



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

September 2, 2026

To: Jennifer L. Hibit, Secretary to the Authority

From: Adam R. Massaro, Distribution Engineer *ARM*

Subject: Rapids Road Main Extension
EC 7611
ECWA File No. CLTN-728-202601
ECWA Project No. 202600178

Legal has prepared an agreement for a Main Extension by Special Agreement between the Authority, Douglas Matusek (Owner), and Kandey Company (Contractor), for a main extension along Rapids Road in the Town of Clarence.

The proposed drawings were reviewed by the Engineering Department and approved by the Executive Engineer for the installation of 250± LF of 8-inch PVC watermain and one (1) public fire hydrant along Rapids Road in the Town of Clarence.

Attached is a copy of the Agreement for the Board's consideration and, if approved, for the Chairman to execute.

ARM:lal1
Attachments
cc: L.Kowalski

**ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Board Meeting Documents**

Document Name: _____ **Project No.:** 202600178

Description: Install approx 250+/- LF of 8-inch PVC watermain, one (1) fire hydrant, and all necessary material for the complete installation of a main extension along Rapids Road, Town of Clarence

Item Description:

Choose one: Agreement

Other: _____

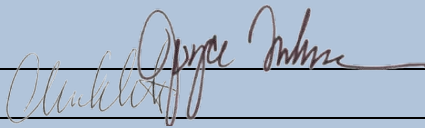
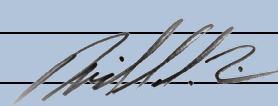
Action Requested:

Choose one Board Authorization to Execute

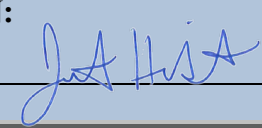
Other: Execution by the Chairman

Approvals Required:

APPROVED AS TO CONTENT:

☒	Chief Financial Officer		Date: <u>9/4/2026</u>
☒	Chief Operating Officer		Date: <u>09/04/2026</u>
☐	Claims Rep. – Risk Manager		Date: _____
☐	Comptroller		Date: _____
☐	Director of Administration		Date: _____
☒	Director of Distribution		Date: <u>9/4/2026</u>
☐	Director of Human Resources		Date: _____
☐	Director of IT		Date: _____
☐	Sr. Director of Operations & Infra		Date: _____
☐	Director of Planning & Water Supply		Date: _____
☐	Director of Production		Date: _____
☐	Director of Water Quality		Date: _____
☒	Executive Engineer		Date: <u>9/4/2026</u>
☒	General Counsel (Legal)		Date: <u>9/4/2026</u>
☐	Other: _____		Date: _____

APPROVED FOR BOARD RESOLUTION:

☒ Secretary to the Authority  Date: 9/4/2026

Remarks: EC 7611

Resolution Date: _____ Item No: _____

**ERIE COUNTY WATER AUTHORITY
MAIN EXTENSION SPECIAL AGREEMENT**

The **ERIE COUNTY WATER AUTHORITY**, a public benefit corporation created and existing under the laws of the State of New York, with its principal office at 295 Main Street, Room 350, Buffalo, New York, 14203, hereinafter called the “Authority”, and **DOUGLAS MATUSEK**, 209 East Avenue, Akron, New York 14001, (hereinafter “Owner Applicant) and **KANDEY COMPANY**, 19 Ransier Drive, West Seneca, New York 14224, (hereinafter “Contractor Applicant,” collectively with Owner Applicant as “Applicants”). The Applicants agree as follows:

1. This Agreement is made pursuant to Subdivision 10, Section 1054 of the Public Authorities Law and Title 10.00, “Extensions of Mains” of the Authority’s Tariff.
2. The Applicants desire to install water mains, hydrants and appurtenances as follows:

INSTALL approximately 250 +/- linear feet of 8-inch PVC watermain along Rapids Road, Town of Clarence, under an Erie County Water Authority Main Extension Special Agreement.

INSTALL one (1) public fire hydrant along Rapids Road, Town of Clarence, under an Erie County Water Authority Main Extension Special Agreement.

Rapids Road

BEGINNING at existing valve N02-G30, 1G, along Rapids Road, approximately 300’ south of the centerline of Rapids Road, at approximate station 2+54, thence southerly a distance of approximately 250 +/- linear feet within existing right-of-way of Rapids Road, ending with blow-off at station 0+04.

AS SHOWN and noted on Greenman Pedersen Inc.’s drawing of Rapids Road, Town of Clarence dated August 10, 2026.

3. The Applicants must be business entities registered with the New York Secretary of State to do business in the State of New York.
4. Prior to beginning installation of the water mains, hydrants and appurtenances, Applicants shall provide the Authority with the following:
 - a. Names of all sub-contractors, if any, who will be installing water mains and appurtenances;
 - b. Shop drawings showing that all materials used in the construction of the water mains and appurtenances meet the Authority’s specifications;

- c. Name of engineer who will do the full-time inspection;
 - d. Five (5) days advance written notice of the starting date of construction;
5. The Applicants shall arrange for water samples and bacterial tests to be taken and tested by an approved laboratory. The results shall be submitted to the Erie County Health Department for approval, and if all tests are satisfactory, the County Health Department shall submit a Certificate of Acceptance to the Authority.
6. Authority personnel shall direct the operation of valves on existing water mains during the required leakage and pressure tests and the disinfection of the water mains and appurtenances. If the mains and appurtenances should fail the pressure or leakage tests, the necessary corrective measures shall be taken, and the tests repeated until satisfactory results are obtained. Upon completion of these tests, the mains shall be shut off and not placed into service until the County Health Department issues a Certificate of Acceptance, all legal and administrative requirements have been satisfied, and the work has been accepted by resolution of the Authority. The Authority will then turn on the mains, which have been accepted by the Authority, and service can begin.
7. Within four (4) weeks of the date the Erie County Health Department Certificate of Acceptance is received, and prior to both acceptance by the Authority and the date water service is begun, Applicants shall have the Contractor Applicant provide the Authority with the following:
- a. Maintenance bond.
 - (1) A maintenance bond in form satisfactory to the Authority and issued by a carrier satisfactory to the Authority in an amount of one hundred (100%) percent of the actual construction cost of the water mains and appurtenances.
 - (2) Said bond shall cover a period of twenty-four (24) months following the completion of the installation of water mains and appurtenances. During this 24-month period, the Contractor Applicant agrees to maintain and repair the water mains and appurtenances accepted by the resolution of the Authority.
 - (3) The completion date shall be established as the date of the acceptance of the work by resolution of the Authority.
 - (4) If the Contractor Applicant defaults on its/his/her obligation, the Authority may seek to recover the cost of maintenance and repair from the carrier/surety of the maintenance bond.
 - b. Payment bond.
 - (1) A payment bond in form satisfactory to the Authority and issued by a

carrier satisfactory to the Authority in an amount of one hundred (100%) percent of the actual construction cost of the water mains and appurtenances.

- (2) The Contractor Applicant will provide said payment bond to insure all labor and materials supplied for the construction and installation of the water mains and appurtenances have been fully paid, ensuring the Authority accepts such water mains and appurtenances without liens or encumbrances.
 - (3) Said bond shall cover a period of twelve (12) months following completion of the installation of water mains and appurtenances.
 - (4) The completion date shall be established as the date of acceptance of the work by resolution of the Authority.
 - c. The Authority may review and verify the actual construction cost of the mains and appurtenances. The actual cost will be used to determine the amount of the maintenance and payment bonds mentioned above, and for all other legal and administrative purposes. The actual cost shall include the furnishing and installing of the pipe, valves, hydrants, paving and other appurtenances required to be completed before the work is accepted by resolution of the Authority.
 - d. A statement, signed and sealed by the Applicants' engineer, that all work involved in the installation of water mains and appurtenances was completed in accordance with drawings approved by the Authority and in accordance with the Authority's specifications, that all valves, hydrants and appurtenances are in satisfactory operating condition and that the Applicants' engineer provided full time resident inspection of the work.
 - d. One (1) reproducible and electronic file AutoCad 2000 version on CD Rom or diskette record drawing, to a scale determined by the Authority, showing the constructed location of all mains with at least three readily identifiable ties to all fittings, valves and services. The record drawing shall be marked "As-Built" and bear the seal and license number of the Applicants' engineer. The Applicants' engineer shall certify by seal and signature that he has measured or has supervised the measurement of all dimensions shown on the "As-Built" drawing.
 - e. A cost estimate and bill of sale to the Authority for the water mains and appurtenances installed. A completed "Schedule of Inventory" shall be attached to bill of sale on the form provided by the Authority.
8. The Applicants shall notify the Authority when service is desired so that a meter can be installed. Meter installation will be in accordance with the provisions of Section 6.00 of the Authority's Tariff.

9. At the completion of all the work, labor and service as well as installation of all materials and after all the conditions hereinabove set forth are complied with to the satisfaction of the Authority, the Authority agrees to accept said water mains, hydrants, services, and other appurtenances.
10. Title to all water mains, hydrants, services, and appurtenances shall vest in the Authority and the Authority shall provide service to Applicants in the same manner as if the mains were originally installed by the Authority.
11. The Authority reserves the right at any time, without notice to shut off the water in its mains to make repairs, extensions or for other purposes, and it is expressly agreed that the Authority shall not be liable for deficiency or failure in the supply of water, water pressure or for any damage caused thereby or by the bursting or breaking of any main or service pipe or any attachment to the Authority's property, other than through the gross negligence of the Authority. All customers having boilers, hot water heaters, interior piping, etc. upon their premises depending upon the pressure in the Authority's pipes to keep them supplied are cautioned against danger of collapse or bursting and all such damage shall be borne exclusively by the customers.
12. In the interest of public health, the Authority will not permit its mains or services to be connected with any service pipe or piping which is connected with any source of water supply not approved by the Department of Health in the State of New York. In conformance with Part 5 of the New York State Sanitary Code, the Authority has implemented a Cross Connection Control Program and shall not permit its mains or service pipes to be connected in any way to any piping, tank, vat or other apparatus which contains liquids, chemicals, or any other matter which might flow back into the Authority's service pipe or mains and consequently endanger the water supply without the installation of a proper backflow prevention device as specified by the New York State Department of Health, at a location approved by the Authority. In conformance with Part 5 of the New York State Sanitary Code, the Customer shall install a backflow prevention device when required by the Authority.
13. It is mutually understood and agreed:
 - a. The mains laid or to be laid pursuant to this Agreement shall be and remain the property of the Authority, its successors and assigns, and the Authority retains and shall have the right to extend any mains installed by it pursuant to the terms of the Agreement in or to other lands, streets or avenues, but Applicants shall not by reason thereof be entitled to any repayment.
 - b. The water main and/or connection installed are to be used for only fire and domestic purposes and are to have no connection with any source of water supply not approved by the Department of Health of the State of New York, and the Erie County Water Authority.
 - c. Any authorized representative of the Authority shall have free access to the

premises of the Applicants at any reasonable time for the purpose of reading the meter or inspecting said construction.

- d. The Applicants agree to notify the Authority at the time of all tests, so that, if desired, the Authority may have a representative present. Such notification, however, need not be formal and written, but may be given by telephone to the principal office and place of business of the Authority.
 - e. Violation by the Applicants of any of the conditions of this Agreement or of the Authority's rules, and so forth, shall terminate the same and the Authority may disconnect the pipe or shut off the supply of water.
 - f. The Owner Applicant agrees to pay for services rendered under this Agreement the rates and charges under terms set forth in Service Classification No. 1 of the Authority's Tariff. If at any time the Owner Applicant elects to change the terms of this Agreement with respect to size of connection, this Agreement shall be modified accordingly, or a new Agreement shall be executed. The charges set forth in Service Classification No.1 of the Authority are subject to change from time to time as rates may be modified.
 - g. Water through this connection and/or hydrants is to be supplied subject to the rights of public authorities to use water in the street mains through hydrants for fire purposes.
 - h. Only a town, village or legally constituted water district is permitted to resell water supplied by the Authority except as provided in Section 11.05 of the Authority's Tariff.
 - i. Water Service may be disconnected for any of the reasons enumerated in the Authority's Tariff.
 - j. This extension shall be made in accordance with provisions of the Authority's Tariff.
14. This Main Extension Special Agreement constitutes the entire Agreement between the parties and supersedes all prior or other agreements and representations, oral or in writing. Neither this Agreement nor any terms, covenant, provision or condition may be changed, waived, discharged or terminated orally or in any manner other than an instrument in writing executed and acknowledged by the party against whom the enforcement of the change, waiver, discharge or termination is sought.
15. All the terms, covenants, provisions, conditions and agreements hereinabove set forth or provided for shall be binding upon and ensure to the benefit of the parties hereto and their respective heirs, distributees, executors, administrators, successors and assigns.
16. The effective date of this Agreement is September ___, 2026.

17. The Owner Applicant and Contractor Applicant must sign, execute and return this Agreement to the **Erie County Water Authority, Attn: Legal Department, 295 Main Street, Room 350, Buffalo, New York 14203** within six months of its effective date. If the Legal Department does not receive a fully executed Agreement within this six-month period, the Agreement will be considered null and void.

IN WITNESS WHEREOF, the parties acknowledge the terms and conditions of this Agreement and have duly caused their seals to be hereunto affixed and these presents to be signed by their duly authorized officers.

DOUGLAS MATUSEK

DOUGLAS MATUSEK, Owner

KANDEY COMPANY

JOE BLAHOWICZ, Director of Operations

ERIE COUNTY WATER AUTHORITY

JEROME D. SCHAD, Chair

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On this ____ day of _____, 2026, before me personally came DOUGLAS MATUSEK, to me known to be the individual described in and who executed the foregoing instrument, and duly acknowledged to me that he executed the same.

Notary Public - State of New York

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On this ____ day of _____, 2026, before me personally came JOE BLAHOWICZ, to me known, who being by me duly sworn, did depose and say that he resides at _____; that he is Director of Operations of KANDEY COMPANY, the corporation described in, and which executed, the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.

Notary Public - State of New York

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On this ____ day of September 2026, before me personally came JEROME D. SCHAD, to me known, who being by me duly sworn did depose and say that he resides in Amherst, New York, that he is the Chairman of the ERIE COUNTY WATER AUTHORITY, the corporation named in the foregoing indenture; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by a duly adopted resolution of the said Authority and that he signed his name thereto by like resolution.

Notary Public - State of New York

UNCONDITIONAL PERSONAL GUARANTEE

DOUGLAS MATUSEK unconditionally guarantees payment to the Erie County Water Authority of all amounts owing for this project. This Guarantee remains in effect until the Contract is paid in full. Guarantor must pay all amounts due under the Contract when Erie County Water Authority makes written demand upon Guarantor. The Erie County Water Authority is not required to seek payment from any other source before demanding payment from the Guarantor.

DOUGLAS MATUSEK

STATE OF NEW YORK)
COUNTY OF ERIE) ss:

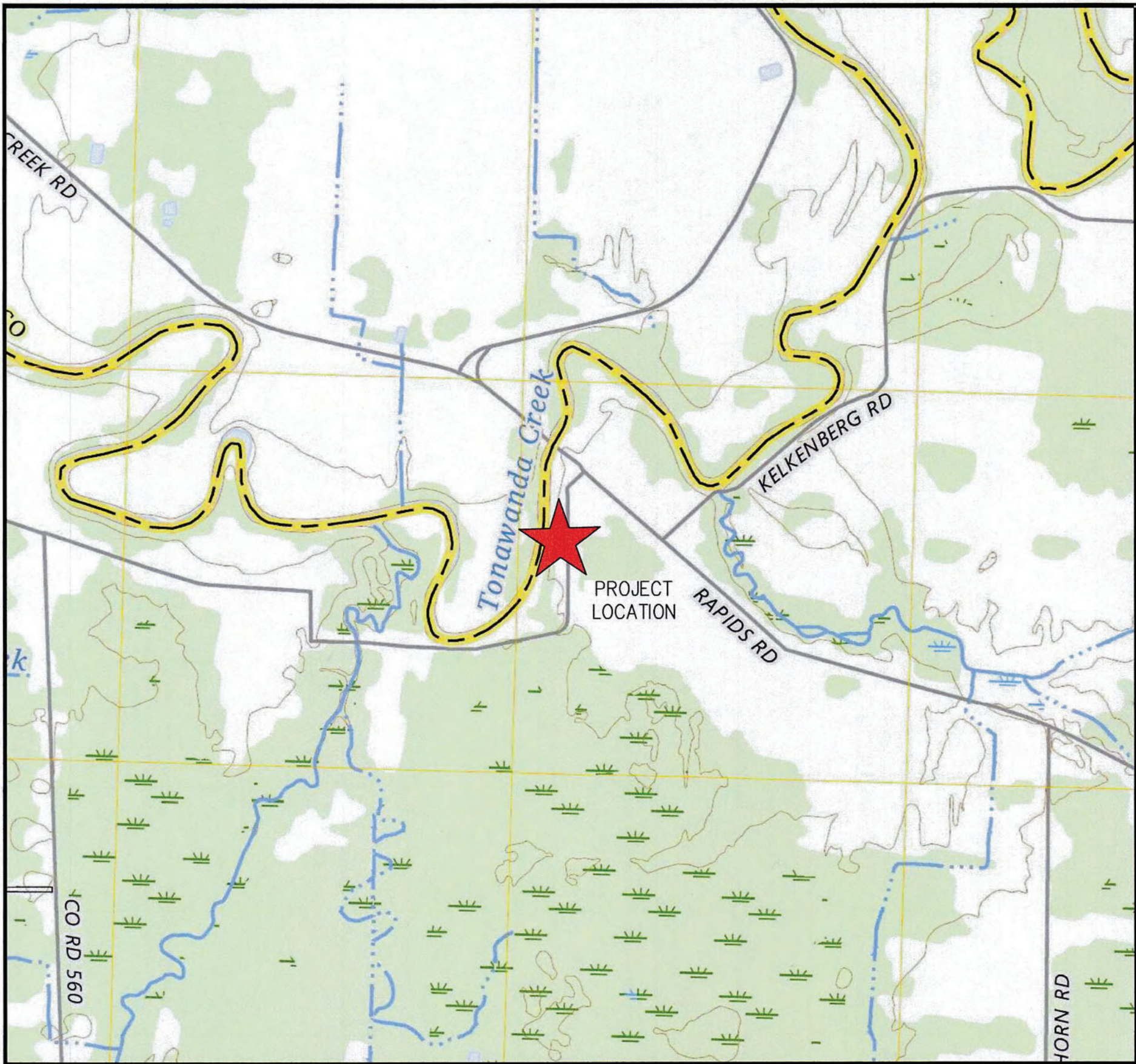
On the ____ day of _____, 202__, before me, the undersigned, a Notary Public in and for the State, personally appeared DOUGLAS MATUSEK, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Notary Public

10650 Rapids Road Watermain Extension

Doug Matusek

10650 Rapids Road
Clarence, NY 14032



PROJECT LOCATION MAP
N.T.S.

DIRECT SERVICE WATER DISTRICTS

APPROVED (X)	APPROVED AS CORRECTED ()
NOT APPROVED ()	REVISE AND RESUBMIT ()

CHECKING OF THE DRAWINGS BY THE AUTHORITY ENGINEERS IS ONLY FOR THE PURPOSE OF ASCERTAINING COMPLIANCE WITH THE PHYSICAL ASPECTS OF GOOD WATER WORKS PRACTICES AND WITH CURRENT DISTRIBUTION SYSTEMS PLANNING.

ERIE COUNTY WATER AUTHORITY

BY James F. Knaflitz DATE 8/11/2026

THIS APPROVAL EXPIRES THREE YEARS FROM THE DATE OF APPROVAL

PREPARED FOR

Doug Matusek
209 East Avenue
Akron, NY 14001

PROJECT DESCRIPTION:

INSTALL THE PROPOSED EXTENSION OF ERIE COUNTY WATER AUTHORITY (E.C.W.A.) WATER DISTRIBUTION SYSTEM (OUTLINED BELOW) AND ALL NECESSARY APPURTENANCES WITHIN THE TOWN OF CLARENCE, NEW YORK. WORK SHALL BE PERFORMED UNDER AN E.C.W.A. MAIN EXTENSION SPECIAL AGREEMENT.

LOCATION	TYPE OF WATERLINE	FIRE HYD.
ROAD NAME	8" PVC (C-900, DR-18)	
RAPIDS ROAD	250 LF	1 EA.
TOTAL =	250 LF	1 EA.

SIGNATURES:

THE PROPOSED WATER MAIN EXTENSION AND APPURTENANCES ARE APPROVED AS SHOWN.

EXECUTIVE ENGINEER OF E.C.W.A. _____ DATE _____

MR. TIMOTHY LAVOICAT, P.E. 8/11/26
TOWN ENGINEER, TOWN OF CLARENCE DATE

FIRE CHIEF 8/11/26
DATE

Paul C. Case

PAUL C. CASE, P.E. DATE: August 10, 2026
REGISTERED THROUGH 09/30/2026

	GPI Engineering Design Planning Construction Management (716) 633-4844 GPINET.COM
Greenman - Pedersen, Inc. 4950 Genesee Street, Suite 100 Buffalo, NY, 14225 NYS CERTIFICATE OF AUTHORIZATION #021533	

WNY-2600086.00	August 2026
----------------	-------------

Sheet List Table	
Sheet Number	Sheet Title
00	Cover Sheet
A-1	Existing Conditions Plan
01	Watermain Plan
02	Watermain Profile and Interconnection Detail
03	Water Details
04	Water Details

RECEIVED
AUG 10 2026
CLARENCE ENGINEERING

SHEET NO.
00

N:\2026\WNY-2600086.00 10650 RAPIDS ROAD WATER MAIN EXTENSION\CAD\Design Plans\A-1 Existing Conditions Plan.dwg Monday, 10 August 2026 11:04AM

PROJECT DESCRIPTION:

INSTALL THE PROPOSED EXTENSION OF ERIE COUNTY WATER AUTHORITY (E.C.W.A.) WATER DISTRIBUTION SYSTEM (OUTLINED BELOW) AND ALL NECESSARY APPURTENANCES WITHIN THE TOWN OF CLARENCE, NEW YORK. WORK SHALL BE PERFORMED UNDER AN E.C.W.A. MAIN EXTENSION SPECIAL AGREEMENT.

LOCATION	TYPE OF WATERLINE	
ROAD NAME	8" PVC (C-900, DR-18)	FIRE HYD.
RAPIDS ROAD	250 LF	1 EA.
TOTAL =	250 LF	1 EA.

SIGNATURES:

THE PROPOSED WATER MAIN EXTENSION AND APPURTENANCES ARE APPROVED AS SHOWN.
Leonard F. Karabek 8/11/2026
EXECUTIVE ENGINEER OF E.C.W.A. DATE

Timothy Kavocay 8/11/26
MR. TIMOTHY KAVOCAY P.E. DATE
TOWN ENGINEER, TOWN OF CLARENCE

[Signature] 8/11/26
FIRE CHIEF DATE

DIRECT SERVICE WATER DISTRICTS

APPROVED (X) APPROVED AS CORRECTED ()
NOT APPROVED () REVISE AND RESUBMIT ()

CHECKING OF THE DRAWINGS BY THE AUTHORITY ENGINEERS IS ONLY FOR THE PURPOSE OF ASCERTAINING COMPLIANCE WITH THE PHYSICAL ASPECTS OF GOOD WATER WORKS PRACTICES AND WITH CURRENT DISTRIBUTION SYSTEMS PLANNING.



ERIE COUNTY WATER AUTHORITY

BY *Leonard F. Karabek* DATE 8/11/2026
THIS APPROVAL EXPIRES THREE YEARS FROM THE DATE OF APPROVAL

NOTES:

- ALL EXISTING LINework (CONTOURS, UTILITIES, PAVEMENT LIMITS, ETC.) ARE APPROXIMATE AND ALL UTILITY LOCATIONS NEED TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- ORTHOIMAGERY IS DATED 2021 AND WAS ACQUIRED FROM THE NEW YORK STATE DISCOVER GIS DATA NY WEBSITE.
- CONTOURS SHOWN WERE GATHERED FROM THE TOWN OF CLARENCE FLYOVER TOPOGRAPHIC MAP (VERTICAL DATUM: NGVD 29).



GPI Engineering
Design
Planning
Construction Management
(716) 633-4844 GPINET.COM
Greenman - Pedersen, Inc.
4950 Genesee Street, Suite 100
Buffalo, NY 14225

PREPARED FOR

Doug Matusek
209 East Avenue
Akron, NY 14001

10650 Rapids Road Watermain Extension

10650 Rapids Road
Clarence, NY 14032



WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 2004 SUBDIVISION 2, STATE EDUCATION LAW ARE PROHIBITED

REVISIONS

DATE	REVISION

August 2026

DRAWN/DESIGN BY	CHECKED BY
JS	PC

Existing Conditions
Plan

SCALE: 1" = 40'

WNY-2600086.00

A-1

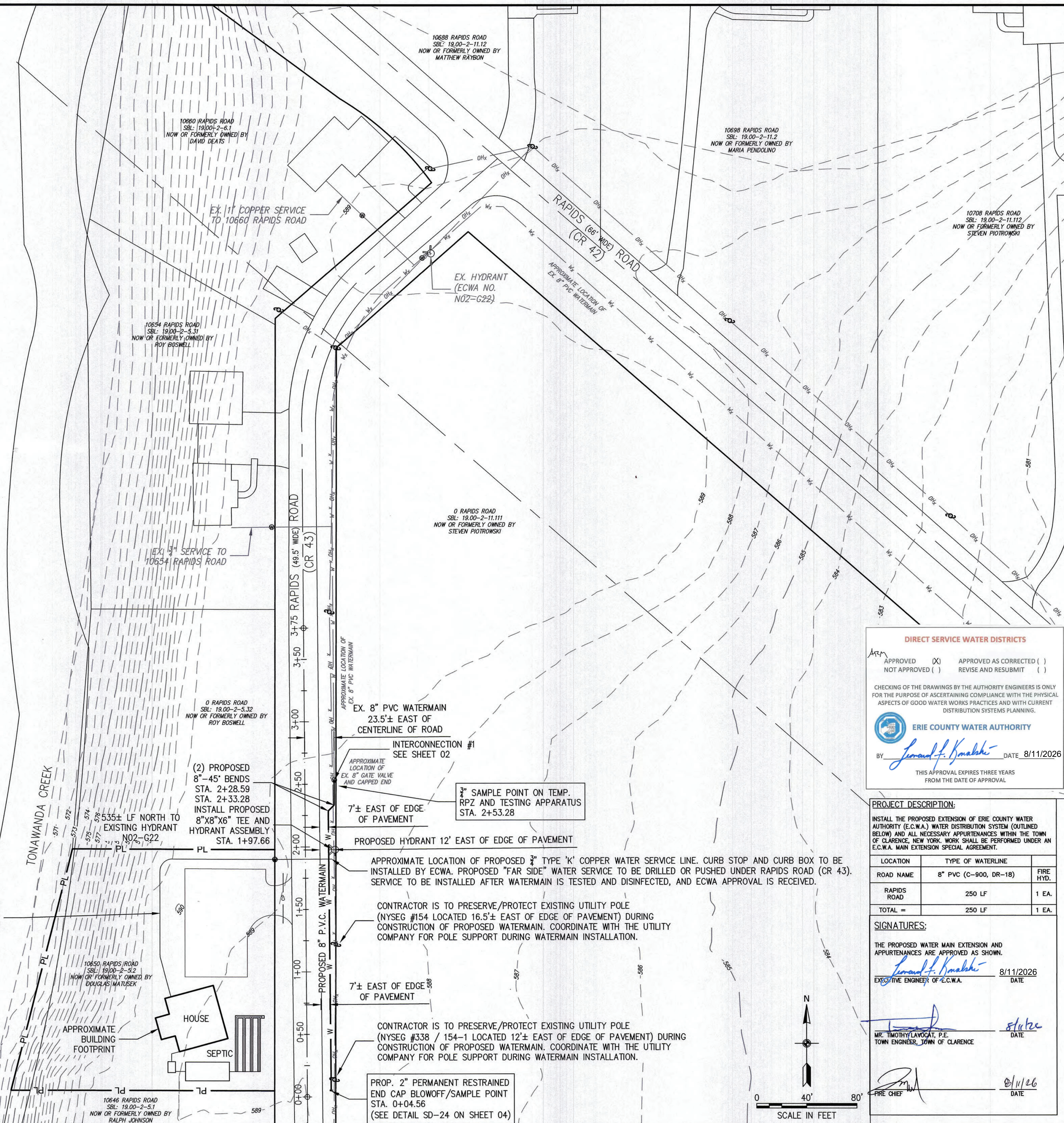
CONNECTION TO THE EXISTING 8" P.V.C. WATERLINE ALONG RAPIDS ROAD WILL BE USED AS WATER SOURCE FOR TESTING & DISINFECTION OF THE NEW 8" P.V.C. WATERLINE. CONTRACTOR TO INSTALL TEMPORARY PRESSURE TESTING AND DISINFECTION APPARATUS (SEE DETAILS) INCLUDING TEMPORARY PIPING, VALVES, RPZ BACKFLOW PREVENTION DEVICE (4" MIN.) AND OTHER EQUIPMENT AS NECESSARY TO COMPLETE FLUSHING, TESTING & DISINFECTION.

1. Written description.
2. Marked up plan sheets showing locations of RPZ, Sampling/Blowoff locations with sizes noted.
3. Certification for calibration of pressure gauge to be used for pressure test and pitot gauge.
4. NYSDOH 1013—report on test and maintenance of backflow prevention device.
5. Calculations for quantities of sodium hypochlorite (based on a chlorine concentration of 75 ppm) to be used for length and diameters of pipe included in the proposed test section and sodium thiosulfate.
6. MSDS for sodium hypochlorite and sodium thiosulfate.
7. Testing lab certifications (e.g., McAndrew, Biotrax).

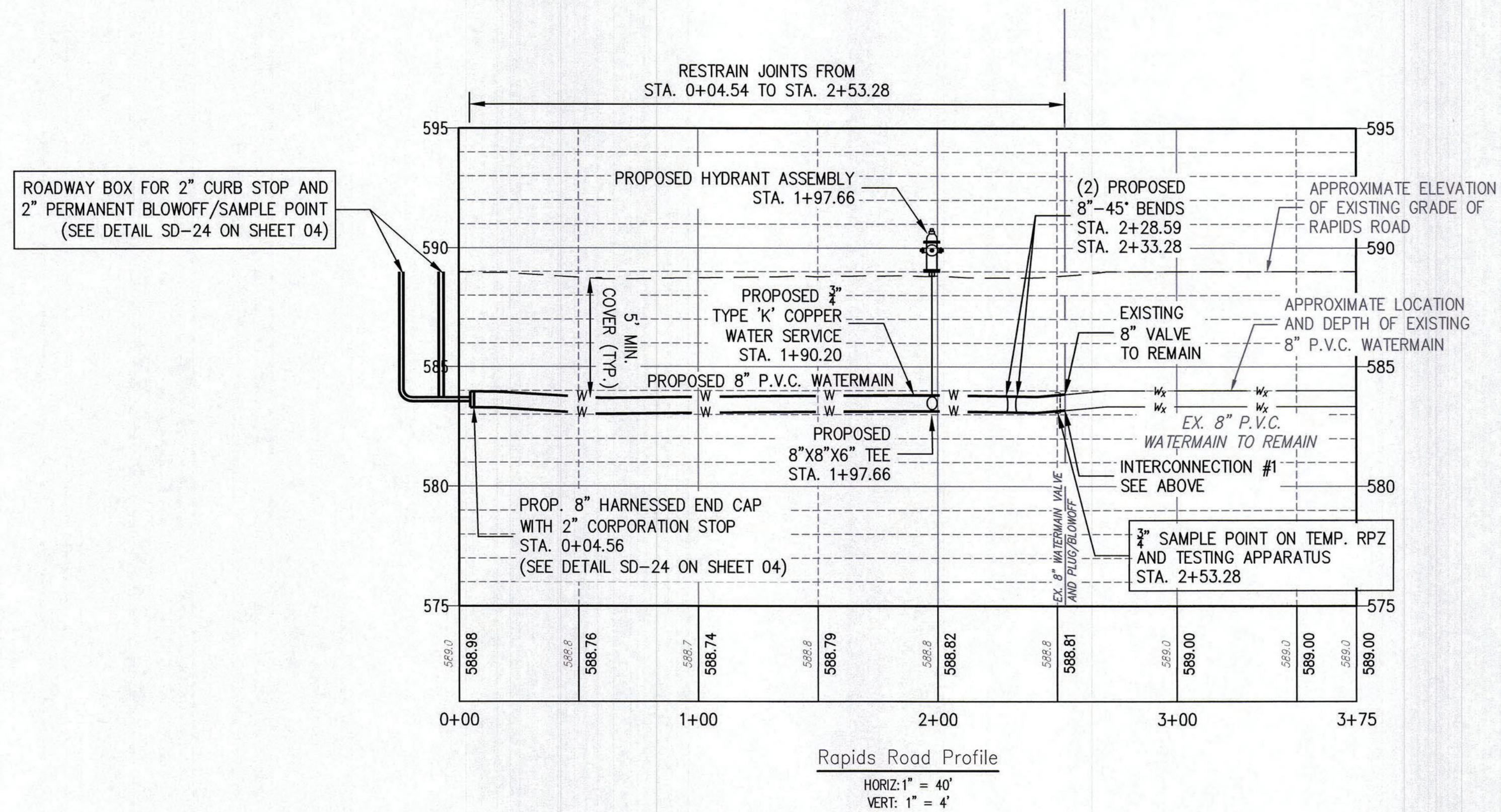
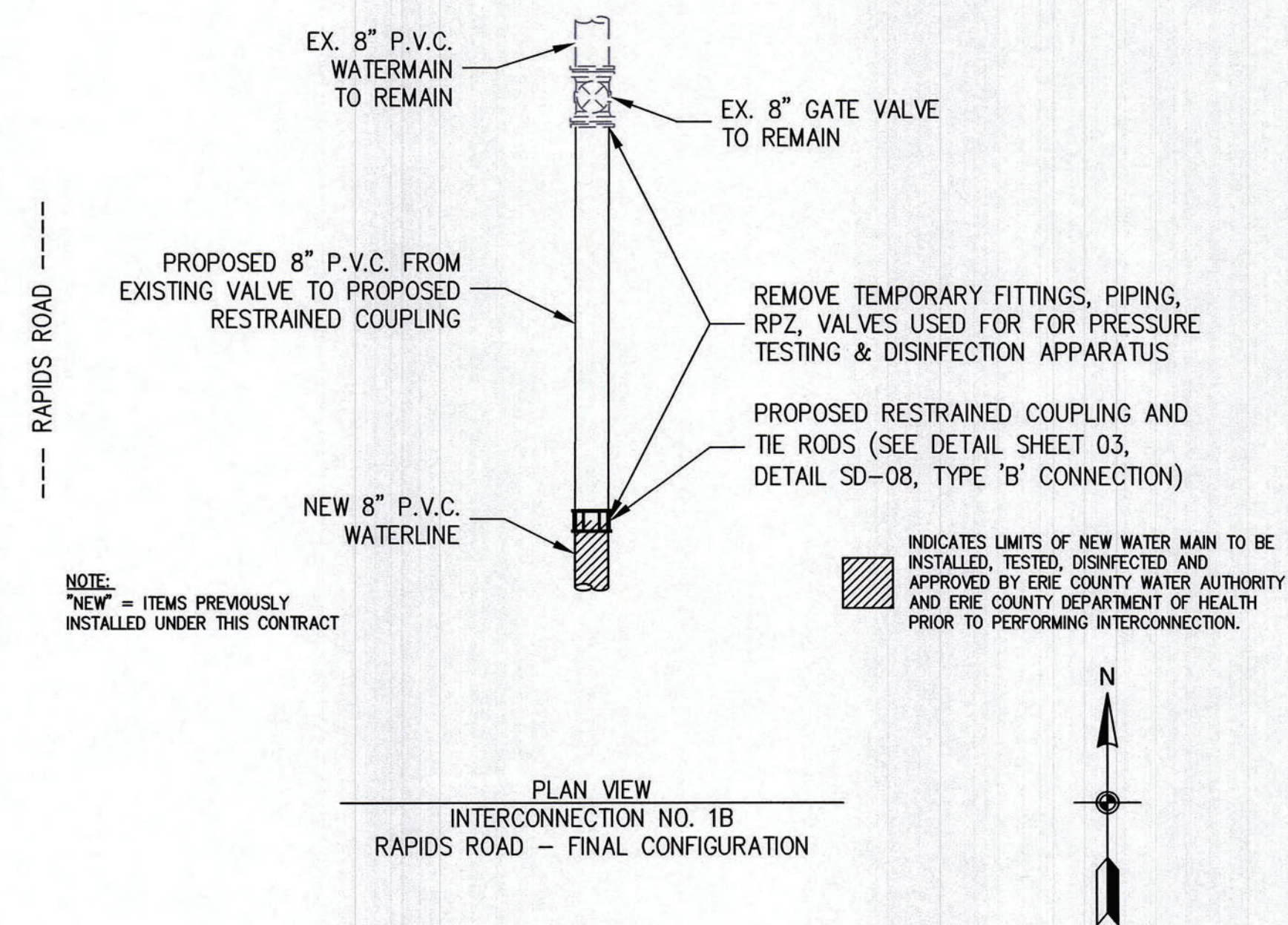
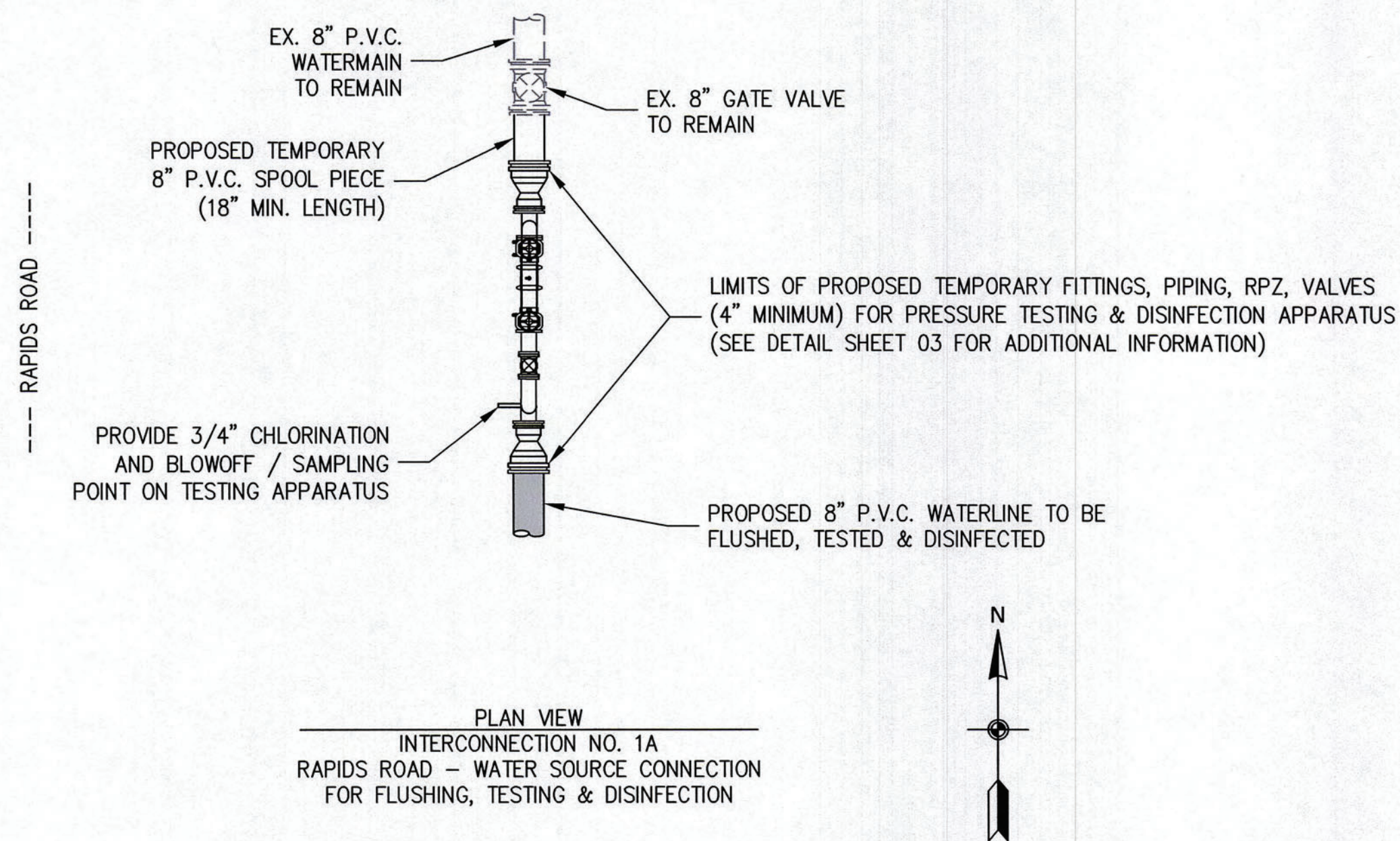
1. PRIOR TO STARTING WORK WITHIN THE RAPIDS ROAD (CR 43) RIGHT-OF-WAY (ROW), CONTRACTOR SHALL OBTAIN (AND FURNISH A COPY TO THE ENGINEER) A HIGHWAY WORK PERMIT FOR UTILITY WORK FROM ERIE COUNTY DEPARTMENT OF PUBLIC WORKS.
CONTACT: GARRETT HACKER, P.E., SENIOR CIVIL ENGINEER, PHONE: (716) 858-8371, EMAIL: GARRETT.HACKER@ERIE.GOV
2. THE CONTRACTOR IS TO CONTACT MARK JARMUZ AT ECWA (MJARMUZ@ECWA.ORG) FIVE (5) DAYS PRIOR TO START OF CONSTRUCTION.
3. ALL WATERLINE SHALL BE INSTALLED, TESTED AND DISINFECTED IN ACCORDANCE WITH ERIE COUNTY WATER AUTHORITY SPECIFICATIONS, DETAILS, AND REFERENCED STANDARDS THEREIN.
4. CONTRACTOR SHALL PROVIDE MAINTENANCE AND PROTECTION OF TRAFFIC IN ACCORDANCE WITH THE NYS DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
5. BEFORE PERFORMING EXCAVATIONS, CONTRACTOR SHALL CONTACT "811" UDIG-NY FOR MARKOUT OF EXISTING UTILITIES.
6. CONTRACTOR SHALL VERIFY EXACT DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
7. ~~/////~~ BACKFILL WITH MECHANICALLY TAMPED SELECT BACKFILL MATERIAL IN MAX. 6" LIFTS. REQUIRED FOR UNDERGROUND INFRASTRUCTURE UNDER OR WITHIN 5- FEET OF PAVEMENTS AND SLABS IN AREAS AS SHOWN AND/OR AS INDICATED IN THE APPLICABLE DETAILS.
8. D.I.P. (DUCTILE IRON PIPE) WATERLINE SHALL CONFORM TO ANSI/AWWA C151/A.21.51 SPECS. (CLASS 52).
9. P.V.C. (POLYVINYL CHLORIDE) WATERLINE PIPE SHALL CONFORM TO A.W.W.A. C-900 (DR-18) STANDARDS.
10. WATERLINE SHALL BE INSTALLED WITH A MINIMUM COVER OF 5.0' FROM EXISTING GRADE.
11. WHERE THE PROPOSED WATERLINE CROSSES EXISTING UTILITIES, AN 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED.
12. PIPING SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH A.W.W.A. C-600-17 FOR DUCTILE IRON WATERMAINS OR A.W.W.A. C-605-21 FOR P.V.C. PIPE WITH INSTALLATION AND TESTING AS PER A.W.W.A. MANUAL M-23.
13. WHERE GROUNDWATER IS WITHIN 7' OF FINISHED GRADE, HYDRANT WEEPHOLES ARE TO BE PLUGGED AND THE HYDRANTS TAGGED.
14. CONTRACTOR SHALL OBTAIN ECWA'S WRITTEN AUTHORIZATION (PROVIDE COPY TO ENGINEER) PRIOR TO MAKING ANY CONNECTIONS TO THE EXISTING WATERLINES.
15. CONTRACTOR SHALL NOT OPERATE ECWA'S EXISTING VALVES OR HYDRANTS UNLESS ECWA PROVIDES WRITTEN AUTHORIZATION (PROVIDE COPY TO ENGINEER)
16. ANTICIPATED AREA OF SOIL DISTURBANCE = 0.02± ACRES
17. EROSION AND SEDIMENT CONTROL MEASURES (IE. SILT FENCE/SOCK) ARE TO BE INSTALLED PRIOR TO COMMENCEMENT OF SOIL DISTURBANCE OPERATIONS. DISTURBED AREAS ARE TO BE RESTORED WITH 4" LAYER OF TOPSOIL, MULCHED, AND HYDROSEEDDED.

FIELD CONDITIONS MAY REQUIRE MINOR ALIGNMENT AND BEND LOCATION ADJUSTMENTS, WHICH WILL BE PERMITTED AS LONG AS ALL MINIMUM OFFSETS FROM OTHER UTILITIES AND MAXIMUM ALLOWABLE JOINT DEFLECTIONS ARE MAINTAINED.

1. ALL EXISTING LINework (CONTOURS, UTILITIES, PAVEMENT LIMITS, ETC.) ARE APPROXIMATE AND ALL UTILITY LOCATIONS NEED TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. ORTHOIMAGERY IS DATED 2021 AND WAS ACQUIRED FROM THE NEW YORK STATE DISCOVER GIS DATA NY WEBSITE.
3. CONTOURS SHOWN WERE GATHERED FROM THE TOWN OF CLARENCE FLYOVER TOPOGRAPHIC MAP (VERTICAL DATUM: NGVD 29).



GPI		Engineering Design Planning Construction Management					
(716) 633-4844		GPINET.COM					
Greenman - Pedersen, Inc. 4950 Genesee Street, Suite 100 Buffalo, NY 14225							
PREPARED FOR Doug Matusek 209 East Avenue Akron, NY 14001							
10650 Rapids Road Watermain Extension 10650 Rapids Road Clarence, NY 14032							
 WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 7209, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED.							
REVISIONS							
DATE							
REVISION							
NO.							
August 2026							
DRAWN/DESIGN BY JS				CHECKED BY PC			
Watermain Plan							
SCALE: 1" = 40'							
WNY-2600086.00							
01							



DIRECT SERVICE WATER DISTRICTS

APPROVED (X) NOT APPROVED ()

APPROVED AS CORRECTED () REVISE AND RESUBMIT ()

CHECKING OF THE DRAWINGS BY THE AUTHORITY ENGINEERS IS ONLY FOR THE PURPOSE OF ASCERTAINING COMPLIANCE WITH THE PHYSICAL ASPECTS OF GOOD WATER WORKS PRACTICES AND WITH CURRENT DISTRIBUTION SYSTEMS PLANNING.

ERIE COUNTY WATER AUTHORITY

BY Joseph F. Knebel DATE 8/11/2026

THIS APPROVAL EXPIRES THREE YEARS FROM THE DATE OF APPROVAL

PROJECT DESCRIPTION:

INSTALL THE PROPOSED EXTENSION OF ERIE COUNTY WATER AUTHORITY (E.C.W.A.) WATER DISTRIBUTION SYSTEM (OUTLINED BELOW) AND ALL NECESSARY APPURTENANCES WITHIN THE TOWN OF CLARENCE, NEW YORK. WORK SHALL BE PERFORMED UNDER AN E.C.W.A. MAIN EXTENSION SPECIAL AGREEMENT.

LOCATION	TYPE OF WATERLINE	FIRE HYD.
RAPIDS ROAD	8" PVC (C-900, DR-18)	1 EA.
TOTAL =	250 LF	1 EA.

SIGNATURES:

THE PROPOSED WATER MAIN EXTENSION AND APPURTENANCES ARE APPROVED AS SHOWN.

EXECUTIVE ENGINEER OF E.C.W.A. Joseph F. Knebel DATE 8/11/2026

MR. TIMOTHY CAVOCAT, P.E. Shulze DATE 8/11/2026
TOWN ENGINEER, TOWN OF CLARENCE

FIRE CHIEF Shulze DATE 8/11/2026

GPI Engineering Design Planning Construction Management
(716) 633-4844
Greenman - Pedersen, Inc.
4950 Genesee Street, Suite 100
Buffalo, NY 14225

PREPARED FOR
Doug Matusek
209 East Avenue
Akron, NY 14001

10650 Rapids Road Watermain Extension

10650 Rapids Road
Clarence, NY 14032

STATE OF NEW YORK
PAUL CHRISTOPHER CAST
080437
LICENSED PROFESSIONAL ENGINEER

WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 1705, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED

REVISIONS	
DATE	REVISION

August 2026

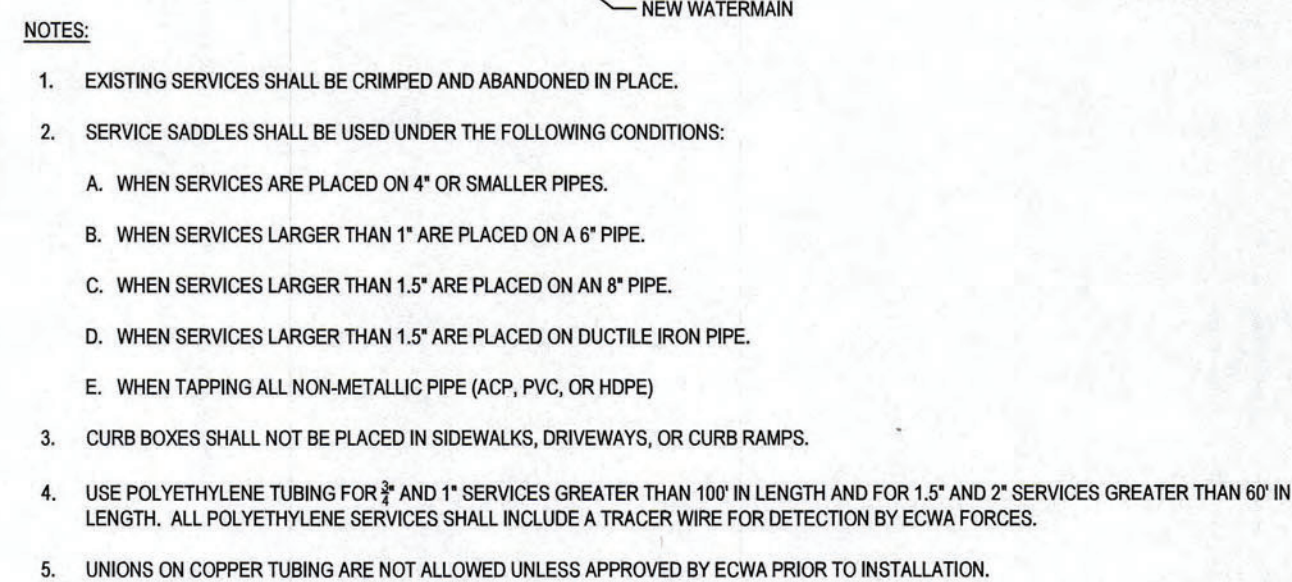
DRAWN/DESIGN BY	CHECKED BY
JS	PC

Watermain Profile and Interconnection Detail

SCALE: 1" = 40'

WNY-2600086.00

02



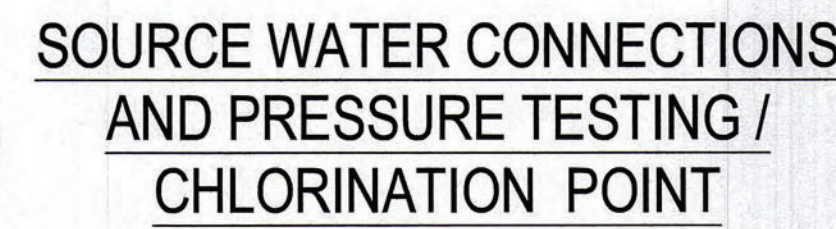
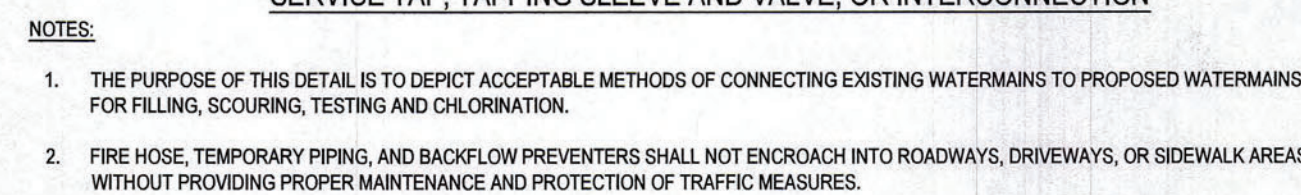
Revision:
2024-01

Detail:
SD-20



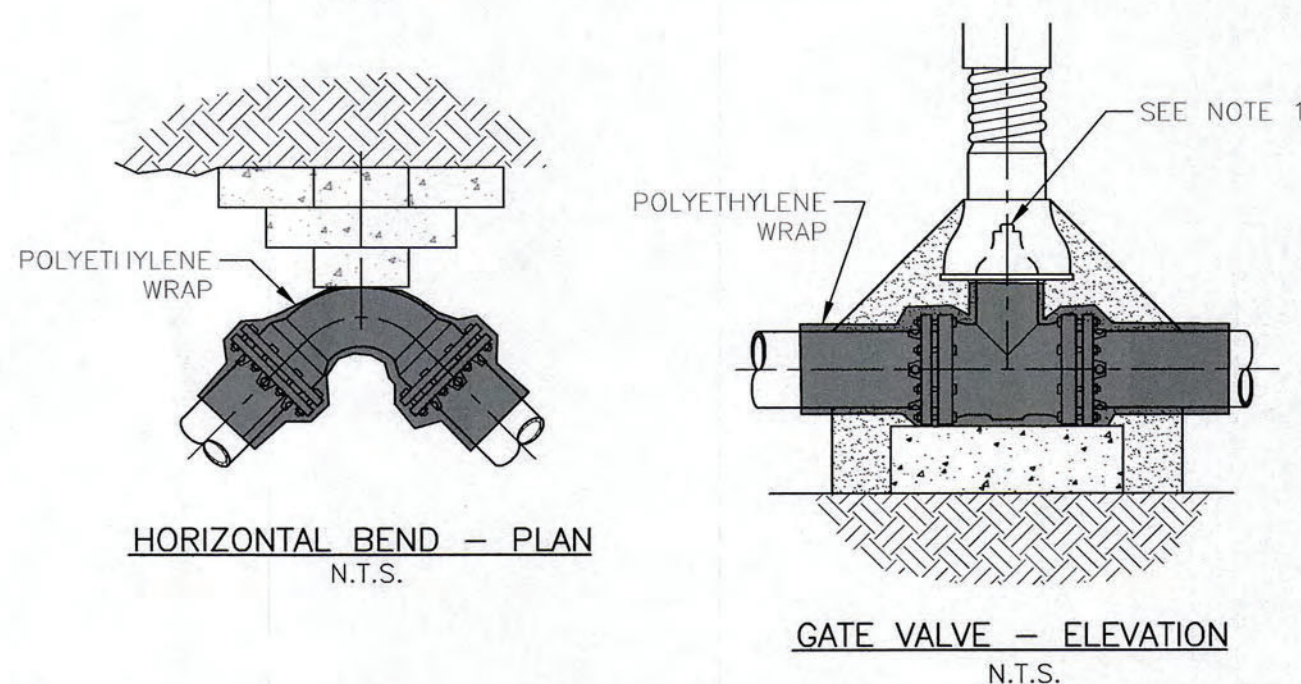
Revision:
2024-01

Detail:
SD-24



Revision:
2024-01

Detail:
SD-29

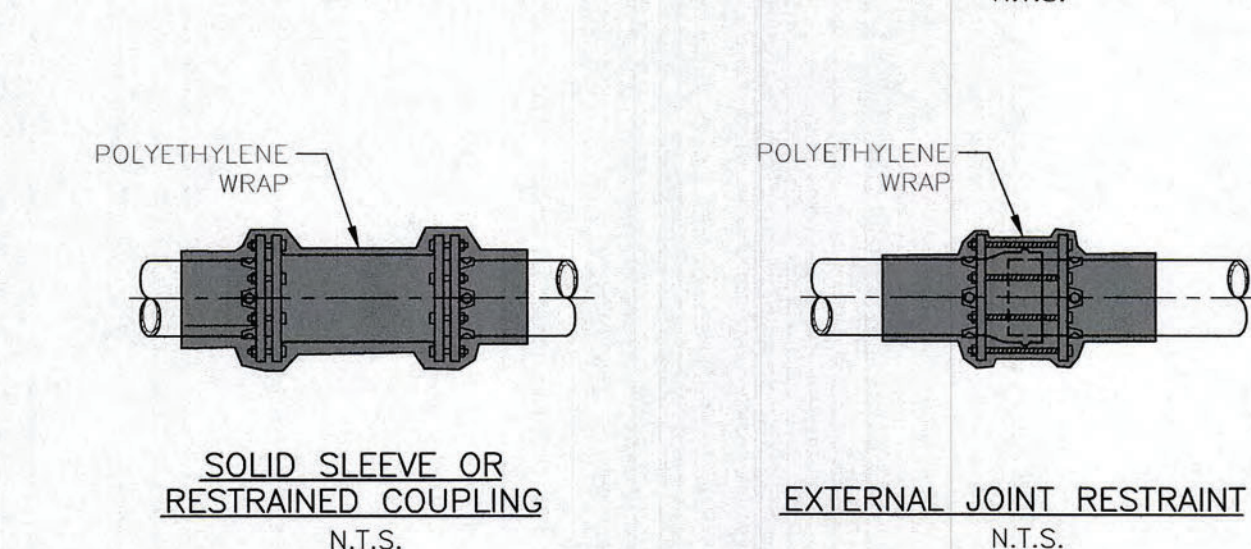


1. POLYETHYLENE WRAP IS TO BE PLACED AROUND THE ENTIRE FITTING, AND SECURED IN PLACE WITH POLYETHYLENE TAPE. PROVIDE SUFFICIENT SLACK SO THAT POLYETHYLENE WRAP IS NOT PUNCTURED DURING BACKFILL AND DOES NOT ENTRAP AIR. POLYETHYLENE WRAP IS NOT TO BE INSTALLED WITHIN 6 INCHES OF VALVE OPERATING NUT ON VALVES.
2. ALL FITTINGS TO BE POLYETHYLENE WRAPPED PRIOR TO BEDDING AND CONCRETE BLOCK PLACEMENT.
3. POLYETHYLENE WRAP IS TO BE EXTENDED A MINIMUM OF 12" PAST THE FITTING ON EACH END AND SECURED TO THE PIPE (OR POLYPROP IF DIP) WITH AT LEAST TWO CIRCUMFERENTIAL WRAPS OF POLYETHYLENE TAPE.

ERIE COUNTY
WATER AUTHORITY
BUFFALO, NEW YORK

STANDARD DETAIL POLYWRAPPING CAST/DUCTILE IRON FITTINGS

DWG. NO. SD39A	
DATE 3/18	REVISE 12/18



1. POLYETHYLENE WRAP IS TO BE PLACED AROUND THE ENTIRE FITTING, AND SECURED IN PLACE WITH POLYETHYLENE TAPE. PROVIDE SUFFICIENT SLACK SO THAT POLYETHYLENE WRAP IS NOT PUNCTURED DURING BACKFILL AND DOES NOT ENTRAP AIR. POLYETHYLENE WRAP IS NOT TO BE INSTALLED WITHIN 6 INCHES OF VALVE OPERATING NUT ON VALVES.
2. ALL FITTINGS TO BE POLYETHYLENE WRAPPED PRIOR TO BEDDING AND CONCRETE BLOCK PLACEMENT.
3. POLYETHYLENE WRAP IS TO BE EXTENDED A MINIMUM OF 12" PAST THE FITTING ON EACH LEG AND SECURED TO THE PIPE (OR POLYWRAP IF DIP) WITH AT LEAST TWO CIRCUMFERENTIAL WRAPS OF POLYETHYLENE TAPE.

ERIE COUNTY
WATER AUTHORITY
BUFFALO, NEW YORK

STANDARD DETAIL POLYWRAPPING CAST/DUCTILE IRON FITTINGS

DWG. NO. SD39B	
DATE 12/18	REVISED

A **temporary** sediment control practice composed of a degradable geotextile mesh tube filled with compost filter media to filter sediment and other pollutants associated with construction activity to prevent their migration offsite.

Compost filter socks can be used in many construction site applications where erosion will occur in the form of sheet erosion and there is no concentration of water flowing to the sock. In areas with steep slopes and/or rocky terrain, soil conditions must be such that good continuous contact between the sock and the soil is maintained throughout its length. For use on impervious surfaces such as road pavement or parking areas, proper anchorage must be provided to prevent shifting of the sock or separation of the contact between the sock and the pavement. Compost filter socks are utilized both at the site perimeter as well as within the construction areas. These socks may be filled after placement by blowing compost into the tube pneumatically, or filled at a staging location and moved into its designed location.

1. Compost filter socks will be placed on the contour with both terminal ends of the sock extended 8 feet upslope at a 45 degree angle to prevent bypass flow.
2. Diameters designed for use shall be 12" – 32" except

New York State Standards and Specifications
For Erosion and Sediment Control Page 5.7

November 2016

7. Compost filter socks shall be anchored in earth with two 2" x 2" wooden stakes driven 12" into the soil on 10' foot centers on the centerline of the sock. On uneven terrain, effective ground contact can be enhanced by the placement of a fillet of filter media on the disturbed area side of the compost sock.
 8. All specific construction details and material specifications shall appear on the erosion and sediment control construction drawings when compost filter socks are included in the plan.
- Maintenance**
1. Traffic shall not be permitted to cross filter socks.
 2. Accumulated sediment shall be removed when it reaches half the above ground height of the sock and disposed of in accordance with the plan.
 3. Socks shall be inspected weekly and after each runoff event. Damaged socks shall be repaired in the manner required by the manufacturer or replaced within 24 hours of inspection notification.
 4. Biodegradable filter socks shall be replaced after 6 months; photodegradable filter socks after 1 year. Polypropylene socks shall be replaced according to the manufacturer's recommendations.
 5. Upon stabilization of the area contributory to the sock, stakes shall be removed. The sock may be left in place and vegetated or removed in accordance with the stabilization plan. For removal the mesh can be cut and the compost spread as an additional mulch to act as a soil supplement.

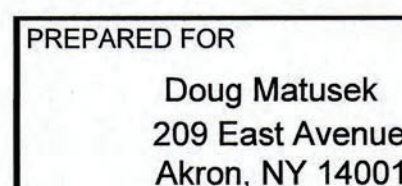
1. Traffic shall not be permitted to cross filter socks.
2. Accumulated sediment shall be removed when it reaches half the above ground height of the sock and disposed of in accordance with the plan.

Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Filament Polypropylene (MFFP)	Heavy Duty Multi-Filament Polypropylene (HDMFFP)
Material Characteristics	Photodegradable	Photodegradable	Biodegradable	Photodegradable	Photodegradable
Sock Diameters	12" 18"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"	12" 18" 24" 32"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	1/8"
Tensile Strength		26 psi	26 psi	44 psi	202 psi
Ultraviolet Stability % Original Strength (ASTM G-155)	23% at 1000 hr.	23% at 1000 hr.		100% at 1000 hr.	100% at 1000 hr.
Minimum Functional Longevity	6 months	9 months	6 months	1 year	2 years

Organic matter content	25% - 100% (dry weight)
Organic portion	Fibrous and elongated
pH	6.0 – 8.0
Moisture content	30% - 60%
Particle size	100% passing a 1" screen and 10 - 50% passing a 3/8" screen
Soluble salt concentration	5.0 dS/m (mmhos/cm) maximum

November 2016

Page 5.8

New York State Standards and Specifications
For Erosion and Sediment Control

10650 Rapids Road Watermain Extension

110650 Rapids Road
Clarence, NY 14032



WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 7209, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED.

DATE							
REVISION							
NO.							
August 2026							
DRAWN/DESIGN BY				CHECKED BY			
JS				PC			

Water Details

SCALE: 1" = 40'

WNY-2600086.00

04