



ERIE COUNTY WATER AUTHORITY
INTEROFFICE MEMORANDUM
July 8, 2025

To: Terrence D. McCracken, Secretary to the Authority

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

Subject: Strickler Road Main Extension
EC 7496
ECWA File No. CLTN-854-2501
ECWA Project No. 202500051

Legal has prepared an agreement for a Main Extension by Special Agreement between the Authority and John D. Hawkins (Owner) and Visone Co Site Development, LLC (Contractor), for a main extension along Strickler 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 530± LF of 8-inch PVC watermain and two (2) public fire hydrants along Strickler 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:jmf
Attachments
cc: L.Kowalski

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

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

Description: _____

Item Description:

Choose one:

Other: _____

Action Requested:

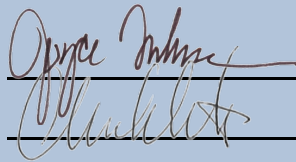
Choose one:

Other: _____

Approvals Required:

APPROVED AS TO CONTENT:

Chief Financial Officer



Date: 07/08/2025

Chief Operating Officer



Date: 07/08/2025

Claims Rep. – Risk Manager

Date: _____

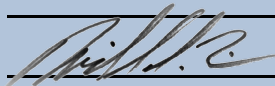
Comptroller

Date: _____

Director of Administration

Date: _____

Director of Distribution



Date: 7/8/2025

Director of Human Resources

Date: _____

Director of IT

Date: _____

Director of Production

Date: _____

Director of Water Quality

Date: _____

Executive Engineer



Date: 7/10/2025

General Counsel (Legal)



Date: 7/8/2025

Other: _____

Date: _____

APPROVED FOR BOARD RESOLUTION:

Secretary to the Authority



Date: 7/14/2025

Remarks: _____

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 **JOHN D. HAWKINS**, 6555 Ashford Court, East Amherst, New York, 14051 (hereinafter “Owner Applicant”) and **VISIONECO SITE DEVELOPMENT, LLC**, 9829 Main Street, Clarence, New York, 14031, (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 530 +/- linear feet of 8-inch PVC watermain along Strickler Road, Town of Clarence, under an Erie County Water Authority Main Extension Special Agreement.

INSTALL two (2) public fire hydrants along Strickler Road, Town of Clarence, under an Erie County Water Authority Main Extension Special Agreement.

Strickler Road

BEGINNING at the end of the existing watermain along Strickler Road, at station 4+50, thence northerly a distance of approximately 530 +/- linear feet within existing right-of-way of Strickler Road, ending with blow-off at station 9+65.

AS SHOWN and noted on Greenman Pedersen Inc.’s drawing of Strickler Road, Town of Clarence, dated April 30, 2025.

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 _____, 2025.
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.

JOHN D. HAWKINS

JOHN D. HAWKINS, Individually as Owner

VISONECO SITE DEVELOPMENT, LLC

TOM CELIK, Chief Operating Officer

ERIE COUNTY WATER AUTHORITY

JEROME D. SCHAD, Chair

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

On this ____ day of _____, 2025, before me personally came JOHN D. HAWKINS, 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 _____, 2025, before me personally came, TOM CELIK, to me known, who being by me duly sworn, did depose and say that he resides at _____; that he is the Chief Operating Officer of VISONECO SITE DEVELOPMENT, LLC, a New York domestic limited liability company.

Notary Public - State of New York

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

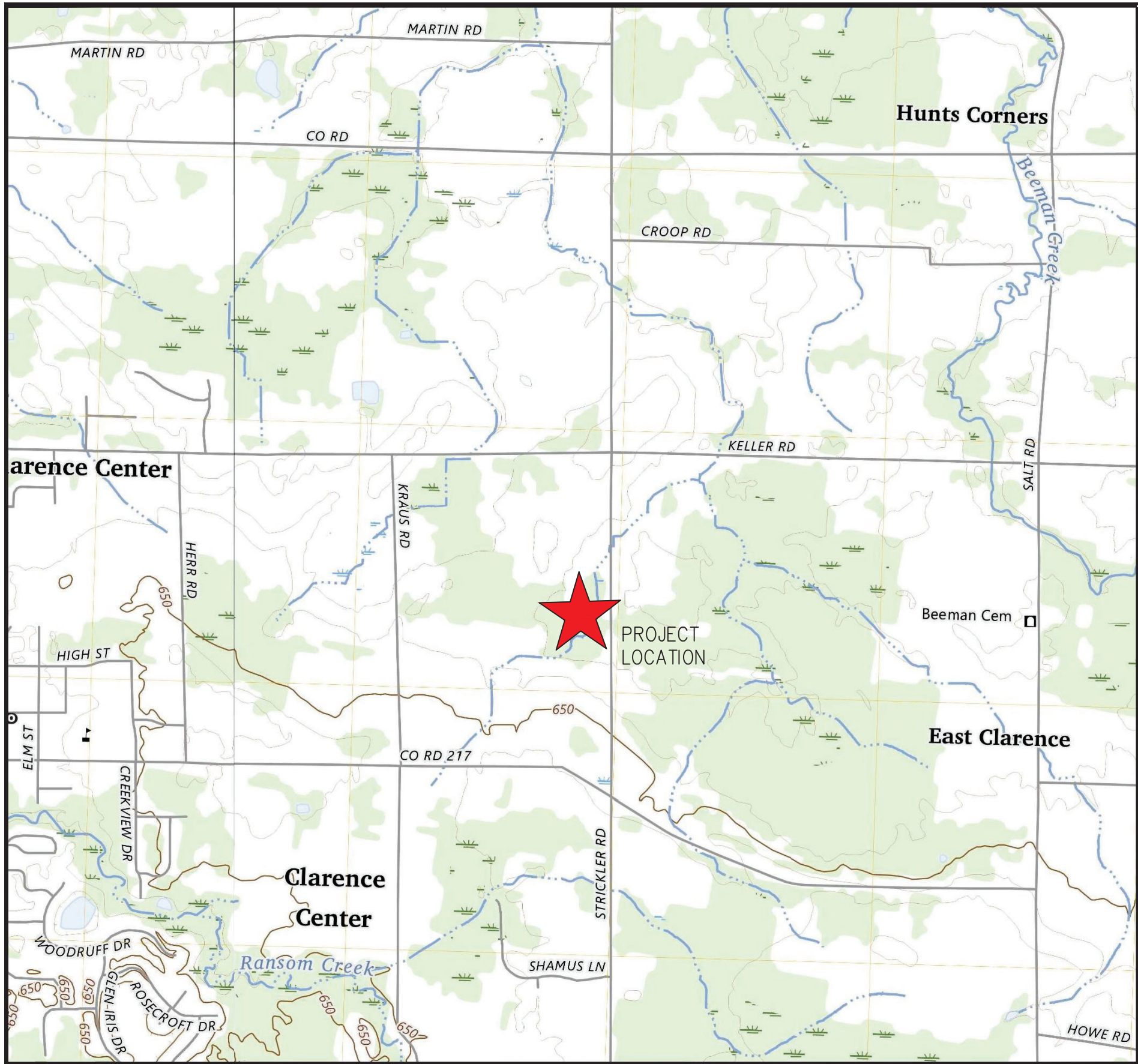
On this__ day of _____, 2025 before me personally came JEROME D. SCHAD, to me known, who being by me duly sworn did depose and say that he resides in Amherst, New York, that he is the Chairman of the ERIE COUNTY WATER AUTHORITY, the corporation named in the foregoing indenture; that he knows the seal 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

6150 Strickler Road Watermain Extension

John Hawkins

6150 Strickler Road
Clarence, NY 14031




PROJECT LOCATION MAP
N.T.S.


Sheet List Table	
Sheet Number	Sheet Title
00	COVER SHEET
01	EXISTING CONDITIONS PLAN
02	WATER PLAN
03	WATER PROFILE
04	WATER DETAILS
05	WATER DETAILS

N:\2024\WNY-2400118.00 6150 STRICKLER ROAD WATERMAIN EXTENSION\CAD\Design Plans\00 Cover Sheet.dwg Wednesday, 30 April 2025 10:16AM

PREPARED FOR

John Hawkins
6555 Ashford Court
East Amherst, NY 14051


PAUL C. CASE, P.E.
REGISTERED THROUGH 09/30/2026


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


GPI
(716) 633-4844
Greenman - Pedersen, Inc.
4950 Genesee Street, Suite 100
Buffalo, NY, 14225
NYS CERTIFICATE OF AUTHORIZATION #021533

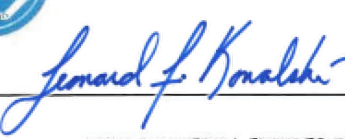
Engineering
Design
Planning
Construction Management
GPINET.COM

DIRECT SERVICE WATER DISTRICTS

APPROVED ☒ 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  DATE 5/14/2025

THIS APPROVAL EXPIRES THREE YEARS FROM THE DATE OF APPROVAL

1. ALL EXISTING LINWORK (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).



<div style="display: inline-block; vertical-align: middle; text-align: left;"> Engineering Design Construction Management </div>							
(716) 633-4844							
Greenman - Pedersen, Inc. 4950 Genesee Street, Suite 100 Buffalo, NY, 14225							
PREPARED FOR John Hawkins 6555 Ashford Court East Amherst, NY 14051							
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;"> 6150 Strickler Road Watermain Extension </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 1.5em; font-weight: bold;"> 6150 Strickler Road Clarence, NY 14031 </div> </div>							
<p style="font-size: 0.8em; margin-top: 5px;"> WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 2205, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED. </p>							
REVISIONS							
DATE							
NO.	REVISION						
November 2024							
DRAWN/DESIGN BY				CHECKED BY			
JJS				JB			
<div style="font-size: 1.5em; font-weight: bold; margin-bottom: 10px;">EXISTING</div> <div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">CONDITIONS PLAN</div> <div style="color: red; font-weight: bold; margin-bottom: 10px;">REVIEW SET – NOT ISSUED FOR CONSTRUCTION</div> <div style="font-weight: bold;">SCALE:</div> <div style="text-align: center; font-size: 1.2em;">1" = 60'</div> <div style="text-align: center; font-weight: bold; margin-top: 10px;">WNY-2400118.00</div> <div style="text-align: center; font-size: 2em; font-weight: bold; margin-top: 10px;">01</div>							

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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).

PROP. 2" PERMANENT RESTRAINED
END CAP BLOWOFF/SAMPLE POINT
(SEE DETAIL SD-24 ON SHEET 05)

6150
STRICKLER
ROAD

PROPOSED HYDRANT ASSEMBLY
STA. 9+50.61
CONTRACTOR TO SCOUR THE
PROPOSED MAIN UTILIZING THE
PROPOSED HYDRANT

EXISTING STONE

EX. 40± LF 24" HDPE
CULVERT PIPE APPROX. 22' —
WEST OF EDGE OF PAVEMENT

6150 STRICKLER ROAD
SBL: 45.00-2-31.222
NOW OR FORMERLY OWNED BY
JOHN HAWKINS

INSTALL SILT FENCE AT TOW OF
SLOPE ALONG STRICKLER ROAD TO
STOP SPOILS FROM ENTERING
EXISTING DRAINAGE DITCHES

00' WIDE EASEMENT TO NEW YORK STATE
ELECTRIC AND GAS CORPORATION
L. 7511, P. 635

C/E ——— C/E ———
TO FRONTIER PIPE LINE COMPANY, INC.
L. 7796, P. 535

PARK ENTRANCE

RIKE DATU

SAMPLE POINT ON TEMP. RPZ
AND TESTING APPARATUS
STA. 4+58.02

8"-45° BEND -
STA. 4+54.51

6100 STRICKLER ROAD
SBL: 45.17-1-1
NOW OR FORMERLY OWNED BY:
PATRICK C ANTHONY

RECONNECTION #1
SEE SHEET 03

8"-45° BEND
STA. 4+71.92

3/4" COPPER SERVICE

APPROXIMATE LOCATION
OF END OF EX. 8" P.V.C.
WATERMAIN

APPROXIMATE LOCATION OF
EX. 12" HDPE CULVERT

6095 STRICKLER ROAD
SBL: 45.17-2-1
NOW OR FORMERLY OWNED BY
MICHAEL G YACOS

6090 STRICKLER ROAD
SBL: 45.17-1-2
NOW OR FORMERLY OWNED BY
CARLOS CALCADOR

6080 STRICKLER ROAD
SBL: 45.17-1-3
NOW OR FORMERLY OWNED BY
BRIAN B. WOOD

EXISTING HYDRANT IS
APPROXIMATELY 105 LF SOUTH
OF THE SOUTHERN PROPERTY
LINE OF 6080 STRICKLER ROAD

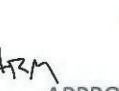
6075 STRICKLER ROAD
SBL: 45.17-2-3
NOW OR FORMERLY OWNED BY
MARTIN F DAVIS

DIRECT SERVICE WATER DISTRICTS

Arren

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 *Louise J. Kneale* DATE 5/14/2025

THIS APPROVAL EXPIRES THREE YEARS
FROM THE DATE OF APPROVAL

GPI | Engineering
Design
Planning
Construction Management

(716) 633-4844 **GPI.NET.COM**

Greenman - Pedersen, Inc.
4950 Genesee Street, Suite 100
Buffalo, NY, 14225

PREPARED FOR

John Hawkins
6555 Ashford Court
East Amherst, NY 14051

6150 Strickler Road Watermain Extension

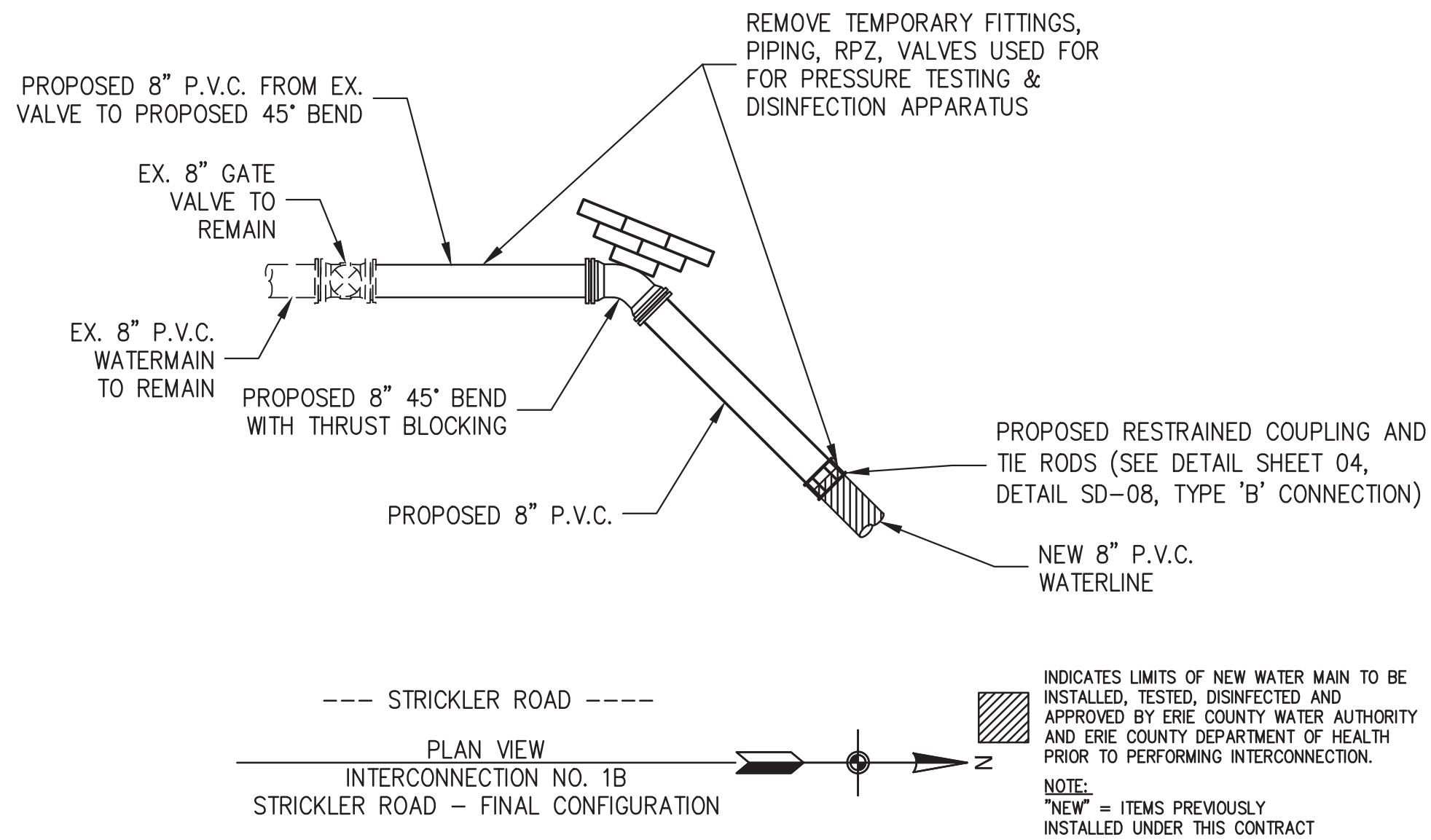
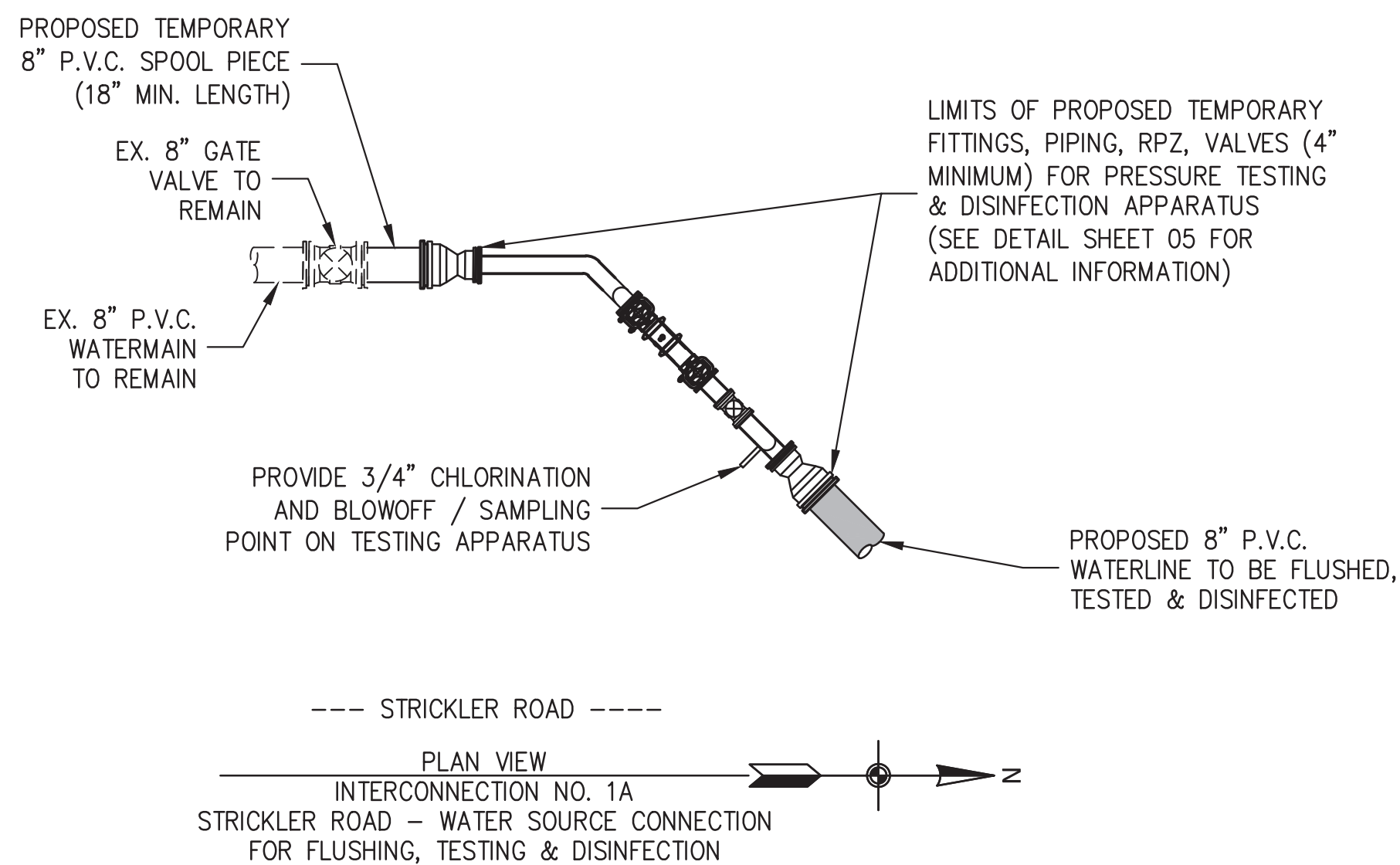
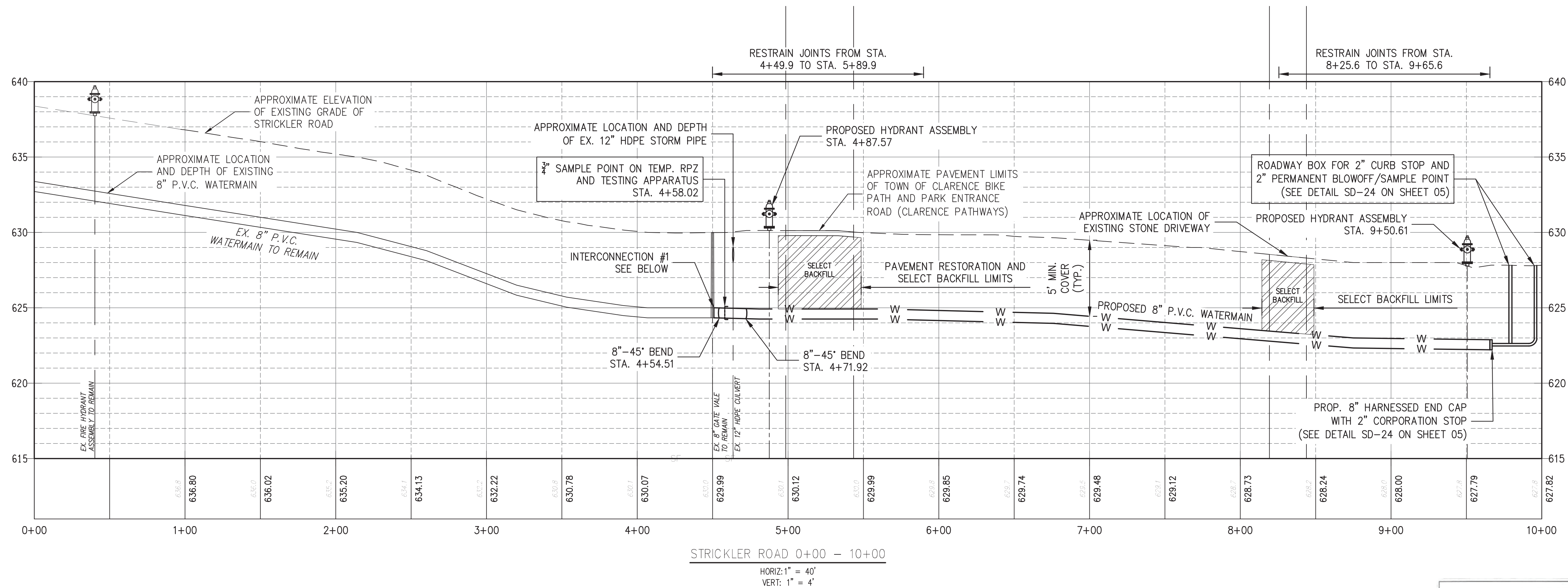
6150 Strickler Road
Clarence, NY 14031

[illegible]

<h1>WATER PLAN</h1>	
<p>REVIEW SET – NOT ISSUED FOR CONSTRUCTION</p>	
SCALE:	1" = 40'
WNY-2400118.00	
02	

\\2024\WNY-2400118.00 6150 STRICKLER ROAD WATERMAIN EXTENSION\CAD\Design Plans\02 WATER PLAN.dwg Wednesday, 30 April 2025 10:17AM

N:\2024\WNY-2400118.00 6150 STRICKLER ROAD WATERMAIN EXTENSION(CAD)\Design Plans\03 WATER PROFILE.dwg Wednesday, 30 April 2025 10:17AM



DIRECT SERVICE WATER DISTRICTS	
APPROVED	(X) APPROVED AS CORRECTED ()
NOT APPROVED ()	REVISE AND RESUBMIT ()
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ERIE COUNTY WATER AUTHORITY	
BY: <i>Jonas F. Kralch</i>	DATE: 5/14/2025
THIS APPROVAL EXPIRES THREE YEARS FROM THE DATE OF APPROVAL	

GPI

Engineering
Design
Planning
Construction Management

(716) 633-4844

GPINET.COM

Greenman - Pedersen, Inc.

4950 Genesee Street, Suite 100

Buffalo, NY, 14225

PREPARED FOR

John Hawkins

6555 Ashford Court

East Amherst, NY 14051

6150 Strickler Road Watermain Extension

6150 Strickler Road

Clarence, NY 14031

WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 709, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED.

REVISIONS				
NO.	DATE	REVISION	Added Hydrant Per ECWA Comments	Rev. per ECWA Comments
2			4/29/25	
1				3/11/25

November 2024

DRAWN/DESIGN BY: JJS

CHECKED BY: JB

WATER PROFILE

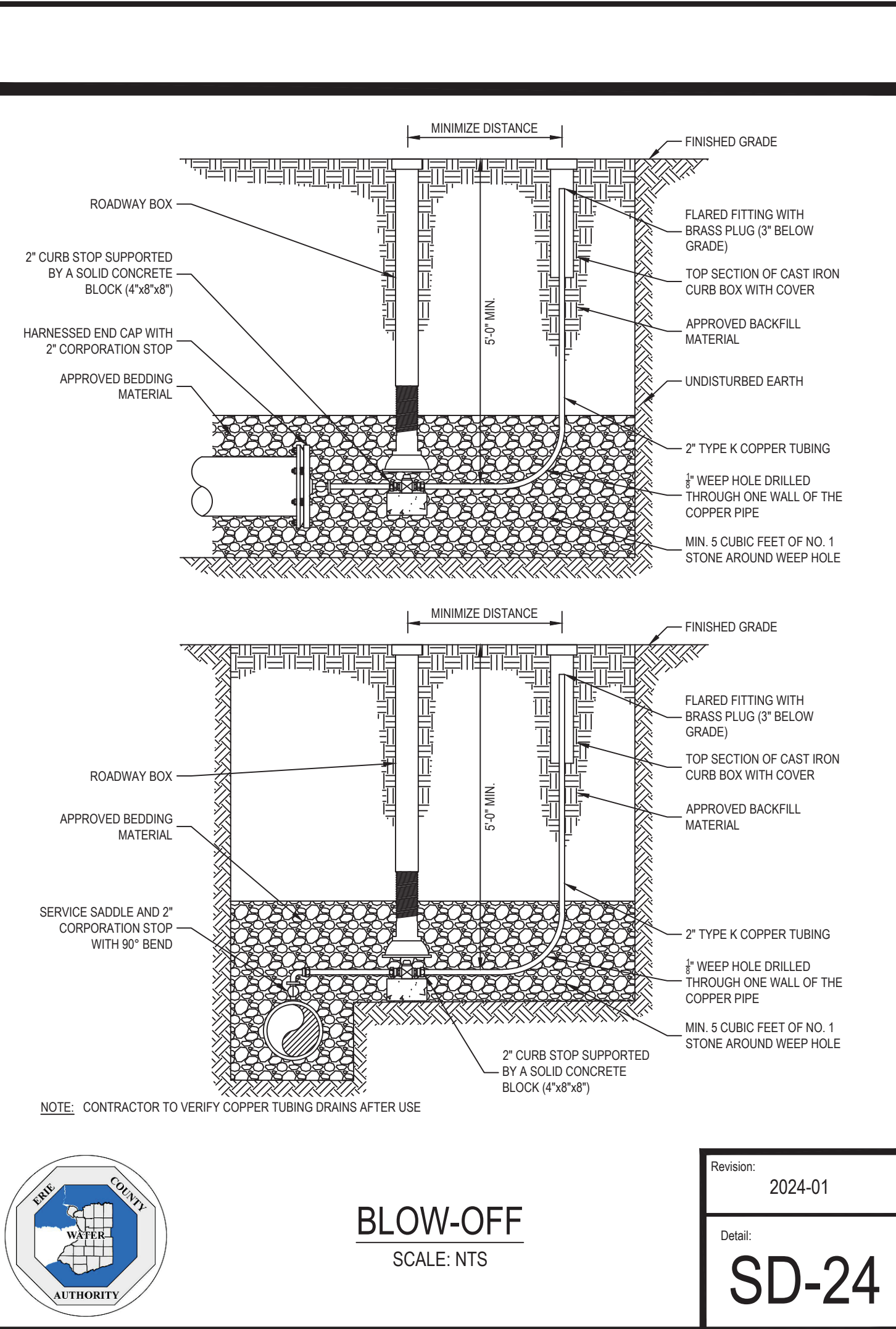
REVIEW SET – NOT ISSUED FOR CONSTRUCTION

SCALE: As Noted

WNY-2400118.00

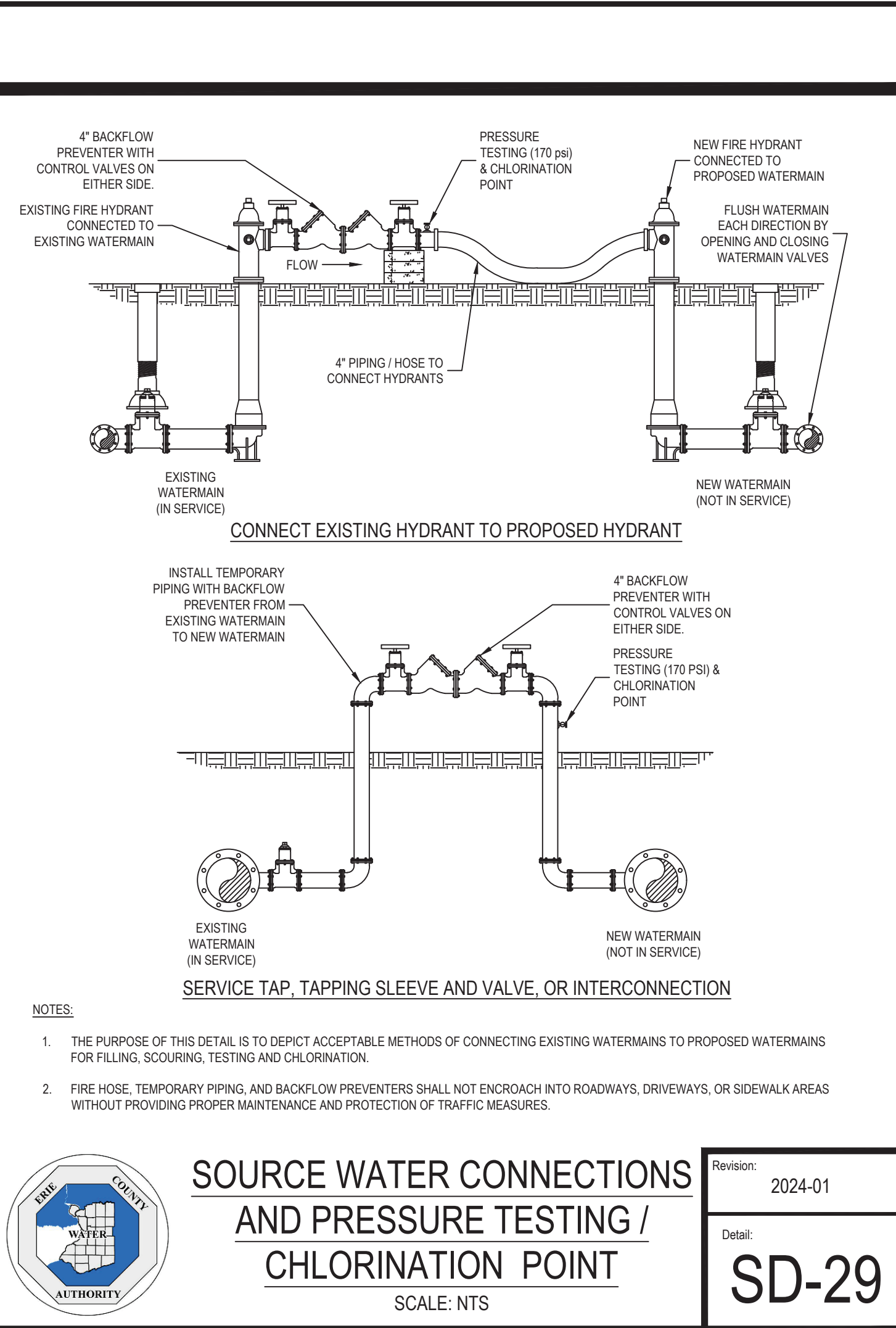
03

N:\2024\WNY-2400118.00 6150 Strickler Road Watermain Extension\CAD\Design Plans\04 WATER DETAILS.dwg Wednesday, 30 April 2025 10:17AM



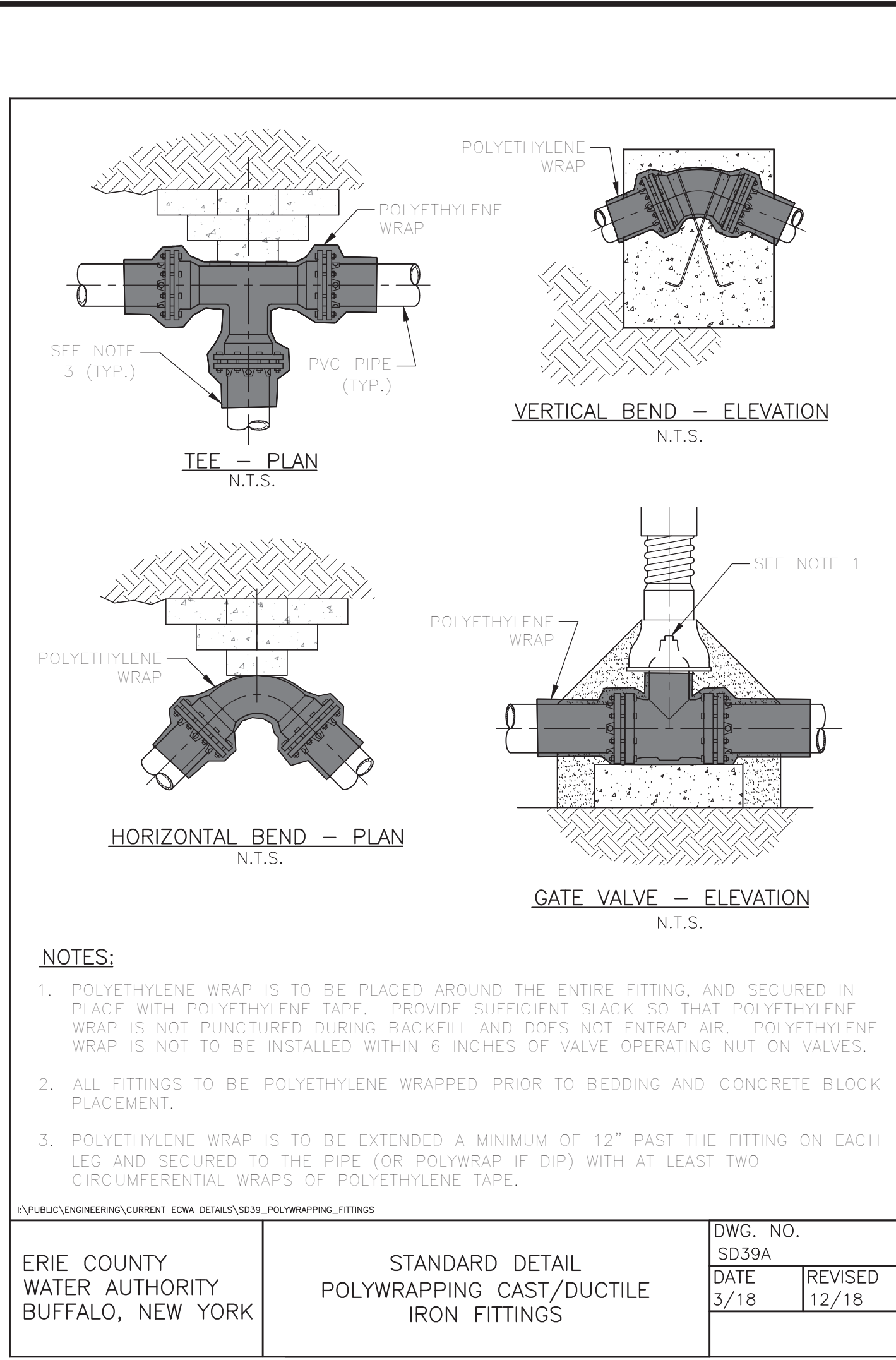
BLOW-OFF
SCALE: NTS

Revision: 2024-01
Detail: **SD-24**

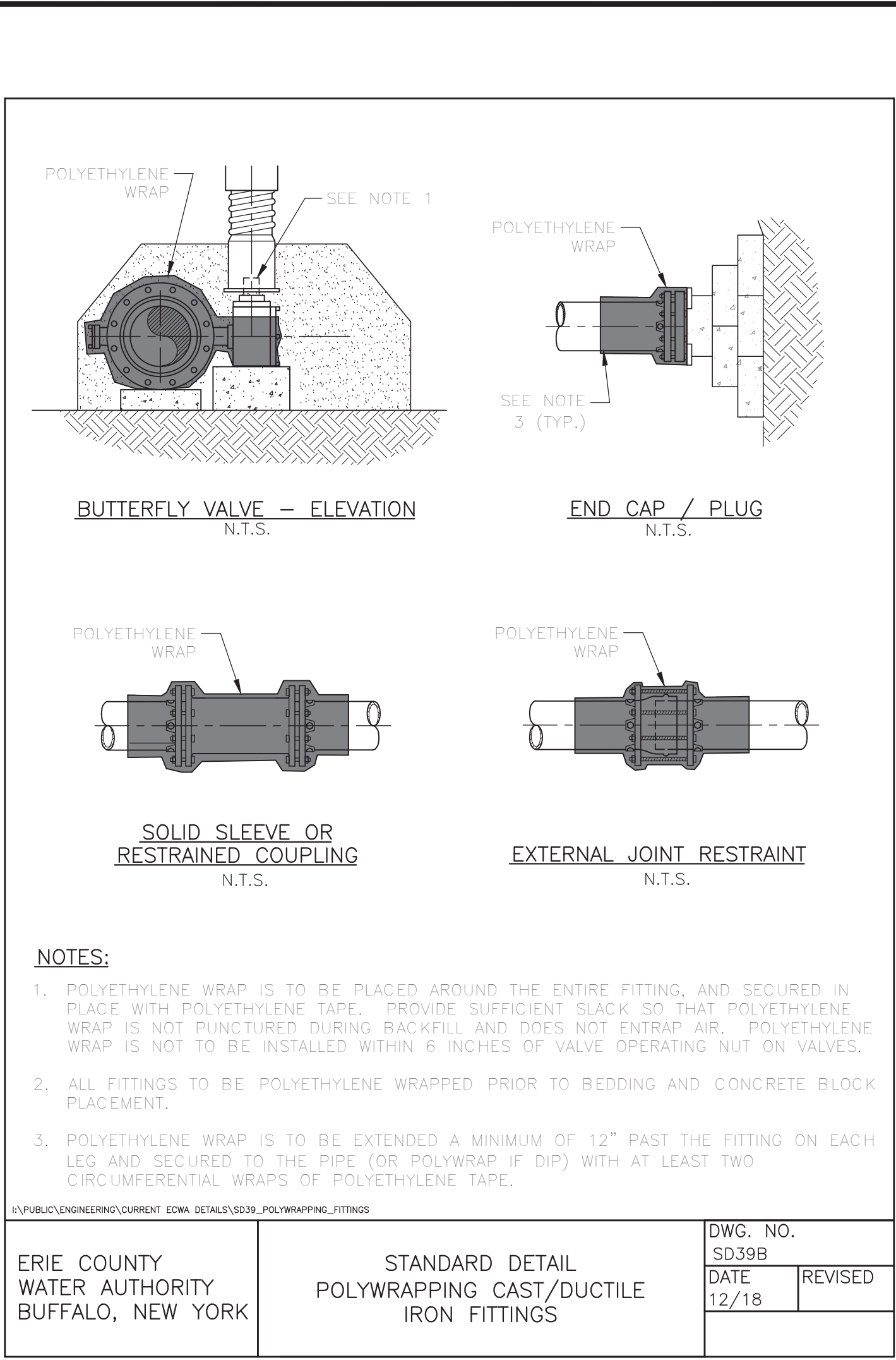


**SOURCE WATER CONNECTIONS
AND PRESSURE TESTING /
CHLORINATION POINT**
SCALE: NTS

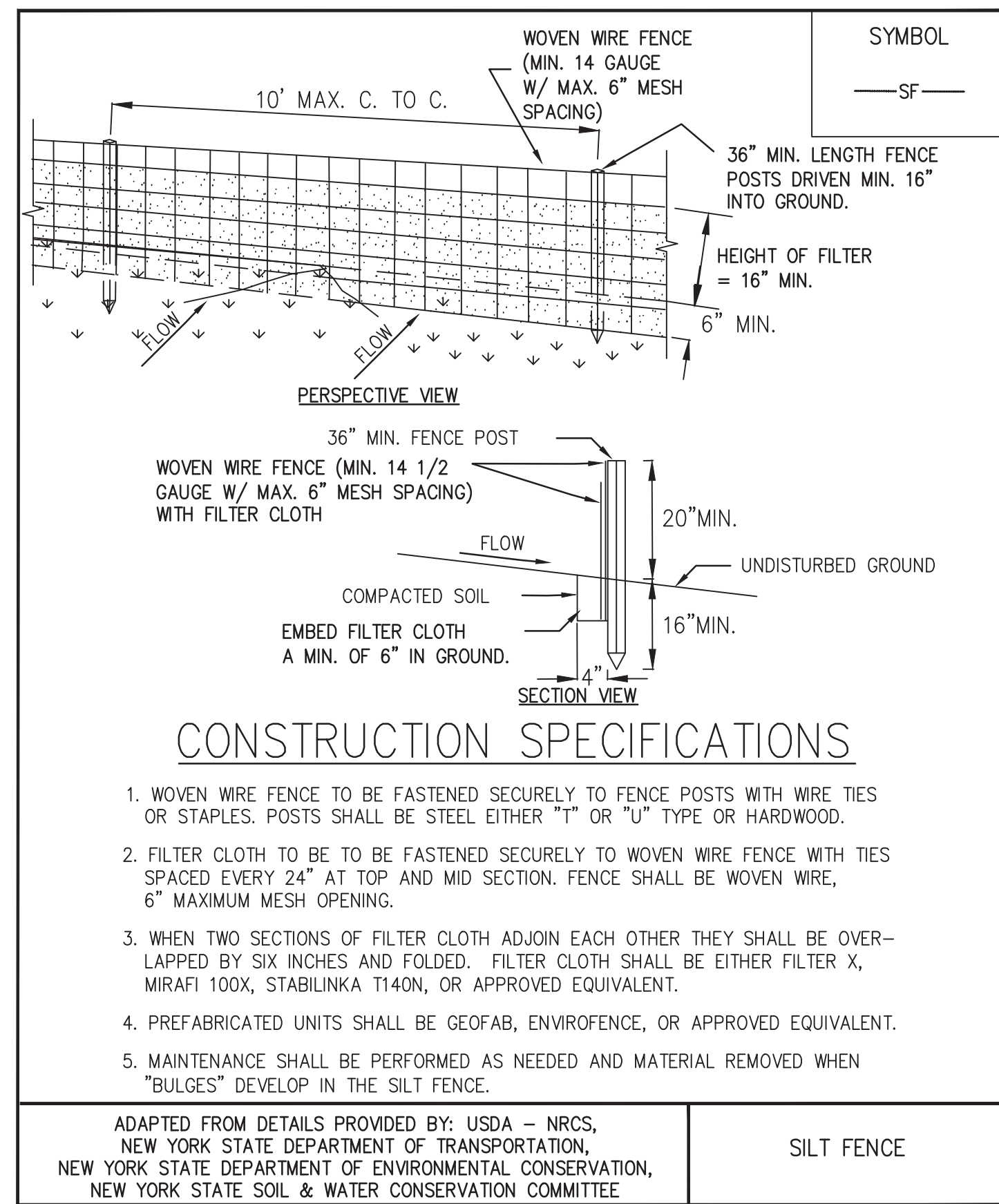
Revision: 2024-01
Detail: **SD-29**



TEE, HORIZONTAL BEND, AND GATE VALVE
SCALE: NTS



**BUTTERFLY VALVE, SOLID SLEEVE OR
RESTRAINED COUPLING, AND EXTERNAL
JOINT RESTRAINT**
SCALE: NTS

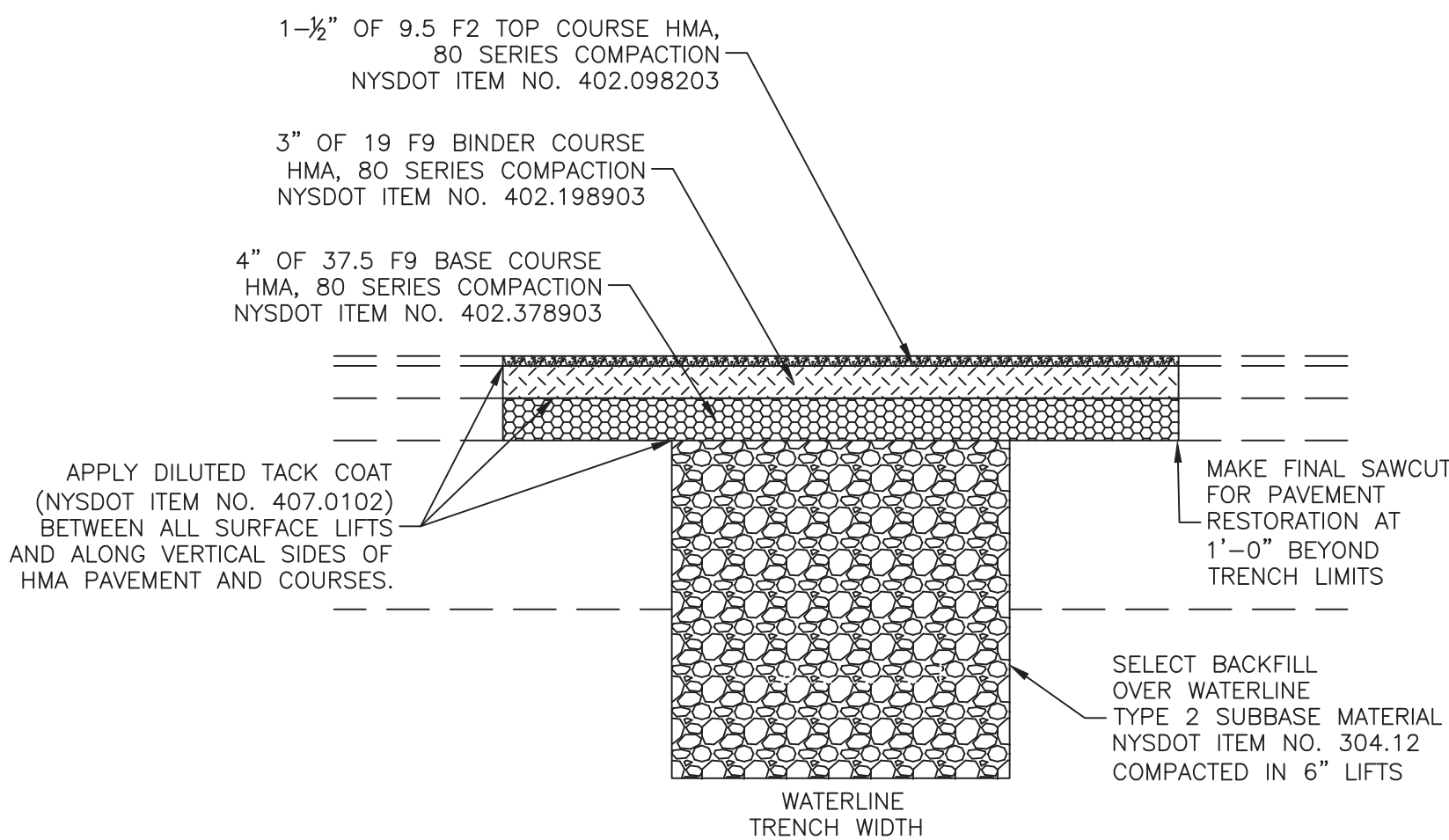


CONSTRUCTION SPECIFICATIONS

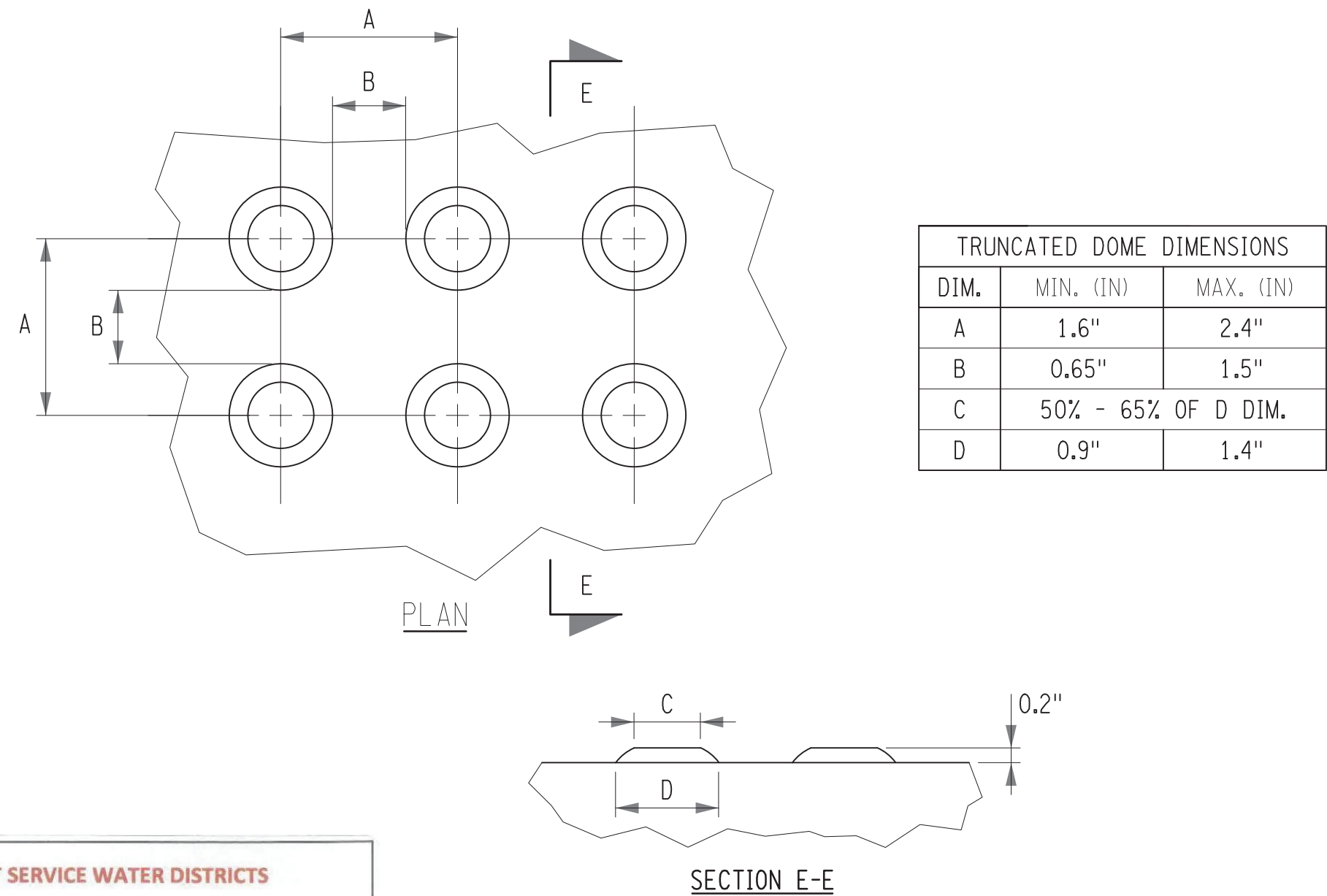
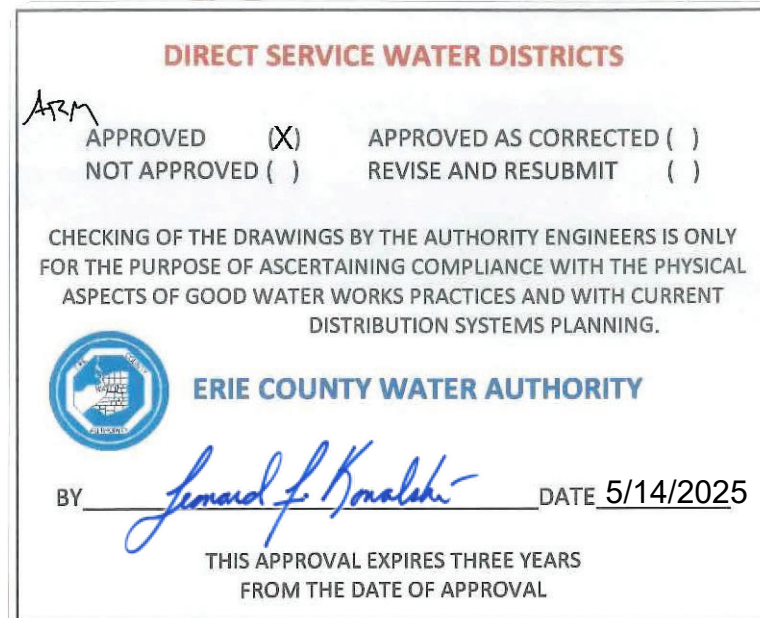
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS,
NEW YORK STATE DEPARTMENT OF TRANSPORTATION,
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION,
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

SILT FENCE



**TYPICAL PAVEMENT RESTORATION DETAIL
FOR
TOWN AND COUNTY ROADS**
SCALE: NTS



**DETECABLE WARNING SURFACE (DWS)
TRUNCATED DOME DETAILS**
SCALE: NTS

GPI

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WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 7205, SUBDIVISION 2, STATE EDUCATION LAW, ARE PROHIBITED

REVISIONS					
DATE	NO.	REVISION	Rev. per ECWA Comments	Rev. per ECWA Comments	Rev. per ECWA Comments
	1				

November 2024

DRAWN/DESIGN BY: JJS

CHECKED BY: JB

WATER DETAILS

REVIEW SET - NOT ISSUED FOR CONSTRUCTION

SCALE: As Noted

WNY-2400118.00

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