

ADDENDUM No. 2

RFP No. 26-08

BARTON DAM – SECURITY IMPROVEMENTS

Bids Due: Thursday, March 19, 2026 at 2:00 P.M. (Local Time)

The following changes, additions, and/or deletions shall be made to RFP No. 26-08 (Barton Dam Security Improvements), for which proposals will be received on/or before March 19, 2026 at 2:00 P.M. (local time). The bid opening will be at Larcom City Hall (301 E Huron Street, Ann Arbor, MI 48104).

The information contained herein shall take precedence over the original documents and all previous addenda (if any) and is appended thereto. **This Addendum consists of 20 pages.**

Bidder is to acknowledge receipt of this Addendum No. 2, including all attachments (if any) in its Bid by so indicating on RFP Attachment B – General Declarations. Bids submitted without acknowledgment of receipt of this addendum will be considered nonconforming.

The following forms provided within the RFP document must be included in submitted bids:

- **Attachment B - General Declarations**
- **Attachment D - Prevailing Wage Declaration of Compliance**
- **Attachment E - Living Wage Declaration of Compliance**
- **Attachment G - Vendor Conflict of Interest Disclosure Form**
- **Attachment H - Non-Discrimination Declaration of Compliance**

Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid document as outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Request For Proposal

SECTION III, PART E – Schedule of Pricing/Cost

See Appendix A for full schedule table.

Add a windowpane line item priced per windowpane.

Add an allowance of \$5,000 to cover required permit expenses.

Detailed Specifications

SECTION 1.00 GENERAL REQUIREMENTS

*Revise sub-section 3.3 Bid Items table as follows (paragraphs that are new or with revised text are in **bold text**):*

| | | | |
|----|---|--------------------------------|---|
| 7 | Windowpane Replacement | By the unit each (EA). | All materials, equipment, and labor required for replacing broken windowpanes and for any associated painting. |
| 8 | Other Security Improvements | By the unit lump sum (LS). | Removable bollards, engineered fill, boulders, relocation of the entrance gravel drive, signs, replacement of broken windowpanes and any associated painting , and any electronic security features not included in other bid items. |
| 9 | Restoration, Demobilization, and Project Closeout | By the unit lump sum (LS). | Complete site restoration, removal of equipment and debris from the site, provision of as-builts and operations and maintenance manuals, and completion of all reporting and administrative requirements. |
| 10 | PLC Laptop Allowance | By the unit Allowance (ALWNC). | A cash allowance shall cover the purchase of a laptop computer, software, and required programming or training services. |
| 11 | Additional Requirements Allowance | By the unit Allowance (ALWNC). | A cash allowance shall cover additional security items (e.g., per FERC). |
| 12 | Permit Allowance | By the unit Allowance (ALWNC). | A cash allowance shall cover the cost of required permits. |

SECTION 1.21 - ALLOWANCES

Add sub-section 3.04 as follows:

3.04 CASH ALLOWANCE FOR PERMITS

- A. A cash Allowance of \$5,000 shall be included in the contract price to cover the cost of required permits.

SECTION 1.37 - LEAD PAINT REMEDIATION

Add Section 1.37. See Appendix B.

SECTION 2.04 - EARTHWORK

Add Section 3.06 as follows:

3.06 DRILLER QUALIFICATIONS

- A. The driller placing any bore holes, including for fence posts and light poles, on or near the embankments must be pre-qualified by FERC. The driller shall have several years of documented experience drilling on or near dams. The CONTRACTOR will be required to submit driller qualifications for FERC approval.

SECTION 2.14 – SITE IMPROVEMENTS

*Revise Sub-Section 1.02 as follows (paragraphs that are new or with revised text are in **bold** text):*

1.02 RELATED WORK

- A. Concrete work is described in Section – 2.13 Pavements, Walks and Foundations.
- B. Earthwork is described in Section – 2.04 Earthwork.**

Drawings

Replace Sheets C-102, C-103, E-102 and E-301 with the attached sheets (see Appendix C).

II. QUESTIONS AND ANSWERS

Responses to the following questions are being provided to bidders for their information. RFP respondents are directed to take note of the following questions and responses as they affect work or details in other areas not specifically referenced here.

Question 1: What kind of braided flexible conduit may be used?

Answer 1: Please provide braided flexible conduit manufactured by Delikon, Conduit Specification No. YF-705, or engineer-approved equivalent.

Question 2: Is it acceptable to core above the existing junction box in the powerhouse, come out of exterior wall a few feet above the walkway, and transition across the steps to the railway?

Answer 2: The electrical plans indicate the general arrangement and design intent of the wiring system. The Contractor shall verify all field conditions and perform necessary field measurements to ensure proper installation in accordance with the contract documents. If field conditions require deviations from the layout or dimensions shown on the plans, the Engineer shall be notified for his review of the changes before proceeding with the work.

Question 3: The distance across the bridge is approximately 260'. There will need to be an electrical pullbox every 100 feet per NEC code. Is it acceptable to use Unistrut to build a supporting structure for these pull boxes on the railway?

Answer 3: Yes, it is acceptable to use a Unistrut framing system to construct a support structure for the required pull boxes along the spillway. The pull box to be installed shall be RGS (Rigid Galvanized Steel). The support system shall be securely anchored and designed to withstand anticipated environmental loads. No penetrations are permitted in the concrete; the spillway frame shall be used for support. Submit proposed mounting details and attachment methods for Engineer review prior to installation

Question 4: Is camera maintenance required?

Answer 4: The intent is to maintain the CCTV camera lens clean and operational during the construction period to allow continued surveillance around the facility.

Question 5: What is the estimated cost of permits to be obtained by the prime contractor or allowance for permit costs?

Answer 5: A \$5,000 allowance has been added for permits as a part of this Addendum. Permit-related charges will be paid out of this Allowance on a case-by-case basis.

Question 6: Please provide more information on tree removals

Answer 6: Please see drawing revisions on pages C-102 and C-103 clarifying removal of trees included as part of this Addendum. See also Sections 1.08 and 1.09 in General Site Provisions and Note #8 on page G-002 of the drawings for additional requirements.

Question 7: Have the windows been tested for lead and asbestos?

Answer 7: Windows were tested for asbestos and the result was negative for items tested. Please see attached results. The contractor shall assume that the window frames and surrounding brick have lead paint. A lead abatement specification has been included in this Addendum.

Question 8: If the windows have lead or asbestos, who is responsible for the abatement?

Answer 8: Contractor is responsible for abatement. Cost shall be included in the bid price for that item.

Question 9: Is a floating security element associated with this project?

Answer 9: The answer is NO, there are no floating security improvements.

Question 10: Are partial bids for just the Access Control and CCTV portions of the project allowed?

Answer 10: Partial or incomplete bid packages will be rejected. The project requires a comprehensive, full-scope submission that meets all specified requirements. Submitting only portions of the scope—such as Access Control and CCTV—will

not be considered and will result in rejection.

Question 11: Will the contractor need to supply any recording/camera licenses for the new cameras?

Answer 11: Site camera license will be handled by the owner.

Question 12: Will the contractor need to install any additional access control panels?

Answer 12: No. The existing panels are sufficient.

Question 13: Are there any existing cameras that will not be replaced?

Answer 13: No, all existing cameras will be replaced. Contractor must coordinate to maintain functionality and visibility of camera noted in drawings during construction.

Question 14: The RFP states "security locks" for the fenced gates. Will these be electrified locks?

Answer 14: No. The City will provide pad locks for the new gates. The CONTRACTOR shall provide a standard lock hasp for each gate.

Question 15: Is there a document that provides the total quantities of each different model camera, keypad, and lock that will be needed for the project?

Answer 15: Please refer to Specifications section 16.91 (Supplemental Security Devices) and sheet E-501 from the issued bid set.

Question 16: Please confirm that the City currently has all of the Avigilon-branded hardware and software, including any access control licenses / recording licenses, and that it is acceptable to submit a bid for the peripheral hardware (Axis cameras, HID readers, locks etc.), installation, cabling, and configuration only, for connection to existing Avigilon head-end equipment.

Answer 16: Confirmed.

III. ATTACHMENTS

Appendices attached to this Addendum include:

- A. RFP Revised Schedule of Pricing/Cost
- B. Specification Section 1.37 – Lead Paint Remediation
- C. Drawing Revisions
 - a. Sheet C-102
 - b. Sheet C-103
 - c. Sheet E-102
 - d. Sheet E-301
- D. Environmental Testing at Barton Powerhouse
- E. Pre Bid Meeting Sign-in Sheet

2026 Barton Dam Security Improvements

RFP # 26-08

E. Schedule of Pricing/Cost – 20 Points

Company: _____

| Base Bid | | | | | |
|-------------------------|--|------------|------------------|-------------------|--------------------|
| Item No. | Item Description | Qty | Unit | Unit Price | Total Price |
| 1 | General Conditions and Mobilization (Max. 10%) | 1 | LS | \$ | \$ |
| 2 | Demolition and Site Preparation | 1 | LS | \$ | \$ |
| 3 | Interior Security | 1 | LS | \$ | \$ |
| 4 | Lighting and Cameras - Exterior | 1 | LS | \$ | \$ |
| 5 | Lighting - Interior | 1 | LS | \$ | \$ |
| 6 | Fencing (for Alternative 1 fencing) | 1 | LS | \$ | \$ |
| 7 | Windowpane Replacement | 20 | Each | \$ | \$ |
| 8 | Other Security Improvements | 1 | LS | \$ | \$ |
| 9 | Restoration, Demobilization, and Project Closeout | 1 | LS | \$ | \$ |
| 10 | PLC Laptop Allowance | 1 | Allowance | \$20,000 | \$20,000 |
| 11 | Additional Requirements Allowance | 1 | Allowance | \$40,000 | \$40,000 |
| 12 | Permit Allowance | 1 | Allowance | \$5,000 | \$5,000 |
| TOTAL (BASE BID) | | | | | |
| Bid Alternate | | | | | |
| 13 | Tubular Picket Fencing (Show complete price for Alternate 2 fencing. The City will choose Alternate 1 (item #6 above) or Alternate 2 (item #13). | 1 | LS | \$ | \$ |

Notes:

1. All bidders shall provide a Unit Price and Total Price for all alternate bid items specified.
2. Quantities included in the bid table represent estimated quantities for different work. The CONTRACTOR shall be compensated for the actual number of items completed using the unit priced provided.
3. The City, at its sole discretion, may elect to delete any portion of the work delineated above, with no change to the unit prices provided. Work shall be determined based upon the availability of funds.
4. Any item not provided in the following list shall be considered incidental.
5. Contract shall be awarded based on the base bid or any combination of the base bid and alternate bid areas in any manner the City believes to be in its best interest.
6. In each item, it is prefaced by the following statement, "Each item will be payment in full for all labor, materials, equipment and related work for a fully functional, complete and tested item according to the plans and specifications.

1.00 GENERAL**1.01 SUMMARY**

- A. This Section specifies requirements for working with lead-containing materials during any of the following operations:
 - 1. Demolition of Lead-Containing Materials (LCM): Includes razing a building or any portion of a building or piece of equipment with LCM.
 - 2. Incidental Removal or Disturbance of Lead-Based Paint (LBP): This includes activities such as sanding and scraping for paint preparation activities.
- B. Extent of known LCM is as follows:
 - 1. All painted surfaces.

1.02 DEFINITIONS

- A. The term "Lead-Based Paint" (LBP) is identified as paint or other surface coating such as varnish, sealer or stain containing lead in any detectable amount.
- B. The term "Incidental Removal or Disturbance of Lead-Based Paint" indicates one or more of the following operations:
 - 1. Scraping, hand sanding, or otherwise removing loose LBP from existing surfaces scheduled to remain in place.
- C. The term "Demolition of LCM" refers to cutting, drilling, abrading, demolishing, or otherwise disturbing building elements coated with LBP or containing lead.
- D. The term "Lead-Containing Materials" (LCM) is identified as construction debris coated with lead-based paint or other materials containing lead, such as x-ray shielding.
- E. The term "Critical Barrier" indicates the perimeter of the enclosure within which lead disruption/removal work takes place. Critical Barriers may include existing floor, wall, and ceiling structures, as well as constructed partitions, closures and seals.
- F. The term "Project Site" indicates the limits of the Project Site as indicated on drawings or by provisions of this specification.
- G. The term "Work Area" indicates the area within the Critical Barrier.
- H. The term "Action Level" means exposure to an airborne concentration of lead of 30 micrograms per cubic meter of air calculated as an 8-hour time-weighted average (TWA).
- I. The term "Exposure Assessment" means a determination of employee exposures for a given task measured by air monitoring. The Assessment must meet the criteria for objective data as outlined in the MIOSHA/OSHA Lead in Construction Standard (MIOSHA Part 603, R325.51992 and 29 CFR 1926.62).

- J. The term “OSHA PEL” stands for the Permissible Exposure Limit established by the Occupational Safety and Health Administration for lead exposure. The OSHA PEL refers to an airborne concentration of lead of 50 micrograms per cubic meter of air calculated as an 8-hour time-weighted average (TWA).
- K. The abbreviation “TCLP” stands for Toxicity Characteristic Leaching Procedure and refers to one of the tests to determine if waste is considered a Hazardous Waste or non-hazardous solid waste.
- L. The term “Hazardous Waste” refers to a listed waste or any solid or liquid waste with one or more of the following characteristics: toxic, corrosive, flammable, explosive, combustible, oxidizer, pyrophoric, unstable (reactive) or water - reactive.
- M. The term “Non-Hazardous Waste” refers to any solid or liquid waste not exhibiting characteristics of Hazardous Waste.

1.03 SUBMITTALS

- A. Exposure Assessment Documentation: Submit to all information used to document previous employee exposure assessments, if available. If not available, conduct an initial exposure assessment at the start of the project.
- B. Written Compliance Plan: Submit a Written Compliance Plan incorporating all requirements in the MIOSHA Lead in Construction Standard. Also indicate type of containment and method of liquid waste capture to be established if water is utilized for removal.

1.04 QUALITY ASSURANCE

- A. Personnel involved in the disturbance of LCM shall be trained in accordance with the requirements of the MIOSHA Lead in Construction Standard, including:
 - 1. The content of the MIOSHA Lead in Construction Standard and its appendices;
 - 2. The specific nature of the operations which could result in exposure to lead above the action level;
 - 3. The purpose, proper selection, fitting, use, and limitations of respirators;
 - 4. The purpose and a description of the medical surveillance program, and the medical removal protection program including information concerning the adverse health effects associated with excessive exposure to lead (with particular attention to the adverse reproductive effects on both males and females and hazards to the fetus and additional precautions for employees who are pregnant);
 - 5. The engineering controls and work practices associated with the employee’s job assignment including training of employees to follow relevant good work practices;
 - 6. The contents of any compliance plan in effect;
 - 7. Instructions to employees that chelating agents should not routinely be used to remove lead from their bodies and should not be used at all except under the direction of a licensed physician; and

8. The employee's right of access to records under 29 CFR 1910.20.

PART 2 - PRODUCTS (NOT APPLICABLE)

PART 3 - EXECUTION

1.01 HEALTH AND SAFETY REQUIREMENTS

- A. General: Determine employee exposure to lead in air as required in MIOSHA Lead in Construction Standard.
- B. Exposure Assessment: If the Contractor has made a previous Exposure Assessment that is representative of the task to be performed on-site, the Contractor may rely on this data and determine the need for personal protective equipment and work practice controls based upon this data, if approved by the City of Ann Arbor project manager.
- C. Job requirements: When the Contractor does not have an Exposure Assessment or the Assessment is determined to be insufficient, the Contractor must conduct personal air monitoring in accordance with the MIOSHA Lead in Construction Standard and follow the requirements below which are outlined by job task until monitoring determines otherwise:
 1. Manual demolition, scraping, sanding, heat gun application, power tool cleaning with HEPA dust collection system, spray painting with LCM:
 - a. Use of 1/2 mask respirator with HEPA filters.
 - b. PPE.
 - c. Medical surveillance.
 - d. Use of changing room.
 - e. Use of handwashing facilities.
 - f. Provision of lead awareness training.
 2. Using lead mortar, lead burning, rivet busting, power tool cleaning without HEPA collection, cleaning up with dry expendable abrasives, removing or relocating enclosure:
 - a. Loose fitting PAPR with HEPA or supplied air respirator.
 - b. PPE.
 - c. Medical surveillance.
 - d. Use of changing room.
 - e. Use of handwashing facilities.

- f. Provision of lead awareness training.
- 3. Abrasive blasting, welding, using cutting torch, burning
 - a. Supplied air respirator or SCBA.
 - b. PPE
 - c. Medical surveillance.
 - d. Use of changing room.
 - e. Use of handwashing facilities.
 - f. Provision of lead awareness training.

1.02 PREPARATION

- A. General: Prepare Work Areas in a manner that will protect Owner's personnel and property, and the visiting public, from contact with LCM. Prior to beginning work, confirm starting date and time with Owner. Do not begin work that will disturb LCM without Owner's approval.
- B. Preparing Building Exteriors: Ensure adequate measures are in place to limit airborne lead content below the Action Level of 30 ug/m³ (micrograms per cubic meter) adjacent to the Work Area.
 - 1. Erect barricades and install warning tape or signs as necessary to prevent inadvertent exposure of passersby to LCM in all forms, including, but not necessarily limited to dust, particles, and fumes.
 - 2. Completely cover grounds and vegetation with minimum 8-mil thick polyethylene sheets with joints between sheets lapped and taped; with one edge taped to adjacent building surfaces below area of work; and with free ends secured in position with stakes, tie-down lines or weights. Cover sufficient ground area to capture wind-blown chips, dust and particles.
- C. Preparing Building Interiors: Ensure adequate measures are in place to protect building occupants from exposure to airborne lead dust, particles, fumes or other LCM exceeding the Action Level of 30 ug/m³ (micrograms per cubic meter) lead content in air. Adequate measures shall include, but are not necessarily limited to, construction of Critical Barriers and/or establishment of negative pressure within Work Area.
 - 1. Seal off openings and penetrations into the Work Area. Provide temporary dust barriers consisting of at least polyethylene plastic sheet on wood studs. Lap and tape joints of plastic sheeting to prevent dust, particles, fumes, and other forms of lead debris from leaving the enclosed area.
 - 2. Discontinue building ventilation within the Work Area and seal off ventilation supply and return or exhaust diffusers, grilles or openings.
 - 3. Post warning signs at all entrances to the Work Area that state the following, as required in MIOSHA Lead in Construction Standard:

WARNING
LEAD WORK AREA
POISON
NO SMOKING OR EATING

1.03 WORK PRACTICES

- A. General: Perform any removal, demolition or disturbance of LCM in compliance with the following requirements:
 - 1. Restrict access to Work Area to essential personnel.
 - 2. Use moist-removal methods and/or HEPA vacuuming where applicable. Do not over-saturate the Work Area.
 - 3. Any debris generated must be cleaned up immediately before it can be tracked into other areas.
 - 4. Remove contaminated clothing and personal protective equipment before leaving the Work Area, or Work Area enclosure, as applicable.
 - 5. If the Action Level is exceeded outside the Work Area, discontinue work and modify Critical Barrier, or perform other modifications of methods or materials as required to reduce the lead contamination below the Action Level.
 - 6. Prohibit eating, drinking, and smoking in the Work Area.
- B. Incidental Removal of LBP: Remove paint from building surfaces by hand scraping and sanding; or through the use of fluid-applied chemical strippers designed to dry into a solid polymeric sheet and peel off with paint encapsulated. Hand-scraping and sanding must be used in conjunction with moist-removal methods using misted water. Leave moist paint dust and chips in place to air dry before collection.
 - 1. Wet methods (including power-washing) that use amounts of water that can drip, spill, or leak onto the ground, or onto or into other adjacent surfaces are prohibited unless approved by the City of Ann Arbor project manager.
 - 2. Dry removal methods (including sand blasting, power sanding, and other methods relying on high velocity mechanical abrasion) that create airborne fine particulate waste materials are prohibited unless specifically reviewed and approved by City of Ann Arbor project manager.
 - 3. Prior to torch-cutting building elements containing LBP, remove paint within four inches of centerline of cut in accordance with requirements of this Section.

1.04 DISPOSAL

- A. Lead Painted Demolition Debris and Lead Paint Chips: In order to determine proper disposal of waste removed from the site, perform Toxicity Characteristic Leaching Procedure (TCLP) testing of LCM waste. If TCLP testing shows the waste to be nonhazardous, the waste can be disposed of as normal construction demolition debris. If waste is classified as Hazardous dispose of material as hazardous waste at an accepting landfill.

1. When storing waste containers on-site, ensure that soil, ground water, and drains or sewers within the storage area are protected from possible contamination. Keep containers secure and tightly closed at all times, except when adding waste.
2. Keep lead waste segregated from other waste. Do not co-mingle waste. **DO NOT MIX LIQUID AND SOLID WASTE.**
3. Place appropriate labels on all containers. Provide all information required on the label; mark labels using indelible ink.

1.05 CLEAN UP

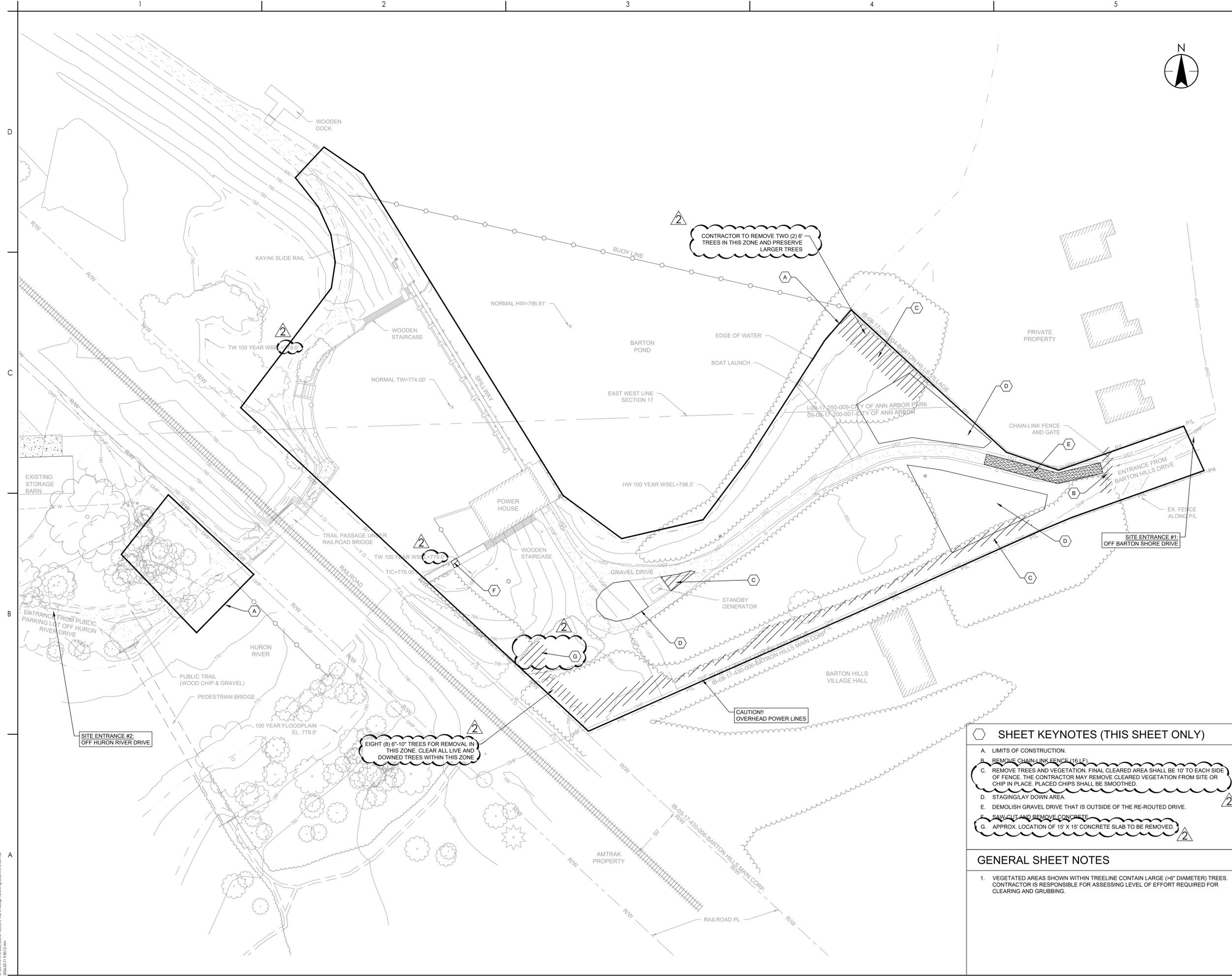
- A. Upon completion of LCM or LBP removal and disposal operations, clean all surfaces within the Work Area before it can be tracked into other areas, including, but not necessarily limited to the following:
 1. Siding.
 2. Steel support structures.
 3. Floors and ground.
 4. Walls.
 5. Window sills.
 6. Trim.
 7. Ledges and projections.
- B. For projects within building interior spaces, use a HEPA filtered vacuum for removal/elimination of dust, particulates, and debris.
 1. Brushing, brooming and other dry methods that generate airborne dust are prohibited.
- C. Remove and dispose of wash water and HEPA filters as Hazardous Waste.
- D. Remove and dispose of all solid waste used for protection and clean-up as Non-Hazardous Waste as indicated in Section 3.4, "Disposal of Non-Hazardous LCM from Demolition/Renovation Activities".
- E. Field Testing: The Owner may visually inspect and/or test the Project Site for evidence of remaining lead contamination. Return to Project Site and, at no additional cost to Owner, re-clean areas found to be contaminated.

END OF SECTION

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Consultant



CONTRACTOR TO REMOVE TWO (2) 6" TREES IN THIS ZONE AND PRESERVE LARGER TREES

EIGHT (8) 6"-10" TREES FOR REMOVAL IN THIS ZONE. CLEAR ALL LIVE AND DOWNED TREES WITHIN THIS ZONE

- KEYNOTE (THIS SHEET ONLY)**
- A. LIMITS OF CONSTRUCTION.
 - B. REMOVE CHAIN-LINK FENCE (16 LF).
 - C. REMOVE TREES AND VEGETATION. FINAL CLEARED AREA SHALL BE 10' TO EACH SIDE OF FENCE. THE CONTRACTOR MAY REMOVE CLEARED VEGETATION FROM SITE OR CHIP IN PLACE. PLACED CHIPS SHALL BE SMOOTHED.
 - D. STAGING/LAY DOWN AREA.
 - E. DEMOLISH GRAVEL DRIVE THAT IS OUTSIDE OF THE RE-ROUTED DRIVE.
 - F. SAW-CUT AND REMOVE CONCRETE.
 - G. APPROX. LOCATION OF 15' X 15' CONCRETE SLAB TO BE REMOVED.

GENERAL SHEET NOTES

1. VEGETATED AREAS SHOWN WITHIN TREELINE CONTAIN LARGE (>6" DIAMETER) TREES. CONTRACTOR IS RESPONSIBLE FOR ASSESSING LEVEL OF EFFORT REQUIRED FOR CLEARING AND GRUBBING.

| | | | | |
|--------------------------------|-------|-------|------------|------------|
| ADDENDUM #2 | ERYVC | PJM | 2026.03.11 | |
| REVISION PER EGLE REQUIREMENTS | ERYVC | PJM | 2026.02.26 | |
| BID/PERMIT SET | ERYVC | PJM | 2026.01.15 | |
| FERC REVIEW SET | ERYVC | PJM | 2025.12.15 | |
| REVIEW SET | ERYVC | PJM | 2025.10.14 | |
| Issued | By | Appd | YYYY.MM.DD | |
| File Name: 151516C-102 | BWA | ERYVC | PJM | 2025.08.10 |
| | Dwn. | Dgtr. | Chkd. | YYYY.MM.DD |

Permit/Seal

Client/Project Logo

Client/Project
CITY OF ANN ARBOR

2026 BARTON DAM
SECURITY IMPROVEMENTS

City of Ann Arbor

Title
**SITE PREPARATION AND
DEMOLITION PLAN**

Project No.
20751516

Scale
0 40' 80'

Revision Sheet
0 4 of 15

Drawing No.
C-102

Stantec Consulting Michigan Inc.
1168 Oak Valley Drive Suite 100
Ann Arbor MI 48108-9200
Tel: (734) 761-1010
www.stantec.com

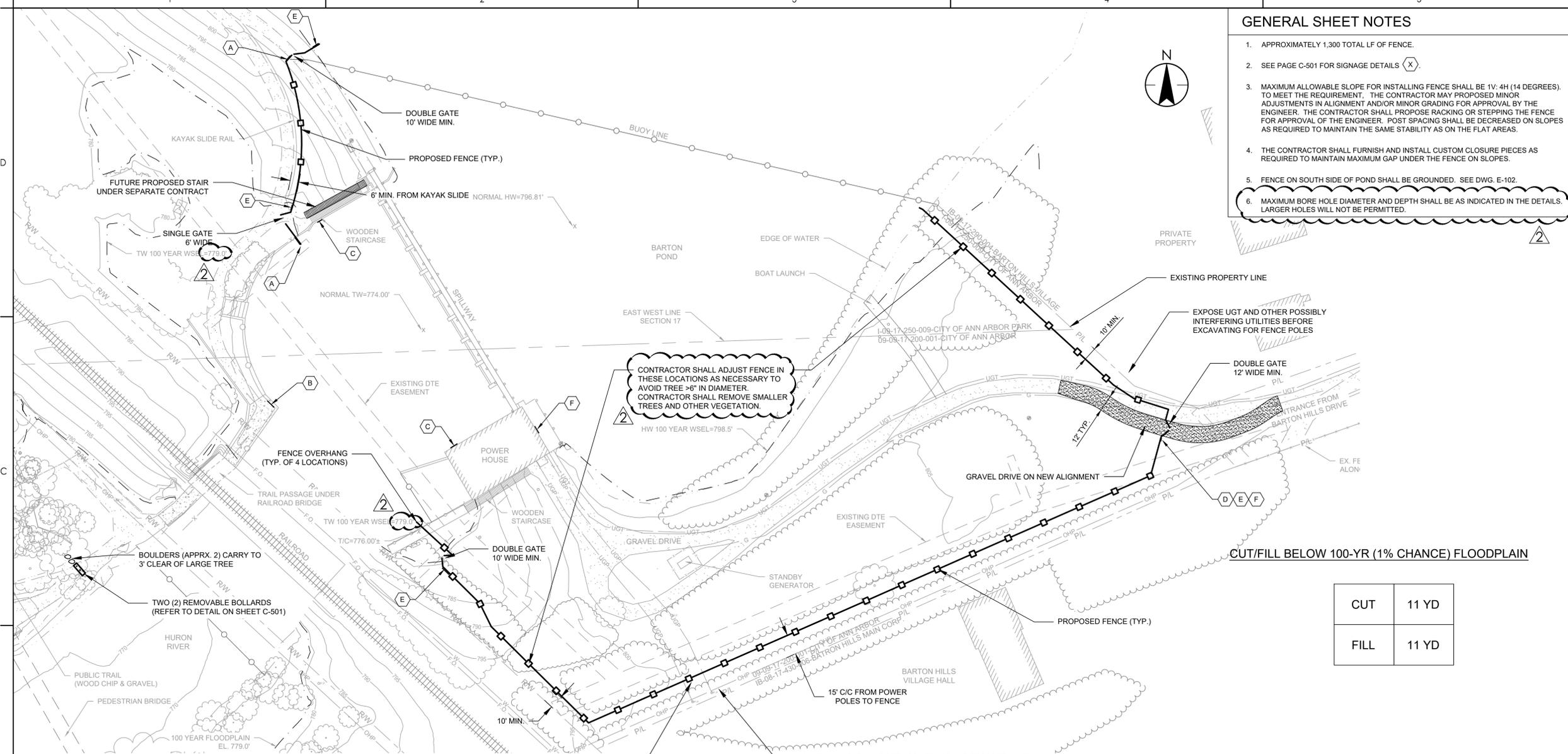
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GENERAL SHEET NOTES

- APPROXIMATELY 1,300 TOTAL LF OF FENCE.
- SEE PAGE C-501 FOR SIGNAGE DETAILS (X).
- MAXIMUM ALLOWABLE SLOPE FOR INSTALLING FENCE SHALL BE 1V: 4H (14 DEGREES). TO MEET THE REQUIREMENT, THE CONTRACTOR MAY PROPOSED MINOR ADJUSTMENTS IN ALIGNMENT AND/OR MINOR GRADING FOR APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL PROPOSE RACKING OR STEPPING THE FENCE FOR APPROVAL OF THE ENGINEER. POST SPACING SHALL BE DECREASED ON SLOPES AS REQUIRED TO MAINTAIN THE SAME STABILITY AS ON THE FLAT AREAS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL CUSTOM CLOSURE PIECES AS REQUIRED TO MAINTAIN MAXIMUM GAP UNDER THE FENCE ON SLOPES.
- FENCE ON SOUTH SIDE OF POND SHALL BE GROUNDED. SEE DWG. E-102.
- MAXIMUM BORE HOLE DIAMETER AND DEPTH SHALL BE AS INDICATED IN THE DETAILS. LARGER HOLES WILL NOT BE PERMITTED.



| | |
|------|-------|
| CUT | 11 YD |
| FILL | 11 YD |

| ADDENDUM #2 | BY | DATE |
|----------------------------------|-----------|------------|
| D REVISION PER EGLE REQUIREMENTS | ERYVC PJM | 2026.03.11 |
| C BID/PERMIT SET | ERYVC PJM | 2026.02.26 |
| B FERCC REVIEW SET | ERYVC PJM | 2026.01.15 |
| A REVIEW SET | ERYVC PJM | 2025.12.15 |
| | By Appd | YYYY.MM.DD |

Issued

| | | | | |
|------------------------|------|-------|-------|------------|
| File Name: 151516C-103 | BWA | ERYVC | PJM | 2025.08.10 |
| | Dwn. | Dgn. | Chkd. | YYYY.MM.DD |

Permit/Seal

Client/Project Logo

Client/Project
CITY OF ANN ARBOR

2026 BARTON DAM
SECURITY IMPROVEMENTS

City of Ann Arbor

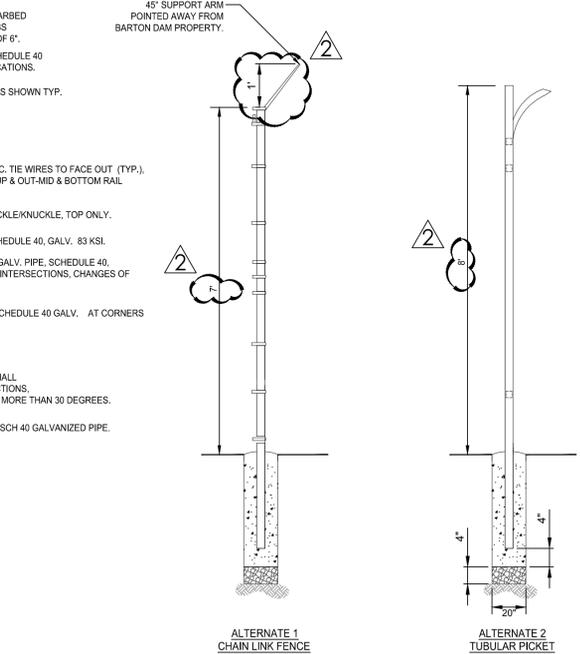
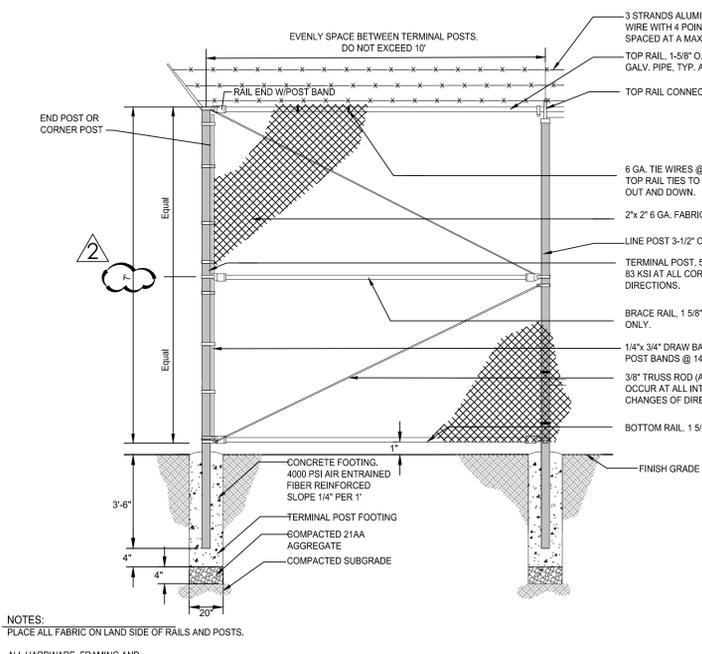
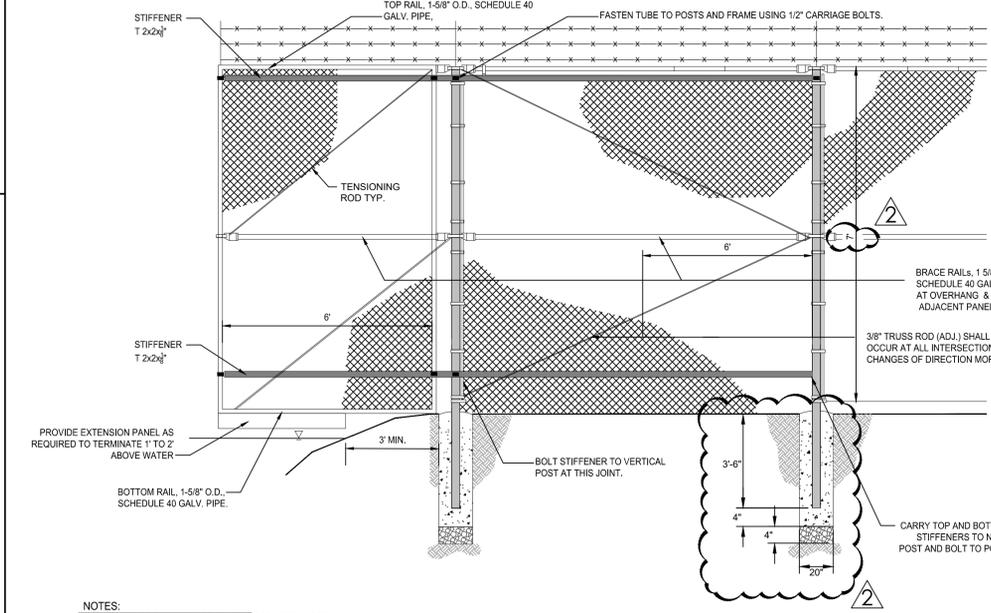
Title

SITE IMPROVEMENTS

Project No. 20751516
Revision Sheet 0 5 of 15

Scale 0 40' 80'

Drawing No. C-103



U:\20751516\2026 Barton Security\A02.dwg (2025/08/10 11:28:26 AM)

SHEET KEYNOTES (THIS SHEET ONLY)

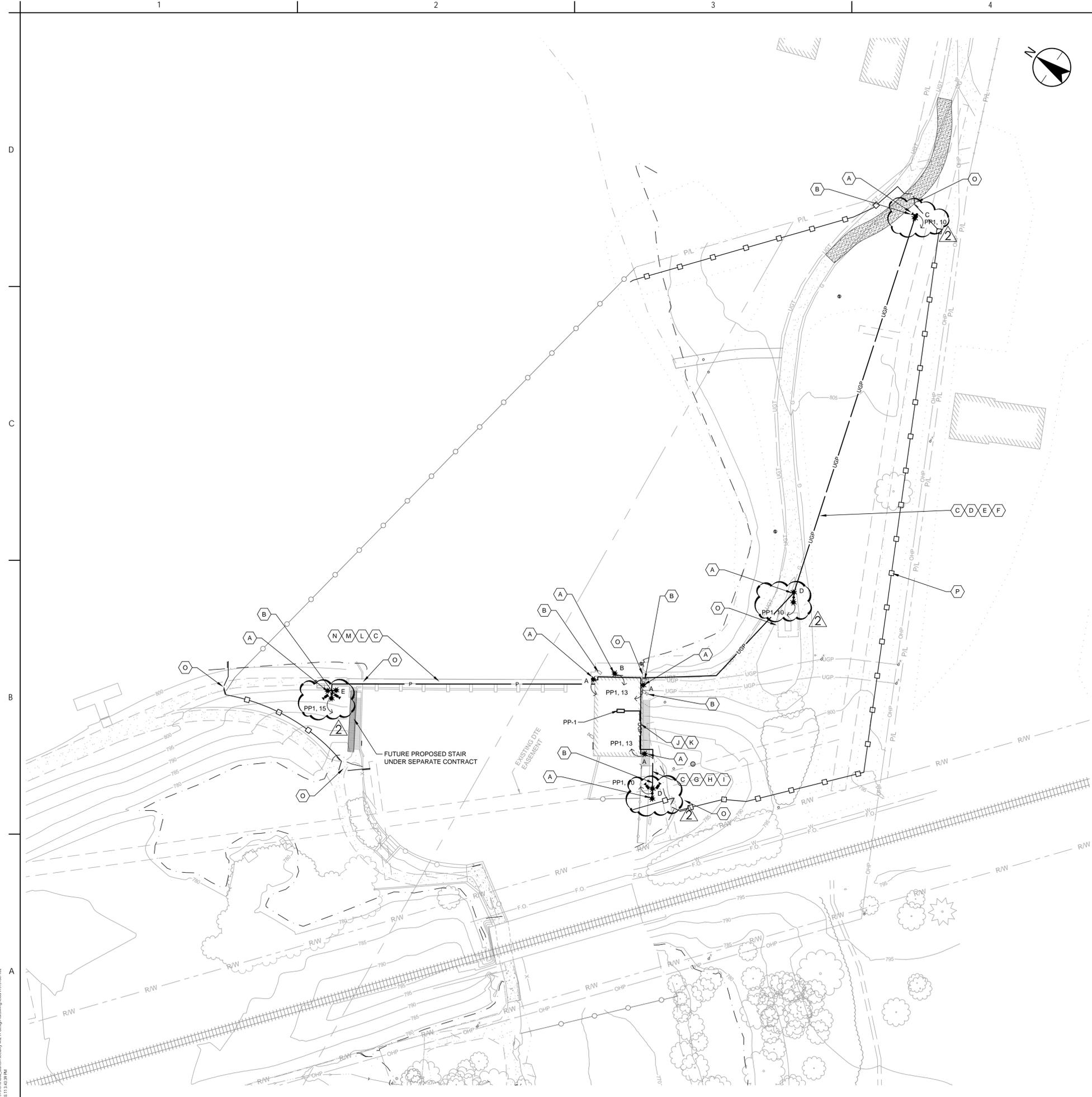
- A. INSTALL NEW LIGHT.
- B. INSTALL NEW CCTV CAMERA.
- C. INSTALL THREE (3) SEPARATE 1" RGS CONDUIT FOR CARRYING LIGHT POLE & CCTV POWER CABLES AND SIGNAL CABLES.
- D. 1" RGS W/ 2#10 & #10 GND (GATE & GENERATOR LIGHT).
- E. 1" RGS W/ 2#18 SHD STP (GATE & GENERATOR LIGHT).
- F. 1" RGS W/ CAT6 (CCTV AT GATE).
- G. 1" RGS W/ 2#12 & #12 GND (DOCK AREA LIGHT).
- H. 1" RGS W/ 2#18 SHD STP (DOCK AREA LIGHT).
- I. 1" RGS W/ 2#CAT6 (CCTV AT DOCK AREA).
- J. 1" RGS W/ 2#12 & #12 GND (EXTERIOR WALL LIGHT).
- K. 1" RGS W/ 2#18 SHD STP (EXTERIOR WALL LIGHT).
- L. 1" RGS W/ 2#12 & #12 GND (ACROSS DAM LIGHT).
- M. 1" RGS W/ 2#18 SHD STP (ACROSS DAM LIGHT).
- N. 1" RGS W/ 2#CAT6 (CCTV ACROSS DAM).
- O. INSTALL SECURITY LOCK AT GATE (x7).
- P. GROUND FENCE ALONG THE SOUTH SIDE OF THE POND WITH EXOTHERMIC WELDS. CONNECT TO GROUNDING SYSTEM AS PER NEC 250. ENSURE CORROSION RESISTANT TESTED AND MECHANICALLY SECURE. BONDING JUMPERS SHALL BE AT EVERY FENCE CORNER AND AT A MAXIMUM SPACING OF 20' ALONG THE FENCE.

GENERAL SHEET NOTES

1. CLEARANCE BETWEEN PARALLEL CONDUITS SHALL BE ONE CONDUIT DIAMETER PER THE NEC.
2. CONDUIT ROUTING IS SHOWN FOR CONNECTIVITY PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING OPTIMAL PATH FOR NEW CONDUIT.
3. SEE SHEET E-501 FOR LUMINAIRE SCHEDULE.
4. CCTV CAMERA LENSES SHALL BE CLEANED AT A MINIMUM FREQUENCY OF ONCE EVERY THREE (3) MONTHS TO REMOVE DUST, MOISTURE AND RESIDUE ACCUMULATION RESULTING FROM MIST AND ENVIRONMENTAL CONDITIONS NEAR THE DAM.
5. USE THE SEVEN (7) 20 AMP CIRCUIT BREAKER IN THE 120/208V, 3P, 4W EXISTING PANEL PP-1 ON THE MEZZANINE/GENERATOR FLOOR INSIDE THE POWERHOUSE FOR THE EXTERIOR AND INTERIOR LIGHTING.

LEGEND

- PROPOSED LIGHT FIXTURE
- PROPOSED CCTV
- PROPOSED LIGHT POLE (4 TOTAL)



| ADDENDUM #2 | ER/YVC | PJM | 2026.03.11 | |
|----------------------------------|--------|--------|------------|------------|
| D REVISION PER ELEC REQUIREMENTS | ER/YVC | PJM | 2026.02.26 | |
| C BID/PERMIT SET | ER/YVC | PJM | 2026.01.15 | |
| B FER REVIEW SET | ER/YVC | PJM | 2025.12.15 | |
| A REVIEW SET | ER/YVC | PJM | 2025.10.16 | |
| Issued | By | Appd | YYYY.MM.DD | |
| File Name: 15151516E-102 | BWA | ER/YVC | PJM | 2025.08.10 |
| | Dwn | Dgn | Chkd | YYYY.MM.DD |

Permit/Seal

Client/Project Logo

Client/Project
CITY OF ANN ARBOR

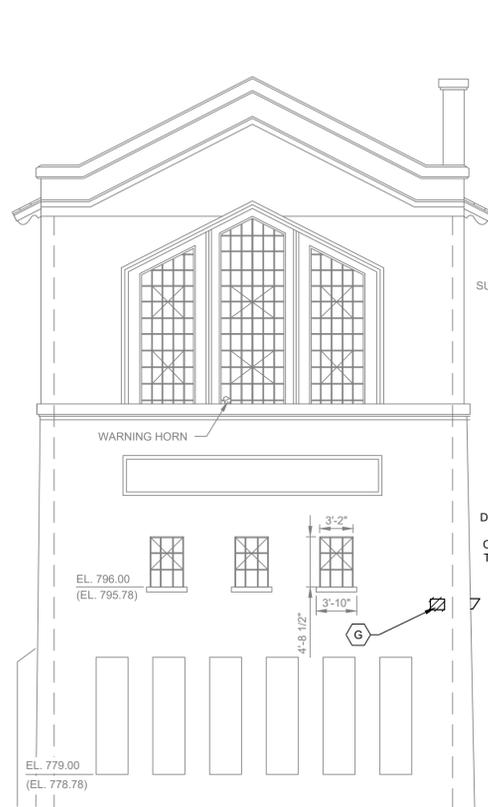
2026 BARTON DAM
SECURITY IMPROVEMENTS

City of Ann Arbor

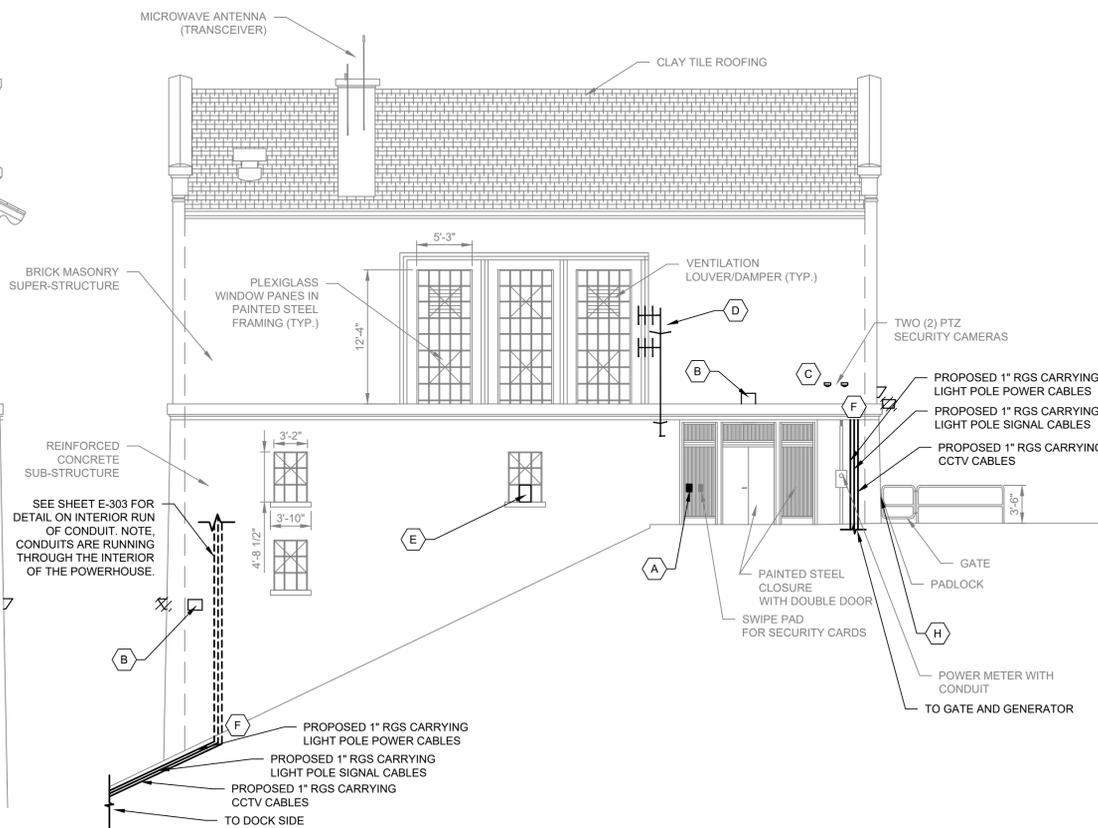
Title

POWERHOUSE PROPOSED EXTERIOR
LIGHTING & SECURITY

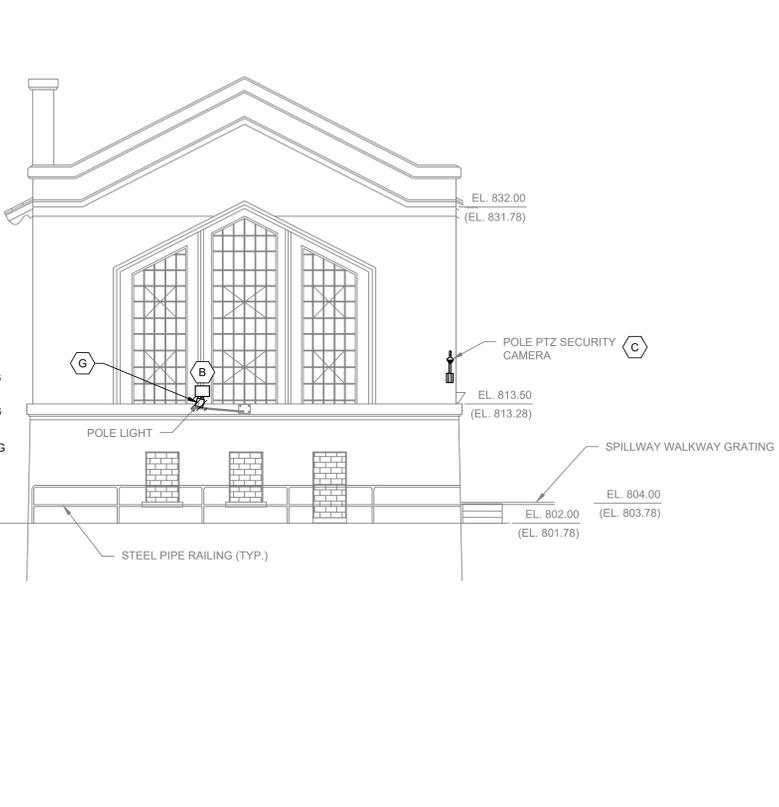
| | |
|-----------------------------|----------------------|
| Project No. 2075151516 | Scale 0 40' 80' |
| Revision Sheet 0 9 of 15 | Drawing No. E-102 |



DOWNSTREAM ELEVATION



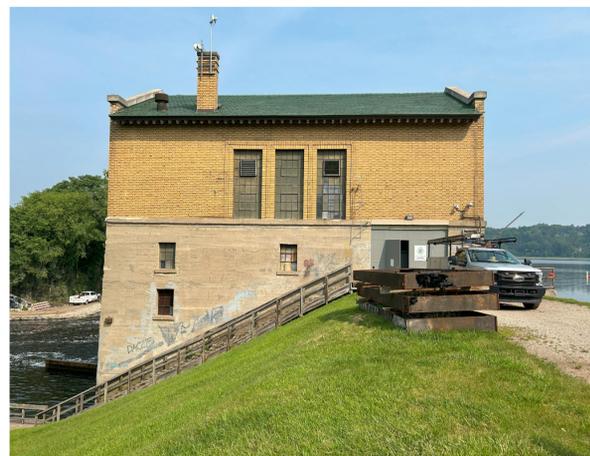
ELEVATION OF LAND SIDE



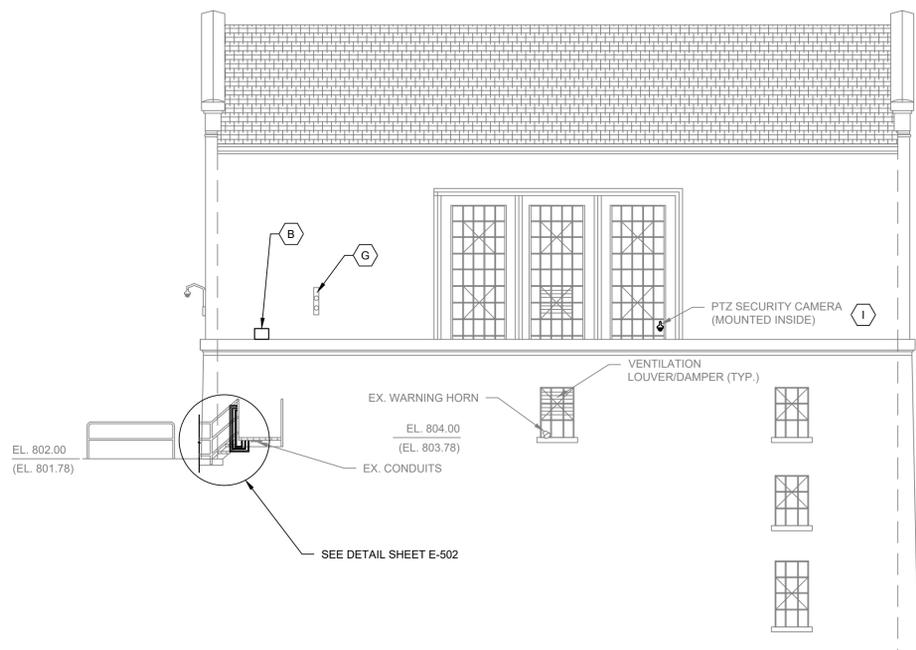
UPSTREAM ELEVATION



ELEVATION OF SPILLWAY SIDE



ELEVATION OF LAND SIDE



ELEVATION OF SPILLWAY SIDE

SHEET KEYNOTES (THIS SHEET ONLY)

- A. INSTALL OWNER SPECIFIED KEY PAD PIN ENTRY BY THE MAIN ACCESS DOOR.
- B. DEMOLISH THE EXISTING LIGHT AND ASSOCIATED CONDUIT AND CABLES. INSTALL NEW EXTERIOR LIGHT. REFER TO SHEET E-102 & E-501.
- C. DEMOLISH THE EXISTING CCTV AND ASSOCIATED CONDUIT AND CABLES. INSTALL NEW CCTV. REFER TO SHEET E-102.
- D. REMOVE EXISTING RF ANTENNA COMMUNICATION ASSEMBLY AND RAISE ON THE SAME WALL BY THREE (3) FEET, USE ALL S.S. HARDWARE.
- E. REPLACE BROKEN/MISSING WINDOW PANES (APPROX. 20 TOTAL) IN VARIOUS LOCATIONS AROUND THE BUILDING ENVELOPE. TYPICAL GLASS SIZE = 10" x 12". FIELD MEASURE ALL PANES. INTERIOR SCAFFOLDING OR LADDER MAY BE NEEDED FOR HIGHER GLASS PANELS.
- F. LINK SEAL (DOUBLE W/ S.S. HARDWARE AND NON SHRINK GROUT (AS REQUIRED, TYP.).
- G. DEMOLISH THE EXISTING LIGHT AND ASSOCIATED CONDUIT AND CABLES. SEAL AND PATCH ALL CONDUIT OPENINGS TO MATCH THE ADJACENT SURFACES.
- H. INSTALL SECURITY LOCK AT GATE.
- I. CAMERA SHALL BE MAINTAINED AS FUNCTIONAL DURING CONSTRUCTION.

GENERAL SHEET NOTES

- 1. CLEARANCE BETWEEN PARALLEL CONDUITS SHALL BE CONDUIT DIAMETER PER THE NEC.
- 2. SEE SHEET E-501 FOR LUMINAIRE SCHEDULE.
- 3. CCTV CAMERA LENSES SHALL BE CLEANED AT A MINIMUM FREQUENCY OF ONCE EVERY THREE (3) MONTHS TO REMOVE DUST, MOISTURE AND RESIDUE ACCUMULATION RESULTING FROM MIST AND ENVIRONMENTAL CONDITIONS NEAR THE DAM.
- 4. SEE SHEET E-502 FOR ELECTRICAL DETAILS.

| ADDENDUM #2 | BY | DATE |
|----------------------------------|-----------|------------|
| D REVISION PER EGLE REQUIREMENTS | ERYVC PJM | 2026.03.11 |
| C BID/PERMIT SET | ERYVC PJM | 2026.02.26 |
| B FERCC REVIEW SET | ERYVC PJM | 2026.01.15 |
| A REVIEW SET | ERYVC PJM | 2025.12.15 |
| | ERYVC PJM | 2025.10.14 |
| | By Appd | YYYY.MM.DD |

File Name: 151516E-301
Dwn: BWA Dgri: ERYVC Chkd: PJM
Date: 2025.08.10

Permit/Seal

Client/Project Logo

Client/Project
CITY OF ANN ARBOR

2026 BARTON DAM
SECURITY IMPROVEMENTS
City of Ann Arbor

Title
POWERHOUSE EXTERIOR NEW WORK

Project No. 2075151516
Revision Sheet 0 10 of 15
Scale 0' 2' 4' 8'
Drawing No. E-301

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**LIMITED BUILDING MATERIAL SURVEY OF
SUSPECT ASBESTOS CONTAINING MATERIALS
CITY OF ANN ARBOR - BARTON HYDRO STATION
INSPECTION DATE - 06/23/2015**

| HA # | ROOM# / LOCATION | FLOOR | DESCRIPTION | POS or NEG | QUANTITY | UPDATED STATUS |
|------|---------------------------|-------|---|------------------|----------------------------|------------------------------------|
| 4 | Electrical Room | 2 | Fire Door | Assumed Positive | 1 Door | |
| 17 | Exterior | - | Roof Tar Patch Compound on Window Ledge | Positive | 3 l.f. | |
| 7 | Fuel Oil Room | 1 | Suspect Mag Pipe Insulation Debris | Positive | 100 s.f. | All Material Abated as of 09/24/15 |
| 10 | Lower Level | B | Door Frame Sealant - Dark Brown | Positive | 5 l.f. | |
| 12 | Lower Level | B | Transite Panels | Positive | 50 s.f. | All Material Abated as of 09/24/15 |
| 13 | Lower Level | B | Packing in Pipe Penetrations | Positive | 5" diameter hole - 4 Total | Partially Abated as of 09/24/15 |
| 19 | Lower Level | B | Caulk on I-Beam | Positive | 40 l.f. | |
| 14 | Lower Level | B | Electrical Wiring Extending from Conduit Penetration | Assumed Positive | Unknown | |
| 15 | Lower Level - Boiler Room | B | Boiler Wrap Insulation | Positive | 100 s.f. | All Material Abated as of 09/24/15 |
| 15A | Lower Level - Boiler Room | B | Boiler Firebrick, Mortar or Refractory | Assumed Positive | - | All Material Abated as of 09/24/15 |
| 16 | Lower Level - Boiler Room | B | Vermiculite and Debris on Floor | Assumed Positive | 100 s.f. | All Material Abated as of 09/24/15 |
| 6 | Storage Area | 1M | Electrical Backing Panels - Black | Positive | 40 s.f. | All Material Abated as of 09/24/15 |
| 8 | Hallway / Stairway | 1 | Window Caulk/Mortar Patch | Negative | 30 l.f. | |
| 9 | Hallway / Stairway | 1 | Window Pane Rope | Negative | 5 l.f. | |
| 1 | Turbine Operating Floor | 2 | Gray Window Glaze | Negative | 5 l.f. | |
| 1 | Storage Area | 1M | Gray Window Glaze | Negative | 180 l.f. | |
| 6A | Storage Area | 1M | Electrical Wiring Associated with Electrical Backing Panels | Negative | 5 l.f. | |
| 1 | Open Mezzanine Area | 2M | Gray Window Glaze | Negative | 900 l.f. | |
| 2 | Control Room | 2M | Drywall, Tape and Mud | Negative | - | |
| 3 | Control Room | 2M | Door Frame Sealant - Brown | Negative | 30 l.f. | |
| 1A | Open Mezzanine Area | 2M | White Window Glaze (replacement) | Negative | Included in above quantity | |
| 8 | Lower Level | B | Window Caulk/Mortar Patch | Negative | 30 l.f. | |
| 11 | Lower Level | B | Window Glaze - Red | Negative | 30 l.f. | |
| 18 | Lower Level | B | Window Glaze - White | Negative | 120 l.f. | |
| - | Abandoned Turbine Room | - | **No Access** | | | |
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Barton Security Project

Pre-Bid Meeting — February 19, 2026, 10:00 AM

Ann Arbor Water Treatment Plant

Sign-In Sheet

| Name | Organization | Email / Phone |
|---------------|-------------------------------------|--|
| Paul Malocha | Stantec | Paul.malocha@stantec.com 734-709-7067 |
| Andrew Henry | Spence Brothers | andrewhenry@spencebrothers.com 734-756-3753 |
| John Humenay | AOB Security LLC / Security Designs | John@securitydesigns.com 734-421-0077 |
| Jacob Smith | International Controls & Equipment | Jsmith@icegatesystems.com |
| Geoff Hacker | Red Guard Fire & Security | geoffh@redguardFS.com 734-892-5832 |
| Tim Sucharski | J. Ranck Electric | Aveitengurber@Jranck.com |
| Amy | Huron Valley Electric | |