



**ERIE COUNTY WATER AUTHORITY**  
**INTEROFFICE MEMORANDUM**

May 11, 2026

To: Jennifer Hibit, Secretary to the Authority

From: Michael J. Quinn, PE, Director of Distribution

Subject: Transit Road Interconnection  
Towns of West Seneca and Elma  
Cooperative Agreement  
ECWA Project No. 202500200

A handwritten signature in black ink, appearing to be "MJQ", is written over the "From" line of the memorandum.

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Over the last few years, residents along Transit Road in the Town of West Seneca have complained about low water pressure. The infrastructure in the area is owned by the Town and operated by the Authority under a Lease Management Agreement

After evaluating the issues with the Town of West Seneca, it has been determined that the best solution would be to connect these properties to an adjacent water main owned and maintained by the Town of Elma. When constructed, the interconnection piping and meter chamber will be owned by the Town of West Seneca. Due to the fact that the project involves the Authority and both towns, a cooperative agreement will be required.

In order to expedite the resolution, the Authority Engineering Department designed the interconnection and the work will be completed by Kandey Company, Inc. under an existing contract with the Authority. Payment for the work will be made by the Town of West Seneca.

Attached find three copies of the Cooperative Agreement that was developed by the Authority's Legal Department and approved in concept by both Towns for review and consideration by the Board. The Town of Elma has executed the agreement and the Town of West Seneca Board will consider it at their meeting on May 15, 2026.

Again, all costs associated with the work will be paid by the Town of West Seneca so budget information is not required.

Please feel free to contact me if you have any questions.

MJQ:jmf  
Attachments  
cc: W.Wheeler  
WSTN-888-2501-X-11

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

**Document Name:** \_\_\_\_\_ **Project No.:** \_\_\_\_\_

**Description:** \_\_\_\_\_

**Item Description:**

Choose one: \_\_\_\_\_

Other: \_\_\_\_\_




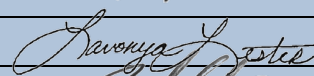




**Action Requested:**

Choose one \_\_\_\_\_

Other: \_\_\_\_\_

**Approvals Required:**

**APPROVED AS TO CONTENT:**

Chief Financial Officer		Date: 05/11/2026
Chief Operating Officer		Date: 05/11/2026
Claims Rep. – Risk Manager		Date: 5/11/2026
Comptroller	_____	Date: _____
Director of Administration		Date: 05/11/2026
Director of Distribution		Date: 5/11/2026
Director of Human Resources	_____	Date: _____
Director of IT	_____	Date: _____
Sr. Director of Operations & Infra	_____	Date: _____
Director of Planning & Water Supply		Date: 05/11/2026
Director of Production	_____	Date: _____
Director of Water Quality	_____	Date: _____
Executive Engineer		Date: 5/11/2026
General Counsel (Legal)		Date: 5/11/2026
Other: _____	_____	Date: _____

**APPROVED FOR BOARD RESOLUTION:**

Secretary to the Authority  Date: 05/11/2026

Remarks: \_\_\_\_\_

Resolution Date: \_\_\_\_\_ Item No: \_\_\_\_\_

## COOPERATIVE AGREEMENT

This Cooperative Agreement (“Agreement”), dated \_\_\_\_\_, is made by and between:

**ERIE COUNTY WATER AUTHORITY**

295 Main Street, Room 350  
Buffalo, New York, 14203

hereinafter referred to as the “Authority,” and

**TOWN OF WEST SENECA**

1250 Union Road  
West Seneca, New York 14224

hereinafter referred to as the “West Seneca.”

**TOWN OF ELMA**

1600 Bowen Road  
Elma, New York 14059

hereinafter referred to as “Elma.”

**WHEREAS**, pursuant to a Lease Management Agreement, dated January 28, 1999, and in effect until January 27, 2029 (hereinafter “LMA”), the Authority agreed to manage West Seneca’s water system and to sell and distribute potable water to domestic and commercial customers within the Town-created water districts; and

**WHEREAS**, pursuant to Article IV, section 4.1 of the LMA, it is the sole obligation of West Seneca to furnish and install at its own cost and expense such facilities within West Seneca as are required to provide an adequate supply of water at proper pressure for domestic use, as well as for fire protection within West Seneca; and

**WHEREAS**, pursuant to Article V, section 5.1 of the LMA, the Authority has the ability to provide additions, betterments and improvements to West Seneca’s facilities upon West Seneca’s request for same and the costs of such additions, betterments and improvements are the responsibility of West Seneca; and

**WHEREAS**, West Seneca has requested that the Authority install an interconnection to Elma’s 8-inch line located on Transit Road in the vicinity of Seneca Street (hereinafter the “Transit Road Interconnection”) to improve the water pressure received by West Seneca’s residents located on Transit Road in the vicinity of Seneca Street; and

**WHEREAS**, pursuant to a Bulk Sales Agreement, dated July 23, 2025, and in effect until July 22, 2035 (hereinafter “BSA”), the Authority agreed to supply Elma with an adequate supply of potable water for Elma to distribute to its residents; and

**WHEREAS**, pursuant to Article 2, section 2.15 of the BSA, the Authority and Elma agreed that Elma must allow and permit the Authority to use the facilities and infrastructure of Elma without the imposition of any rentals or other charges to transport water to areas located outside and beyond the territorial limits or service area of Elma; and

**WHEREAS**, pursuant to Article 2, section 2.09 of the BSA, the Authority agreed to furnish and maintain, at its sole cost and expense, a meter and meter coupling at each point at which water is delivered by Elma outside of Elma’s service areas for further distribution by the Authority; and

**WHEREAS**, the Authority has the ability to design and install Transit Road Interconnection through its Engineering Department and existing construction contracts; and

**WHEREAS**, the Authority, West Seneca, and Elma desire to enter into a Cooperative Agreement to coordinate and facilitate the installation of the Transit Road Interconnection;

**NOW, THEREFORE**, the parties agree as follows:

1. **SCOPE OF WORK**: The Authority agrees to design and install the Transit Road Interconnection as follows: Installation of approximately 80 linear feet of 8-inch waterline; 60 linear feet of 6-inch waterline; 6-inch water meter and concrete vault; two interconnections (one to ECWA/West Seneca and one to Elma); 5 gate valves (3- 6-inch and 2- 8-inch); various fittings and appurtenances; and pavement / lawn restoration. The Authority’s design drawings for the Transit Road Interconnection are attached to this Cooperative Agreement as Appendix A.

2. **PUBLIC BIDDING**: The Authority publicly bid and awarded a Water Distribution System Replacements and Improvements Contract for the period of May 1, 2025 through April 30, 2027 to Kandey Company, Inc. in accordance with the terms of General Municipal Law §103 and Public Authorities Law §1069. The Authority intends to install the Transit Road Interconnection through services provided pursuant to the Water Distribution System Replacements and Improvements Contract with Kandey Company, Inc. The Authority agrees to provide inspection during construction in accordance with the project plans and specifications developed by the Authority.

3. **PROJECT COST**: The Authority has calculated the costs of the Transit Road Interconnection. West Seneca agrees to pay the Authority the actual cost for the installation of the Transit Road Interconnection, excepting the cost of the meter and meter coupling at the interconnection. The actual cost for the installation of the Transit Road Interconnection shall include all indirect costs, such as the Authority’s most recent audited overhead rate to cover administrative costs of the Transit Road Interconnection. The Authority agrees to bear the cost of

the meter and meter coupling at the Transit Road Interconnection. The Authority has provided a detailed estimate of the costs for the Transit Road Interconnection and such detail is attached to this Cooperative Agreement as Appendix B.

4. **REIMBURSEMENT**: West Seneca will simultaneously with the execution and delivery of this Agreement submit a check in the amount of \$191,000.00 made payable to the Erie County Water Authority; said sum being the estimated cost only (including overhead and contingency markup and roundup) of the Transit Road Interconnection. This estimated amount is based on the work being installed by December 31, 2025 weather dependent. If the actual cost exceeds the estimated cost, the West Seneca shall pay the difference between the actual and estimated cost to the Authority. However, should the actual cost of the Transit Road Interconnection advanced by the West Seneca be less than the estimated cost thereof, the Authority will refund the difference between said amounts to West Seneca. West Seneca agrees to remit payment of the final actual installed cost to the Authority within 60 days of receipt of the invoice, if the actual costs exceed the estimated cost. If not paid within sixty (60) days of the billing date, any unpaid balance shall be subject to 1% interest per month until paid in full. The Authority agrees to refund payment of the final actual installed cost to West Seneca within 60 days of the completion of the installation, if the actual costs are less than the estimated costs.

5. **ACCEPTANCE**: At the completion of all the work, labor and service, as well as installation of all materials, West Seneca agrees to accept said water mains and appurtenances, exclusive of the meter and meter coupling. The meter and meter coupling shall remain the property of the Authority. Title to all water mains and appurtenances shall vest in West Seneca and West Seneca shall provide service to said water mains and appurtenances as if they were originally installed by West Seneca.

6. **INDEMNIFICATION**: To the fullest extent permitted by law, West Seneca agrees to indemnify and hold harmless Elma and the Authority, their officers, directors, employees, agents, and other consultants and subcontractors of each and ay of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the work related to the Transit Road Interconnection provided that any such claim, cost, loss or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of real or personal property (other than the work performed for the Transit Road Interconnection) including the loss of use resulting therefrom.

7. **AMENDMENTS AND MODIFICATIONS**: Any modification, amendment or variation from the terms of this Agreement must be in writing, authorized by a resolution of the Town's Board, authorized by a resolution of the Board of Commissioners of the Authority, and signed by all parties to be effective.

8. **ENTIRE AGREEMENT**: This Agreement contains the entire understanding of the parties and no representations or agreements, oral or written, made prior to its execution shall vary or modify the terms herein. This Agreement supersedes all prior and contemporaneous communications, representations, or agreements, whether oral or written with respect to the subject matter hereof and has not been induced by any representations, statements, or agreements other than those herein expressed. No subsequent agreement made between the parties shall be binding on either party unless reduced to writing and signed by an authorized officer of the party sought to be bound by such agreement.

9. **NOTICE**: Any notices required by this Agreement or otherwise shall be delivered by United States Postal mail or personal delivery upon the addresses stated in this Agreement. Any change in such address shall be required to be in writing to the other party and acknowledged as such.

10. **APPROVAL**: This Agreement is subject to approval by the respective parties in accordance with the authority granted to each party.

11. **EFFECTIVE DATE**: The parties agree the effective date of this Agreement shall be the date the Agreement is approved by the resolution of the Authority's Board of Commissioners.

**IN WITNESS WHEREOF**, the parties hereto have set their hands and seals as of the date above written.

**ERIE COUNTY WATER AUTHORITY**

\_\_\_\_\_  
JEROME D. SCHAD, Chair

**TOWN OF WEST SENECA**

\_\_\_\_\_  
GARY DICKSON, Supervisor

**TOWN OF ELMA**

\_\_\_\_\_  
WAYNE A. CLARK, Supervisor

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

On this \_\_\_ day of November, 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

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

On the \_\_\_ day of \_\_\_\_\_, in the year 2025, before me personally came GARY DICKSON, to me known, who being by me duly sworn did depose and say that he resides in West Seneca, New York, that he is the Supervisor of the Town of West Seneca, the municipal corporation described in the above instrument, and that he signed his name thereto by the authorization of the Town Board of the Town of West Seneca pursuant to a duly enacted resolution.

\_\_\_\_\_  
Notary Public - State of New York

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

On the \_\_\_ day of \_\_\_\_\_, in the year 2025, before me personally came WAYNE A. CLARK, to me known, who being by me duly sworn did depose and say that he resides in Elma, New York, that he is the Supervisor of the Town of Elma, the municipal corporation described in the above instrument, and that he signed his name thereto by the authorization of the Town Board of the Town of Elma pursuant to a duly enacted resolution.

\_\_\_\_\_  
Notary Public - State of New York

## **APPENDIX A**

### **Design Drawings**



WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200

TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK



General Notes

- 1.) ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ERIE COUNTY WATER AUTHORITY STANDARD DETAILS AND SPECIFICATIONS
- 2.) DIP WATERMANS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA C600.
- 3.) WATERMANS SHALL BE TESTED AND DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651, HOWEVER THE TABLET METHOD IS NOT ALLOWED
- 4.) SEE STANDARD DETAIL GENERAL NOTES SECTION ON MISCELLANEOUS DETAILS
- 5.) CONTRACTOR TO PROVIDE MAINTENANCE AND PROTECTION OF TRAFFIC THROUGHOUT CONSTRUCTION
- 6.) SERVICE LOCATIONS ARE APPROXIMATIONS ONLY AND SHOULD BE FIELD CHECKED PRIOR TO CONSTRUCTION
- 7.) CONTRACTOR WILL BE REQUIRED TO COMPLETE TEST PITS AS DIRECTED BY THE ENGINEER.

Legend

	= SANITARY MH
	= TRAFFIC MH
	= STORM MH
	= CATCH BASIN
	= UTILITY POLE
	= FIRE HYDRANT
	= WATER VALVE (PROPOSED)
	= WATER VALVE (EXISTING)
	= EXISTING WATERLINE
	= NEW WATERLINE
	= SANITARY SEWER
	= STORM SEWER
	= GAS MAIN
	= ELECTRIC
	= TELEPHONE

Name: LOCATION MAP AND LEGEND

Date: SEPTEMBER 2025

Scale: NTS

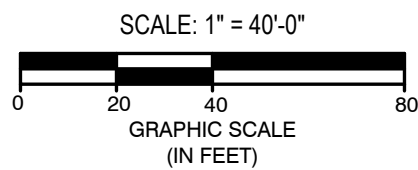
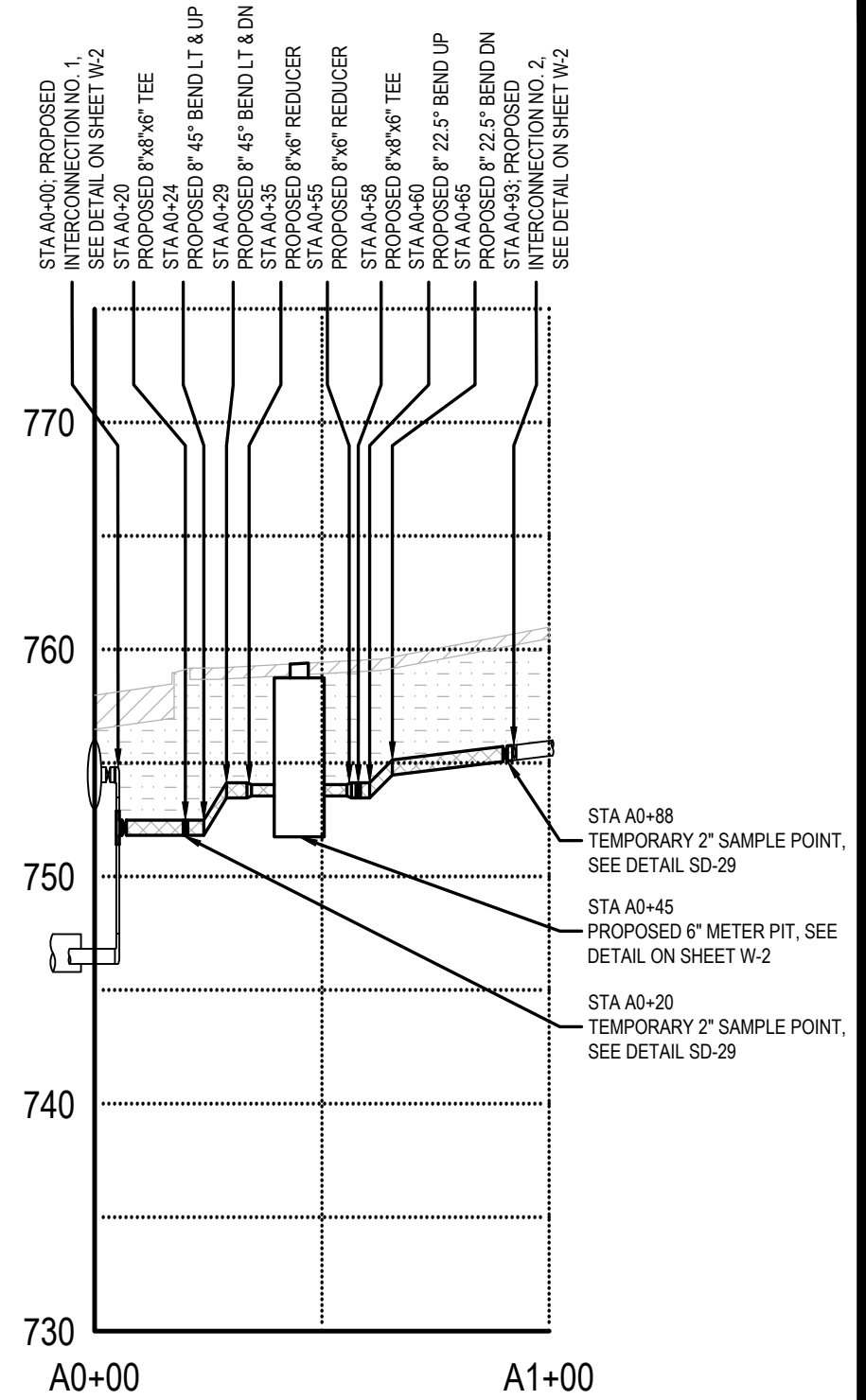
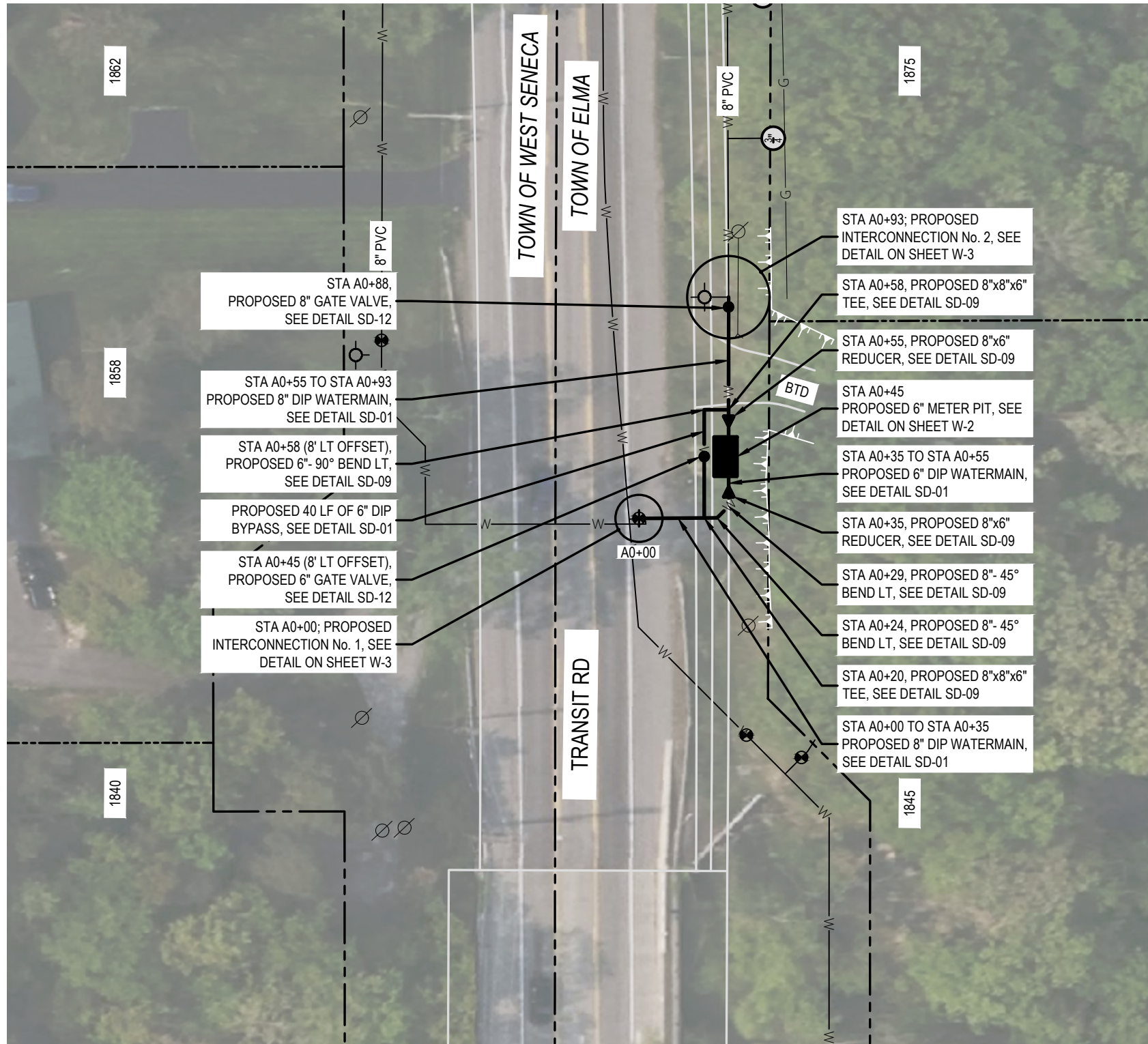
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Sheet

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Page: 1 of 8

File Name: 202500200 - Elma Connection Design Page 7 of 16



Approved By:



ERIE COUNTY WATER AUTHORITY  
3030 UNION RD.  
CHEEKTOWAGA, NY 14227

Project Name

WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200

TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK

Name:  
PLAN AND PROFILE

Date:  
SEPTEMBER 2025

Scale:  
AS SHOWN

Drawn/Revised By:  
WWW

Sheet

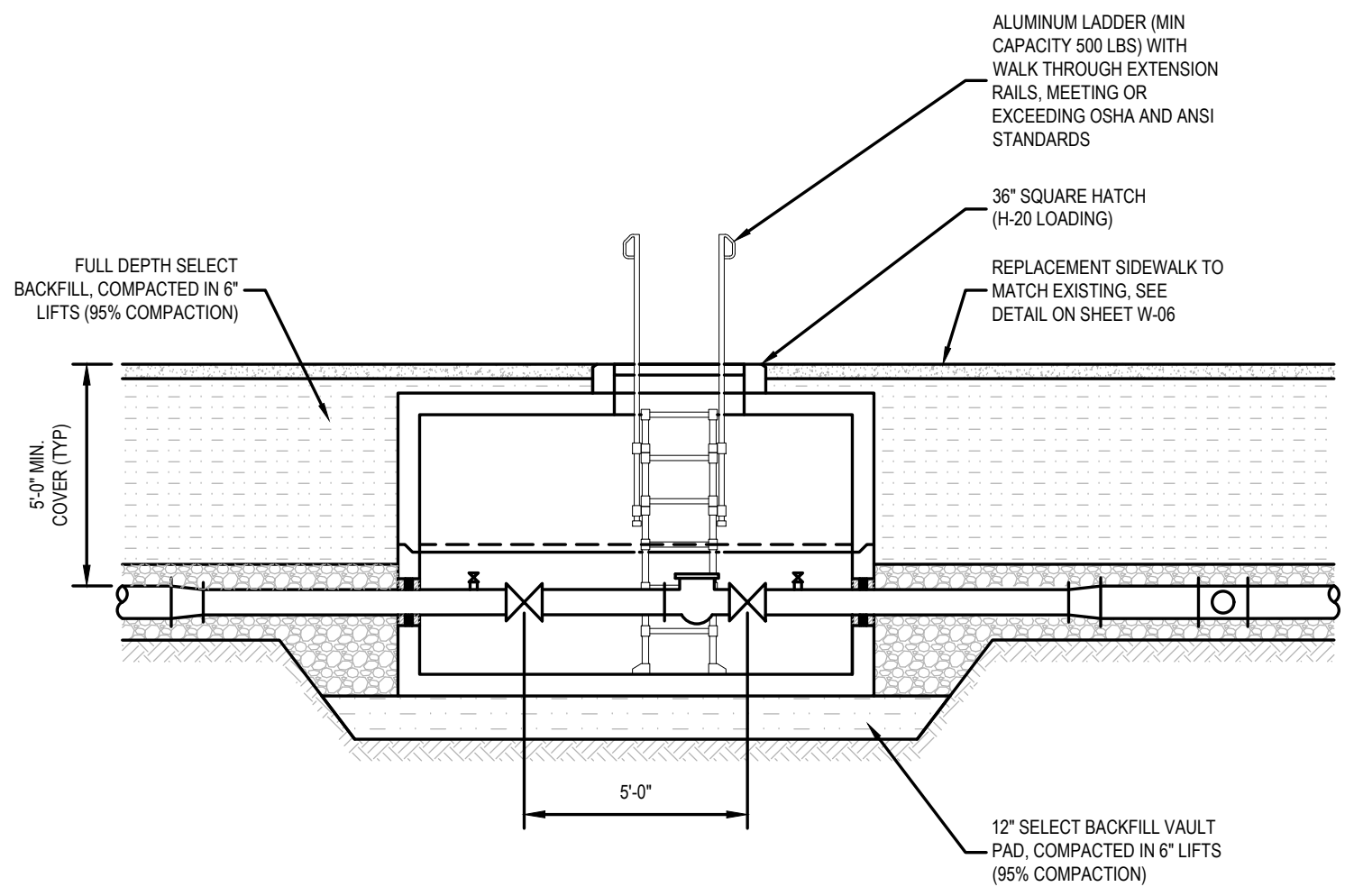
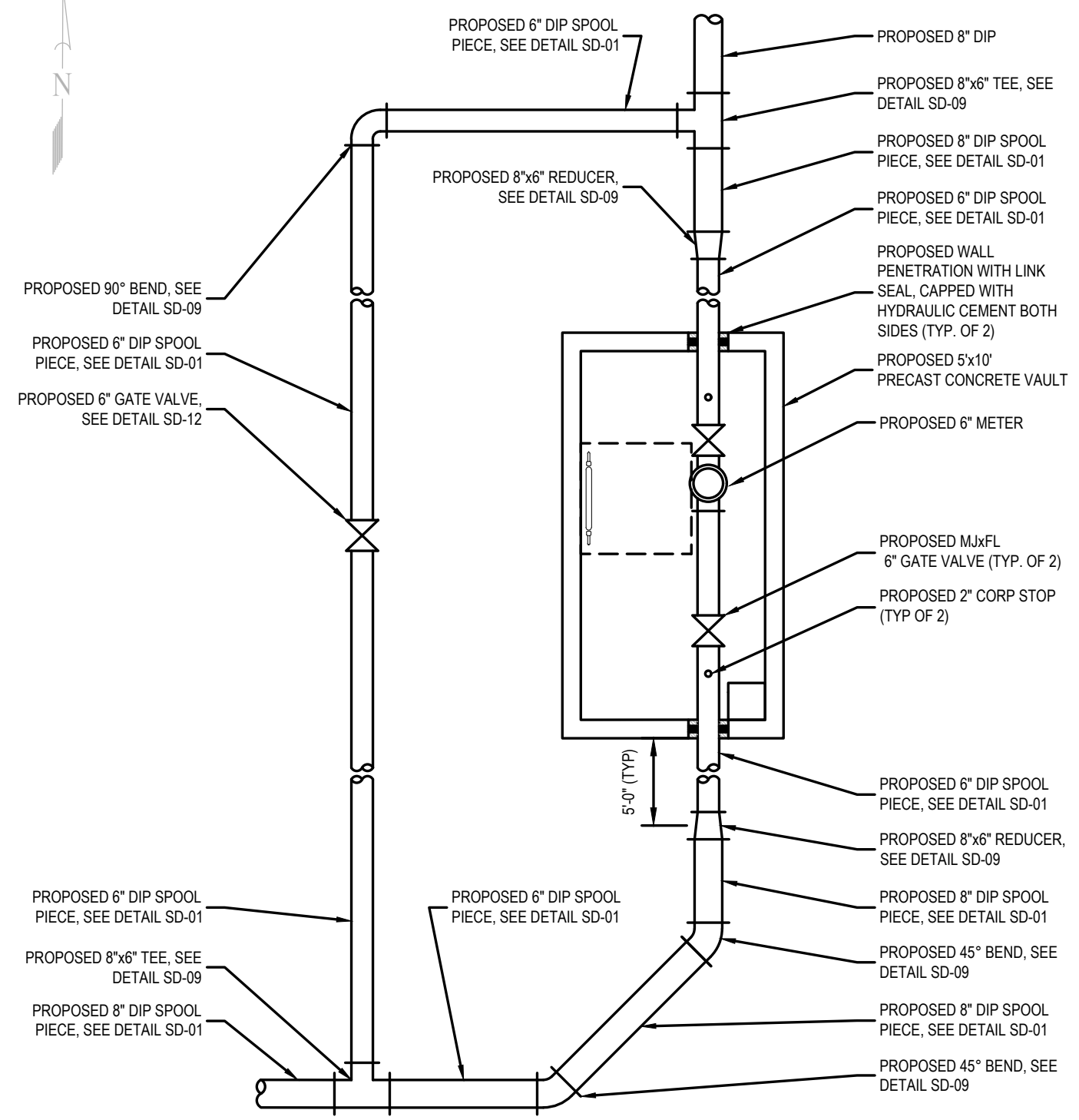
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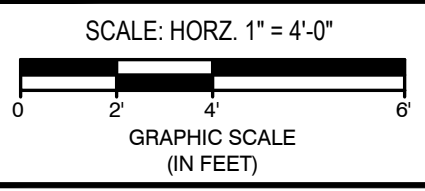
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202500200 - Elma Connection Design  
Page 2 of 16



ALL UTILITIES ARE BASED ON BEST GIVEN INFORMATION AND ARE APPROXIMATE ONLY. SOME UTILITIES MAY NOT BE SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES DURING EXCAVATION BY CONTACTING UFPO PRIOR TO PERFORMING ANY EARTHWORK.



NOTE: ALL PIPING IS FULLY RESTRAINED AND SUPPORTED AS REQUIRED



Approved By:



ERIE COUNTY WATER AUTHORITY  
3030 UNION RD.  
CHEEKTOWAGA, NY 14227

Project Name

WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200

TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK

Name:  
METER PIT DETAIL

Date:  
SEPTEMBER 2025

Scale:  
AS SHOWN

Drawn/Revised By:  
WWW

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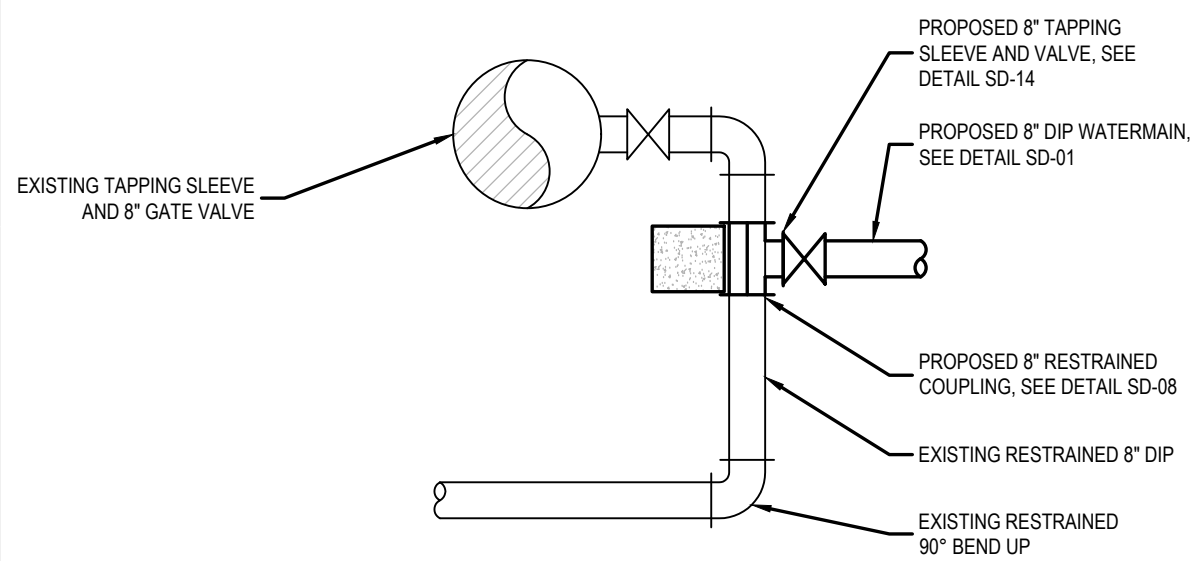
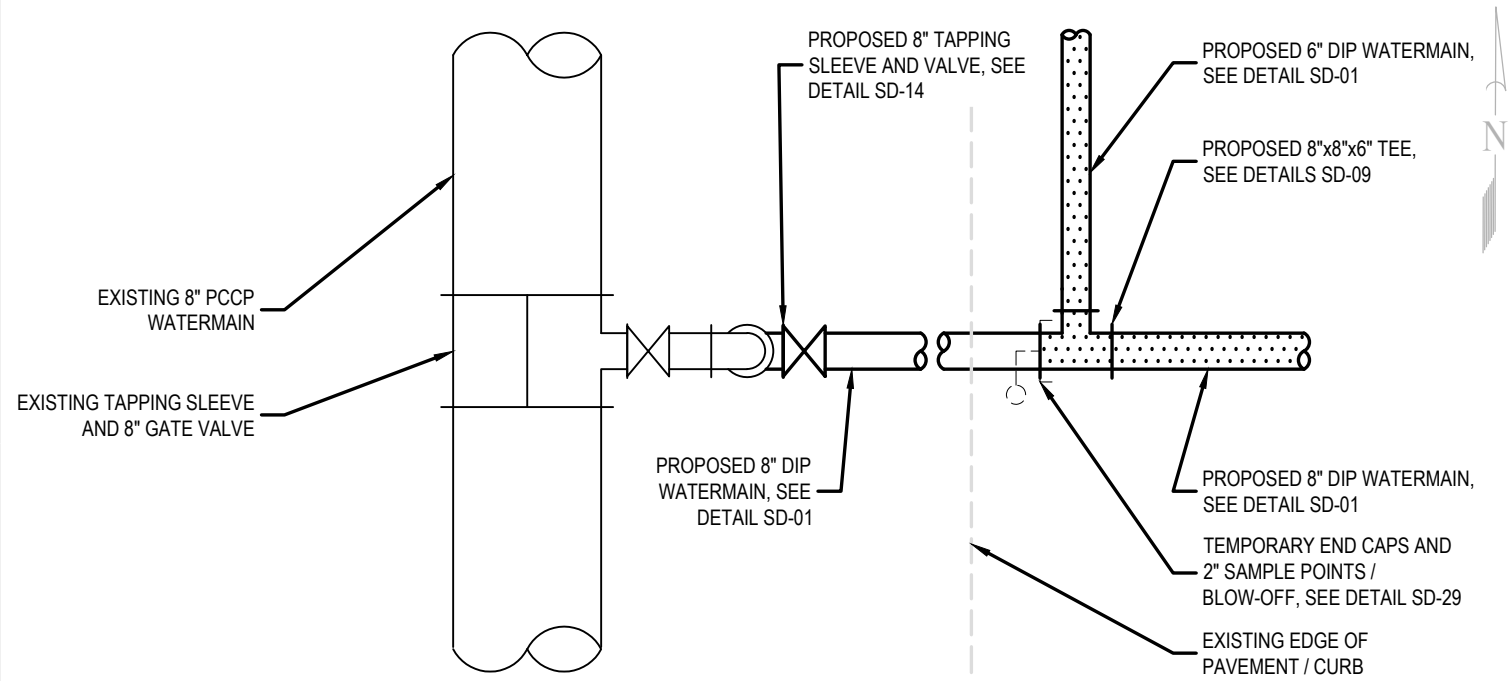
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File Name:  
202500200 - Elma Connection Design  
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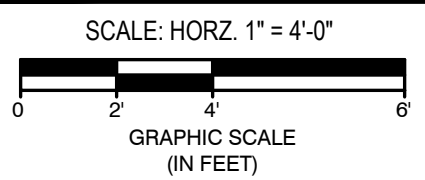


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**INTERCONNECTION NO. 1**

..... PRESSURE TEST AND DISINFECTION LIMITS



Approved By:



ERIE COUNTY WATER AUTHORITY  
3030 UNION RD.  
CHEEKTOWAGA, NY 14227

Project Name

WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200

TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK

Name:  
INTERCONNECTIONS

Date:  
SEPTEMBER 2025

Scale:  
AS SHOWN

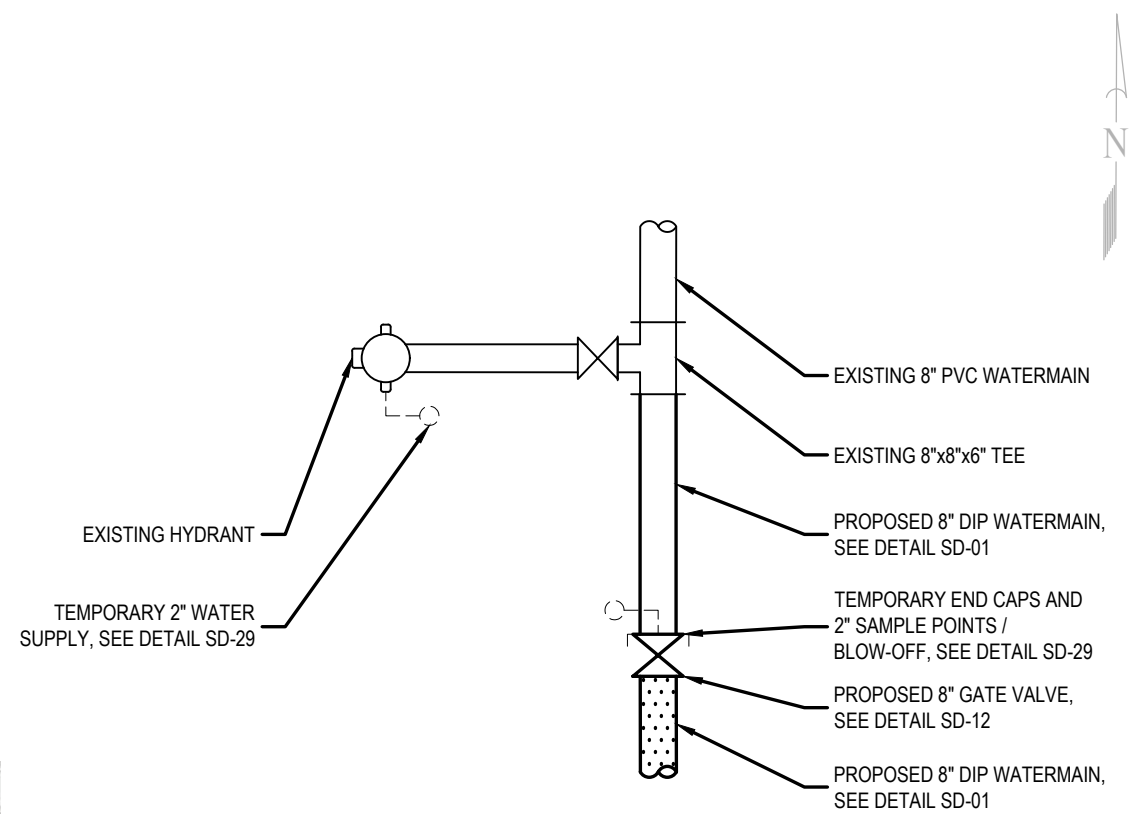
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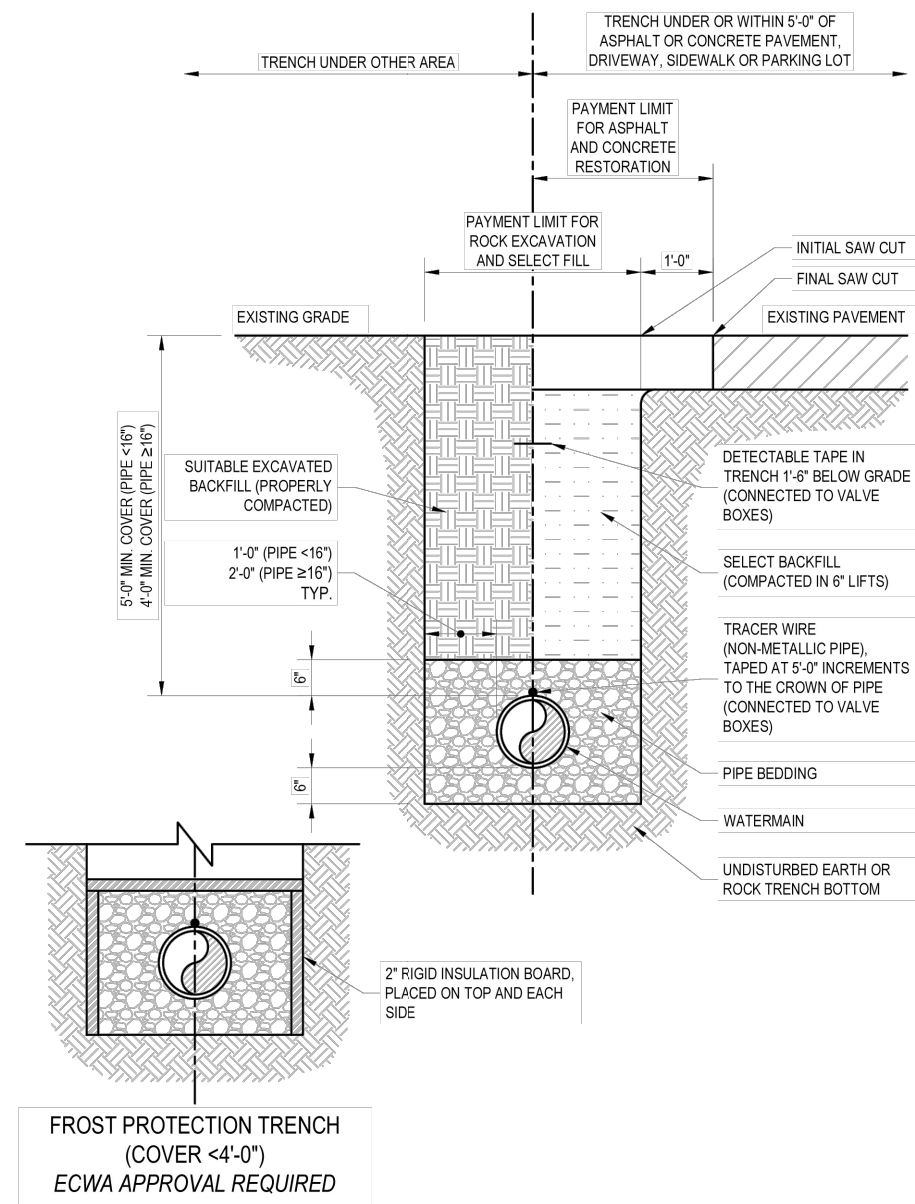
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202500200 - Elma Connection Design  
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**INTERCONNECTION NO. 2**

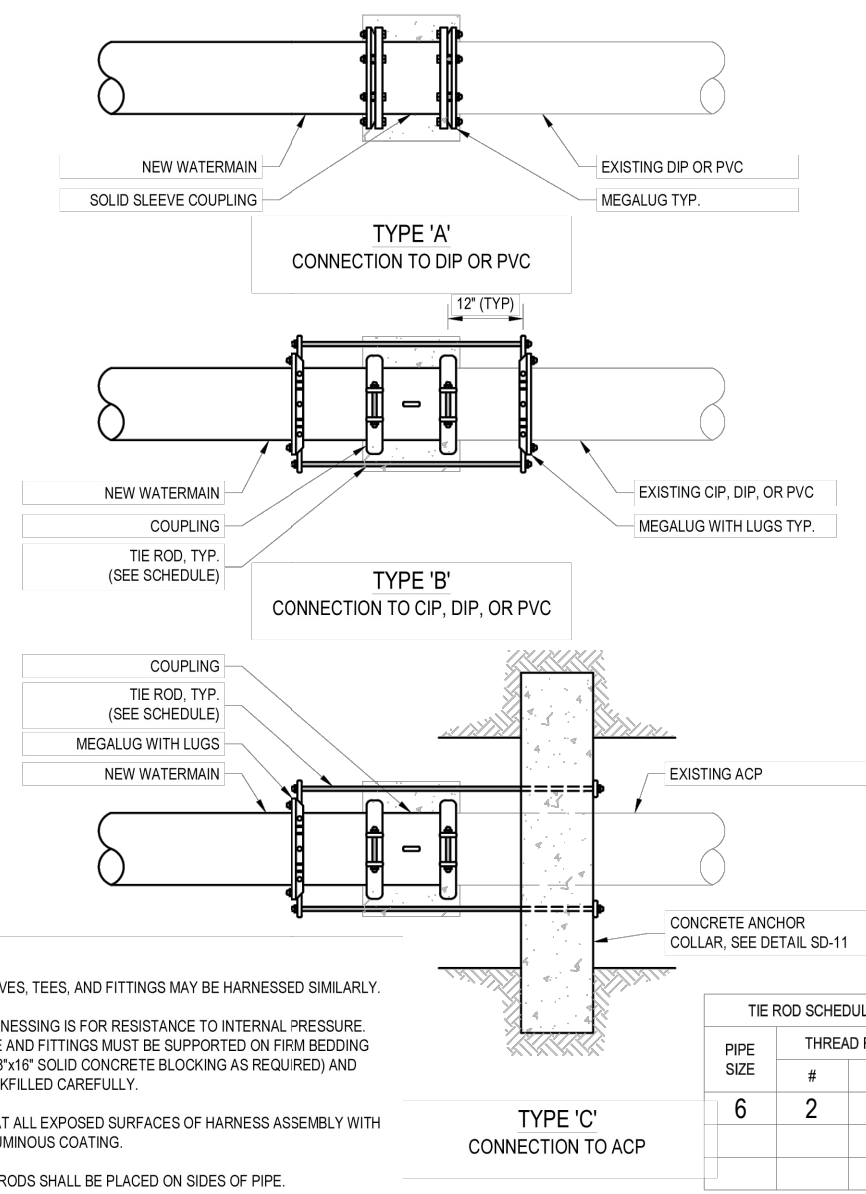


ALL UTILITIES ARE BASED ON BEST GIVEN INFORMATION AND ARE APPROXIMATE ONLY. SOME UTILITIES MAY NOT BE SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES DURING EXCAVATION BY CONTACTING UFPO PRIOR TO PERFORMING ANY EARTHWORK.



**TYPICAL TRENCH DETAIL**  
SCALE: NTS

Revision: 2024-01  
Detail: SD-01



**TYPICAL CONNECTION TO EXISTING WATERMAIN**  
SCALE: NTS

Revision: 2024-01  
Detail: SD-08

Approved By:

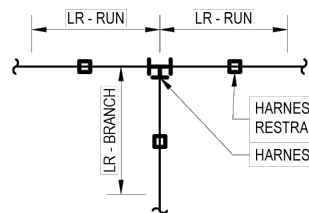


ERIE COUNTY WATER AUTHORITY  
3030 UNION RD.  
CHEEKTOWAGA, NY 14227

Project Name  
**WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200**  
  
TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK

Name: MISCELLANEOUS DETAILS  
Date: SEPTEMBER 2025  
Scale: AS SHOWN  
Drawn/Revised By: WWW

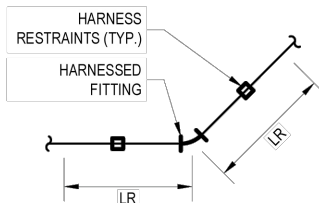
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**W-4**  
Page: 5 of 8  
File Name: 202500200 - Elma Connection Design  
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TEE SIZE (RUN x BRANCH)	LR RUN	LR BRANCH	TEE SIZE (RUN x BRANCH)	LR RUN	LR BRANCH
8"x6"	5'	40'	12"x10"	5'	80'
8"x8"	5'	70'	12"x12"	5'	110'
10"x6"	5'	30'	16"x6"	5'	20'
10"x8"	5'	60'	16"x8"	5'	35'
10"x10"	5'	90'	16"x10"	5'	65'
12"x6"	5'	20'	16"x12"	5'	90'
12"x8"	5'	55'	16"x16"	5'	145'

**TEES**

\*LENGTHS SHOWN ARE MINIMUM REQUIREMENTS

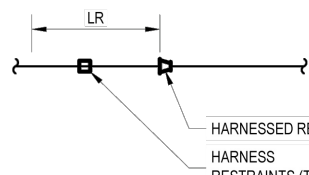


PIPE SIZE	LR			
	90° BEND	45° BEND	22.5° BEND	11.25° BEND
6"	35'	15'	10'	5'
8"	40'	20'	10'	5'
10"	55'	25'	15'	10'
12"	60'	30'	15'	10'
16"	80'	35'	20'	10'

**BENDS**

\*LENGTHS SHOWN ARE MINIMUM REQUIREMENTS

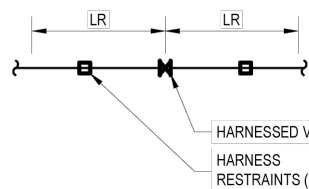
NOTE:  
BACK TO BACK FITTINGS WITHIN 5' OF EACH OTHER SHALL BE RESTRAINED AT LENGTHS OF 2 TIMES THE FITTING DEGREES (I.E. 2-45° = 90° RESTRAINT LENGTH)



REDUCER SIZE	LR	REDUCER SIZE	LR
6"x4"	40'	12"x8"	75'
8"x4"	70'	12"x10"	40'
8"x6"	45'	16"x6"	150'
10"x6"	75'	16"x8"	130'
10"x8"	40'	16"x10"	105'
12"x6"	100'	16"x12"	75'

**REDUCERS**

\*LENGTHS SHOWN ARE MINIMUM REQUIREMENTS



VALVE/END CAP SIZE	LR
4"	55'
6"	75'
8"	100'
10"	115'
12"	140'
16"	175'

**VALVES / END CAPS**

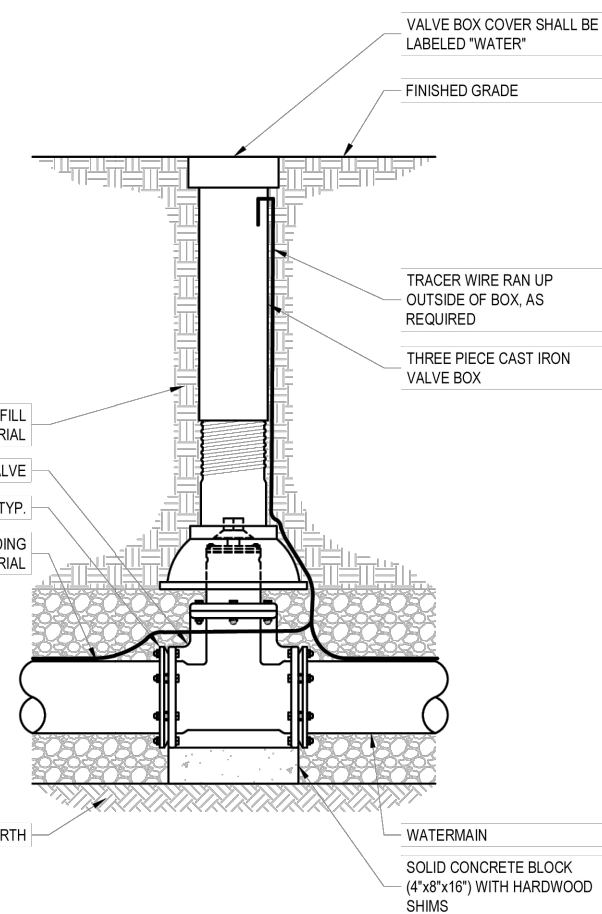
\*LENGTHS SHOWN ARE MINIMUM REQUIREMENTS



**RESTRAINED JOINT  
SCHEDULE**  
SCALE: NTS

Revision: 2024-01

Detail: **SD-09**



APPROVED BACKFILL MATERIAL  
GATE VALVE  
MEGALUG TYP.  
APPROVED BEDDING MATERIAL

VALVE BOX COVER SHALL BE LABELED "WATER"

FINISHED GRADE

TRACER WIRE RAN UP OUTSIDE OF BOX, AS REQUIRED

THREE PIECE CAST IRON VALVE BOX

UNDISTURBED EARTH

WATERMAIN  
SOLID CONCRETE BLOCK (4"x8"x16") WITH HARDWOOD SHIMS

**NOTES:**

1. VALVE SHALL NOT SUPPORT VALVE BOX.
2. GATE VALVE SHALL BE INSTALLED LEVEL AND VERTICALLY PLUMB.
3. VALVE BOX SHALL BE PLUMB TO GRADE, WITH OPERATING NUT CENTERED IN BOX.



**GATE VALVE SETTING**  
SCALE: NTS

Revision: 2024-01

Detail: **SD-12**

Approved By:



ERIE COUNTY WATER AUTHORITY  
3030 UNION RD.  
CHEEKTOWAGA, NY 14227

Project Name

WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200

TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK

Name: MISCELLANOUS  
DETAILS

Date: SEPTEMBER 2025

Scale: AS SHOWN

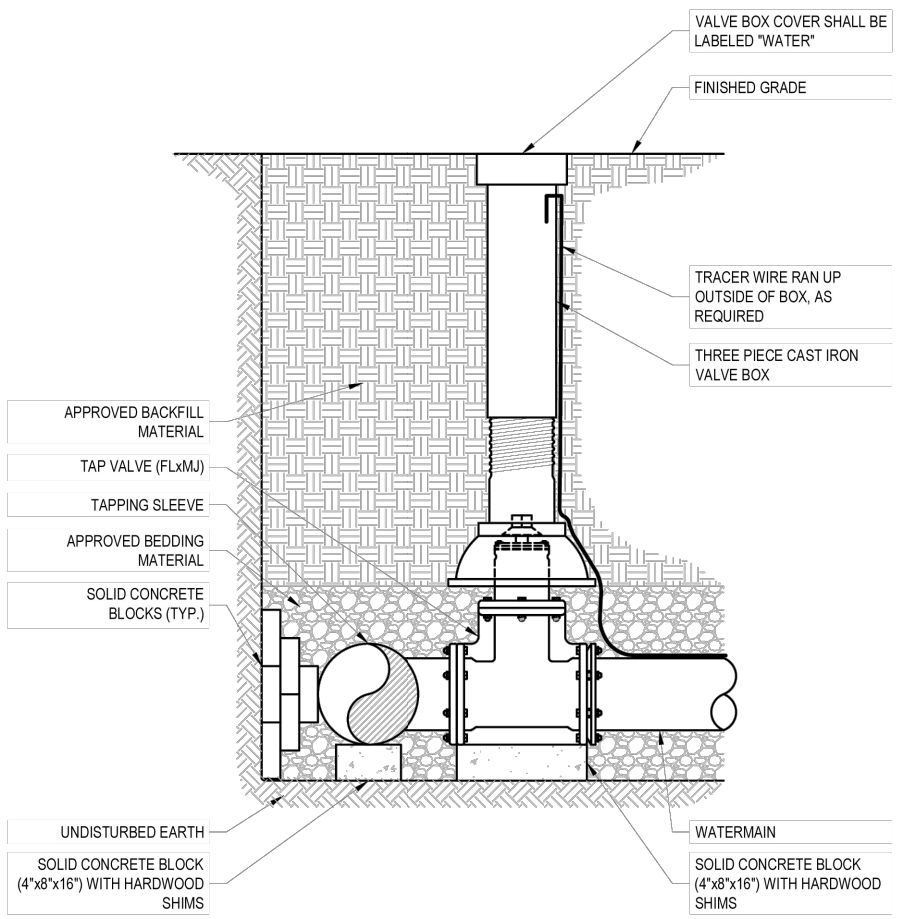
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File Name: 202500200 - Elma Connection Design  
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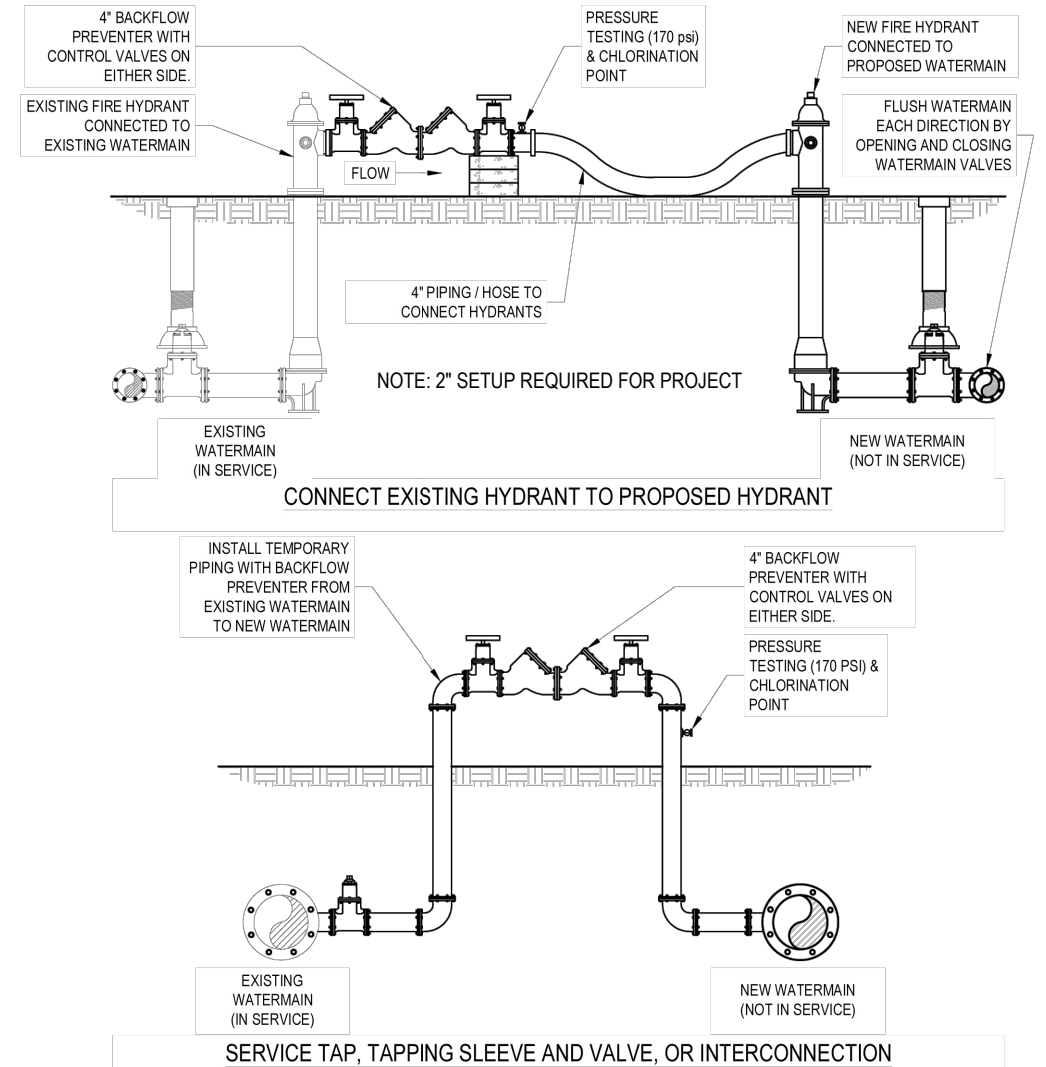


- NOTES:
1. VALVE SHALL NOT SUPPORT VALVE BOX.
  2. TAP VALVE SHALL BE INSTALLED LEVEL AND VERTICALLY PLUMB.
  3. VALVE BOX SHALL BE PLUMB TO GRADE, WITH OPERATING NUT CENTERED IN BOX.



**TAPPING SLEEVE AND VALVE**  
SCALE: NTS

Revision: 2024-01  
Detail: **SD-14**



- NOTES:
1. THE PURPOSE OF THIS DETAIL IS TO DEPICT ACCEPTABLE METHODS OF CONNECTING EXISTING WATERMAINS TO PROPOSED WATERMAINS FOR FILLING, SCOURING, TESTING AND CHLORINATION.
  2. FIRE HOSE, TEMPORARY PIPING, AND BACKFLOW PREVENTERS SHALL NOT ENCROACH INTO ROADWAYS, DRIVEWAYS, OR SIDEWALK AREAS WITHOUT PROVIDING PROPER MAINTENANCE AND PROTECTION OF TRAFFIC MEASURES.



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

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

Approved By:

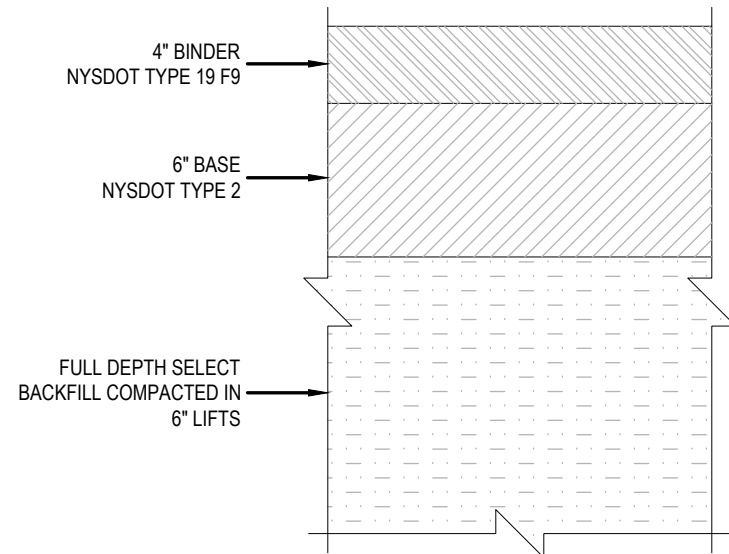


ERIE COUNTY WATER AUTHORITY  
3030 UNION RD.  
CHEEKTOWAGA, NY 14227

Project Name  
**WEST SENECA - ELMA  
WATER SYSTEM INTERCONNECTION  
ECWA PN202500200**  
  
TOWN OF WEST SENECA / ELMA  
ERIE COUNTY - NEW YORK

Name: MISCELLANEOUS DETAILS  
Date: SEPTEMBER 2025  
Scale: AS SHOWN  
Drawn/Revised By: WWW

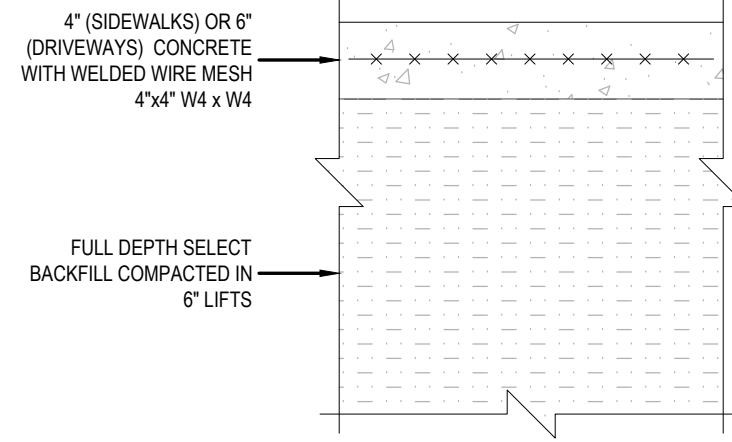
Sheet  
**W-6**  
Page: 7 of 8  
File Name: 202500200 - Elma Connection Design  
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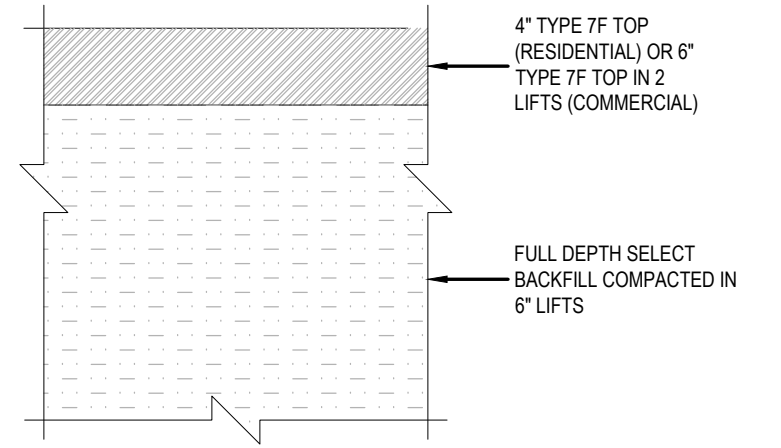
NYSDOT ROAD RESTORATION

**PAVEMENT RESTORATION NOTE:**  
 (1) PAVEMENT LIFT THICKNESS SHALL CONFORM TO NYSDOT STANDARDS

PAVEMENT RESTORATION



CONCRETE RESTORATION




ASPHALT RESTORATION

SIDEWALK/DRIVEWAY RESTORATION

**CURB RESTORATION NOTE:**  
 (1) CONTRACTOR SHALL FOLLOW NYSDOT STANDARD SHEETS FOR CONCRETE CURB REPLACEMENT.

CURB RESTORATION

Approved By:	 ERIE COUNTY WATER AUTHORITY 3030 UNION RD. CHEEKTOWAGA, NY 14227	Project Name  <b>WEST SENECA - ELMA          WATER SYSTEM INTERCONNECTION          ECWA PN202500200</b>  TOWN OF WEST SENECA / ELMA ERIE COUNTY - NEW YORK	Name: MISCELLANEOUS DETAILS Date: SEPTEMBER 2025 Scale: AS SHOWN Drawn/Revised By: WWW	Sheet  <h1 style="text-align: center;">W-7</h1> Page: 8 of 8 File Name: 202500200 - Elma Connection Design Page 14 of 16
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## **APPENDIX B**

### **Cost Estimate**

# Cost Estimate

PROJECT NO.: **202500200**

Prepared By: **M. Bellacose** Date: **10/1/2025**  
 Inputted By: \_\_\_\_\_ Date: \_\_\_\_\_

TITLE: **West Seneca and Elma Water System Interconnection**  
**TOWN OF WEST SENECA**

Type of Connection: **CPLG.**

## MATERIAL LIST

Materials					
Qty.	U/M	Item No.	Description	Cost per Unit	Total Cost per Item
80	LF	12080	8" D.I.P. PIPE w/WRAP	\$57.05	\$4,564.32
60	LF	12060	6" D.I.P. PIPE w/WRAP	\$44.94	\$2,696.40
2	EA	5082	8"X6" REDUCER	\$148.72	\$297.44
4	EA	14332	8" 22.5° Bend	\$99.44	\$397.76
2	EA	14333	8" 45° BEND	\$109.95	\$219.91
1	EA	14324	6" 90° BEND	\$101.08	\$101.08
2	EA	11083	8"x8"x6" TEE	\$164.54	\$329.08
2	EA	8082	8" TAP SADDLE	\$160.40	\$320.80
2	EA	23070	2" CURB STOP	\$113.95	\$227.90
2	EA	20199	6" FLANGE ADAPTOR	\$120.84	\$241.67
1	EA	1084	8x8" TAPPING SLEEVE	\$382.26	\$382.26
1	EA	7062	6" GATE VALVE	\$1,012.89	\$1,012.89
2	EA	7065	6" GATE VALVE MJxFL	\$609.55	\$1,219.10
1	EA	7083	8" GATE VALVE	\$1,556.99	\$1,556.99
3	EA		VALVE BOX COMPLETE	\$200.00	\$600.00
50	EA	13181	RETAINER GLANDS	\$63.00	\$3,150.00
1	EA	2081	8" Tap Valve	\$1,630.85	\$1,630.85
TOTAL MATERIAL COST (MAT)					<b>\$18,948.44</b>

## INSTALLATION per ECWA REPLACEMENT & IMPROVEMENT CONTRACT

Installation					
Qty.	U/M	Item No.	Description	Cost per Unit	Total Cost per Item
1	EA	3A1	4" to 8" Inline Connection	\$2,800.00	\$2,800.00
140	LF	1A1	INSTALL 6" & 8" DIP	\$95.00	\$13,300.00
11	EA	5A1	INSTALL D.I. FITTING W/ JOINT REST.	\$280.00	\$3,080.00
2	EA	2A1	INSTALL 6" & 8" VALVES	\$4,000.00	\$8,000.00
1	EA	3B1	INSTALL TS&V	\$5,700.00	\$5,700.00
100	LF	6A1	POLYEHTYLENE ENCASEMENT	\$2.00	\$200.00
100	LF	12A3	TESTING & DISINFECTION 8" MAIN	\$11.00	\$1,100.00
1	EA	2B2	6" HIGH FLOW CHAMBER	\$13,500.00	\$13,500.00
1	ALW	13B3	CONC. VAULT	\$15,500.00	\$15,500.00
1	EA	14B2	TRAFFIC CONTROL	\$50,000.00	\$50,000.00
Restoration					
Qty.	U/M	Item No.	Description	Cost per Unit	Total Cost per Item
10	SY	12B1	ASPHALT PAVEMENT RESTORATION	\$220.00	\$2,200.00
10	LF	12B6	CONCRETE CURB RESTORATION	\$155.00	\$1,550.00
50	SY	12C2	CONCRETE SIDEWALK RESTORATION	\$175.00	\$8,750.00
50	SY	12F1	LAWN RESTORATION	\$45.00	\$2,250.00
TOTAL LABOR COST (LAB)					<b>\$127,930.00</b>

STORES ALLOCATION COST (SAL) = 15.0% OF MATERIAL COST (MAT) **\$2,842.27**

SUBTOTAL "A" = MAT+LAB+SAL **\$149,720.71**

OVERHEAD COST (OVHD) = 10.9% OF SUBTOTAL "A" **\$16,319.56**

SUBTOTAL "B" = OVHD + SUBTOTAL "A" **\$166,040.27**

CONTINGENCIES (CONT) = 15.0% OF SUBTOTAL "B" **\$24,906.04**

**\*TOTAL ESTIMATED COST = CONT + SUBTOTAL "B" (ROUNDED) **\$191,000.00****

(\*ESTIMATED COST EFFECTIVE IF INSTALLED BY DECEMBER 31, 2025)