSOLUBLE NITROGEN, PHOSPHOROUS AND POTASSIUM MADE UP OF A COMPOSITION BY WEIGHT OF 5 PERCENT.
- ADD LIME TO TOPSOIL TO OBTAIN A PH RANGE OF 6.0 TO 7.0. LIME SHALL BE ASTM C 602, CLASS T, AGRICULTURAL LIMESTONE CONTAINING A MINIMUM OF 90 PERCENT CALCIUM CARBONATE EQUIVALENT, WITH A MINIMUM 99 PERCENT PASSING A NO. 8 (2.36 mm) SIEVE AND A MINIMUM 75 PERCENT PASSING A NO. 50 (250 MICROMETER) SIEVE.
- CONSTRUCTION TRAFFIC SHALL ENTER THE SITE AT THE GRAVEL CONSTRUCTION ENTRANCE AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN.
- CONTRACTOR TO SEED ALL DISTURBED AREAS. FINISH GRADE TO BE SEED AND STRAW.
- CONTRACTOR SHALL MONITOR TRUCK WASHING AND SEDIMENT TRACKING ONTO STREETS. STREET CLEANING WILL BE REQUIRED BY OWNER IF ROADWAYS HAVE SOIL FROM THE SITE TRACKED ONTO THEM.
- THERE SHALL BE NO DIRT, DEBRIS OR STORAGE OF MATERIALS IN THE STREET.
- PORTABLE TOILETS MUST BE ANCHORED



SEASONAL SOIL PROTECTION CHART

STABILIZATION PRACTICE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING		A	A	A	A	A	A	A	A	A	A	A
DORMANT SEEDING	B	B	B	B	B	B	B	B	B	B	B	B
TEMPORARY SEEDING	C	C	C	C	C	C	C	C	C	C	C	C

A = KENTUCKY BLUEGRASS 100 LBS./ACRE; CREEPING RED FESCUE 100 LBS./ACRE; HYDROSEEDED
 B = KENTUCKY BLUEGRASS 120 LBS./ACRE; CREEPING RED FESCUE 120 LBS./ACRE; HYDROSEEDED
 C = SPRING OATS 3 BUSHELS/ACRE
 D = WHEAT OR RYE 2 BUSHELS/ACRE
 E = ANNUAL RYE GRASS 40 LBS./ACRE (< 1 LB/1000 SQ. FT.)
 1/ = IRRIGATION NEEDED DURING JUNE, JULY, AUGUST AND/OR SEPTEMBER



PRINT DATE: 2/9/26
 PLOT SCALE: 1:1
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 DRAWING FILE: Z:\PROJECTS\2025\2025\EROSION CONTROL DETAILS.DWG
 DATE: 02/09/2026 4:49 PM
 EDITOR: JASCH



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