



Connecticut Department of
 Energy & Environmental Protection
 Bureau of Materials Management & Compliance Assurance
 Water Permitting & Enforcement Division

General Permit Registration Form for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, effective 10/1/13 (electronic form)

Prior to completing this form, you **must** read the instructions for the subject general permit at [DEEP-WPED-INST-015](#). This form must be filled out electronically before being printed. You must submit the registration fee along with this form.

The [status of your registration](#) can be checked on the DEEP's ezFile Portal. Please note that DEEP will no longer mail certificates of registration.

CPPU USE ONLY	
App #:	_____
Doc #:	_____
Check #:	_____
Program:	<u>Stormwater</u>

Part I: Registration Type

Select the appropriate boxes identifying the registration type and registration deadline.

Registration Type		Registration Timeline	
<input type="checkbox"/>	Re-registration Existing Permit No. GSN _____	On or before February 1, 2014* *Note: Failure to renew a permit by this date will require submission of new registration. Re-registrants must only complete Parts I, II, III, IV - Question 1, VII and submit Attachment A.	
<input checked="" type="checkbox"/>	New Registration (Refer to Section 2 of the permit for definitions of Locally Exempt and Locally Approvable Projects)	<input checked="" type="checkbox"/> Locally Approvable Size of soil disturbance: 1.48	New registration - Sixty (60) days prior to the initiation of the construction activity for: For sites with a total soil disturbance area of 5 or more acres
		<input type="checkbox"/> Locally Exempt Size of soil disturbance: _____	<input type="checkbox"/> New registration - Sixty (60) days prior to the initiation of the construction activity for: Sites with a total disturbance area of one (1) to twenty (20) acres except those with discharges to impaired waters or tidal wetlands
			<input type="checkbox"/> New registration - Ninety (90) days prior to the initiation of the construction activity for: (i) Sites with a total soil disturbance area greater than twenty (20) acres, or (ii) Sites discharging to a tidal wetland (that is not fresh-tidal and is located within 500 feet), or (iii) Sites discharging to the impaired water listed in the "Impaired Waters Table for Construction Stormwater Discharges"

Part II: Fee Information

1. New Registrations

a. Locally approvable projects (registration only):

\$625

b. Locally exempt projects (registration and Plan):

\$3,000 total soil disturbance area \geq one (1) and $<$ twenty (20) acres.

\$4,000 total soil disturbance \geq twenty (20) acres and $<$ fifty (50) acres.

\$5,000 total soil disturbance \geq fifty (50) acres.

2. Re-Registrations

\$625 (sites previously registered prior to September 1, 2012)

\$0 (sites previously registered between to September 1, 2012 and effective date of this permit)

Total Fee: \$625.00

The fees for municipalities shall be half of those indicated in subsections (a), (b) and (c) above pursuant to Section 22a-6(b) of the Connecticut General Statutes. State and Federal agencies shall pay the full fees specified in this subsection. The registration will not be processed without the fee. The fee shall be non-refundable and shall be paid by certified check or money order payable to the Department of Energy and Environmental Protection.

Part III: Registrant Information

- If a registrant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of the State. If applicable, the registrant's name shall be stated **exactly** as it is registered with the Secretary of the State. This information can be accessed at [CONCORD](#)
- If a registrant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

1. Registrant /Client Name:	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION				
Registrant Type:	State Agency				
Secretary of the State business ID #:					
Mailing Address:	4 Brewery Street				
City/Town:	New Haven	State:	CT	Zip Code:	06511
Business Phone:	(203) 401-5160	ext.:			
<i>Example:(xxx) xxx-xxxx</i>					
Contact Person:	Michael Mendick, PE, CCM	Title :	District Engineer		
E-Mail:	michael.mendick@ct.gov				
2. List billing contact:					
Name:	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION				
Mailing Address:	4 Brewery Street				
City/Town:	New Haven	State:	CT	Zip Code:	06511
Business Phone:	(203) 401-5160	ext.:			
Contact Person:	Michael Mendick, PE, CCM	Title :	District Engineer		

3. List primary contact for departmental correspondence and inquiries:
 Name: STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION
 Mailing Address: 4 Brewery Street
 City/Town: New Haven State: CT Zip Code: 06511
 Business Phone: (203) 401-5160 ext. _____
 Contact Person: Michael Mendick, PE, CCM Title: District Engineer

4. List owner of the property on which the activity will take place:
 Name: STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION
 Mailing Address: 4 Brewery Street
 City/Town: New Haven State: CT Zip Code: 06511
 Business Phone: (203) 401-5160 ext. _____
 Contact Person: Michael Mendick, PE, CCM

5. List preparer:
 Name: HNTB CORPORATION
 Mailing Address: 55 Capital Blvd
 City/Town: Rocky Hill State: CT Zip Code: 06067
 Business Phone: (973)434-3239 ext. _____
 Contact Person: Nick Parenty Title: Engineer III

6. List design professional:
 Name: WSP USA, INC.
 Mailing Address: 500 Winding Brook Dr
 City/Town: Glastonbury State: CT Zip Code: 06033
 Business Phone: (860)659-0444 ext. _____
 Contact Person: W. Patrick Doherty, PE Title: Supervising Engineer

7. List Reviewing Qualified Professional (for locally approvable projects only):
 Name: David Schweitzer
 Mailing Address: 55 Capital Blvd
 City/Town: Rocky Hill State: CT Zip Code: 06067
 Business Phone: (860)256-0424 ext. _____
 Contact Person: . Title: _____

Part IV: Site Information

1. Site Name: Walk Bridge Advanced Utilities Construction Contr.
 Street Address or Description of Location: _____
 City/Town: Norwalk State: CT Zip Code: 06854
 Brief Description of construction activity:
The scope is to upgrade and, if necessary, replace and relocate existing utilities along East Avenue to accommodate future infrastructure improvements.
 Project Start Date: 1 Aug 2021 Anticipated Completion Date: 1 May 2024
 Normal working hours: 8 to 4

2. **MINING** : Is the activity on the site in question part of mining operations (i.e. sand and gravel)? Yes No

If yes, mining is not authorized by this general permit. You must submit the Registration Form for the General Permit for the Discharge of Stormwater Associated with Industrial Activity.

3. **COMBINED OR SANITARY SEWER:** Does all of the stormwater from the proposed activity discharge to a combined or sanitary sewer (i.e. a sewage treatment plant)? Yes No

If yes, this activity is not regulated by this permit. Contact the Water Permitting & Enforcement Division at 860-424-3018.

4. **INDIAN LANDS:** Is or will the facility be located on federally recognized Indian lands? Yes No

5. **COASTAL BOUNDARY:** Is the activity which is the subject of this registration located within the coastal boundary as delineated on DEEP approved coastal boundary maps? Yes No

The coastal boundaries fall within the following towns: Branford, Bridgeport, Chester, Clinton, Darien, Deep River, East Haven, East Lyme, Essex, Fairfield, Greenwich, Groton (City and Town), Old Lyme, Guilford, Hamden, Ledyard, Lyme, Madison, Milford, Montville, New London, New Haven, North Haven, Norwalk, Norwich, Old Saybrook, Orange, Preston, Shelton, Stamford, Stonington (Borough and Town), Stratford, Waterford, West Haven, Westbrook and Westport.

If "yes", and this registration is for a new authorization or a modification of an existing authorization where the physical footprint of the subject activity is modified, you must provide documentation to the DEEP Office of Long Island Sound Programs or the local governing authority has issued a coastal site plan approval or determined the project is exempt from coastal site plan review. Provide this documentation with your registration as Attachment B. See guidance in Appendix D of the general permit. Information on the coastal boundary is available at the local town hall or on the [Connecticut Coastal Resources Map](#) . Additional DEEP Maps and Publications are available by contacting DEEP Staff at 860-424-3555.

6. **ENDANGERED OR THREATENED SPECIES:**

In order to be eligible to register for this General permit, each registrant must either perform a self-assessment, obtain a limited one-year determination, or obtain a safe-harbor determination regarding threatened and endangered species. This may include the need to develop and implement a mitigation plan. While each alternative has different limitations, the alternatives are not mutually exclusive; a registrant may register for this General Permit using more than one alternative. See Appendix A of the general Permit. Each registrant must complete this AND Attachment C to this Registration form and a registrant who does not or cannot do so is not eligible to register under this General Permit.

Each registration must perform a review of the Department's Natural Diversity Database maps to determine if the site of the construction activity is located within or in proximity (within ¼ mile) to a shaded area.

- a. Provide the date of the NDDB maps were reviewed: 15 Jun 2021 (Print a copy of the NDDB map you viewed since it must be submitted with this registration as part of Attachment C.)

- b. For a registrant using a limited one-year determination or safe harbor determination to register for this General Permit, provide the Department's Wildlife Division NDDB identification number for any such determination:

_____ (The number is on the determination issued by the Department's Wildlife Division).

For more information on threatened and endangered species requirements, refer to Appendix A and section 3(b)(2) of this General Permit, Visit the DEEP website at [Natural Diversity Data Base](#) or call the NDDB at 860-424-3011.

- c. I verify that I have completed Attachment C to this Registration Form. Yes

7. **WILD AND SCENIC RIVERS:** Is the proposed project within the watershed of a designated Wild and Scenic River? (See Appendix H for guidance) Yes No

8. **AQUIFER PROTECTION AREAS:** Is the site located within a mapped [Aquifer Protection Area](#) , as defined in Section 22a-354h of the CT General Statutes? (For additional guidance, please refer to Appendix C of the General Permit) Yes No

9. **Connecticut Guidelines for Soil Erosion and Sediment Control Guidelines:** Is the activity in accordance with Connecticut Guidelines for Soil Erosion and Sediment Control Guidelines and local erosion & sediment control ordinances, where applicable? Yes No

10. HISTORIC AND/OR ARCHAEOLOGICAL RESOURCES:

Has the site of the proposed activity been reviewed (using the process outlined in Appendix G of this permit) for historic and/or archaeological resources? Yes No

- a. The review indicates the proposed site does not have the potential for historic/ archaeological resources, OR Yes No

- b. The review indicated historic and/ or archaeological resource potential exists and the proposed activity is being or has been reviewed by the Offices of Culture and Tourism, OR NA Yes No

- c. The proposed activity has been reviewed and authorized under an Army Corps of Engineers Section 404 wetland permit. NA Yes No

11. CONSERVATION OR PRESERVATION RESTRICTION:

Is the property subject to a conservation or preservation restriction? Yes No

If Yes, proof of written notice of this registration to the holder of such restriction or a letter from the holder of such restriction verifying this registration is in compliance with the terms of the restriction, must be submitted as Attachment D.

Part V: Stormwater Discharge Information

Table 1

Outfall #	a) Type	b) Pipe Material	c) Pipe Size	d) Note: To find lat/long, go to: CT ECO . A decimal format is required here. Directions on how to use CT ECO to find lat. /long. and conversions can be found in in Part V, section d of the DEEP-WPED-INST-015 .		e) What method was used to obtain your latitude/longitude information?
				Longitude (Format: -xx.xxxxx)	Latitude (Format: xx.xxxxx)	
EO-01	Pipe	Concrete	24"	-73.402764	41.101228	ezFile Portal Map

Part V: Stormwater Discharge Information Continued

Table 2

2. Provide the following information about the receiving water(s)/wetland(s) that receive stormwater runoff from your site, either directly or through the storm sewer system:							
Outfall #	Dates when this outfall will be active:	a) To what system or receiving water does your stormwater runoff discharge? either "storm sewer or wetlands" or "waterbody" (If you select storm sewer or wetlands, columns c.1&2 of this table are not required to be completed)	b) What is your watershed ID (freshwater) or 305b ID (estuary)? (Section 3.b, of the DEP-GP-INST-015 explains how to find this information)	c.1) Is your receiving water identified as an impaired water in the "Impaired Waters Table for Construction Stormwater Discharges" ?	<i>If you answered yes to question c.1, then answer the question below</i>	For the drainage area associated with each outfall:	For the drainage area associated with each outfall:
					c.2) Has any Total Maximum Daily Load (TMDL) been approved for your receiving waterbody?		
EO-01	Start: 1 Aug 2021 End: _____	Waterbody	200	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA	155070	155070
_____	Start: _____ End: _____	Select One	_____	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	_____	_____
_____	Start: _____ End: _____	Select One	_____	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	_____	_____
_____	Start: _____ End: _____	Select One	_____	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	_____	_____
_____	Start: _____ End: _____	Select One	_____	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA	_____	_____
Provide the total effective impervious area for the entire site(sq ft):						155070	155070

Part V: Stormwater Discharge Information (continued)

Impaired waters: If you answered "yes" to Table 2, question 2.c.1, **verify** that the project's Pollution Control Plan (Plan) addresses the control measures below in Question 1 or 2, as appropriate.

1. **If the impaired water does not have a TMDL**, confirm compliance by selecting 1.a. or 2.b. below:

a. No more than 3 acres is disturbed at any time; Yes

OR

b. Stormwater runoff from a 2 yr, 24 rain event is **retained**. Yes

2. **If the impaired water has a TMDL**, confirm compliance by selecting 2.a. and 2.b. below and either question 2.c.1. or 2.c.2. below:

a. The Plan documents there is sufficient remaining Waste Load Allocations (WLA) in the TMDL for the proposed discharge, Yes

AND

b. Control measures shall be implemented to assure the WLA will not be exceeded, Yes

AND

c. 1. Stormwater discharges will be monitored for the indicator pollutant identified in the TMDL, Yes

OR

2. The Plan documents specific requirements for stormwater discharges specified in the TMDL. Yes

Part VI: Pollution Control Plan Availability (check one of the following four categories)

I am registering a Locally Exempt project and submitting the required electronic Plan (in Adobe™ PDF or similarly publically available format) pursuant to Section 3(c)(2)(E) of this permit.

Plan is attached to this registration form

Plan is available at the following Internet Address (URL):

I am registering a Locally Approvable project and have chosen not to submit the Plan with this registration pursuant to Section 3(c)(1) of this permit.

I am registering a Locally Approvable project and have chosen to make my Plan electronically available pursuant to Section 4(c)(2)(N) of this permit.

Plan is attached to this registration form

Plan is available at the following Internet Address (URL):

I am registering a Locally exempt project and do not have the capability to submit the Plan electronically. Therefore, I am submitting a paper copy with this registration as Attachment E.

Part VII: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

For New Registrants:

"I hereby certify that I am making this certification in connection with a registration under such general permit, submitted to the commissioner by E OF CONNECTICUT DEPARTMENT OF TRANSPORTA for an activity located at _____, Norwalk, CT 06854 and that all terms and conditions of the general permit are being met for all discharges which have been initiated and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that the registration filed pursuant to this general permit is on complete and accurate forms as prescribed by the commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 3(b) (8) (B) of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Connecticut General Statutes, as amended by Public Act 12-172. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."

For Re-registrants:

"I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, submitted to the commissioner by _____ for an activity located at _____

and that all terms and conditions of the general permit are being met for all discharges which have been initiated and such activity is eligible for authorization under such permit. I further certify that all designs and plans for such activity meet the current terms and conditions of the general permit in accordance with Section 5(b)(5)(C) of such general permit and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I verify that the registration filed pursuant to this general permit is on complete and accurate forms as prescribed by the commissioner without alteration of their text. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this verification is based is true, accurate and complete to the best of my knowledge and belief. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and an other applicable law."

Signature of Registrant	
Michael Mendick, PE, CCM	District Engineer
Name of Registrant (print or type)	Title (if applicable)

Signature of Preparer and Date (if different than above)	
Nick Parenty	Engineer III
Name of Preparer (print or type)	Title (if applicable)

Part VIII: Professional Engineer (or Landscape Architect, where appropriate) Design Certification (for publicly approvable and exempt projects)

The following certification must be signed by a Professional Engineer, or Landscape Architect where appropriate.

<p>"I hereby certify that I am a _____ licensed in the State of Connecticut. I am making this certification in connection with a registration under such general permit, submitted to the commissioner by <u>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</u> for an activity located at _____, Norwalk, CT 06854.</p> <p>I certify that I have thoroughly and completely reviewed the Stormwater Pollution Control Plan for the project or activity covered by this certification. I further certify, based on such review and on the standard of care for such projects, that the Stormwater Pollution Control Plan has been prepared in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, the Stormwater Quality Manual, as amended, and the conditions of the general permit, and that the controls required for such Plan are appropriate for the site. I further certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I also understand that knowingly making any false statement in this certification may subject me to sanction by the Department and/or be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."</p>	
<p>_____</p>	
<p>Signature of Design Professional and Date</p>	
<p>W. Patrick Doherty, PE</p>	<p>PEN.0021331</p>
<p>Name of Professional (print or type)</p>	<p>License Number</p>
<p>Affix P.E./L.A Stamp Here</p>	

Part IX: Reviewing Qualified Professional Certification

The following certification must be signed by a) a Conservation District reviewer OR, b) a qualified soil erosion and sediment control and/ or professional engineer

<input type="checkbox"/> Review Certification by Conservation District:
1.) District: _____ Date of Affirmative Determination: _____
" I am making this certification in connection with a registration under General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities, submitted to the commissioner by _____ for an activity located at _____.
I have personally examined and am familiar with the information that provides the basis for this certification, and I affirm, based on the review described in Section 3(b)(11)(C) of this general permit and on the standard of care for such projects, that the Stormwater Pollution Control Plan is adequate to assure that the activity authorized under this general permit will comply with the terms and conditions of such general permit and that all stormwater management systems: (i) have been designed to control pollution to the maximum extent achievable using measures that are technologically available and economically practicable and that conform to those in the Guidelines and the Stormwater Quality Manual; (ii) will function properly as designed; (iii) are adequate to ensure compliance with the terms and conditions of this general permit; and (iv) will protect the waters of the state from pollution."
_____ Signature of District Professional and Date
_____ Name of District Professional
_____ License Number (if applicable)
Or
<input checked="" type="checkbox"/> Review Certification by Qualified Professional:
Company Name: <u>David Schweitzer</u>
Name: _____
License #: <u>PEN.0017515</u>
Level of independency of professional:
Required for all projects disturbing over 1 acre:
1. I verify I am not an employee of the registrant. <input checked="" type="checkbox"/> Yes
2. I verify I have no ownership interest of any kind in the project for which the registration is being submitted. <input checked="" type="checkbox"/> Yes
Required for projects with 15 or more acres of site disturbance (in addition to questions 1&2):
3. I verify I did not engage in any activities associated with the preparation, planning, designing or engineering of the soil erosion and sediment control plan or stormwater management systems plan for this registrant. <input type="checkbox"/> Yes
4. I verify I am not under the same employ as any person associated with the preparation, planning, designing or engineering of the soil erosion and sediment control plan or stormwater management systems plan for this registrant. <input type="checkbox"/> Yes

Part IX: Reviewing Qualified Professional Certification (continued)

"I hereby certify that I am a qualified professional engineer or qualified soil erosion and sediment control professional, or both, as defined in the General Permit for Discharge of Stormwater and Dewatering Wastewaters from Construction Activities and as further specified in Sections 3(b)(11)(A) and (B) of such general permit. I am making this certification in connection with a registration under such general permit, submitted to the commissioner by STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION for an activity located at _____, Norwalk, CT 06854.

I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(11)(C) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify, based on my review of all information described in Section 3(b)(11)(C) of such general permit and on the standard of care for such projects, that I have made an affirmative determination in accordance with Sections 3(b)(11)(D)(i) and (ii) of this general permit. I understand that this certification is part of a registration submitted in accordance with Section 22a-430b of Connecticut General Statutes, as amended by Public Act 12-172, and is subject to the requirements and responsibilities for a qualified professional in such statute. I also understand that knowingly making any false statement in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under Section 53a-157b of the Connecticut General Statutes and any other applicable law."

Signature of Reviewing Qualified Professional

David Schweitzer PEN.0017515

Name of Reviewing Qualified Professional License No.

Affix P.E./ L.A. Stamp Here

Note: Please submit the fee along with a completed, printed and signed Registration Form and all additional supporting documents to:

**CENTRAL PERMIT PROCESSING UNIT
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127**

STORMWATER POLLUTION CONTROL PLAN

EzFile No. 74873



WALK BRIDGE ADVANCED UTILITIES CONSTRUCTION CONTRACT

Norwalk, Connecticut



Federal Transit Administration
U.S. Department of Transportation



Connecticut Department of Transportation

June 2021

This Stormwater Pollution Control Plan (SWPCP) is prepared to comply with the requirements for the General Permit for Stormwater Discharges from Construction Activities and the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control (2002 E&S Guidelines).

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- Appendix E: Construction Site Environmental Inspection Report (CSEIR)
- Appendix F: Notice of Termination Form

1. Development & Contents of Plan

The Plan shall consist of site plan drawings and a narrative. The Plan shall be prepared in accordance with sound engineering practices, and shall be consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control (2002 E&S Guidelines), the 2004 Connecticut Stormwater Quality Manual (2004 SWQ Manual), and any applicable requirements of this general permit.

2. Site Description

Site Description

The Walk Bridge Advanced Utilities Construction Contract is a roadway utilities project along East Avenue in the City of Norwalk, Connecticut. The project runs from Olmstead Place to Winfield Street and will impact approximately 3,000 linear feet of roadway. Utilities will be upgraded and, if necessary, replaced and relocated to accommodate future infrastructure improvements. Utilities impacted by the project include communications, electric, sanitary and water mains. The project will not impact the existing drainage systems within the project area or the outfalls from any existing drainage systems.

Within the project and surrounding areas, the topography is relatively flat, mostly consisting of small commercial sites situated along East Avenue and a mixture of residential and commercial properties surrounding the project area. Along East Avenue, there is a low point underneath Bridge No. 03691R (East Avenue Bridge). The topography within the project site is sloped towards this point. The project is outside the 100- and 500-year floodplains of the Norwalk River and Norwalk Harbor. The project site is not located in an Aquifer Protection Area or a contributing watershed to the public water supply. According to the Connecticut Natural Diversity Data Base (CT NDDDB) map for the City of Norwalk, the project site is within a known endangered or threatened species area. The project has coordinated with the Connecticut Department of Energy and Environmental Protection (CTDEEP) and determined that the site lies with nesting limits for the peregrine falcon. The project will follow appropriate procedures to avoid disturbing any nesting locations. Refer to Appendix A for the coordination information.

The project is defined as a “linear redevelopment” project. “Linear redevelopment” projects are required to retain half the water quality volume on site. The work associated with the project will not impact existing drainage patterns or increase the amount of impervious cover within the project area. Therefore, the project is not required to provide runoff reduction treatments.

Estimated Disturbed Area

The total area for the project site is 3.91 acres. Of this area, 1.48 acres will be disturbed by construction activities.

Estimated Runoff Coefficient

The runoff coefficient assumed for pavement is 0.9. For the pervious areas, a coefficient of 0.3 was assumed.

Pre-Construction

$$\frac{(0.3 \times 0.35 \text{ ac}) + (0.9 \times 3.56 \text{ ac})}{0.35 \text{ ac} + 3.56 \text{ ac}} = 0.846$$

Post-Construction

$$\frac{(0.3 \times 0.35 \text{ ac}) + (0.9 \times 3.56 \text{ ac})}{0.35 \text{ ac} + 3.56 \text{ ac}} = 0.846$$

Receiving Waters

Runoff from the project site drains directly into drainage systems that outlet into the Norwalk River and Mill Pond, which ultimately drain to the Long Island Sound.

Extent of Wetlands on Site

The project does not have any existing wetlands on site or within 50 feet.

3. Construction Sequencing

The Contractor will be given approximately 32 months for the construction of all phases of the project, which shall be revised as necessary to keep the Plan current.

The suggested construction sequencing for the project has been developed and incorporated within the Staging Plans. Refer to Appendix C for the Staging Plans.

Anticipated Construction Schedule

Start Date: August 2021

End Date: April 2024

General Notes for Construction Activities

1. Prior to construction commencing, a preconstruction meeting shall be conducted amongst the Contractor, representatives from the CTDOT and any other personnel deemed necessary.
2. Prior to construction commencing, erosion control measures shall be installed as depicted on the Erosion and Sediment Control Plans. Temporary erosion control and stabilizations measures will be installed at affected inlets and at limits of disturbed slopes. The Contractor shall perform clearing and grubbing activities within the limits of the project, prior to the start of construction.

3. Only once the disturbed areas are determined stabilized can the Contactor remove erosion control measures from the project. (This determination will be made by the Qualified Inspector).
4. All post-construction stormwater structures shall be cleaned of construction sediment and any remaining silt fence shall be removed prior to the filing of the "Notice of Termination Form".

If any of the construction sequencing activities create an area of disturbance with a total contributing drainage area of between two (2) acres and five (5) acres per discharge point, a temporary sediment trap must be provided and the Contractor must submit to the Engineer a revised SWPCP for review and approval. The SWPCP must include locations of the temporary sedimentation trap per discharge point with a capacity to contain 134 cubic yards per acre of material in accordance with the 2002 CT Erosion and Sedimentation Guidelines (2002 Guidelines). The Contractor shall provide an inspection and maintenance plan for the temporary sedimentation trap as part of the amended SWPCP.

If the areas of disturbance with a total contributing drainage area of more than five (5) acres per discharge point, a temporary engineered sedimentation basin must be provided and the Contractor must submit to the Engineer a revised SWPCP for review and approval. The SWPCP must include locations of the temporary engineered sedimentation basin designed and installed in accordance with the 2002 Guidelines. The Contractor shall provide an inspection and maintenance plan or the engineered sedimentation basin as part for the amended SWPCP.

4. Control Measures

The project will incorporate soil erosion and sediment control (SESC) measures consistent with the CTDEEP 2002 Connecticut Guidelines for Soil Erosion and Sediment Control.

Due to the moderate to heavy development surrounding the project area, a minimal amount of soil disturbance is anticipated for the project. SESC measures are limited to standard measures, such as hay bale barriers and geotextile silt fence. Existing catch basins will include catch basin filters, such as Silt Sacks.

All SESC measures will be installed prior to construction activities that will resulting in soil disturbance. The SESC measures will be inspected and maintained throughout the life of the project.

Erosion and Sedimentation Controls

The Department of Transportation (Department) will have a Qualified Inspector assigned to the project to oversee the Contractor's operations and to ensure compliance with the provisions of the Contract. Further Department oversight is provided by the District 5 Environmental Coordinator and the Office of Environmental Planning.

The following timelines will be followed for the proposed construction activities:

- The Contractor shall stabilize disturbed areas with temporary or permanent measures as quickly as possible after the land is disturbed. Requirements for soil stabilization are detailed in Form 818 Section 1.10, Environmental Compliance.
- If construction activities are completed to final grade, permanent seeding shall take place within seven (7) days.
- Areas that remain disturbed but inactive for at least thirty (30) days shall receive temporary seeding or soil protection within seven (7) days.

- Areas that will be disturbed past the planting season will be covered with a long-term, non-vegetative stabilization method that will provide protection through the winter.
- A double row of sediment control barrier shall be utilized between any disturbed area and downgradient wetland or watercourse within 50 feet, unless there would be an adverse impact to adjacent wetlands/watercourses due to installation of a double row (i.e., would result in larger wetland/watercourse impact).
- Additional erosion control barriers (double row of SCS) may also be required within the project area. Factors to be reviewed by the Engineer include but are not limited to: the contributing disturbed area, drainage area, slope, length of slope, and flow conditions to maintain sheet flow. If determined necessary, the Engineer will direct the Contractor to install and maintain additional rows of erosion control barrier (or equivalent).

Temporary Stabilization Practices

Prior to construction, the following methods of temporary stabilization shall be installed:

- Sedimentation Control System (SCS): SCS shall be placed at the toe of the slope or as directed by the Engineer. SCS measures are limited to standard measures, such as hay bale barriers and geotextile silt fence.
- Anti-Tracking Pads: Construction entrances (gravel anti-tracking pads) shall be constructed at truck access/exit points to off-road routes. Access road(s) should grade away from the main roadway, waterbodies, or wetlands.
- Dust Control: Routine sweeping and application of dust suppression agents, including but not limited to water and calcium chloride, over exposed subbase shall be completed for dust control. Additional measures may be necessary to minimize dust within the project limits and within staging and stockpile areas.
- Temporary Seeding: Temporary seeding shall be spread over any disturbed areas which will remain inactive for at least 30 days. Areas to remain disturbed through winter shall be protected with non-vegetative stabilization measures. The Contractor must provide an Erosion and Sedimentation Control plan for each winter season during construction operations.
- Catch Basin Inlet Protection: The protective device should be installed within the catch basin prior to the start of construction activities.

Stabilization practices shall be implemented after completion, as final grades are reached, within seven (7) days.

The Contractor may use other controls in the project, as necessary, that conform to the 2002 Guidelines and are approved by the Engineer. The Contractor will be required to provide the necessary details for any erosion controls not specifically called for on the project plans.

During construction, all areas disturbed by construction activity that have not been permanently stabilized, structural control measures, and locations where vehicles enter or exit the site shall be inspected at least once a week and within 24 hours of the end of a storm that generates a discharge. When storms end on a weekend, holiday or other time in which normal working hours will not commence within 24 hours, an inspection is required within 24 hours following any storm in which 0.1 inches or greater of rain occurs. For lesser storms, inspection shall occur immediately upon the start of subsequent normal working hours.

Permanent Stabilization Practices

The following methods of permanent stabilization shall be installed during construction:

- **Topsoiling**: In conjunction with permanent seeding, once final grades have been established, topsoil shall be applied to provide a suitable growth medium for vegetation.
- **Permanent Seeding**: Once soils have been brought to final grade; permanent seeding shall be used to stabilize the soil with a vegetative cover. Disturbed areas below the wetland limit shall be seeded with the appropriate seed mix. Once the site has achieved **final stabilization for at least one full growing season (April - October) in the year following** the end of construction, the Contractor shall have the **site inspected by a Qualified Inspector** to confirm such stabilization is maintained. The Qualified Inspector shall indicate compliance with this requirement on the Notice of Termination form.
- **Landscaping**: Wood chip mulch shall be placed around the plants. Plantings (trees, shrubs, etc.) may be planted along with the permanent seeding. Wood chip mulch shall NOT be utilized in wetland areas.

All new embankments disturbed by construction and unpaved areas that are graded or disturbed by construction will receive erosion control matting, topsoil and/or turf establishment. The Contractor may use other permanent stabilization practices approved by the Engineer and conforming to the 2002 Guidelines.

Structural Measures

The Walk Bridge Advanced Utilities Construction Contract's scope is to upgrade and, if necessary, replace and relocate existing utilities along East Avenue to accommodate future infrastructure improvements. No additional impervious cover will be added within the project site. Therefore, the project is not required to provide any structural measures at the site.

The following nonstructural measure shall be used to divert flows, limit runoff, and minimize the discharge of pollutants:

- **Minimal Curbing**: Curbing shall be avoided wherever possible to maximize overland sheet flow and encourage infiltration.

Maintenance

All construction activities and related activities shall conform to the requirements of Section 1.10 "Environmental Compliance" of the Department's Standard Specifications, Form 818. In general, all construction activities shall proceed in such a manner so as not to pollute any wetlands, watercourses, water body, and conduit carrying stormwater. The Contractor shall limit, in so far as possible, the surface area of earthen materials exposed by construction activity and immediately provide temporary and permanent pollution control to prevent soil erosion and contamination on the site. Water pollution control provisions and Required Best Management Practices per Section 1.10, Environmental Compliance of the Standard Specifications shall be administered during construction. Control measures shall be inspected and maintained in accordance with the 2002 Guidelines and as directed by the Engineer.

5. Dewatering Wastewaters

Dewatering for the projects will be conducted as depicted as follows:

When dewatering is necessary, pumps shall not be allowed to discharge directly into a wetland, watercourse or stormwater drainage system. Prior to any dewatering, the Contractor must submit to the Engineer a written proposal for specific methods and devices to be used, and must obtain the Engineer's written approval of such methods and devices, including, but not limited to, the pumping of water into a temporary sedimentation basin, providing surge protection at the inlet or outlet of pumps, floating the intake of a pump, or any other method for minimizing and retaining the suspended solids. If a Qualified Inspector determines that a pumping operation is causing turbidity problems, the Contractor shall halt said operation until a means of controlling the turbidity is submitted by the Contractor in writing to the Engineer approved in writing by the Engineer and implemented by the Contractor.

No discharge of dewatering wastewater shall contain or cause a visible oil sheen, floating solids or foaming in the receiving water. If required, all activities are to be performed in compliance with the Department's Form 818.

6. Post-Construction Stormwater Management

Post-construction Guidelines

After the project is complete, the Department will perform the following maintenance and restorative measures:

- Litter/debris and sweepings will be removed from the site regularly.
- Mowing and maintenance of the turf areas and vegetated areas will occur as needed.
- Stormwater drainage systems will be cleaned of sediment/debris as directed by the District Drainage Engineer.

Post Construction Performance Standards

In order to comply with the Department's MS4 Permit requirements, projects shall seek to reduce the effective impervious cover (as defined in 12/41/20 Construction SW Permit) to the maximum extent practicable.

The Walk Bridge Advanced Utilities Construction Contract is defined as a "linear development" project. "Linear development" projects are required to retain half the project's water quality volume (WQV) and provide additional stormwater treatment for discharges up to the full WQV for sediment, floatables and nutrients. The project will not provide any stormwater retention measures. The scope of the project is to upgrade, replace or relocate existing utilities along East Avenue in preparation for future projects within the area. The project will not increase the amount of impervious cover within the site or alter existing drainage patterns.

The project is in an area with moderate to dense development. Due to the surrounding development, the project is constrained within the corresponding State right-of-way limits. The project would require acquisition of surrounding parcels to construct adequate retention basins to achieve the retention goals for "linear development" projects. Since the project's proposed work will not increase impervious cover on the site or post-construction flows, adding retention basins at the site is not practicable.

Suspended Solids and Floatables Removal:

The project's scope is to upgrade and if necessary, replace and relocate existing utilities along East Avenue to accommodate future infrastructure improvements. The project will not impact existing drainage systems along East Avenue nor provide any primary treatments for total TSS removal impact. Future projects, including the East Avenue Roadway Improvement Project (State Project No. 0102-0297), plan to improve the existing drainage systems along East Avenue. The East Avenue Roadway Improvement Project will install thirty-five (35) new catch basins and manholes as part of the project. Each proposed catch basin will have a two-foot sump, providing an initial TSS treatment before entering the existing drainage system.

7. Other Controls

Waste Disposal

Construction site waste shall be properly managed and disposed of during the entire construction period.

The following is applicable:

- A waste collection area will be designated. The selected area will minimize truck travel through the site and will not drain directly to the adjacent wetlands.
- Waste collection shall be scheduled regularly to prevent the containers from overflowing.
- Spills shall be cleaned up immediately.
- Defective containers that may cause leaks or spills will be identified through regular inspection. Any found to be defective will be repaired or replaced immediately.
- Any stockpiling of materials should be confined to the designated area as approved by the Engineer.

Washout Areas

Washout of applicators, containers, vehicles, and equipment for concrete shall be conducted in a designated washout area. No surface discharge of washout wastewaters from the area will be allowed. All concrete wash water will be directed into a container or pit such that no overflows can occur. Washout shall be conducted in an entirely self-contained system and will be clearly designed and flagged or signed where necessary. The washout area shall be located outside of any buffers and at least 50 feet from any stream, wetland or other sensitive water or natural resources as determined or designated by the Department's Office of Environmental Planning or the project engineer.

Washout Area(s) will be site located by the Contractor, approved by the Engineer and the SWPCP revised as appropriate. The "Concrete Washout Area" detail <https://portal.ct.gov/-/media/DOT/documents/dpolicy/WaterNoiseCompliance/HelpfulDesign/ConcreteWashoutDetail.pdf?la=en> shows the recommended method of construction for the washout area. The designated area shall be designed and maintained such that no overflows can occur during rainfall or after snowmelt.

Anti-tracking Pads and Dust Control
(Form 818- Sections 2.11/9.39/9.42/9.43)

Off-site vehicle tracking of sediments and the generation of dust shall be minimized. Temporary anti-tracking pads from the active work site to the existing pavement will be installed and maintained at the locations shown on the plans.

The Contractor shall:

- Maintain the entrance in a condition which will prevent tracking and washing of sediment onto paved surfaces.
- Provide periodic top dressing with additional stone or additional length as conditions demand.
- Repair any measures used to trap sediment as needed.
- Immediately remove all sediment spilled, dropped, washed, or tracked onto paved surfaces.
- Ensure roads adjacent to a construction site are left clean at the end of each day.

If the construction entrance is being properly maintained and the action of a vehicle traveling over the stone pad is not sufficient to remove the majority of the sediment, then the contractor shall either:

- Increase the length of the construction entrance,
- Modify the construction access road surface, or
- Install washing racks and associated settling area or similar devices before the vehicle enters a paved surface.

For construction activities which cause airborne particulates, wet dust suppression shall be utilized. Construction site dust will be controlled by sprinkling the ground surface with water until it is moist on an as-needed basis. The volume of water sprayed shall be such that it suppresses dust yet also prevents the runoff of water.

Maintaining and Storing Vehicles and Equipment
Storage of Chemicals & Petroleum Products

The Contractor shall take measures to prevent any contamination to wetlands and watercourses while maintaining and storing construction equipment on the site. All chemical and petroleum containers stored on site shall be provided with impermeable containment which will hold at least 110% of the volume of the largest container, or 10% of the total volume of all containers in the area, whichever is larger, without overflow from the containment area. All chemicals and their containers shall be stored under a roofed area except for those stored in containers of 100-gallon capacity or more, in which case double-walled tanks will suffice. Accumulation of rainwater within secondary containment must be visually inspected for sheen prior to being discharged. If any sheen is identified; the accumulated water must be removed by the Contractor to an appropriate off-site location.

8. Inspections

The Qualified Inspector will conduct site inspections once a week or after any rain event of 0.1 inches or greater. The Qualified Inspector conducting inspections shall fill out a [Construction Site Environmental Inspection Report \(CSEIR\)](#) for each inspection described below. Each report shall be retained as a part of the SWPCP. The report shall include a statement that, in the judgment of the Qualified Inspector(s) conducting the site inspection, the site is either in compliance or out of compliance with the terms and conditions of the Plan and permit. If the site inspection indicates that the site is out of compliance, the inspection report shall include a summary of the remedial actions required to bring the site back into compliance, review Keeping Plans Current. Once a month, a CSEIR Report containing the weekly CSEIRs must be electronically submitted to CTDEEP by either the District Environmental Coordinator or a Qualified Inspector.

Plan Implementation Inspections

For each phase of construction, the site shall be inspected at least once within the first 30 days of construction activity and at least three times, with seven (7) or more days between inspections, within the first 90 days of construction activity to confirm compliance and proper initial implementation of all control measures.

Routine Inspections

The Permittee will maintain a rain gauge on-site to document rainfall amounts. During construction, all areas disturbed by the construction activity that have not been stabilized, all erosion and sediment control measures, structural control measures, soil stockpile areas, washout areas, and locations where vehicles enter or exit the site shall be inspected for evidence of or the potential for pollutant entering the drainage systems and impacts to the receiving waters at least every seven (7) calendar days and within 24 hours of the end of a storm that generates a discharge.

For storms that end on a weekend, holiday, or other time in which normal working hours will not commence within 24 hours, an inspection is required within 24 hours following any storm in which 0.1 inches or greater of rain occurs. For lesser storms, inspection shall occur immediately upon the start of subsequent normal working hours.

Where sites have been temporarily or finally stabilized, such inspection shall be conducted at least weekly until final stabilization has been achieved.

Qualified Inspectors provided by the Department’s District 5 Office shall conduct inspections.

The following items shall be inspected as described below:

<u>Item</u>	<u>Procedure</u>
General	Construction areas and the perimeter of the site shall be inspected for any evidence of debris that may blow or wash off site or that has blown or washed off site. Construction areas shall be inspected for any spills or unsafe storage of materials that could pollute off site waters.

Sedimentation Control System (SCS)	The SCS shall be inspected to ensure that the fence line is intact with no breaks or tears. The fence shall be firmly anchored to the ground. Areas where the fence is excessively sagging or where support posts are broken or uprooted shall be noted. Depth of sediment behind the fence shall be noted.
Concrete Washout Area	Containers or pits shall be inspected at least once a week to ensure structural integrity, adequate holding capacity and will be repaired prior to future use if leaks are present. The contractor shall remove hardened concrete waste when it accumulates to a height of 1/2 of the container or pit or as necessary to avoid overflows. All concrete waste shall be disposed of in a manner consistent with all applicable laws, regulations and guidelines.
Catch Basin Protection	Protective measures shall be inspected to ensure that sediment is not entering the catch basins. Catch basin sumps shall be monitored for sediment deposition. Hay bales shall be inspected to ensure they have not clogged. Catch basin filters, such as silt sacks will be installed within all the existing catch basins. The catch basin filters shall be inspected regularly to ensure they have not clogged.
Anti-tracking Pad	Locations where vehicles enter or exit the site shall be inspected for evidence of off-site tracking.
Dust Control	Measures shall be taken for the purpose of allaying (diminishing) dust conditions. Measures may include the use of sweeping equipment and/or the application of water or calcium chloride.

Post-Construction

Upon completion of construction activities and stabilization of the site, all post-construction stormwater structures shall be cleaned of construction sediment or debris and the site shall be inspected to confirm compliance with all post-construction stormwater management requirements. Sediment shall be properly disposed of in accordance with all applicable laws, regulations and guidelines. Any remaining sediment control system(s) SCS shall be removed prior to acceptance of the project by the Department.

Final Stabilization Inspection

Upon Once the site has achieved final stabilization, the site shall be inspected to confirm stabilization is maintained, and a Notice of Termination Form shall be submitted.

9. Keeping Plans Current

Revisions to Stormwater Pollution Control Plans

The Department shall amend the Plan if the actions required by the Plan fail to prevent pollution or otherwise comply with provisions of the General Permit. The Plan shall also be amended whenever there is a change in contractors or sub-contractors at the site, or a change in design, construction, operation, or maintenance at the site which has not otherwise been addressed in the plan.

If the results of the inspections require modifications to the Stormwater Pollution Control Plan, the plans shall be revised as soon as practicable after the inspection. Such modifications shall provide for a timely implementation of any changes to non-engineered controls on the site within 24 hours and implementation of any changes to the plan within three (3) calendar days following the inspection. For Engineered measures, corrective actions shall be implemented on site within seven (7) days and incorporated into a revised Plan within ten (10) days of the date of inspection.

In no event shall the requirements to keep the Plan current or update a Plan, relieve the permittee and their contractor(s) of the responsibility to properly implement any actions required to protect the waters of the State and to comply with all conditions of the permit.

10. Contractors

General

This section shall identify all Contractors and Subcontractors who will perform on site actions which may reasonably be expected to cause or have the potential to cause pollution of the waters of the State.

Certification Statement

All contractors and subcontractors must sign the attached statement. All certifications will be included in the Stormwater Pollution Control Plan.

State Project No. 0301-0515

Walk Bridge Advanced Utilities Construction Contract

Norwalk, CT

"I certify under penalty of law that I have read and understand the terms and conditions of the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. I understand that as Contractor on the project, I am covered by this General Permit, and must comply with the terms and conditions of this permit, including, but not limited to, the requirements of the Stormwater Pollution Control Plan prepared for this project."

GENERAL CONTRACTOR

Signed: _____

Date: _____

Title: _____

Firm: _____

Telephone: _____

Address: _____

SUBCONTRACTOR

Signed: _____

Date: _____

Title: _____

Firm: _____

Telephone: _____

Address: _____

General:

This Stormwater Pollution Control Plan (SWPCP) is prepared to comply with the requirements for the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. Also, to be considered part of the SWPCP are the proposed construction plans, special provisions, and the Connecticut Department of Transportation's "Standard Specifications for Roads, Bridges and Incidental Construction" (Form 818) including supplements thereto and the 2002 Connecticut Guidelines for Erosion and Sediment Control (2002 E&S Guidelines) and 2004 Stormwater Quality Manual (2004 SWQ Manual).

List of applicable Figures / Plans:

Appendix A - Figures

USGS Location Maps	Figure 01
CT NDDDB Map	Figure 02
CT NDDDB Coordination Letter	Figure 03 thru Figure 08
Drainage Area Maps	DA-01
Disturbed Erodible Area Map	DEA-01 thru DEA-02

Appendix B - Drainage Calculations

Water Quality Volume Calculation

Appendix C - State Project No. 0301-0515 Plan Sheets

Overall Utility Plans	UTO-301 thru UTO-304
Trenching Plans	TRE-301 thru TRE-304
Site Restoration Plans	SRP-301 thru SRP-304, SRP-311
Sedimentation & Erosion Control Plans	SED-101 thru SED-107, SED-113
Staging Plans	STG-301 thru STG-308, STG-311

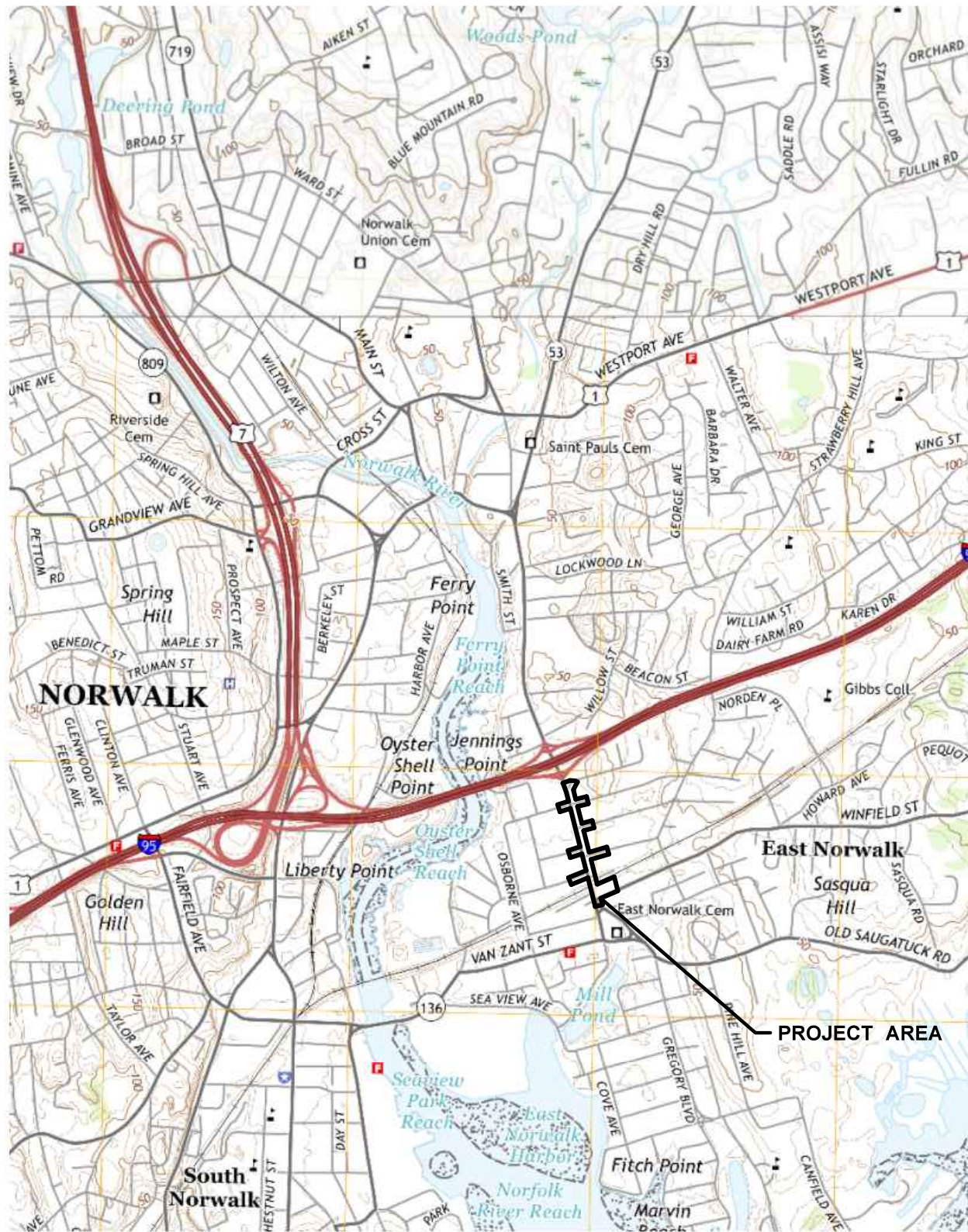
Appendix D - CTDOT MS4 Project Design Maximum Extent Practicable Worksheet

Appendix E - Construction Site Environmental Inspection Report (CSEIR)

Appendix F - Notice of Termination Form

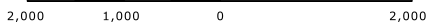
APPENDIX A

Figures



PROJECT AREA

SCALE 1" = 2,000'



SOURCE: USGS NORWALK NORTH, CT-NY QUADRANGLE, DATED 2018
USGS NORWALK SOUTH, CT-NY QUADRANGLE, DATED 2015






Town: **NORWALK**
Drawing Title: **USGS LOCATION MAP**

Project Title: **WALK BRIDGE
ADVANCED UTILITY
CONSTRUCTION CONTRACT**

Natural Diversity Data Base Areas

NORWALK, CT

December 2020

-  State and Federal Listed Species
-  Critical Habitat
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Critical Habitats. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDDB) from a variety of data sources. Exact locations of species have been buffered to produce the generalized locations.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a hatched area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

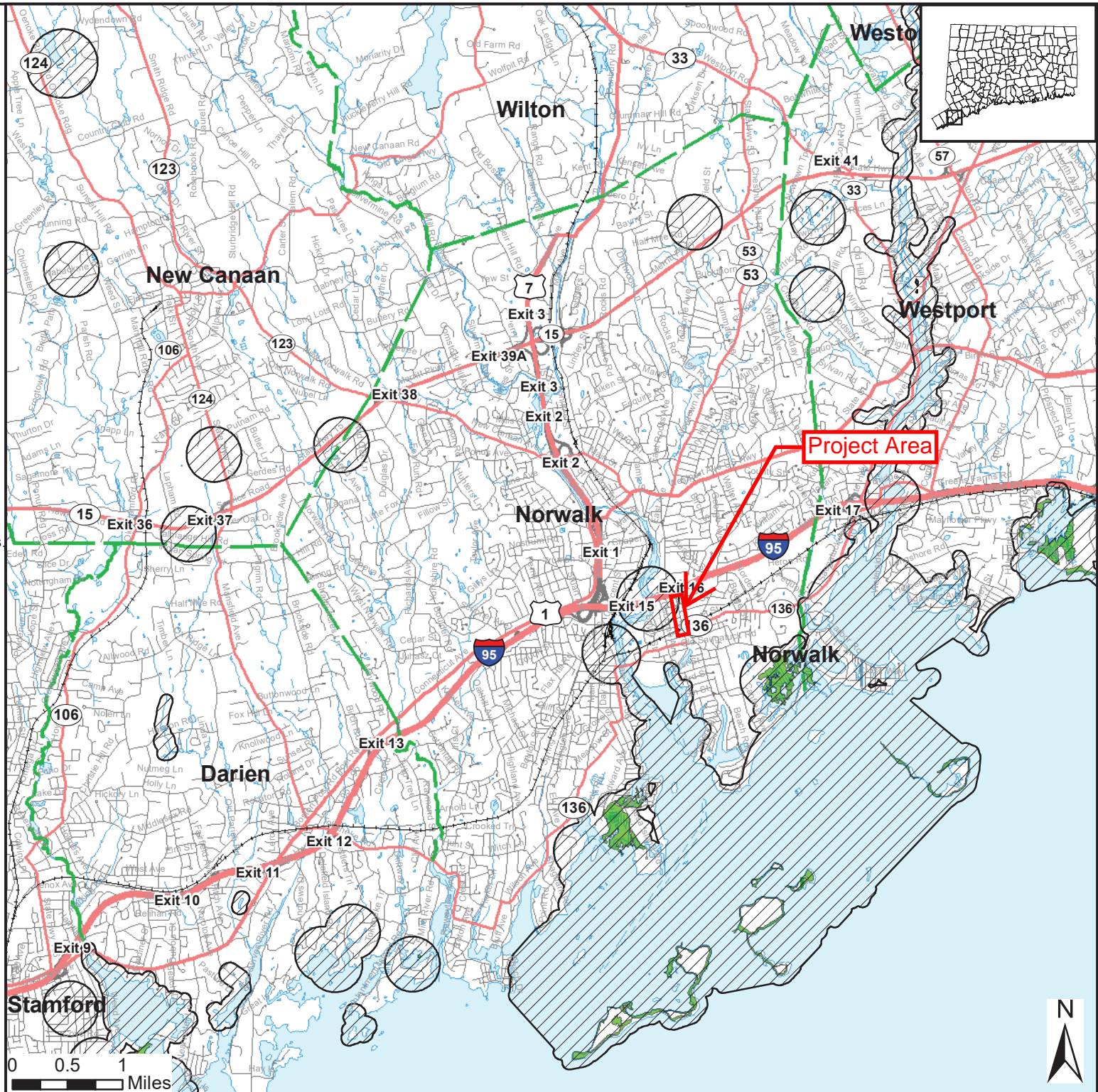
www.ct.gov/deep/nddbrequest

Use the CTECO Interactive Map Viewers at <http://cteco.uconn.edu> to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St, Hartford, CT 06106
email: deep.nddbrequest@ct.gov
Phone: (860) 424-3011



Connecticut Department of Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division





NDDB COORDINATION LETTER

Connecticut Department of

ENERGY & ENVIRONMENTAL PROTECTION

May 16, 2021

Christopher Samorajczyk
CT Department of Transportation
2800 Belin Turnpike
P.O. Box 317546
Newington, CT 06131
christopher.samorajczyk@ct.gov

Project: CTDOT Project # 301-176, Replacement of Walk Bridge (Bridge No.04288RR/Metro North) Over Norwalk River with Use of 68 & 70 Water Street and Small Portion of Manresa Island as Staging Areas in Norwalk, Connecticut
NDDB Determination No.: 202106690

Dear Christopher Samorajczyk,

I have re-reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed CTDOT Project # 301-176, River Replacement of Walk Bridge (Bridge No.04288RR/Metro North) Over Norwalk River with Use of 68 & 70 Water Street and Small Portion of Manresa Island as Staging Areas in Norwalk, Connecticut. According to our information we have records for State Threatened *Falco peregrinus* (Peregrine falcon) and State Special Concern *Malaclemys t. terrapin* (Northern diamondback terrapin) from the vicinity of this project. Thank you for including the protocols you will follow to ensure the protection of the nesting peregrine falcon and northern diamondback terrapin with respect to this project. I concur that by utilizing these protection protocols it will lessen the adverse impact on these two species. I attached the protection plans you have proposed. This determination is good for two years. Please re-submit an NDDB Request for Review if the scope of work changes or if work has not begun on this project by May 16, 2023.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov . Thank you for consulting the Natural Diversity Data Base. .

Dawn M. McKay
Environmental Analyst 3



PEREGRINE FALCON

Connecticut Threatened Species

Protective Legislation: *Federal* - Migratory Bird Treaty Act of 1918. *State* - Connecticut General Statutes Sec. 26-311.

Scientific Name: *Falco peregrinus*

Size: 15-20 inches (38.1-50.8 cm) in length

Wingspan: 43-46 inches (109.2-116.8 cm)

Habitat Type:

Open country, from coastal lowlands to mountainous high country. High perches in urban areas, bridges and billboards.

Coloration:

- Adult peregrine falcons have long, pointed wings and a long, rounded tail with narrow, black bands, ending with a broad, dark band tipped with white.
- The barred upperparts are blue-gray, while the underparts are white to light buff and cross-banded with brown.
- The black crown and nape extend to the cheeks, forming a distinct black helmet.
- The feet are yellow.
- Immature peregrines are similar, but the back and underparts are brown and the throat is heavily streaked with brown.
- Both adult and immature peregrines have a bold, dark, vertical whisker-like mark (mustache mark) on the sides of the head.

Characteristics:

- Long-winged, medium-sized bird of prey.
- **Call:** A rasping kack-kack-kack. Also a long ascending wail, WEEchew-WEE-chew.
- **Typical Nesting Period:** April through July.
- Nest sites are located above open areas consisting of a hollow, unlined scrape on a cliff, ledge or rocky outcrop. There are falcon nest boxes (top, right photo) located on bridges across Connecticut. Abandoned hawk or raven nests may also be used.
- Pairs may use the same nest site for years

The peregrine falcon is a highly vocal and aggressive bird. Falcons pose a threat to anyone working around the nest area. Falcons will actively defend their nests by swooping and diving at predators. Falcons are capable of plunging from tremendous heights at speeds estimated at over 180 miles per hour. This is their preferred method of hunting. Falcons have sharp talons for grasping and holding prey and should not at anytime be approached or handled. It is required that there be no harassment, intentional or unintentional, to any falcons under state and federal law.

If any peregrine falcons are observed in or around the project area the Office of Environmental Planning (OEP) must be notified at 860-594-2937 or 860-594-2938. If OEP staff cannot be reached at either of the above referenced phone numbers, the District environmental coordinator will need to be contacted to facilitate further coordination with OEP's Water and Noise Compliance Unit.

SECTION 1.10 ENVIRONMENTAL COMPLIANCE

**In Article 1.10.03-Water Pollution Control:
REQUIRED BEST MANAGEMENT PRACTICES**

Add the following after Required Best Management Practices Number 13:

14. The peregrine falcon (*Falco peregrinus*) is a State threatened species and Connecticut's largest falcon, measuring up to 20 inches. Adults are slate gray above and pale underneath with fine bars and spots of black; they have long pointed wings with a narrow tail. Young falcons have the same composition but are darker underneath and browner all over. Peregrine falcons have adapted to life in urban settings. In Connecticut, they sometimes utilize bridges for nesting and brood rearing purposes. Peregrines will actively and aggressively defend the nest. The peregrine will attack anyone or anything that comes within the area of its nest. The peregrine falcon nesting season occurs between the months of April and July. For this reason, special conditions regarding the timing of work on the structures, and immediate area that have nesting falcons must be adhered to.

In order to protect this species and project personnel, any construction and/or inspection activities which are within 400 feet of an identified nest shall not be permitted during nesting season (between April 1st and July 31st.) Any change in construction sequencing or timing affecting work within 400 feet of a known nest shall not be permitted.

The Contractor shall, through the Engineer, at least 10 days prior to the commencement of any construction activities, arrange for a CT DOT Environmental Inspector from the Office of Environmental Planning (OEP) or their authorized delegate to be available to meet and identify the nest location as well as discuss proper protocol for maintaining environmental commitments made to the protection of this species and habitat.

This species is protected by State laws which prohibit killing, harming, taking, or keeping them in your possession. Workers shall be notified of the existence of peregrine falcons in the area and be apprised of the laws protecting them. Photographs of, and the laws protecting, peregrine falcons shall be posted in the Contractor's and DOT field offices (species ID sheets will be provided by OEP). Any observations of this species are to be immediately reported to the Department.



Northern Diamondback Terrapin Connecticut Species of Special Concern

Scientific Name: *Malaclemys t. terrapin*

Size: Males: 4-5.5 inches (10.2-14 cm) in length

Females: 6-9 inches (15.2-22.9 cm) in length

Habitat Type:

The Northern diamondback terrapin is the only species of turtle in North America, including Connecticut, that spends its life in brackish water (water that is less salty than sea water) which includes salt marshes, estuaries and tidal creeks. They hibernate in the winter submerged in the mud of tidal creeks. If a safety boat or barge is to be used, be cognizant of turtles possibly mating within the project area and proceed slowly when in tidal areas. Nests are constructed on the sandy borders of salt marshes and in dunes.

Colorations:

- The terrapin has both a dark and light variation. Both variations have carapaces (top of shell) patterned with concentric rings or ridges.
 - The dark variant has a completely black carapace (top of shell) with a yellow to off-white plastron (bottom chest plate). Their heads are gray to off-white with small black spots or streaks and their legs are dark gray to black.
 - The lighter variant has a gray to light brown carapace with yellow to greenish gray plastrons. Their heads are gray with small pepper-like gray spots and their legs are gray.
- The plastron may or may not be marked with bold, dark markings.
- The limbs and head may be spotted.
- Hatchlings are patterned similar to adults, but are brighter.

Characteristics:

- Small marine turtle. They spend their entire lives in a brackish environment.
- The carapace is wedge-shaped when viewed from above, with the widest part in the rear.
- They have large webbed feet.

If any Northern diamondback terrapins are observed in or around the project area, the Office of Environmental Planning (OEP) must be notified at 860-594-2937 or 860-594-2938. If OEP staff cannot be reached at either of the above referenced phone numbers, the District Environmental Coordinator will need to be contacted to facilitate further coordination with OEP's Water and Noise Compliance Unit.

SECTION 1.10 - ENVIRONMENTAL COMPLIANCE

**In Article 1.10.03-Water Pollution Control:
REQUIRED BEST MANAGEMENT PRACTICES**

Add the following after Required Best Management Practice Number 13:

14. The Contractor is hereby notified that the State listed species of Special Concern Northern diamondback terrapin (*Malaclemys t. terrapin*), is present within the Project limits. Northern diamondback terrapins are the only species of turtle in North America that spends its life in brackish water (water that is less salty than sea water). They are most abundant in tidal estuaries and will also be found in salt marshes and tidal creeks. Northern diamondback terrapins nest on the sandy borders of these habitats from June to July. Northern diamondback terrapins hibernate during the winter submerged in the mud of tidal creeks. They enter hibernation as early as November and emerge as early as April through the end of May depending on water temperature.

All construction activities taking place within the Project limits will need to be coordinated with the Office of Environmental Planning (OEP) through the Engineer. At least 10 days prior to the commencement of any physical construction activities, the Contractor shall, through the Engineer, arrange for a CTDOT OEP Environmental Inspector, or their authorized delegate, to meet and discuss proper protocol for maintaining environmental commitments made for the protection of this species and habitat. OEP will provide oversight through the Engineer to ensure that the following protocols are followed and maintained during the course of the Project.

During the terrapin's dormant period (November 1 to May 31):

- Once the areas within the Project limits have been inspected and cleared of any nest sites, construction activities will be allowed in upland areas.
- Work is not allowed in wetland/watercourse and sandy border areas unless these areas were in active construction prior to November 1, and additionally, do not contain any areas of terrapin habitat.

For any work done during the terrapin's active period, which includes the nesting and hatching period, (April 1 to October 31), the CTDOT will require the following precautionary measures to protect the terrapin and terrapin habitat:

- a. All construction personnel working within Northern diamondback terrapin habitat must be apprised of the species description and the possible presence of this listed species.
- b. Exclusionary practices will be required in order to prevent any Northern diamondback terrapin access to construction areas. These measures will need to be installed at the limits of disturbance as shown on the plans.

NDDB COORDINATION LETTER

08-6-2018

- c. Exclusionary fencing shall be at least 20 inches tall and must be secured to and remain in contact with the ground. The Contractor shall regularly inspect and maintain the fencing to prevent any gaps or openings at ground level. Standard silt fence is adequate; fencing with netting shall not be used.
- d. The Contractor must search the work area each morning for the presence of this listed species prior to any work being done.
- e. Any Northern diamondback terrapins encountered within the immediate work area shall be carefully moved to an adjacent area outside of the excluded area and the Engineer shall be immediately informed to contact OEP with the location.
- f. All staging and storage areas in the vicinity of Northern diamondback terrapin habitat, outside of previously paved locations, regardless of the duration of time they will be used, must be reviewed by and receive written approval from OEP through the Engineer.
- g. No heavy machinery or vehicles may be parked in any identified Northern diamondback terrapin habitat.
- h. Exclusionary fencing shall be removed when it is no longer needed, and silt fence shall be removed as soon as the area is stable, to allow for reptile and amphibian passage to resume.
- i. If a safety boat or barge is required for this Project, the Contractor must use special caution when navigating within tidal creeks. Terrapins tend to congregate close to the surface during their active period. Maintaining slow speeds will ensure the turtles' safety.

These practices will be applied to the entire Project unless a sketch is attached which identifies specific areas of concern.

This species is protected by State laws, which prohibit killing, harming, taking, or keeping them in your possession. Photographs and the laws protecting Northern diamondback terrapin shall be posted in the Contractor's and CTDOT field offices (species ID sheet will be provided by OEP).



EO-01

DA-01
AREA: 5.205 AC

DA-03
AREA: 0.561 AC

DA-02
AREA: 1.128 AC

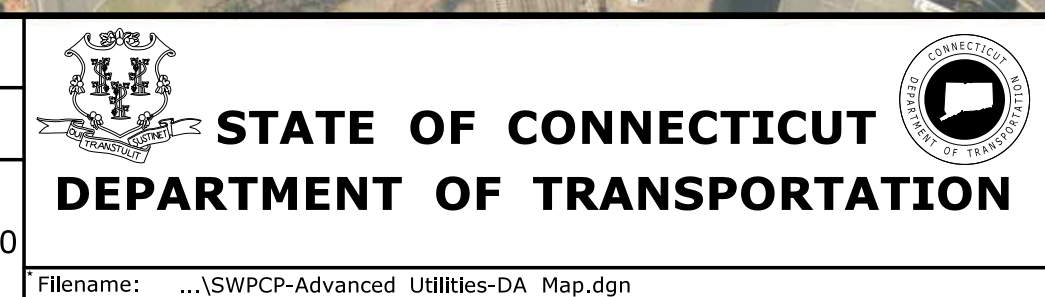
UTILITY
TRENCHING
LIMITS (TYP.)

DA-04
AREA: 6.198 AC

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Plotted Date: 6/11/2021

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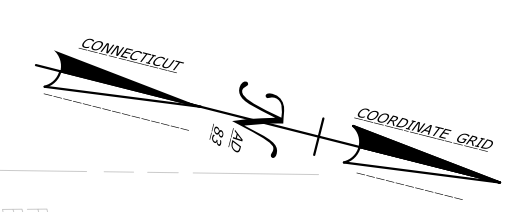


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OFFICE OF ENGINEERING
APPROVED BY:







PROJECT TITLE:
**STORMWATER POLLUTION
CONTROL PLAN**

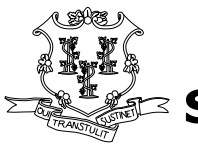
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NORWALK
DRAWING TITLE:
**DRAINAGE
AREA MAP**

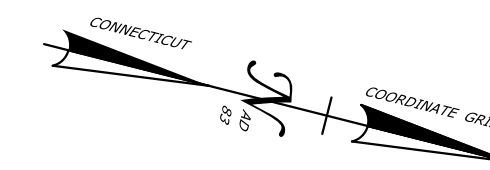
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DRAWING NO.
SHEET NO.
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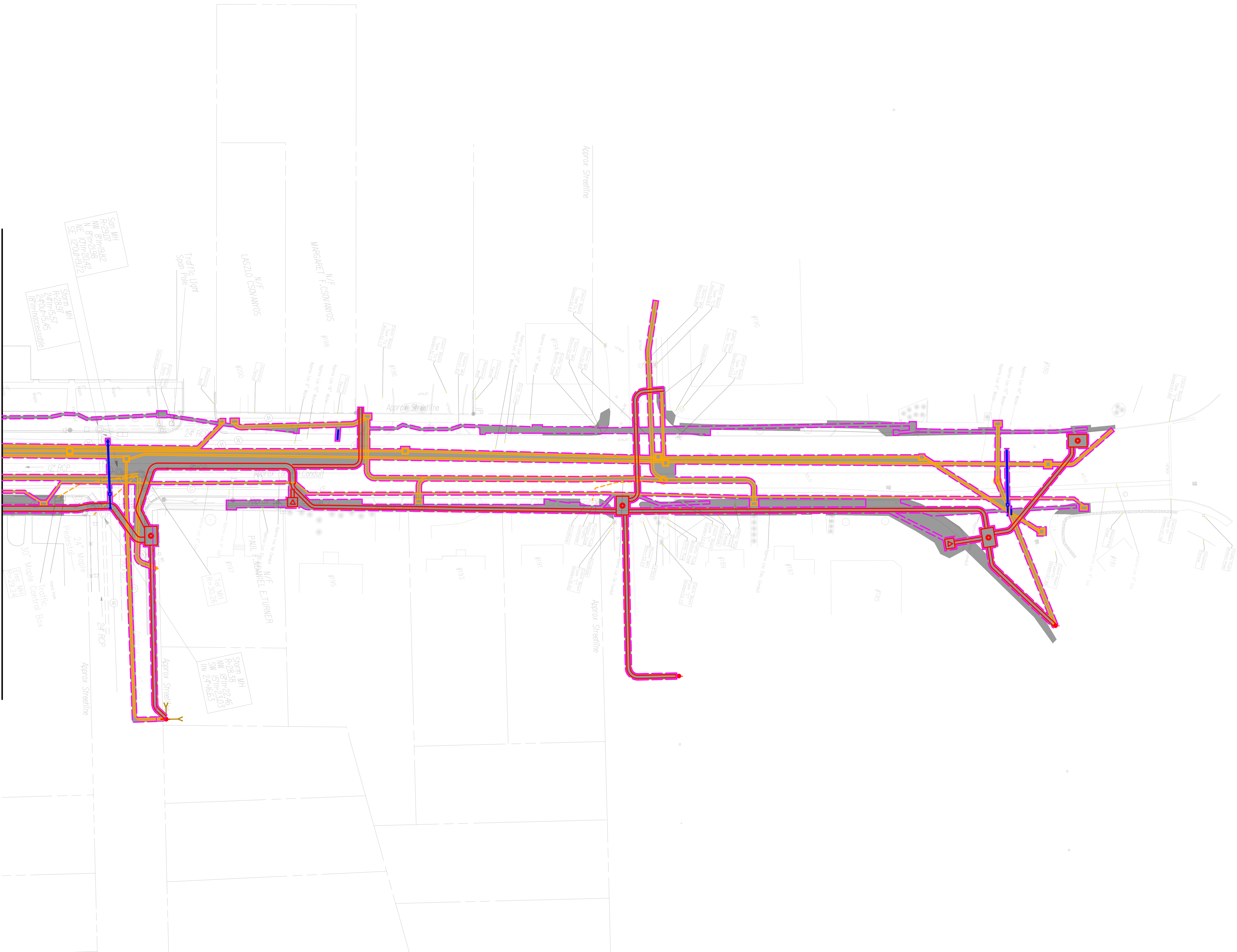
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LEGEND	
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	DISTURBANCE LIMITS
PROPOSED UTILITIES	
	ELECTRIC
	SANITARY
	TELECOMMUNICATIONS
	WATER

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.				DESIGNER/DRAFTER: CHECKED BY: SCALE IN FEET 0 40 80 SCALE 1"=40'		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION		
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TOWN: NORWALK		PROJECT NO.:		DRAWING NO.:		SHEET NO.:		
DRAWING TITLE: DISTURBED ERODIBLE AREAS		DEA-01						
REV.	DATE	REVISION DESCRIPTION	SHEET NO.					



MATCHLINE - SEE DRAWING NO. DEA-01



- LEGEND**
- TRENCHING LIMITS
 - DISTURBANCE LIMITS
- PROPOSED UTILITIES**
- ELECTRIC
 - SANITARY
 - TELECOMMUNICATIONS
 - WATER

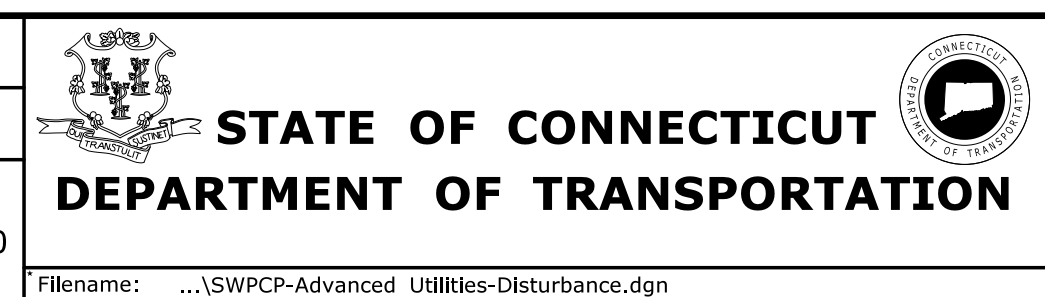
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 6/15/2021

DESIGNER/DRAFTER:
CHECKED BY:

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SCALE 1"=40'



SIGNATURE/
BLOCK:
OFFICE OF ENGINEERING

APPROVED BY:

PROJECT TITLE:
STORMWATER POLLUTION CONTROL PLAN

TOWN:
NORWALK

DRAWING TITLE:
DISTURBED ERODIBLE AREAS

PROJECT NO.
DRAWING NO.
SHEET NO.
DEA-02

APPENDIX B

Drainage Calculations



Made By	NJP	Date	6/11/2021	Job No.	63306
Checked By	SCF	Date	6/14/2021		
Backchecked By		Date			

Walk Bridge Advanced Utilities

**WATER QUALITY VOLUME (WQV)
WALK BRIDGE ADVANCED UTILITIES CONSTRUCTION CONTRACT**

P = 1st inch of rainfall
= 1.00 in

Drainage Area	Impervious Area	Gravel Area	Grass Area
East Avenue	3.56	0.00	0.35
Total	3.56	0.00	0.35

A = Combined Drainage Area within Entering Project Area
= 3.91 acres

I = Impervious Cover (Percent)
= 91.05 %

$R_v = 0.05 + 0.009(I)$
= 0.869

WQV = $(P A R_v)/12$
0.28 acre-feet

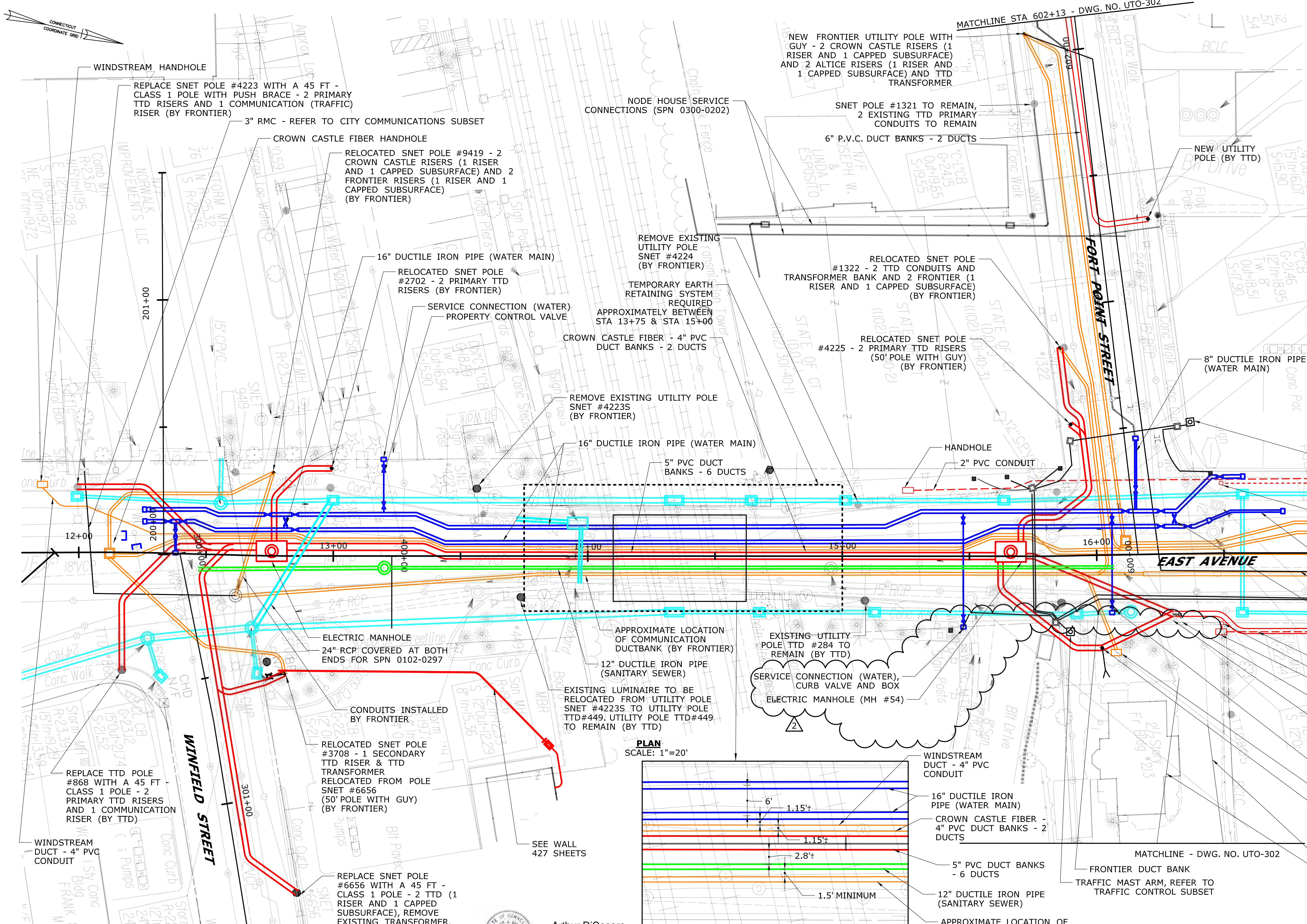
1/2 WQV = 0.14 acre-feet

Reference

2004 Connecticut Stormwater Quality Manual
Table 7-1 Summary of Stormwater Treatment Practice Sizing Criteria
2004 Connecticut Stormwater Quality Manual
Table 7-1 Summary of Stormwater Treatment Practice Sizing Criteria

APPENDIX C

State Project No. 0301-0515

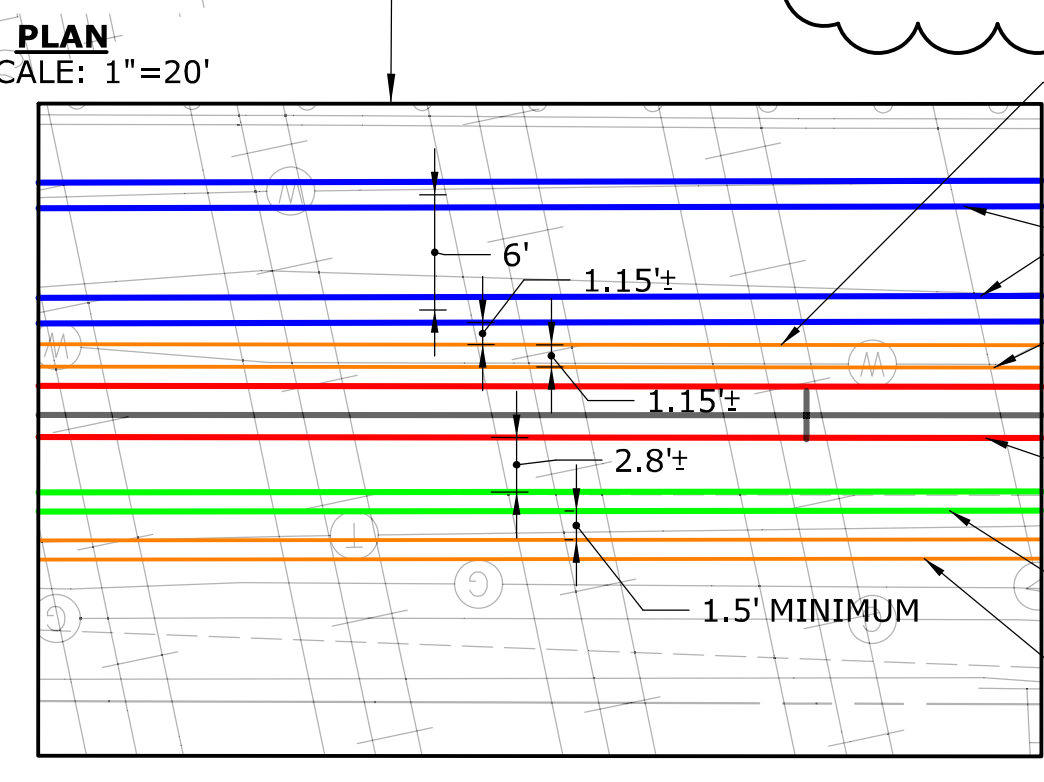


- NOTES:**
1. THE OVERALL UTILITY PLANS DEPICT DRAINAGE, ELECTRIC, SANITARY, WATER AND COMMUNICATIONS UTILITIES ONLY AND ARE PROVIDED FOR INFORMATION TO DEPICT A COMPILATION OF UTILITIES PROPOSED FOR THIS PROJECT. REFER TO INDIVIDUAL UTILITY PLANS FOR PROPOSED CONSTRUCTION.
 2. REFER TO ROLES AND RESPONSIBILITIES, DETAILS AND GENERAL NOTES.
 3. REFER TO RESPECTIVE INDIVIDUAL UTILITY PLANS FOR DELINEATION OF STATE AND MUNICIPAL WORK.

- COLOR LEGEND:**
- █ ELECTRIC
 - █ TELECOMMUNICATIONS
 - █ SANITARY
 - █ STORM
 - █ WATER

- SPECIAL NOTES:**
1. ALL WINDSTREAM, CROWN CASTLE FIBER, AND ALTICE WORK SHOWN ON THIS SHEET IS NON PARTICIPATING.
 2. ALL SANITARY AND FIRST DISTRICT WATER WORK SHOWN ON THIS SHEET IS PARTICIPATING.
 3. TTD ELECTRIC WORK IS PARTICIPATING FROM WINFIELD ST. TO FORT POINT ST. (STEMMING FROM EXISTING MANHOLE #52 AND PROPOSED MANHOLE #54).

- TRAFFIC MAST ARM, REFER TO TRAFFIC CONTROL SUBSET
- 1" PVC CONDUIT
- HISTORIC STREET LIGHT
- ALTICE DUCT BANK - 4" PVC DUCT BANKS - 2 DUCTS
- CROWN CASTLE DUCT BANK - 4" PVC DUCT BANKS - 4 DUCTS
- 10" DUCTILE IRON PIPE (WATER MAIN)
- 3" RMC - REFER TO CITY COMMUNICATIONS SUBSET
- 16" DUCTILE IRON PIPE (WATER MAIN)
- THIRD TAXING DISTRICT DUCT BANK (2 X 2)
- 2" PVC CONDUIT
- HISTORIC STREET LIGHT
- HANDHOLE
- 1" PVC CONDUIT
- REPLACE MANHOLE COVER AND TOP (TTD MH #52) - MANHOLE COVER SHALL BE INSTALLED IN A MANNER THAT DOES NOT CONFLICT WITH FUTURE GRANITE CURB - SEE SHEET GNE-303 FOR MANHOLE COVER AND TOP DETAILS
- SERVICE CONNECTION (WATER), CURB VALVE AND BOX
- FRONTIER HANDHOLE
- RELOCATED TTD POLE #864 WITH GUY - 2 PRIMARY TTD RISERS, 1 SECONDARY TTD RISER AND 1 COMMUNICATION RISER (45 FT - CLASS 1 POLE) (BY FRONTIER)
- EXISTING THIRD TAXING DISTRICT UNDERGROUND DUCT BANK



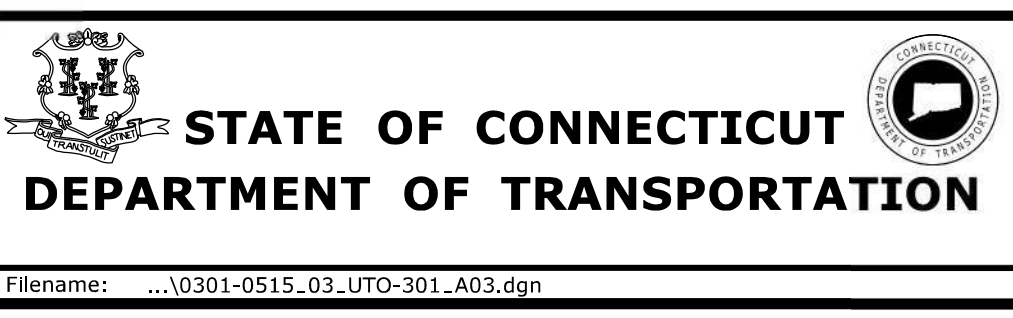
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ADDENDUM NO. 3

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11/20/20		ADDED T.E.R.S., ADDED SPECIAL NOTES	03.027.A1

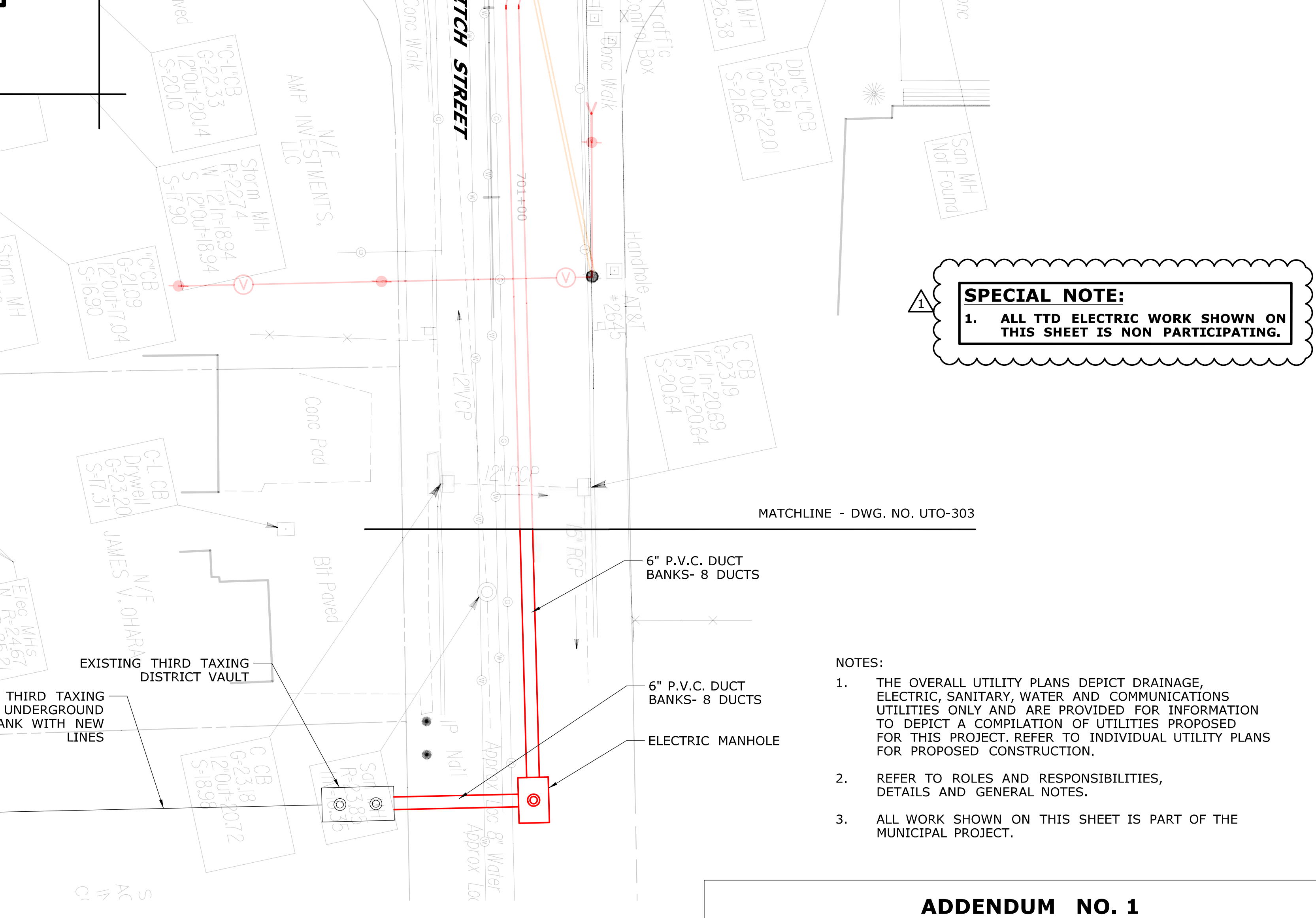
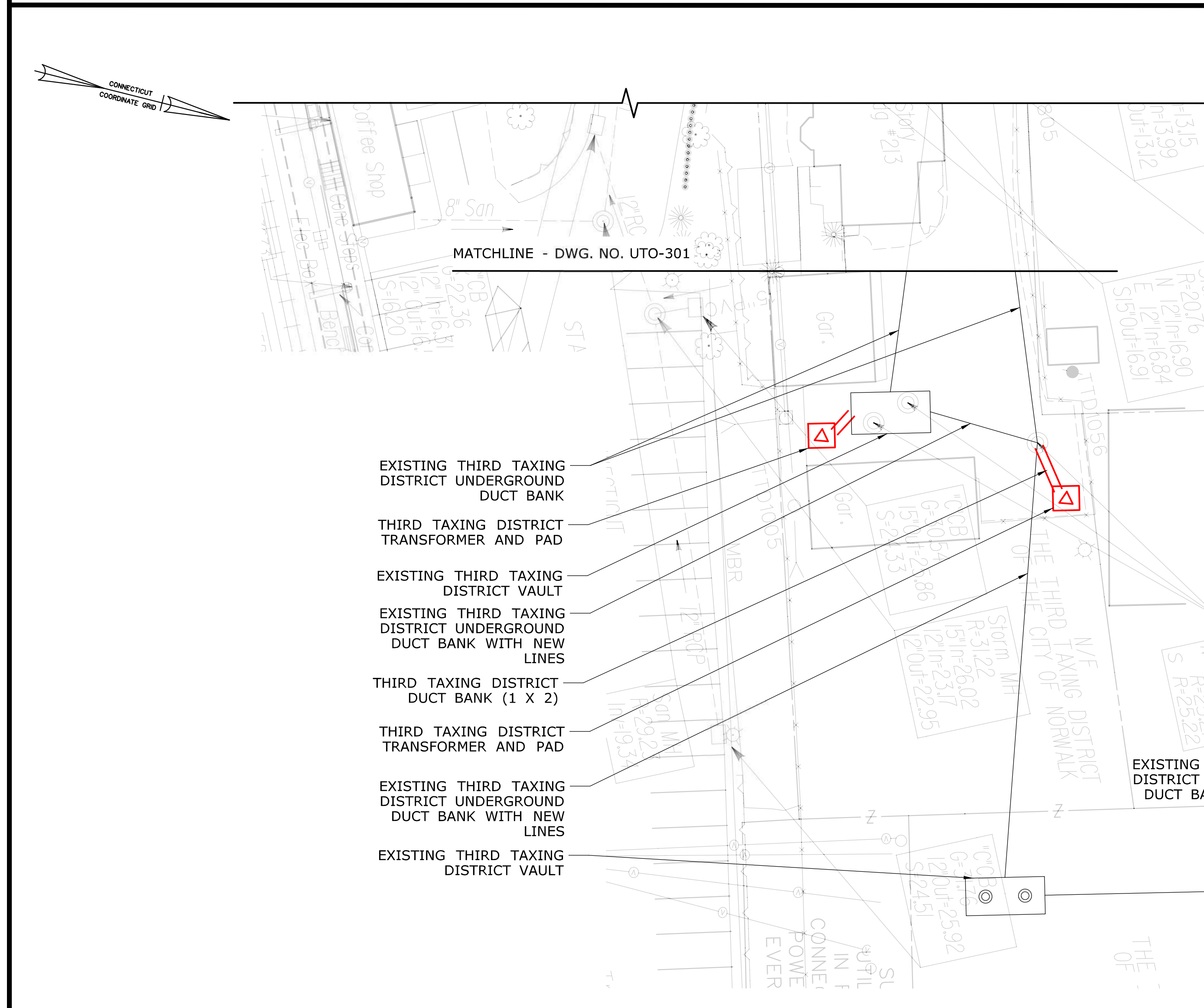
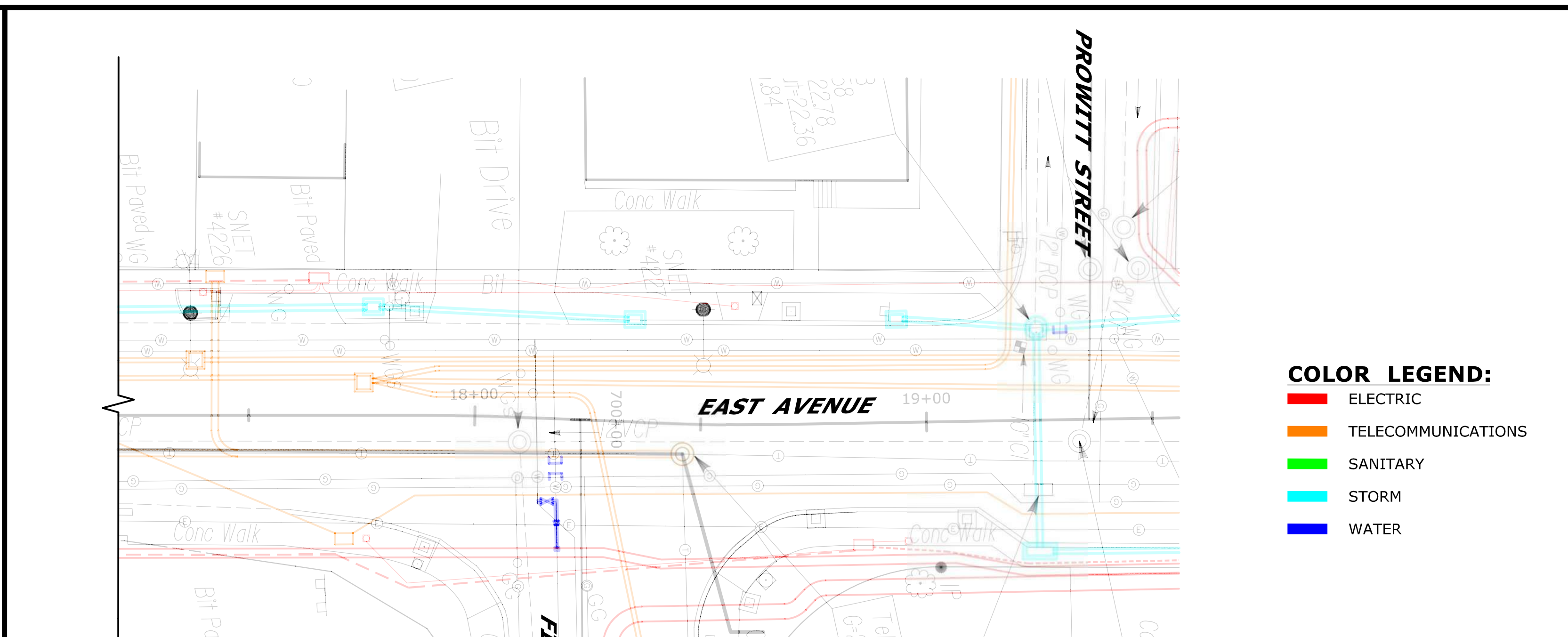
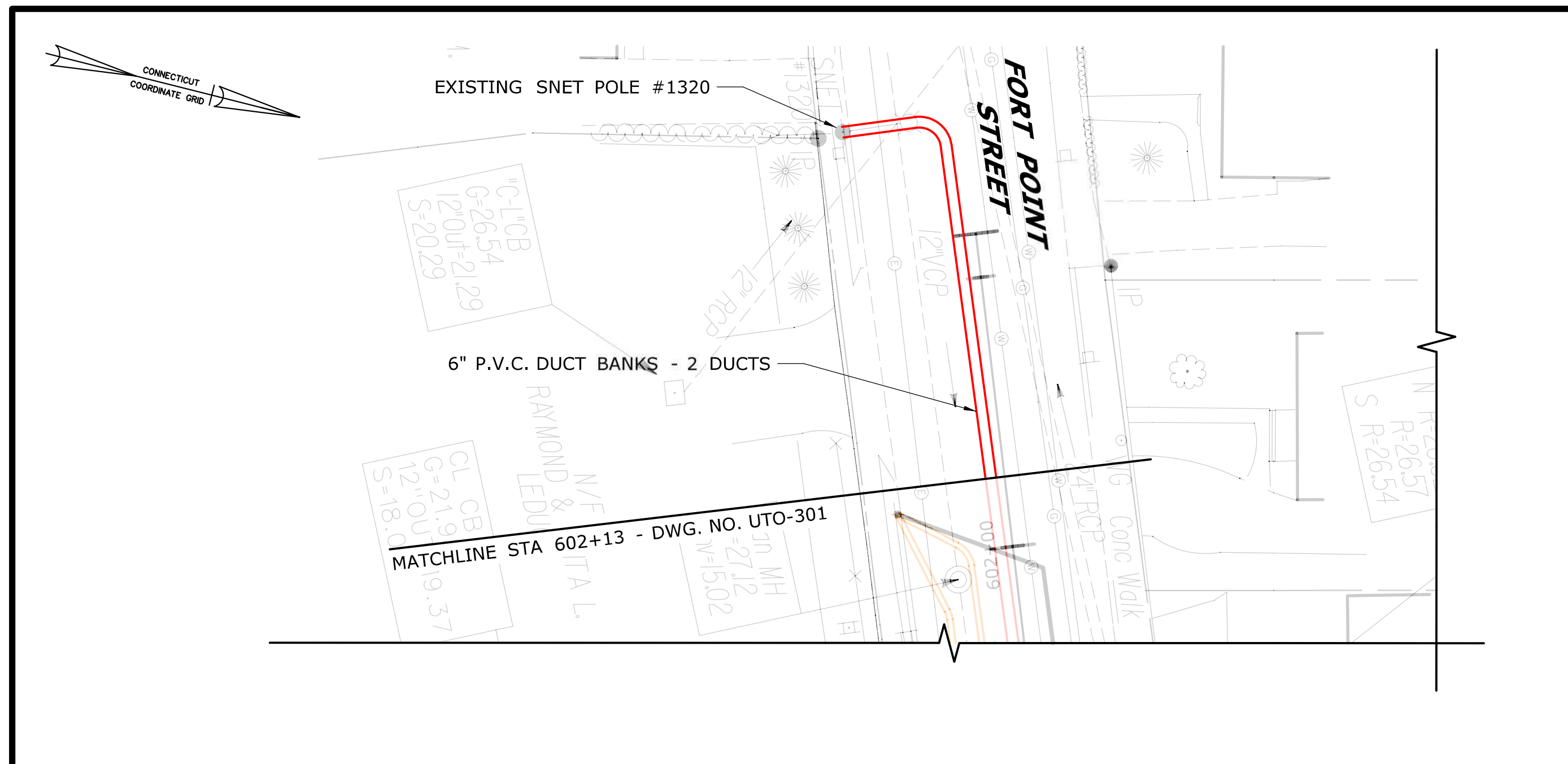
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER: JK/SD
CHECKED BY: ADC
SCALE AS NOTED



PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

TOWN:	NORWALK	PROJECT NO.:	0301-0515
DRAWING TITLE:	EAST AVENUE OVERALL UTILITY PLAN - 1	DRAWING NO.:	UTO-301
		SHEET NO.:	03.027.A3



SPECIAL NOTE:
 1. ALL TTD ELECTRIC WORK SHOWN ON THIS SHEET IS NON PARTICIPATING.

- NOTES:**
1. THE OVERALL UTILITY PLANS DEPICT DRAINAGE, ELECTRIC, SANITARY, WATER AND COMMUNICATIONS UTILITIES ONLY AND ARE PROVIDED FOR INFORMATION TO DEPICT A COMPILATION OF UTILITIES PROPOSED FOR THIS PROJECT. REFER TO INDIVIDUAL UTILITY PLANS FOR PROPOSED CONSTRUCTION.
 2. REFER TO ROLES AND RESPONSIBILITIES, DETAILS AND GENERAL NOTES.
 3. ALL WORK SHOWN ON THIS SHEET IS PART OF THE MUNICIPAL PROJECT.

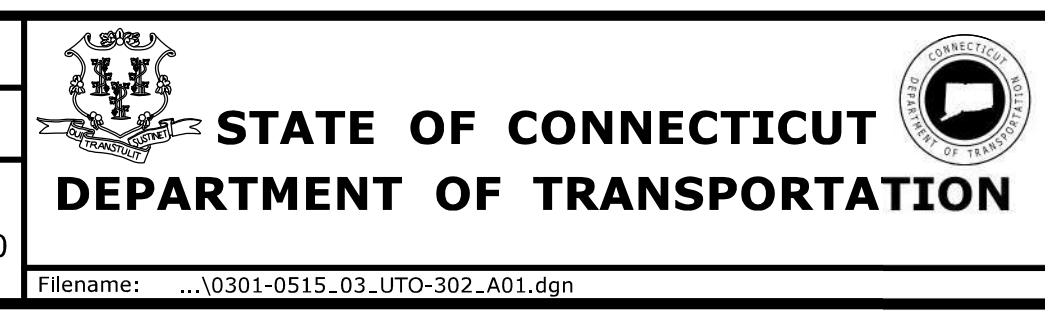
ADDENDUM NO. 1

REV	DATE	REVISION DESCRIPTION	SHEET NO.
1	11/20/20	ADDED SPECIAL NOTE	03.028.A1

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 11/17/2020

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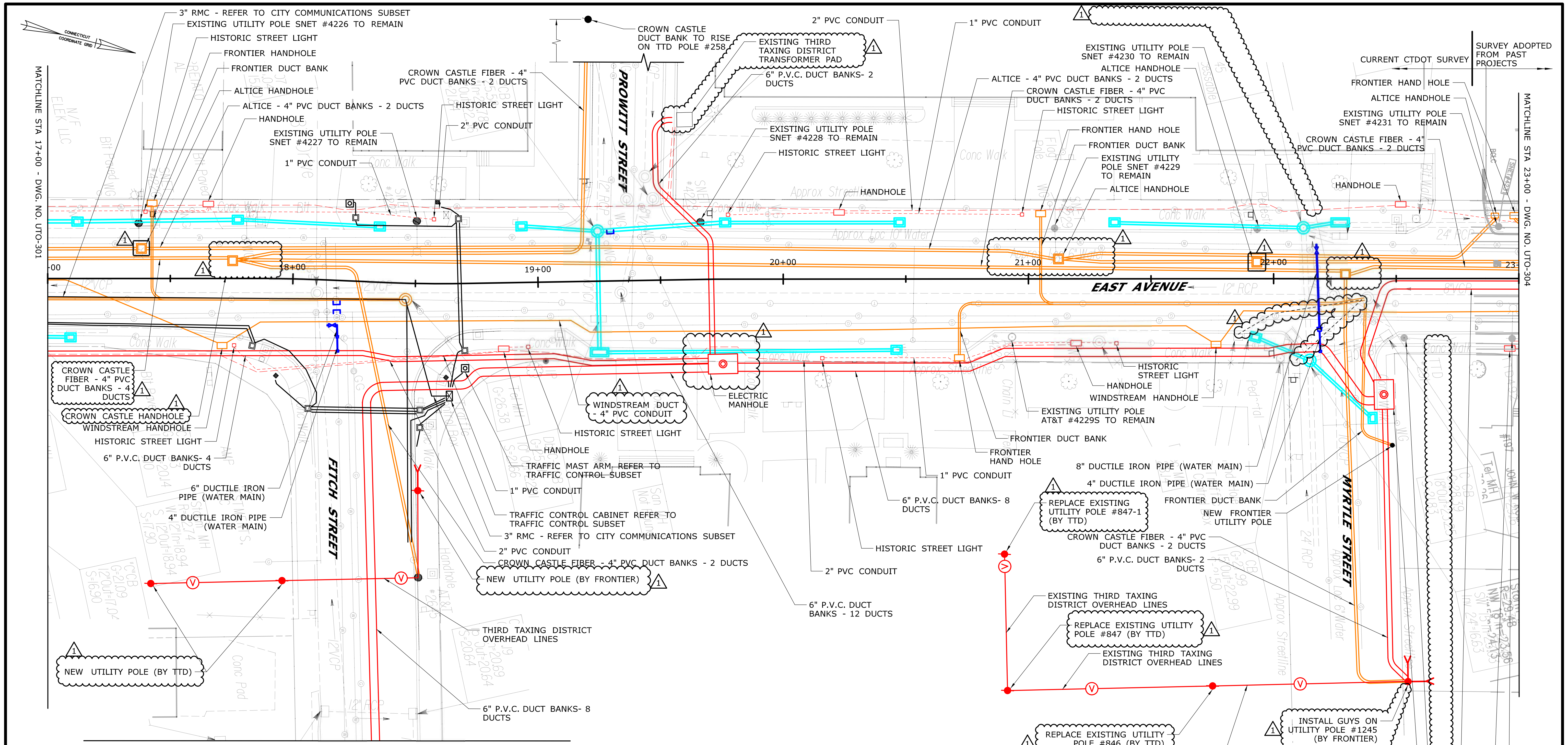


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**THE WALK BRIDGE
 ADVANCED UTILITIES
 CONSTRUCTION CONTRACT**

TOWN: **NORWALK**
 DRAWING TITLE:
**EAST AVENUE
 OVERALL UTILITY PLAN - 2**

PROJECT NO.: **0301-0515**
 DRAWING NO.: **UTO-302**
 SHEET NO.: **03.028.A1**



MATCHLINE - DWG. NO. UTO-302

SPECIAL NOTES:

1. ALL WINDSTREAM, CROWN CASTLE FIBER, AND ALTICE WORK SHOWN ON THIS SHEET IS NON PARTICIPATING.
2. ALL FIRST DISTRICT WATER WORK SHOWN ON THIS SHEET IS PARTICIPATING.
3. ALL TTD ELECTRIC WORK SHOWN ON THIS SHEET IS NON PARTICIPATING.

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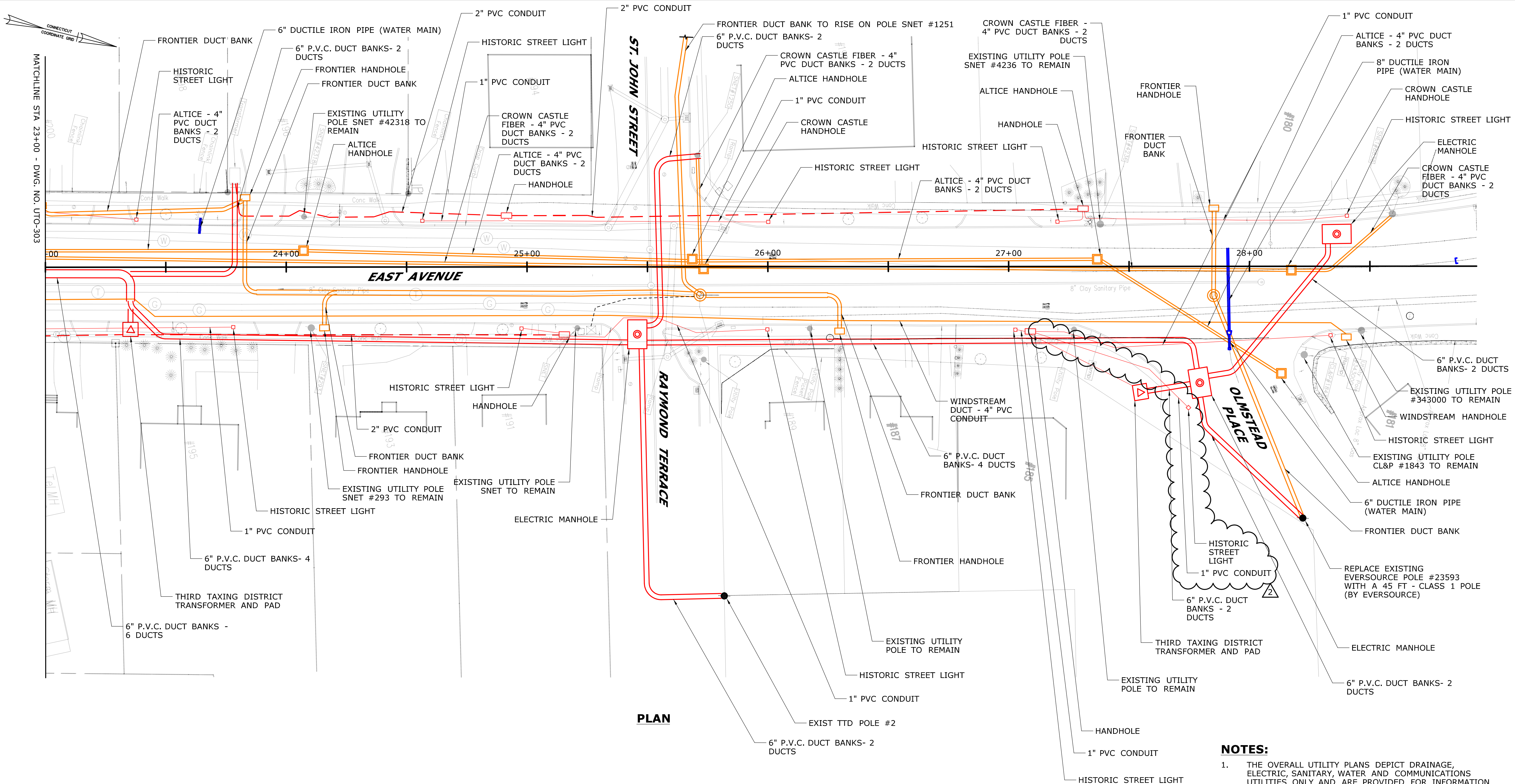
- RED: ELECTRIC
- ORANGE: TELECOMMUNICATIONS
- GREEN: SANITARY
- CYAN: STORM
- BLUE: WATER

NOTES:

1. THE OVERALL UTILITY PLANS DEPICT DRAINAGE, ELECTRIC, SANITARY, WATER AND COMMUNICATIONS UTILITIES ONLY AND ARE PROVIDED FOR INFORMATION TO DEPICT A COMPILATION OF UTILITIES PROPOSED FOR THIS PROJECT. REFER TO INDIVIDUAL UTILITY PLANS FOR PROPOSED CONSTRUCTION.
2. REFER TO ROLES AND RESPONSIBILITIES, DETAILS AND GENERAL NOTES.
3. WORK SHOWN ON THIS SHEET IS PART OF THE MUNICIPAL PROJECT.

ADDENDUM NO. 1

11/20/20 REVISED UTILITY LAYOUTS, ADDED SPECIAL NOTES 03.029.A1 SHEET NO.	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED. Plotted Date: 11/19/2020	DESIGNER/DRAFTER: JK/SD CHECKED BY: ADC SCALE IN FEET 0 20 40 SCALE 1"=20' File name: ...0301-0515_03_UTO-303_A01.dgn	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	<p>ADA American Disabilities Act www.adaregpc.com</p>	PROJECT TITLE: <p>THE WALK BRIDGE ADVANCED UTILITIES CONSTRUCTION CONTRACT</p>	TOWN: <p>NORWALK</p>	PROJECT NO. <p>0301-0515</p>



PLAN

COLOR LEGEND:

█	ELECTRIC
█	TELECOMMUNICATIONS
█	SANITARY
█	STORM
█	WATER

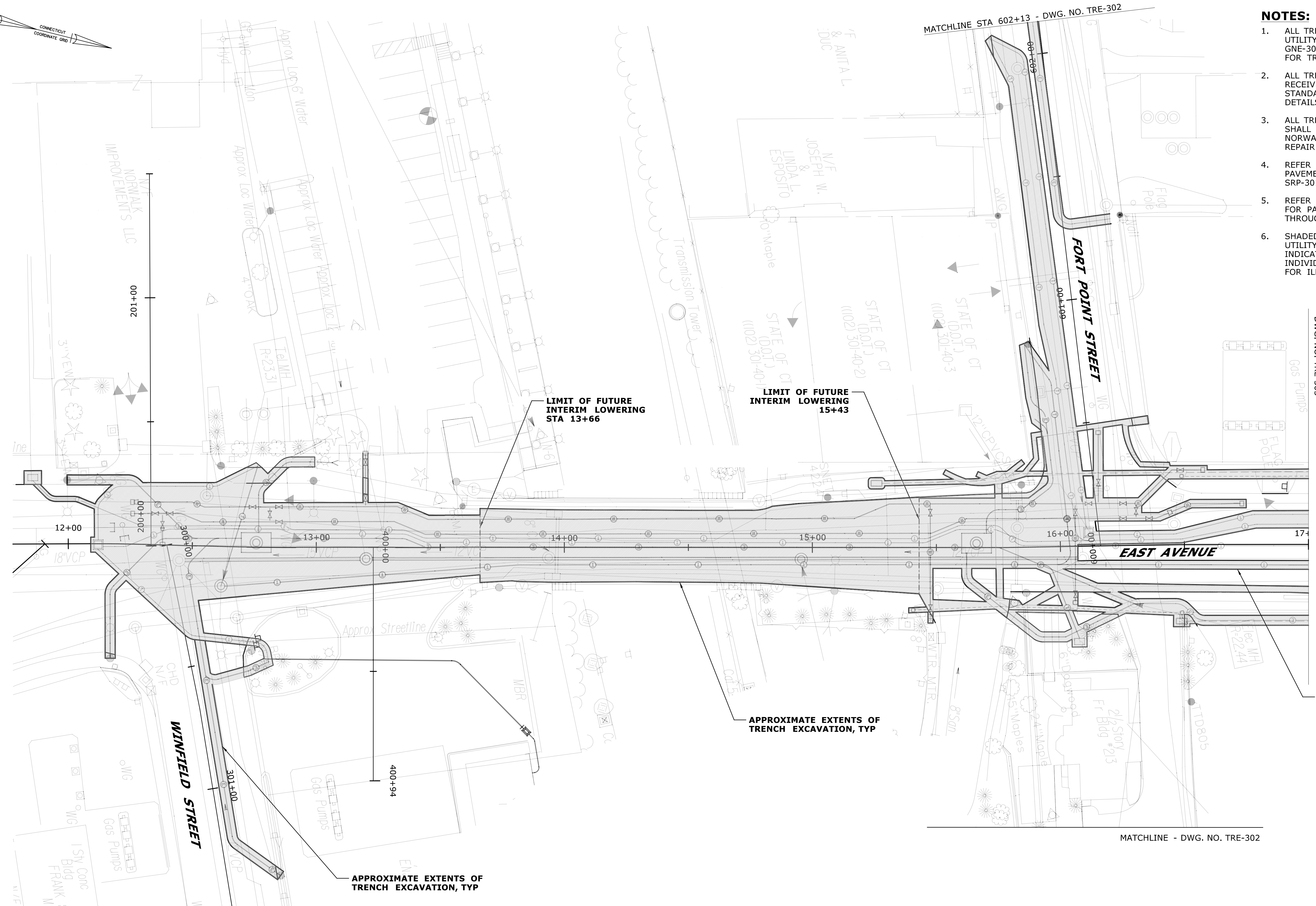
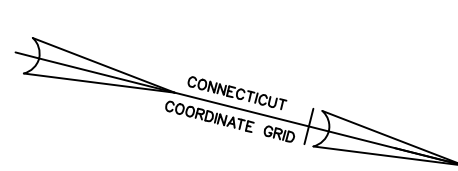
SPECIAL NOTES:

- ALL WINDSTREAM, CROWN CASTLE FIBER, AND ALTICE WORK SHOWN ON THIS SHEET IS NON PARTICIPATING.
- ALL FIRST DISTRICT WATER WORK SHOWN ON THIS SHEET IS PARTICIPATING.
- ALL TTD ELECTRIC WORK SHOWN ON THIS SHEET IS NON PARTICIPATING.

- NOTES:**
- THE OVERALL UTILITY PLANS DEPICT DRAINAGE, ELECTRIC, SANITARY, WATER AND COMMUNICATIONS UTILITIES ONLY AND ARE PROVIDED FOR INFORMATION TO DEPICT A COMPILATION OF UTILITIES PROPOSED FOR THIS PROJECT. REFER TO INDIVIDUAL UTILITY PLANS FOR PROPOSED CONSTRUCTION.
 - REFER TO ROLES AND RESPONSIBILITIES, DETAILS AND GENERAL NOTES.
 - ALL WORK SHOWN ON THIS SHEET IS PART OF THE MUNICIPAL PROJECT.

ADDENDUM NO. 3

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12/22/20		UPDATED LIGHTING DESIGN	03.030.A3															
11/20/20		REVISED UTILITY LAYOUTS, ADDED SPECIAL NOTES	03.030.A1															



- NOTES:**
1. ALL TRENCHING AND BACKFILLING SHALL BE PER UTILITY STANDARD DETAILS. REFER TO DWGS GNC-304, GNE-301, GNW-301, GNS-301 AND GND-301 FOR TRENCHING DETAILS.
 2. ALL TRENCH EXCAVATIONS WITHIN ROADWAY SHALL RECEIVE PAVEMENT REPAIRS BE PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-309 FOR REPAIR DETAILS.
 3. ALL TRENCH EXCAVATIONS WITHIN SIDEWALK/DRIVEWAY SHALL RECEIVE PAVEMENT REPAIRS PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-301 FOR REPAIR DETAILS.
 4. REFER TO EAST AVENUE SITE RESTORATION PLANS FOR PAVEMENT AND SITE RESTORATIONS. SEE DWGS SRP-301 THROUGH SRP-304.
 5. REFER TO EAST AVENUE PAVEMENT MARKINGS PLAN FOR PAVEMENT MARKINGS. SEE DWGS MAR-301 THROUGH MAR-304.
 6. SHADED AREAS INDICATE APPROXIMATE EXTENTS OF UTILITY TRENCH EXCAVATIONS. LARGER SHADED AREAS INDICATE CONGESTED UTILITY AREAS WHERE INDIVIDUAL UTILITY TRENCHES HAVE BEEN COMBINED FOR ILLUSTRATIVE PURPOSES ONLY.

MATCHLINE STA 17+00 -
DWG. NO. TRE-303

APPROXIMATE EXTENTS OF
TRENCH EXCAVATION, TYP

MATCHLINE - DWG. NO. TRE-302

**NEW SHEET ADDED BY
ADDENDUM NO. 1**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 11/17/2020

DESIGNER/DRAFTER:
JK/SD

CHECKED BY:
ADC

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**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**

Filename: ...0301-0515_03_TRE-301_A01.dgn

SIGNATURE/
BLOCK:

ADA
Associated Engineers, P.C.
650 Center Avenue
Bridgewater, CT 06605
383-696-6444
www.adecorp.com

PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

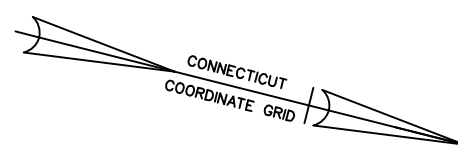
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NORWALK

DRAWING TITLE:
**EAST AVENUE
TRENCHING PLAN - 1**

PROJECT NO.
0301-0515

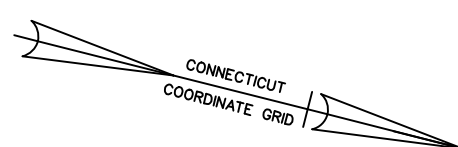
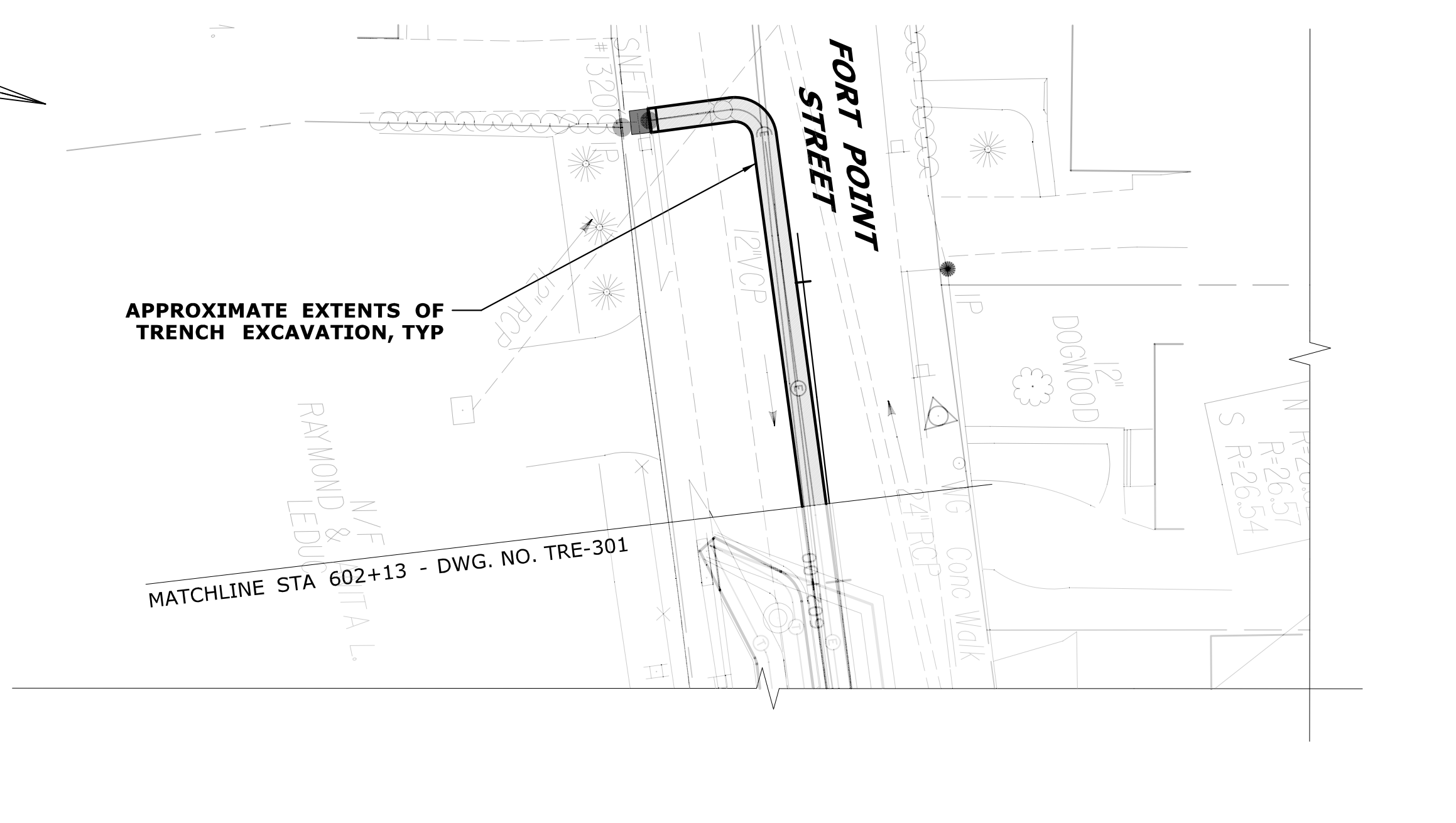
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SHEET NO.
03.124.A1



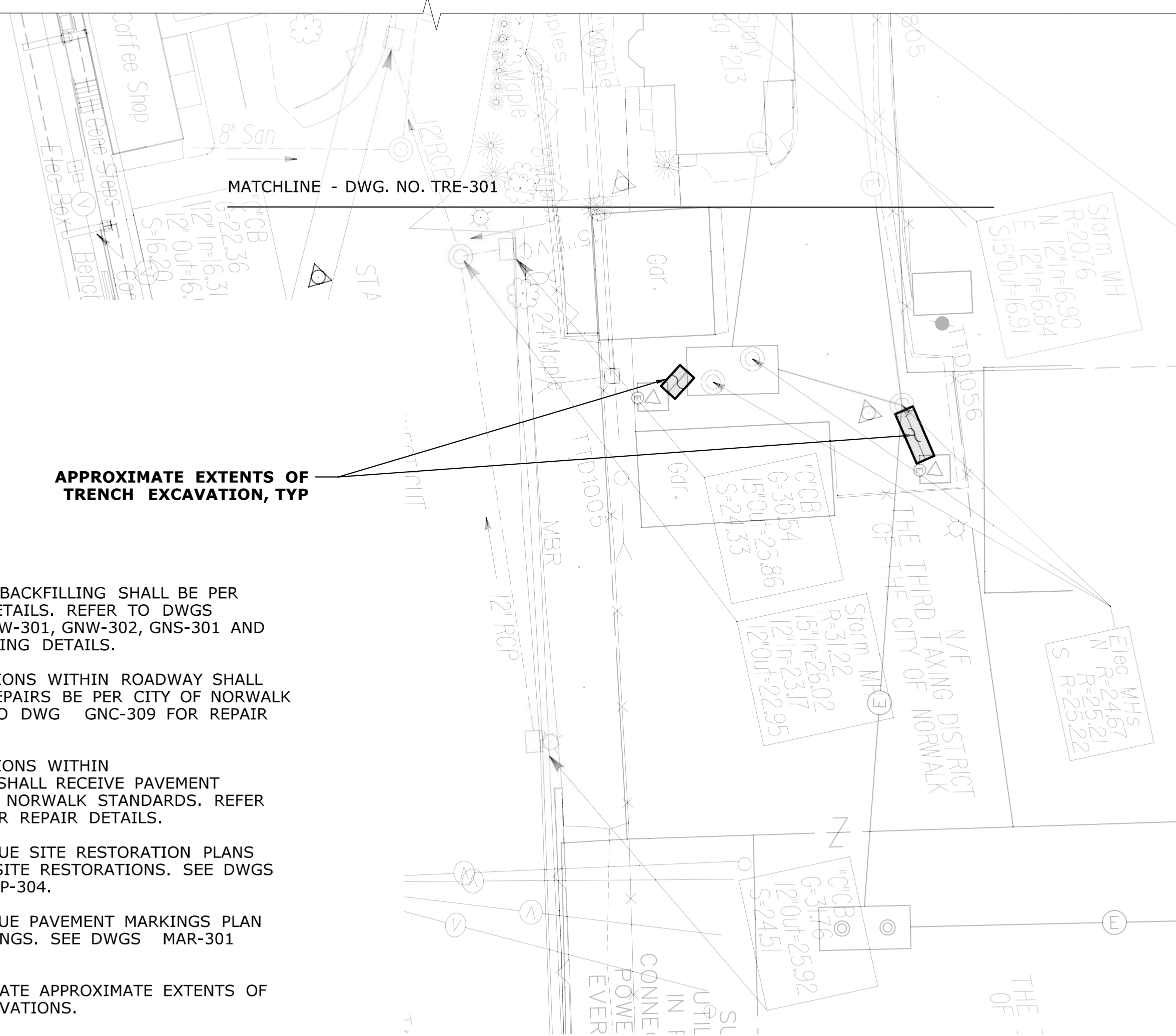
APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

MATCHLINE STA 602+13 - DWG. NO. TRE-301



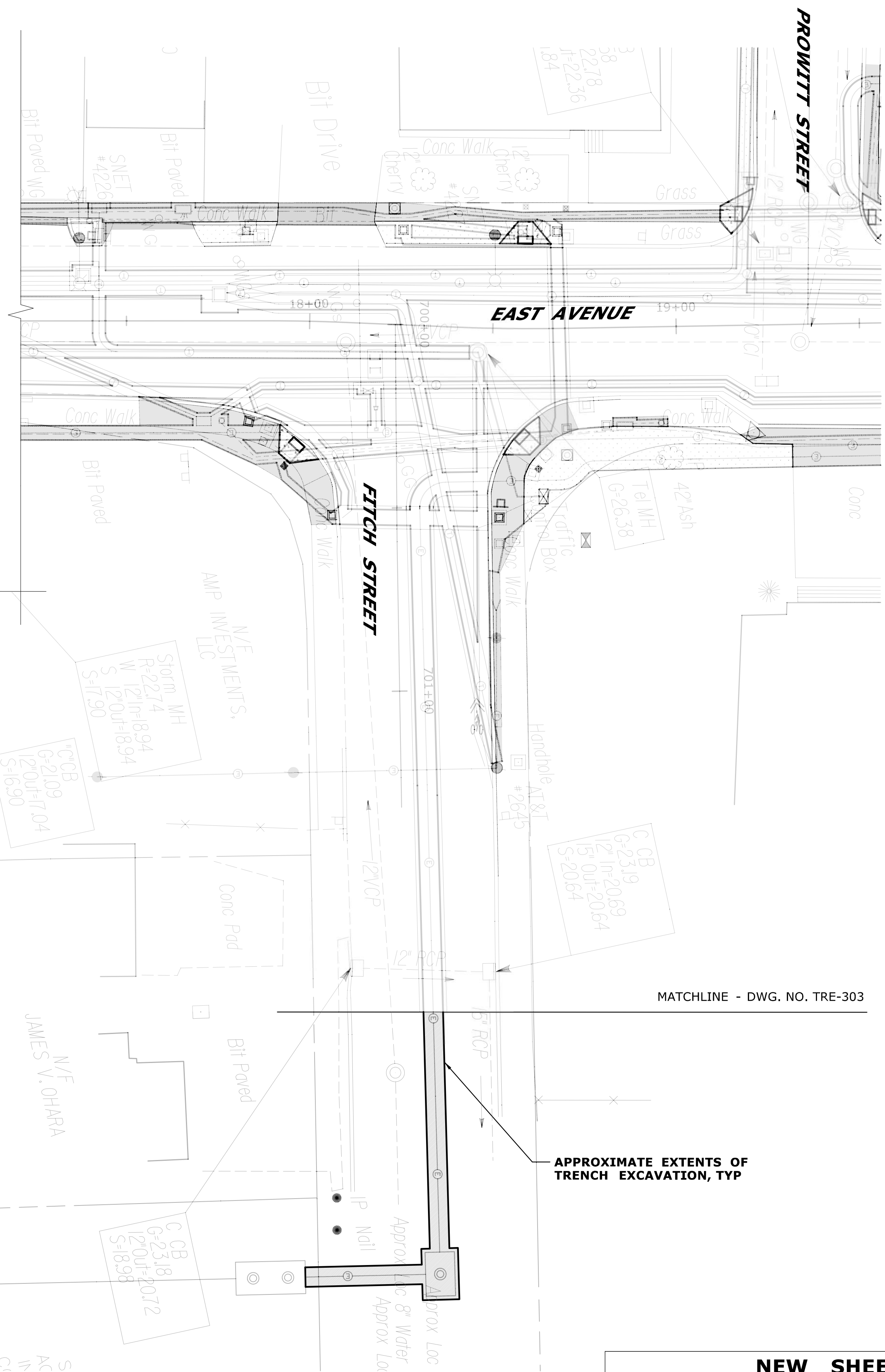
MATCHLINE - DWG. NO. TRE-301

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP



MATCHLINE - DWG. NO. TRE-303

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP



NOTES:

1. ALL TRENCHING AND BACKFILLING SHALL BE PER UTILITY STANDARD DETAILS. REFER TO DWGS GNC-304, GNE-301, GNV-301, GNV-302, GNS-301 AND GND-301 FOR TRENCHING DETAILS.
2. ALL TRENCH EXCAVATIONS WITHIN ROADWAY SHALL RECEIVE PAVEMENT REPAIRS BE PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-309 FOR REPAIR DETAILS.
3. ALL TRENCH EXCAVATIONS WITHIN SIDEWALK/DRIVEWAY SHALL RECEIVE PAVEMENT REPAIRS PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-301 FOR REPAIR DETAILS.
4. REFER TO EAST AVENUE SITE RESTORATION PLANS FOR PAVEMENT AND SITE RESTORATIONS. SEE DWGS SRP-301 THROUGH SRP-304.
5. REFER TO EAST AVENUE PAVEMENT MARKINGS PLAN FOR PAVEMENT MARKINGS. SEE DWGS MAR-301 THROUGH MAR-304.
6. SHADED AREAS INDICATE APPROXIMATE EXTENTS OF UTILITY TRENCH EXCAVATIONS.

**NEW SHEET ADDED BY
ADDENDUM NO. 1**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

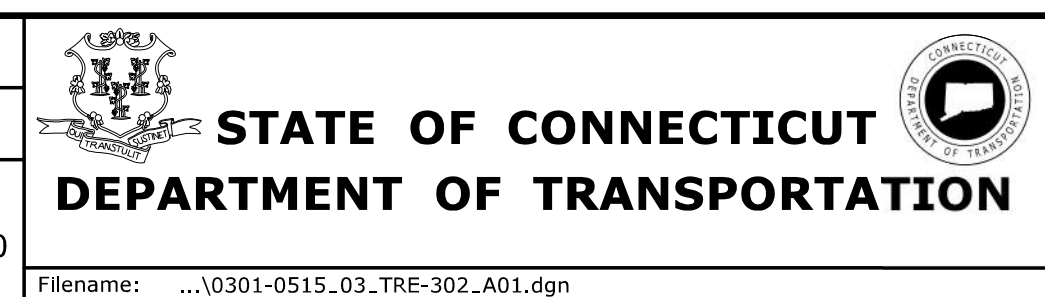
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 11/17/2020

DESIGNER/DRAFTER:
JK/SD

CHECKED BY:
ADC

SCALE IN FEET
0 20 40
SCALE 1"=20'



SIGNATURE/
BLOCK:

ADA
Associated Engineers, P.C.
690 Center Avenue
Bridgewater, CT 06605
383-696-6444
www.adecorp.com

PROJECT TITLE:

**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

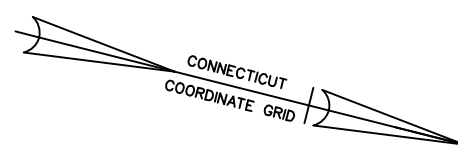
TOWN:
NORWALK

DRAWING TITLE:
**EAST AVENUE
TRENCHING PLAN - 2**

PROJECT NO.
0301-0515

DRAWING NO.
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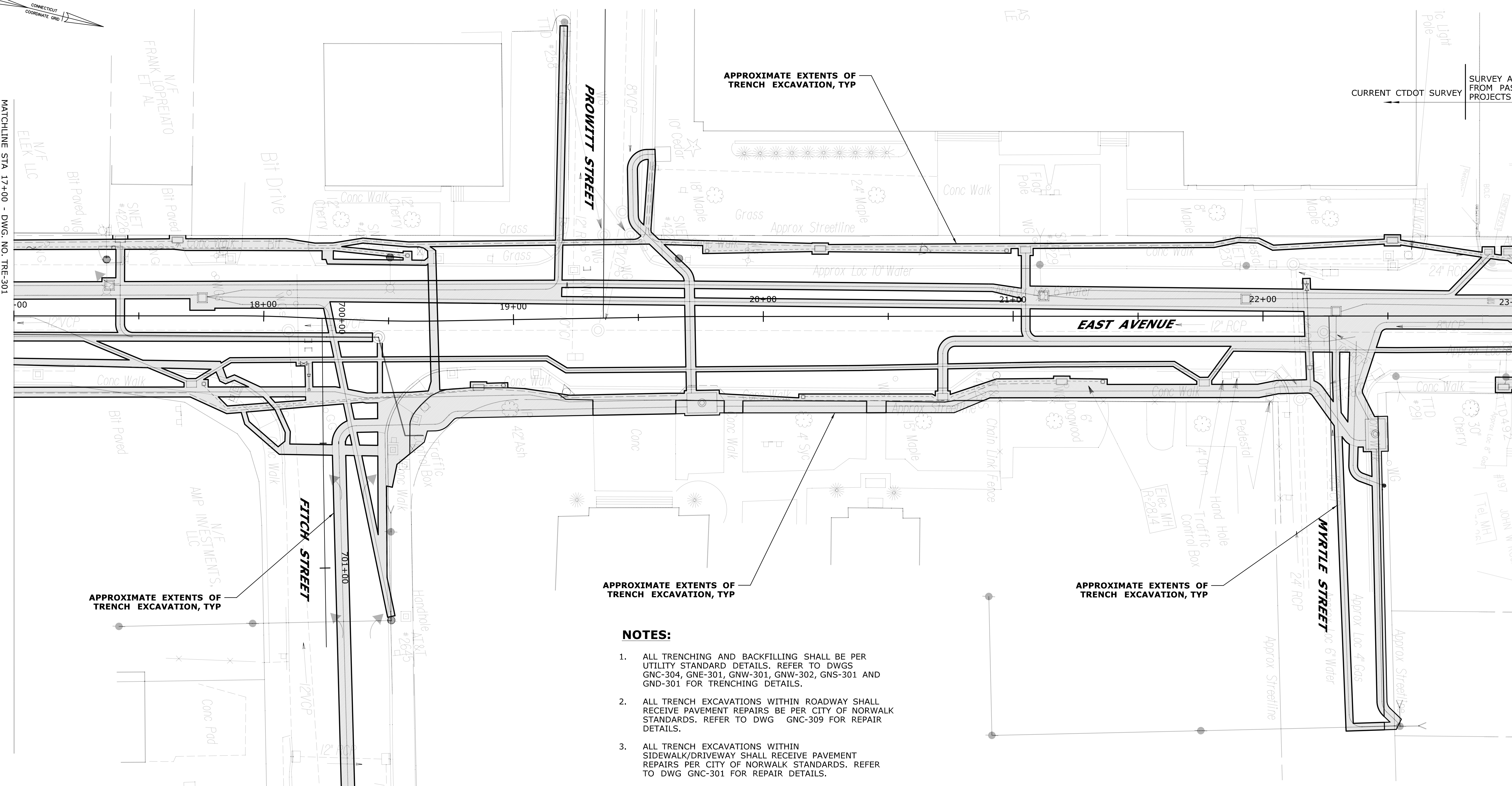
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MATCHLINE STA 17+00 - DWG. NO. TRE-301

MATCHLINE STA 23+00 - DWG. NO. TRE-304

CURRENT CTDOT SURVEY
SURVEY ADOPTED FROM PAST PROJECTS



APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

NOTES:

1. ALL TRENCHING AND BACKFILLING SHALL BE PER UTILITY STANDARD DETAILS. REFER TO DWGS GNC-304, GNE-301, GNW-301, GNW-302, GNS-301 AND GND-301 FOR TRENCHING DETAILS.
2. ALL TRENCH EXCAVATIONS WITHIN ROADWAY SHALL RECEIVE PAVEMENT REPAIRS PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-309 FOR REPAIR DETAILS.
3. ALL TRENCH EXCAVATIONS WITHIN SIDEWALK/DRIVEWAY SHALL RECEIVE PAVEMENT REPAIRS PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-301 FOR REPAIR DETAILS.
4. REFER TO EAST AVENUE SITE RESTORATION PLANS FOR PAVEMENT AND SITE RESTORATIONS. SEE DWGS SRP-301 THROUGH SRP-304.
5. REFER TO EAST AVENUE PAVEMENT MARKINGS PLAN FOR PAVEMENT MARKINGS. SEE DWGS MAR-301 THROUGH MAR-304.
6. SHADED AREAS INDICATE APPROXIMATE EXTENTS OF UTILITY TRENCH EXCAVATIONS. LARGER SHADED AREAS INDICATE CONGESTED UTILITY AREAS WHERE INDIVIDUAL UTILITY TRENCHES HAVE BEEN COMBINED FOR ILLUSTRATIVE PURPOSES ONLY.

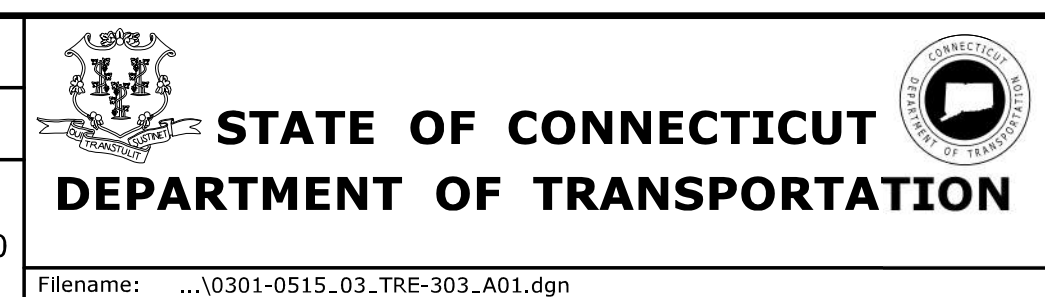
MATCHLINE - DWG. NO. TRE-302

**NEW SHEET ADDED BY
ADDENDUM NO. 1**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

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JK/SD
CHECKED BY:
ADC
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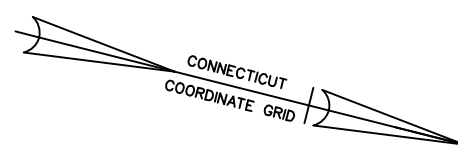


SIGNATURE/
BLOCK:
PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

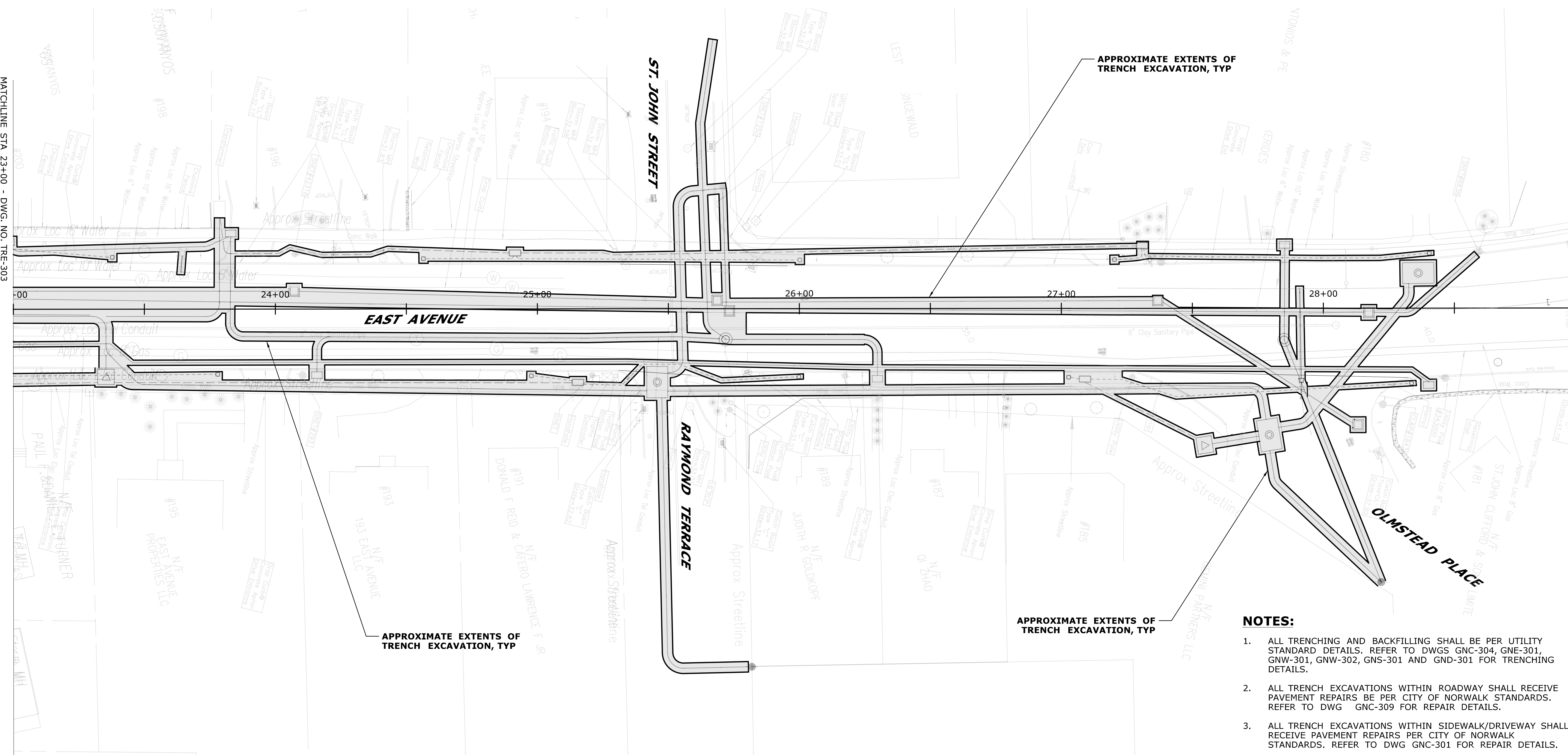
TOWN:
NORWALK
DRAWING TITLE:
**EAST AVENUE
TRENCHING PLAN - 3**

PROJECT NO.
0301-0515
DRAWING NO.
TRE-303
SHEET NO.
03.126.A1

Filename: ...0301-0515_03_TRE-303_A01.dgn



MATCHLINE STA 23+00 - DWG. NO. TRE-303



APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

APPROXIMATE EXTENTS OF TRENCH EXCAVATION, TYP

NOTES:

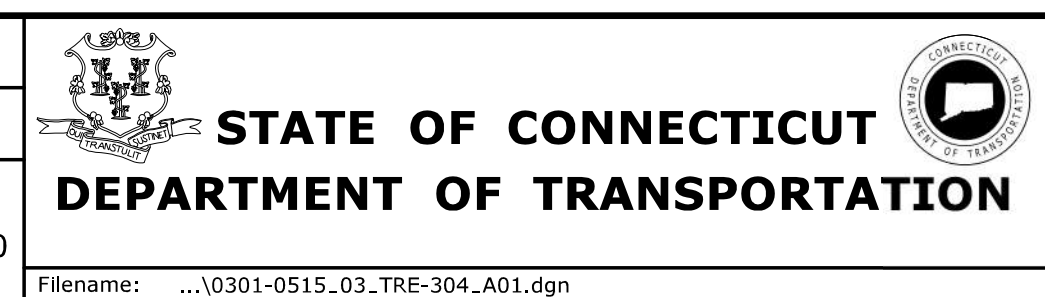
1. ALL TRENCHING AND BACKFILLING SHALL BE PER UTILITY STANDARD DETAILS. REFER TO DWGS GNC-304, GNE-301, GNV-301, GNW-302, GNS-301 AND GND-301 FOR TRENCHING DETAILS.
2. ALL TRENCH EXCAVATIONS WITHIN ROADWAY SHALL RECEIVE PAVEMENT REPAIRS PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-309 FOR REPAIR DETAILS.
3. ALL TRENCH EXCAVATIONS WITHIN SIDEWALK/DRIVEWAY SHALL RECEIVE PAVEMENT REPAIRS PER CITY OF NORWALK STANDARDS. REFER TO DWG GNC-301 FOR REPAIR DETAILS.
4. REFER TO EAST AVENUE SITE RESTORATION PLANS FOR PAVEMENT AND SITE RESTORATIONS. SEE DWGS SRP-301 THROUGH SRP-304.
5. REFER TO EAST AVENUE PAVEMENT MARKINGS PLAN FOR PAVEMENT MARKINGS. SEE DWGS MAR-301 THROUGH MAR-304.
6. SHADED AREAS INDICATE APPROXIMATE EXTENTS OF UTILITY TRENCH EXCAVATIONS. LARGER SHADED AREAS INDICATE CONGESTED UTILITY AREAS WHERE INDIVIDUAL UTILITY TRENCHES HAVE BEEN COMBINED FOR ILLUSTRATIVE PURPOSES ONLY.

**NEW SHEET ADDED BY
ADDENDUM NO. 1**

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
JK/SD
CHECKED BY:
ADC
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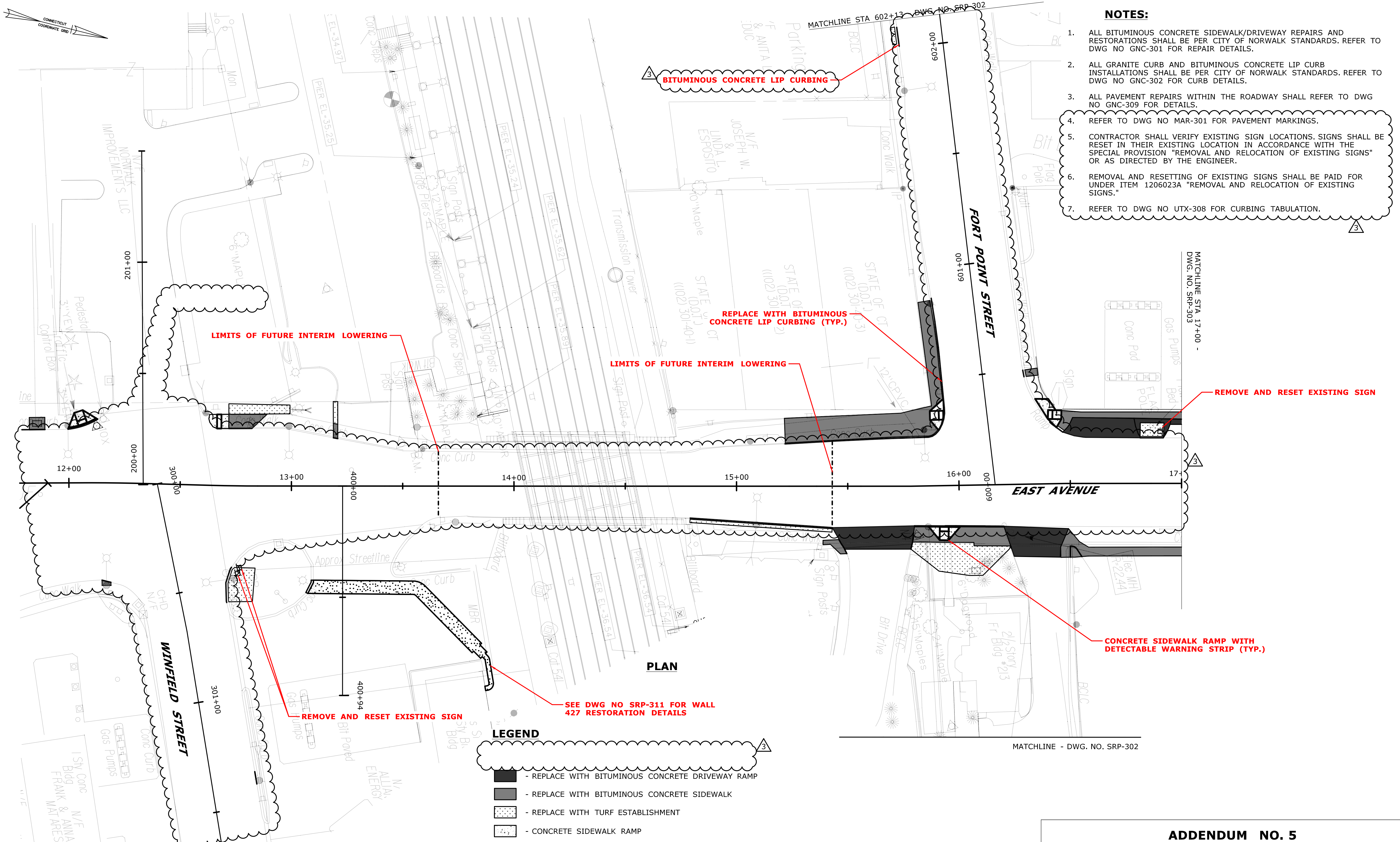


SIGNATURE/
BLOCK:
PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

TOWN:
NORWALK
DRAWING TITLE:
**EAST AVENUE
TRENCHING PLAN - 4**

PROJECT NO.
0301-0515
DRAWING NO.
TRE-304
SHEET NO.
03.127.A1

Filename: ...0301-0515_03_TRE-304_A01.dgn



- NOTES:**
1. ALL BITUMINOUS CONCRETE SIDEWALK/DRIVEWAY REPAIRS AND RESTORATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-301 FOR REPAIR DETAILS.
 2. ALL GRANITE CURB AND BITUMINOUS CONCRETE LIP CURB INSTALLATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-302 FOR CURB DETAILS.
 3. ALL PAVEMENT REPAIRS WITHIN THE ROADWAY SHALL REFER TO DWG NO GNC-309 FOR DETAILS.
 4. REFER TO DWG NO MAR-301 FOR PAVEMENT MARKINGS.
 5. CONTRACTOR SHALL VERIFY EXISTING SIGN LOCATIONS. SIGNS SHALL BE RESET IN THEIR EXISTING LOCATION IN ACCORDANCE WITH THE SPECIAL PROVISION "REMOVAL AND RELOCATION OF EXISTING SIGNS" OR AS DIRECTED BY THE ENGINEER.
 6. REMOVAL AND RESETTING OF EXISTING SIGNS SHALL BE PAID FOR UNDER ITEM 1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS."
 7. REFER TO DWG NO UTX-308 FOR CURBING TABULATION.

PLAN

LEGEND

- REPLACE WITH BITUMINOUS CONCRETE DRIVEWAY RAMP
- REPLACE WITH BITUMINOUS CONCRETE SIDEWALK
- REPLACE WITH TURF ESTABLISHMENT
- CONCRETE SIDEWALK RAMP

ADDENDUM NO. 5

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
04/02/21		REMOVED MILL & PAVE, REPLACED GRANITE WITH BIT. CURB	03.080.A5
12/22/20		CLARIFIED RESETTING OF EXISTING SIGNS	03.080.A3
11/20/20		REVISED SITE RESTORATION DETAILS	03.080.A1

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER: **AMW**
 CHECKED BY: **ADC**
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 SCALE 1"=20'

Plotted Date: 4/1/2021

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

Signature/Block:

File name: ...10301-0515_03_SRP-301_A05.dgn

PROJECT TITLE:
**THE WALK BRIDGE
 ADVANCED UTILITIES
 CONSTRUCTION CONTRACT**

Signature/Block:

ADA
 A.SiCerra Associates, P.C.
 400 Green Avenue
 Bridgeport, CT 06606
 203-656-0544
 www.adacorepc.com

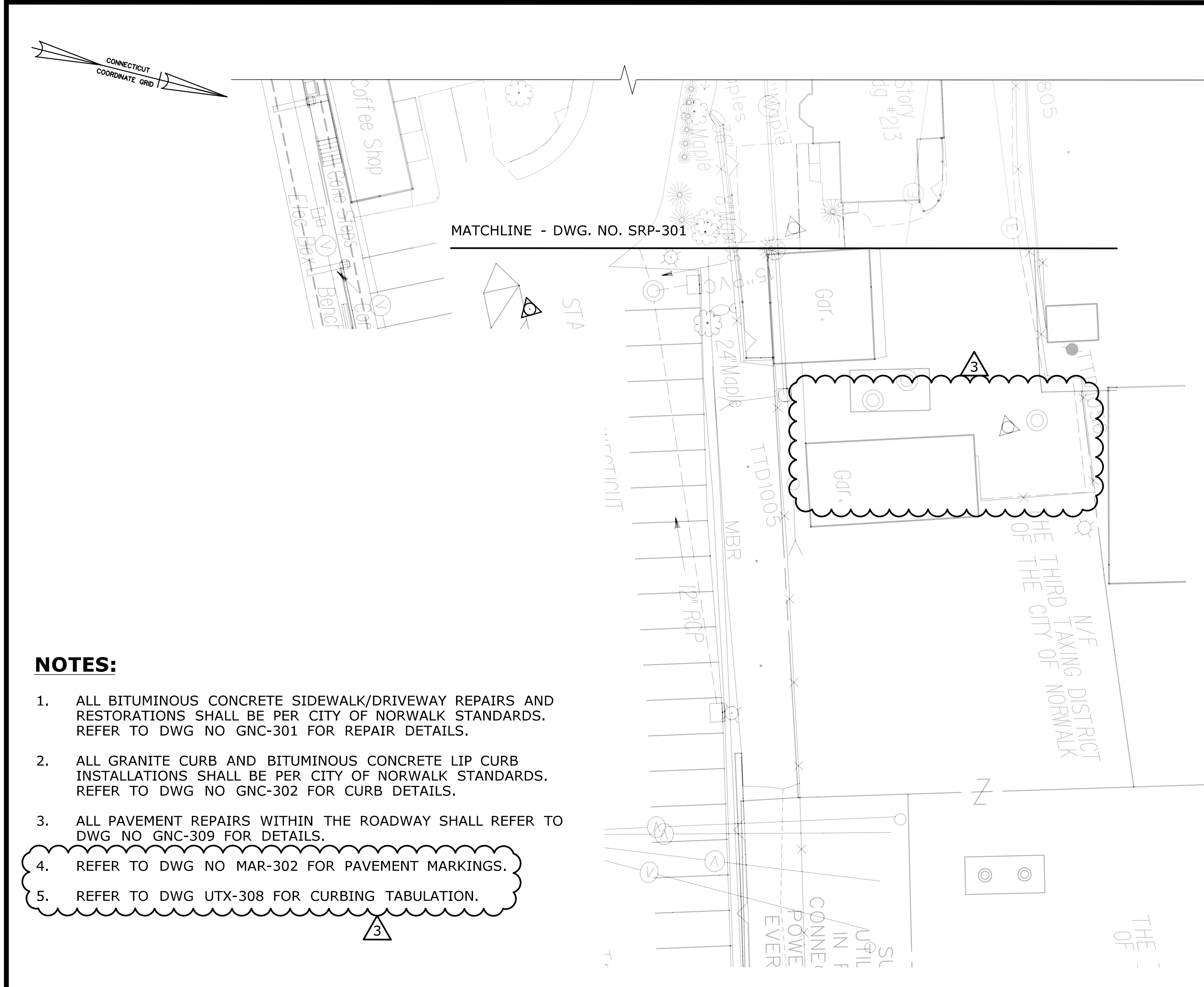
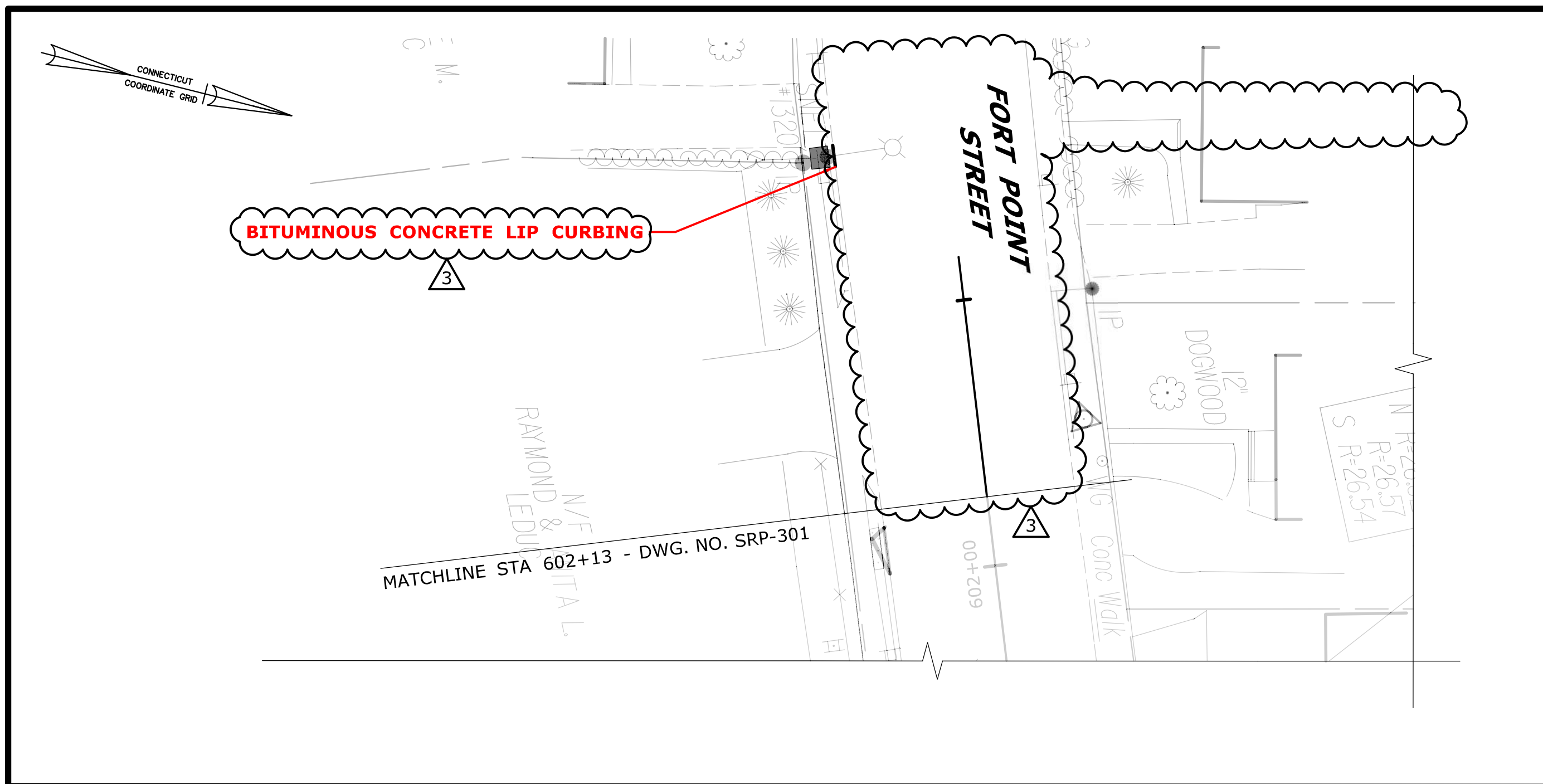
TOWN: **NORWALK**

DRAWING TITLE:
**EAST AVENUE
 SITE RESTORATION PLAN - 1**

PROJECT NO.: **0301-0515**

DRAWING NO.: **SRP-301**

SHEET NO.: **03.080.A5**



- NOTES:**
1. ALL BITUMINOUS CONCRETE SIDEWALK/DRIVEWAY REPAIRS AND RESTORATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-301 FOR REPAIR DETAILS.
 2. ALL GRANITE CURB AND BITUMINOUS CONCRETE LIP CURB INSTALLATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-302 FOR CURB DETAILS.
 3. ALL PAVEMENT REPAIRS WITHIN THE ROADWAY SHALL REFER TO DWG NO GNC-309 FOR DETAILS.
 4. REFER TO DWG NO MAR-302 FOR PAVEMENT MARKINGS.
 5. REFER TO DWG UTX-308 FOR CURBING TABULATION.

LEGEND

- REPLACE WITH BITUMINOUS CONCRETE DRIVEWAY RAMP
- REPLACE WITH BITUMINOUS CONCRETE SIDEWALK
- REPLACE WITH TURF ESTABLISHMENT
- CONCRETE SIDEWALK RAMP

ADDENDUM NO. 5

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
04/02/21		REMOVED MILL & PAVE, REPLACED GRANITE WITH BIT. CURB	03.081.A5
12/22/20		ADDED CURB TABULATION NOTE	03.081.A3
11/20/20		REVISED SITE RESTORATION DETAILS	03.081.A1

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 4/1/2021

DESIGNER/DRAFTER:
AMW

CHECKED BY:
ADC

SCALE IN FEET

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SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Signature/Block: [Signature]

ADA
Americans with Disabilities Act

ADA Compliance Associates, P.C.
400 Green Avenue
Bridgewater, CT 06606
860-656-5064
www.adacompliance.com

SIGNATURE/BLOCK:

PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

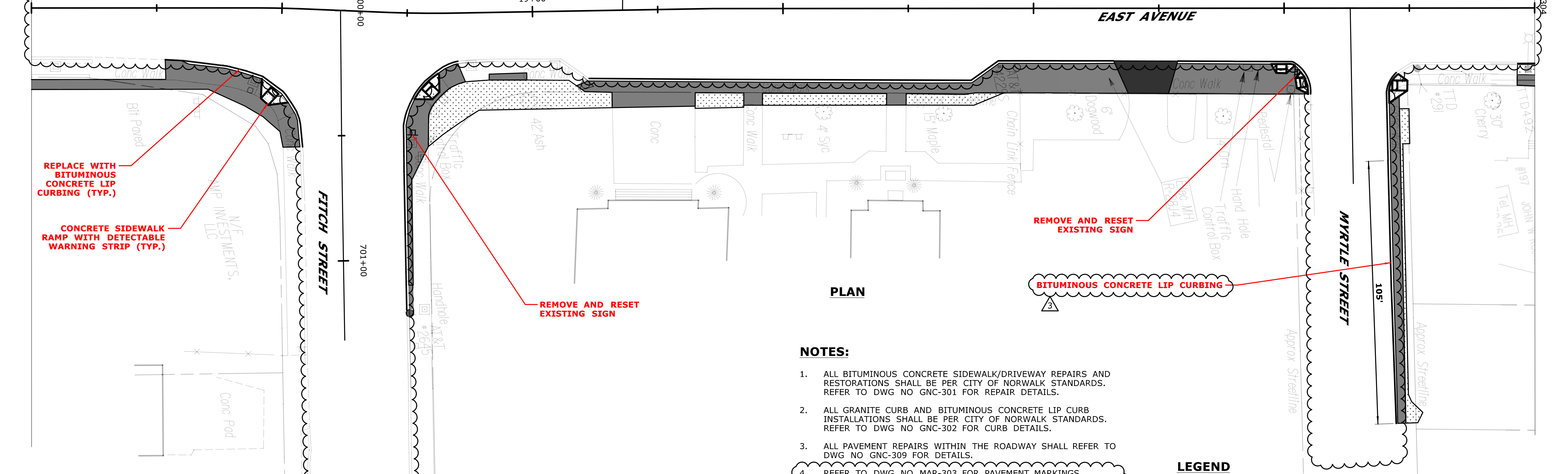
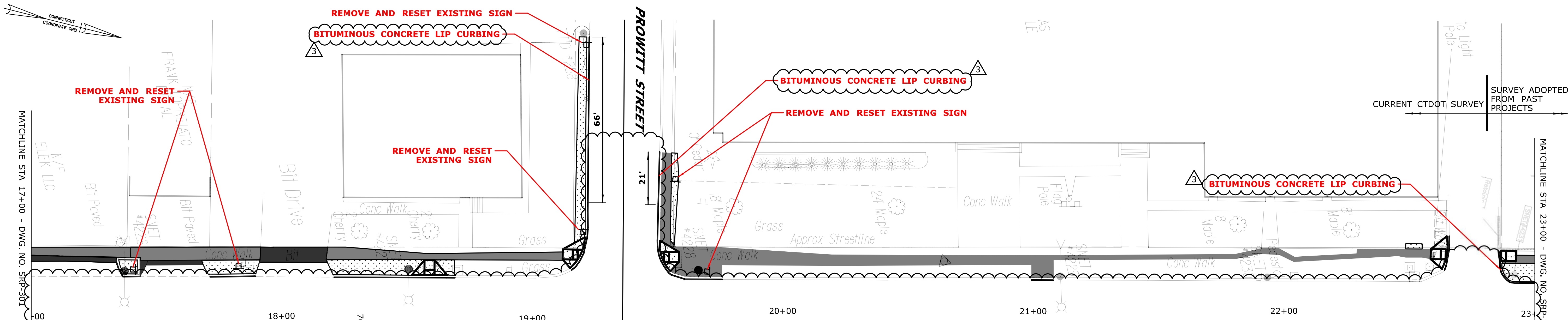
TOWN:
NORWALK

DRAWING TITLE:
**EAST AVENUE
SITE RESTORATION PLAN - 2**

PROJECT NO.
0301-0515

DRAWING NO.
SRP-302

SHEET NO.
03.081.A5



PLAN

NOTES:

1. ALL BITUMINOUS CONCRETE SIDEWALK/DRIVEWAY REPAIRS AND RESTORATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-301 FOR REPAIR DETAILS.
2. ALL GRANITE CURB AND BITUMINOUS CONCRETE LIP CURB INSTALLATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-302 FOR CURB DETAILS.
3. ALL PAVEMENT REPAIRS WITHIN THE ROADWAY SHALL REFER TO DWG NO GNC-309 FOR DETAILS.
4. REFER TO DWG NO MAR-303 FOR PAVEMENT MARKINGS.
5. CONTRACTOR SHALL VERIFY EXISTING SIGN LOCATIONS. SIGNS SHALL BE RESET IN THEIR EXISTING LOCATION IN ACCORDANCE WITH THE SPECIAL PROVISION "REMOVAL AND RELOCATION OF EXISTING SIGNS" OR AS DIRECTED BY THE ENGINEER.
6. REMOVAL AND RESETTING OF EXISTING SIGNS SHALL BE PAID FOR UNDER ITEM 1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS."
7. REFER TO DWG NO UTX-308 FOR CURBING TABULATION.

LEGEND

- REPLACE WITH BITUMINOUS CONCRETE DRIVEWAY RAMP
- REPLACE WITH BITUMINOUS CONCRETE SIDEWALK
- REPLACE WITH TURF ESTABLISHMENT
- CONCRETE SIDEWALK RAMP

ADDENDUM NO. 5

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
04/02/21		REMOVED MILL & PAVE, REPLACED GRANITE WITH BIT. CURB	03.082.A5
12/22/20		CLARIFIED RESETTING OF EXISTING SIGNS	03.082.A3
11/20/20		REVISED SITE RESTORATION DETAILS	03.082.A1

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DESIGNER/DRAFTER: AMW
 CHECKED BY: ADC
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 SCALE 1"=20'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

Signature/Block: [Signature]

PROJECT TITLE:
**THE WALK BRIDGE
 ADVANCED UTILITIES
 CONSTRUCTION CONTRACT**

TOWN:
NORWALK

DRAWING TITLE:
**EAST AVENUE
 SITE RESTORATION PLAN - 3**

PROJECT NO.
0301-0515

DRAWING NO.
SRP-303

SHEET NO.
03.082.A5

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
04/02/21		REMOVED MILL & PAVE, REPLACED GRANITE WITH BIT. CURB	03.082.A5
12/22/20		CLARIFIED RESETTING OF EXISTING SIGNS	03.082.A3
11/20/20		REVISED SITE RESTORATION DETAILS	03.082.A1

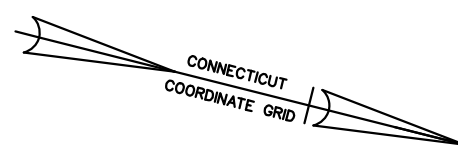
Plotted Date: 4/1/2021

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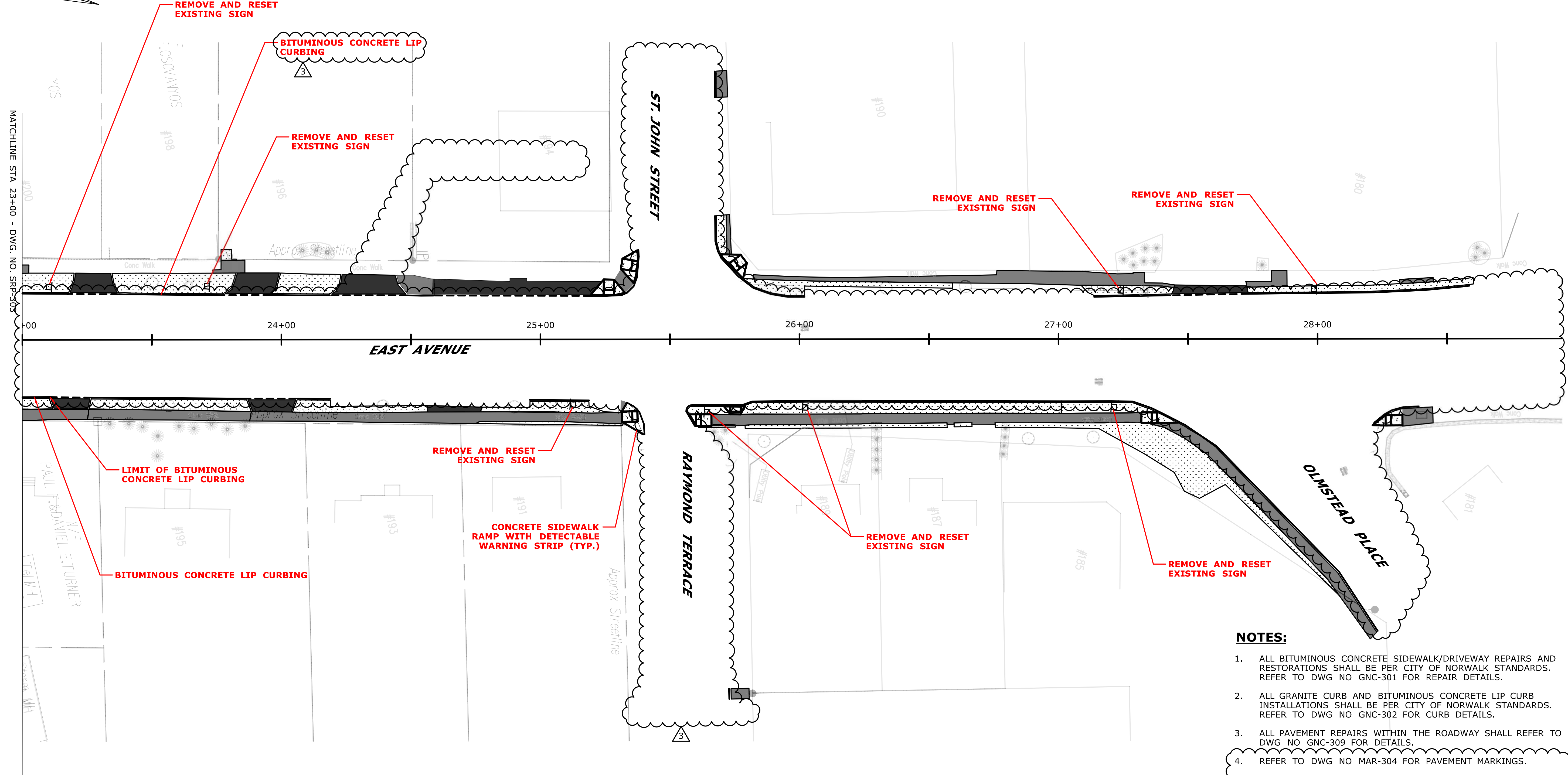
www.adiconsulting.com

ADICONSULTING

ADICONSULTING



MATCHLINE STA. 23+00 - DWG. NO. SRP-304



PLAN

NOTES:

1. ALL BITUMINOUS CONCRETE SIDEWALK/DRIVEWAY REPAIRS AND RESTORATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-301 FOR REPAIR DETAILS.
2. ALL GRANITE CURB AND BITUMINOUS CONCRETE LIP CURB INSTALLATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-302 FOR CURB DETAILS.
3. ALL PAVEMENT REPAIRS WITHIN THE ROADWAY SHALL REFER TO DWG NO GNC-309 FOR DETAILS.
4. REFER TO DWG NO MAR-304 FOR PAVEMENT MARKINGS.
5. CONTRACTOR SHALL VERIFY EXISTING SIGN LOCATIONS. SIGNS SHALL BE RESET IN THEIR EXISTING LOCATION IN ACCORDANCE WITH THE SPECIAL PROVISION "REMOVAL AND RELOCATION OF EXISTING SIGNS" OR AS DIRECTED BY THE ENGINEER.
6. REMOVAL AND RESETTING OF EXISTING SIGNS SHALL BE PAID FOR UNDER ITEM 1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS."
7. REFER TO DWG NO UTX-308 FOR CURBING TABULATION.

LEGEND

- REPLACE WITH BITUMINOUS CONCRETE DRIVEWAY RAMP
- REPLACE WITH BITUMINOUS CONCRETE SIDEWALK
- REPLACE WITH TURF ESTABLISHMENT
- CONCRETE SIDEWALK RAMP

ADDENDUM NO. 5

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
04/02/21		REMOVED MILL & PAVE, REPLACED GRANITE WITH BIT. CURB	03.083.A5
12/22/20		CLARIFIED RESETTING OF EXISTING SIGNS	03.083.A3
11/20/20		REVISED SITE RESTORATION DETAILS	03.083.A1

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Plotted Date: 4/1/2021

DESIGNER/DRAFTER:
AMW

CHECKED BY:
ADC

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SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...10301-0515_03_SRP-304_A05.dgn

SIGNATURE/BLOCK:

ADA
Adaptive Design Associates, P.C.
400 Green Avenue
Bridgeport, CT 06604
203-656-5444
www.adacorp.com

PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

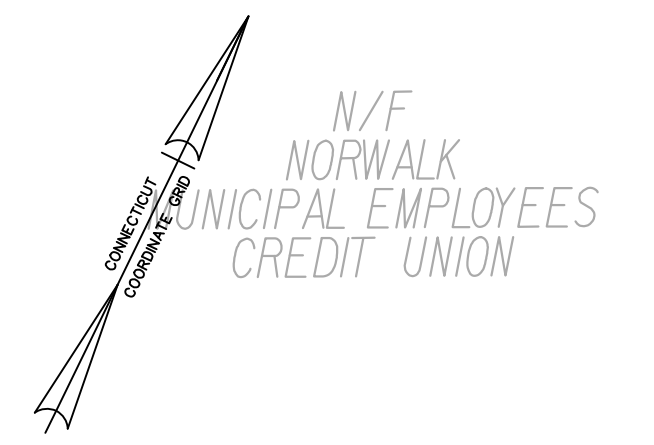
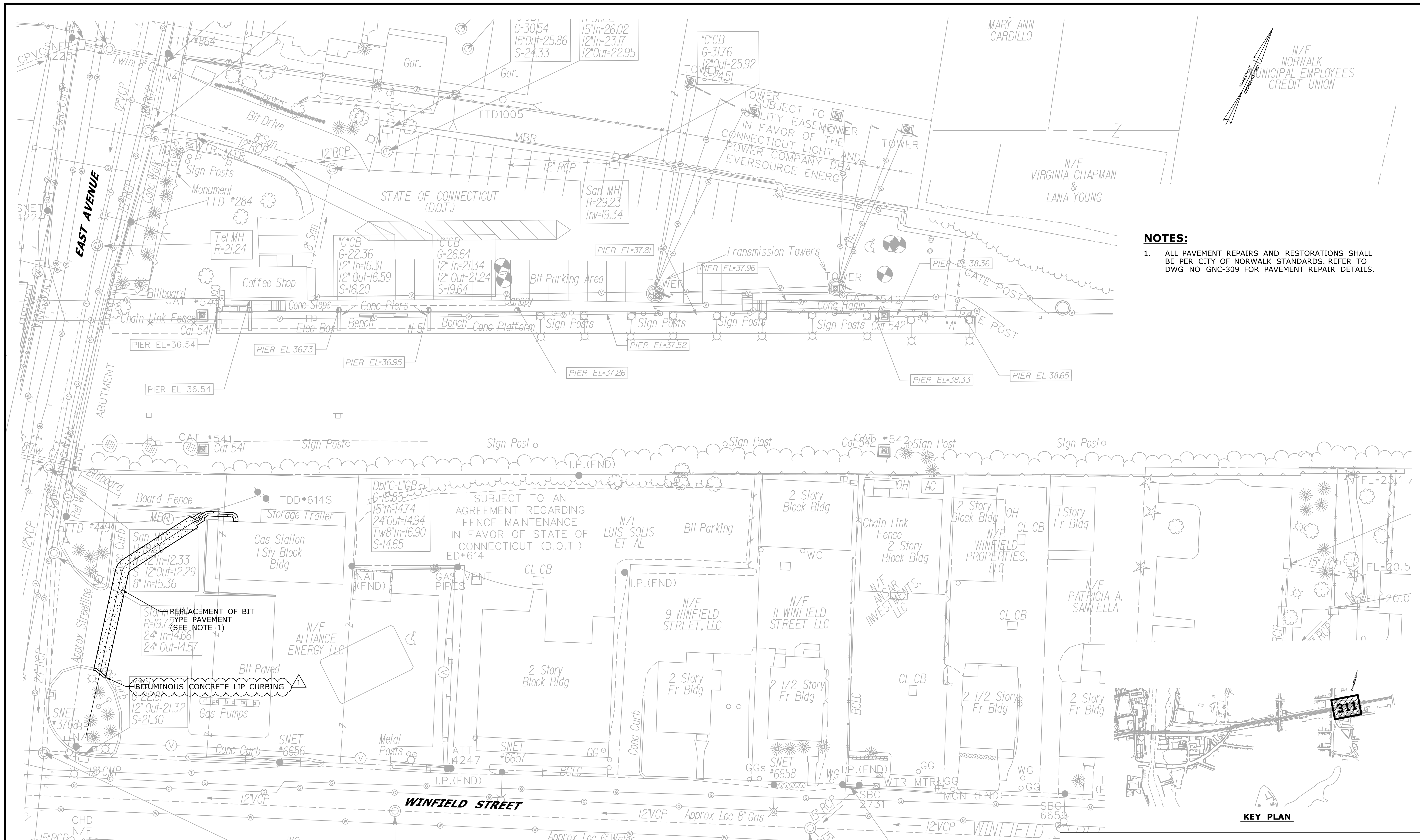
TOWN:
NORWALK

DRAWING TITLE:
**EAST AVENUE
SITE RESTORATION PLAN - 4**

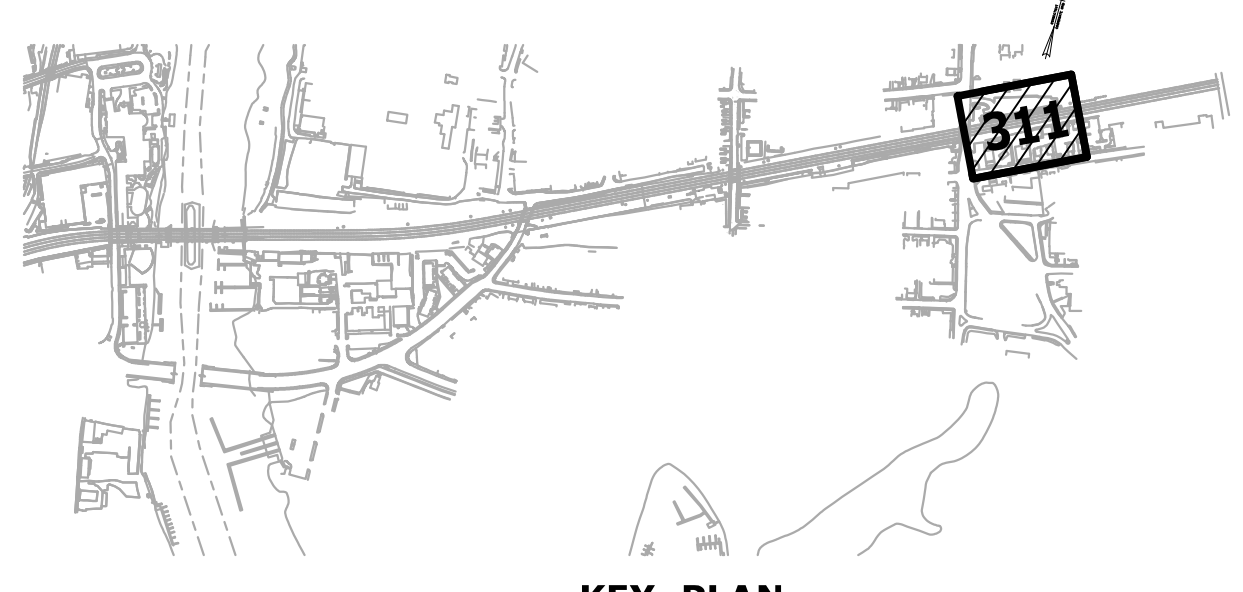
PROJECT NO.
0301-0515

DRAWING NO.
SRP-304

SHEET NO.
03.083.A5



NOTES:
 1. ALL PAVEMENT REPAIRS AND RESTORATIONS SHALL BE PER CITY OF NORWALK STANDARDS. REFER TO DWG NO GNC-309 FOR PAVEMENT REPAIR DETAILS.



ADDENDUM NO. 5

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	04/02/21	REPLACED CONCRETE WITH BIT. CURB	03.090.A5

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Plotted Date: 4/2/2021

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JK/SD
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ADC
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STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

File name: ...10301-0515_03_SRP-311_A05.dgn

SIGNATURE/
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ADA
 Equalized Excellence

A. DiCesare Associates, P.C.
 893 Linton Avenue
 Bloomfield, CT 06034
 860-896-0044
 www.adicassoc.com

PROJECT TITLE:
**THE WALK BRIDGE
 ADVANCED UTILITIES
 CONSTRUCTION CONTRACT**

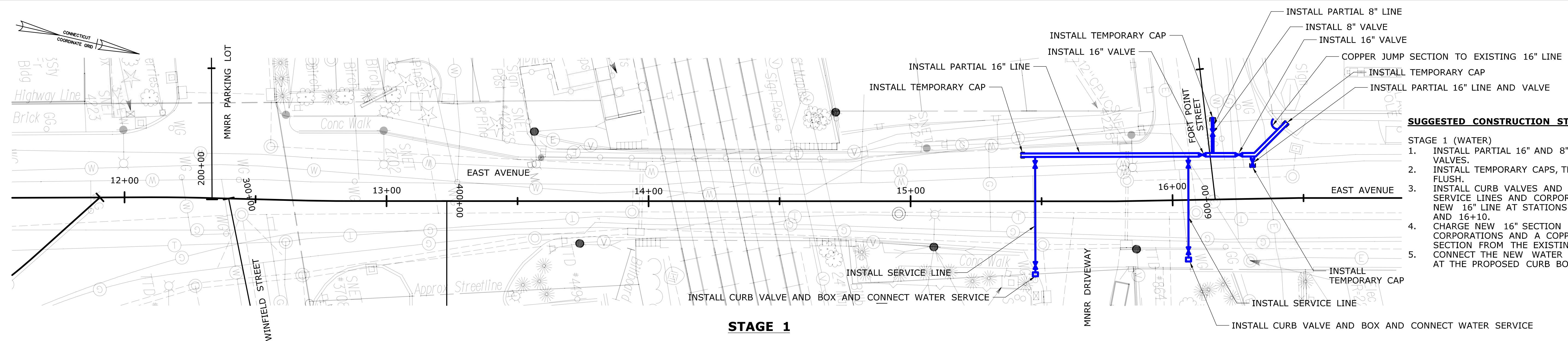
TOWN:
NORWALK

DRAWING TITLE:
**WALL 427
 SITE RESTORATION PLAN**

PROJECT NO.
0301-0515

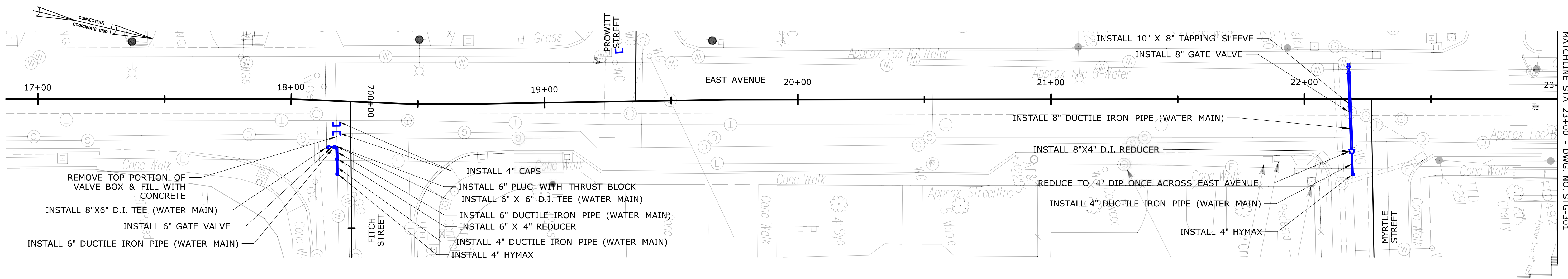
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SRP-311

SHEET NO.
03.090.A5



STAGE 1

- SUGGESTED CONSTRUCTION STAGING**
- STAGE 1 (WATER)
1. INSTALL PARTIAL 16" AND 8" LINES AND VALVES.
 2. INSTALL TEMPORARY CAPS, TEST AND FLUSH.
 3. INSTALL CURB VALVES AND BOXES, SERVICE LINES AND CORPORATIONS TO NEW 16" LINE AT STATIONS 15+45 AND 16+10.
 4. CHARGE NEW 16" SECTION USING CORPORATIONS AND A COPPER JUMP SECTION FROM THE EXISTING 16" LINE.
 5. CONNECT THE NEW WATER SERVICES AT THE PROPOSED CURB BOXES.



STAGE 2

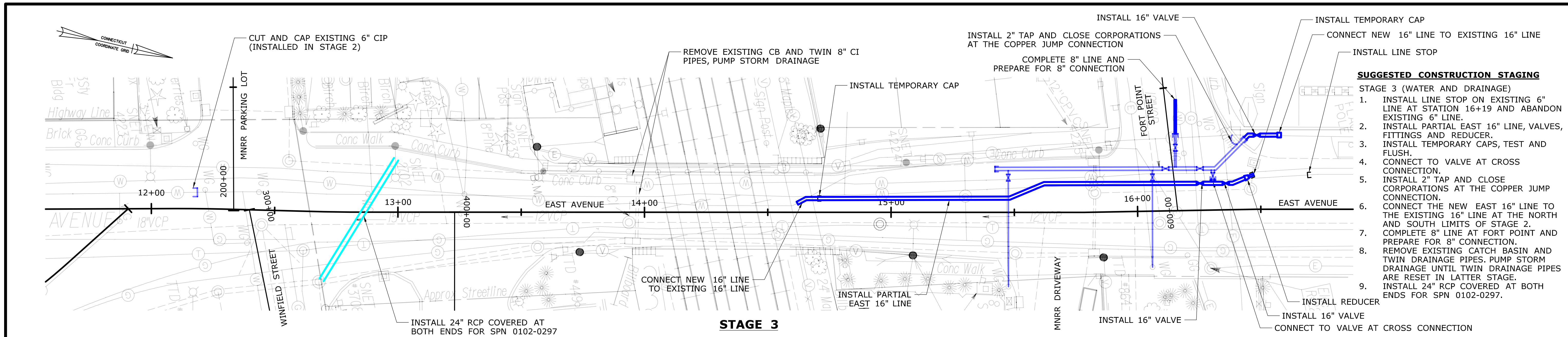
- SUGGESTED CONSTRUCTION STAGING**
- STAGE 2 (WATER)
1. **FITCH STREET:**
-INSTALL 6" D.I. PIPE, 6" GATE VALVE, 8"x6" D.I. TEE, 6"x6" D.I. TEE, 6"x4" REDUCER, 4" D.I. PIPE AND 4" HYMAX
-INSTALL 4" CAPS & 6" PLUG WITH THRUST BLOCK, REMOVE TOP PORTION OF VALVE BOX & FILL WITH CONCRETE
 2. **MYRTLE STREET:**
-INSTALL 8" D.I. PIPE, 8"x4" D.I. REDUCER, 4" D.I. PIPE, 8" GATE VALVE AND 10" X 8" TAPPING SLEEVE AND 4" HYMAX
-CONNECT NEW 8" D.I. PIPE TO EXISTING 10" PIPE
 3. **FIRE HYDRANT:**
-INSTALL 6" D.I. PIPE, 6" GATE VALVE, HYDRANT ASSEMBLY AND 10"x6" TAPPING SLEEVE.

4. **OLMSTEAD PLACE:**
-INSTALL 8" D.I. PIPE, 8" GATE VALVE, 8"x6" D.I. REDUCER, 6" D.I. PIPE, 10"x8" TAPPING SLEEVE, AND 6" HYMAX
5. CLOSE EXISTING 6" VALVE NEAR POLE 34299 (STA 28+85), CUT AND CAP BETWEEN FITTING AND VALVE AND THRUST BLOCK.
6. CLOSE EXISTING 6" VALVE AT WINFIELD STREET (STA 12+18), PLACE PLUG WITH THRUST BLOCK. CUT AND CAP EXISTING 6" CIP AT WINFIELD STREET.

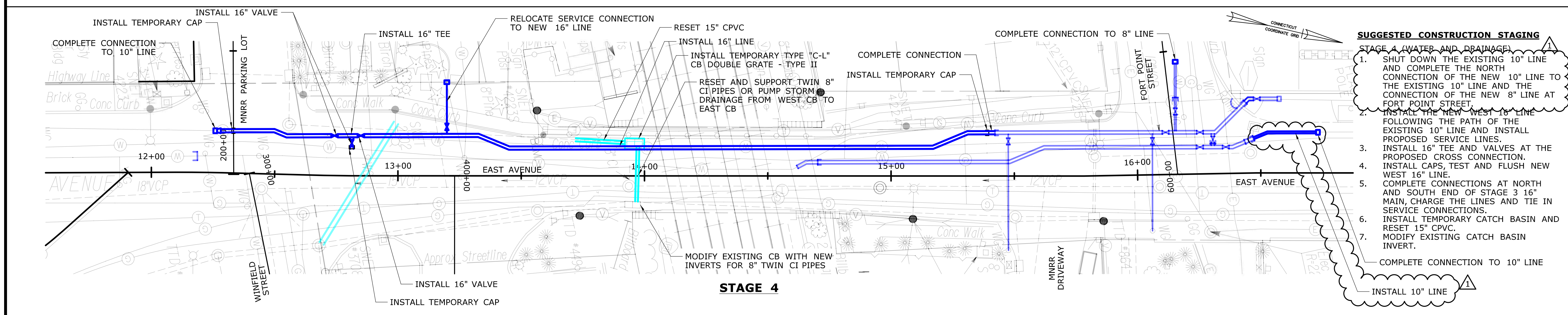
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█	TELECOMMUNICATIONS
█	SANITARY
█	STORM
█	WATER

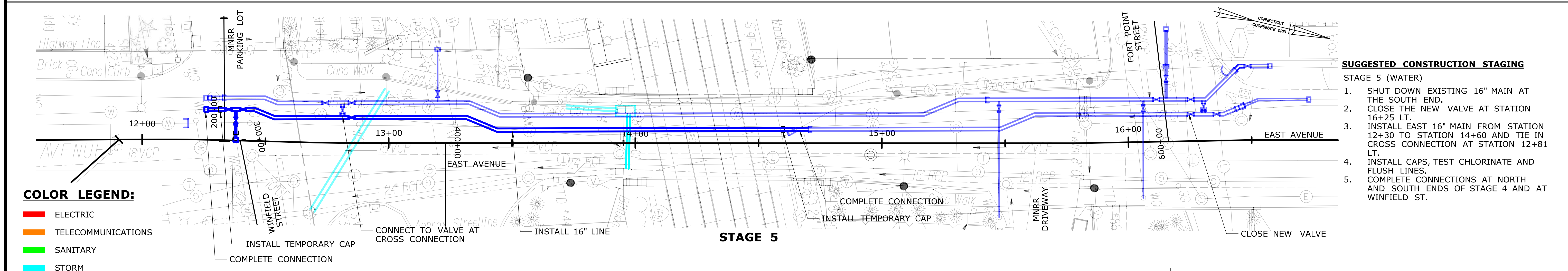
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>SHEET NO.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV.	DATE	REVISION DESCRIPTION	SHEET NO.					<p>Plotted Date: 9/8/2020</p>	<p>DESIGNER/DRAFTER: JK/SD</p> <p>CHECKED BY: ADC</p> <p>SCALE IN FEET</p> <p>0 20 40</p> <p>SCALE 1"=20'</p>	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p> <p>Filename: ..\0301-0515_03_STG-301.dgn</p>	<p>SIGNATURE/BLOCK:</p> <p>ADA A. Adams Association, P.C. 400 Clinton Avenue Bridgewater, CT 06606 (860) 699-0464 www.adacorp.com</p>	<p>PROJECT TITLE:</p> <p style="text-align: center;">THE WALK BRIDGE ADVANCED UTILITIES CONSTRUCTION CONTRACT</p>	<p>TOWN: NORWALK</p> <p>DRAWING TITLE: EAST AVENUE STAGES 1 & 2 CONSTRUCTION</p>	<p>PROJECT NO.: 0301-0515</p> <p>DRAWING NO.: STG-301</p> <p>SHEET NO.: 03.063</p>
REV.	DATE	REVISION DESCRIPTION	SHEET NO.												



- SUGGESTED CONSTRUCTION STAGING**
- STAGE 3 (WATER AND DRAINAGE)
1. INSTALL LINE STOP ON EXISTING 6" LINE AT STATION 16+19 AND ABANDON EXISTING 6" LINE.
 2. INSTALL PARTIAL EAST 16" LINE, VALVES, FITTINGS AND REDUCER.
 3. INSTALL TEMPORARY CAPS, TEST AND FLUSH.
 4. CONNECT TO VALVE AT CROSS CONNECTION.
 5. INSTALL 2" TAP AND CLOSE CORPORATIONS AT THE COPPER JUMP CONNECTION.
 6. CONNECT THE NEW EAST 16" LINE TO THE EXISTING 16" LINE AT THE NORTH AND SOUTH LIMITS OF STAGE 2.
 7. COMPLETE 8" LINE AT FORT POINT AND PREPARE FOR 8" CONNECTION.
 8. REMOVE EXISTING CATCH BASIN AND TWIN DRAINAGE PIPES. PUMP STORM DRAINAGE UNTIL TWIN DRAINAGE PIPES ARE RESET IN LATTER STAGE.
 9. INSTALL 24" RCP COVERED AT BOTH ENDS FOR SPN 0102-0297.



- SUGGESTED CONSTRUCTION STAGING**
- STAGE 4 (WATER AND DRAINAGE)
1. SHUT DOWN THE EXISTING 10" LINE AND COMPLETE THE NORTH CONNECTION OF THE NEW 10" LINE TO THE EXISTING 10" LINE AND THE CONNECTION OF THE NEW 8" LINE AT FORT POINT STREET.
 2. INSTALL THE NEW WEST 16" LINE FOLLOWING THE PATH OF THE EXISTING 10" LINE AND INSTALL PROPOSED SERVICE LINES.
 3. INSTALL 16" TEE AND VALVES AT THE PROPOSED CROSS CONNECTION.
 4. INSTALL CAPS, TEST AND FLUSH NEW WEST 16" LINE.
 5. COMPLETE CONNECTIONS AT NORTH AND SOUTH END OF STAGE 3 16" MAIN, CHARGE THE LINES AND TIE IN SERVICE CONNECTIONS.
 6. INSTALL TEMPORARY CATCH BASIN AND RESET 15" CPVC.
 7. MODIFY EXISTING CATCH BASIN INVERT.



- SUGGESTED CONSTRUCTION STAGING**
- STAGE 5 (WATER)
1. SHUT DOWN EXISTING 16" MAIN AT THE SOUTH END.
 2. CLOSE THE NEW VALVE AT STATION 16+25 LT.
 3. INSTALL EAST 16" MAIN FROM STATION 12+30 TO STATION 14+60 AND TIE IN CROSS CONNECTION AT STATION 12+81 LT.
 4. INSTALL CAPS, TEST CHLORINATE AND FLUSH LINES.
 5. COMPLETE CONNECTIONS AT NORTH AND SOUTH ENDS OF STAGE 4 AND AT WINFIELD ST.

- COLOR LEGEND:**
- █ ELECTRIC
 - █ TELECOMMUNICATIONS
 - █ SANITARY
 - █ STORM
 - █ WATER

ADDENDUM NO. 1

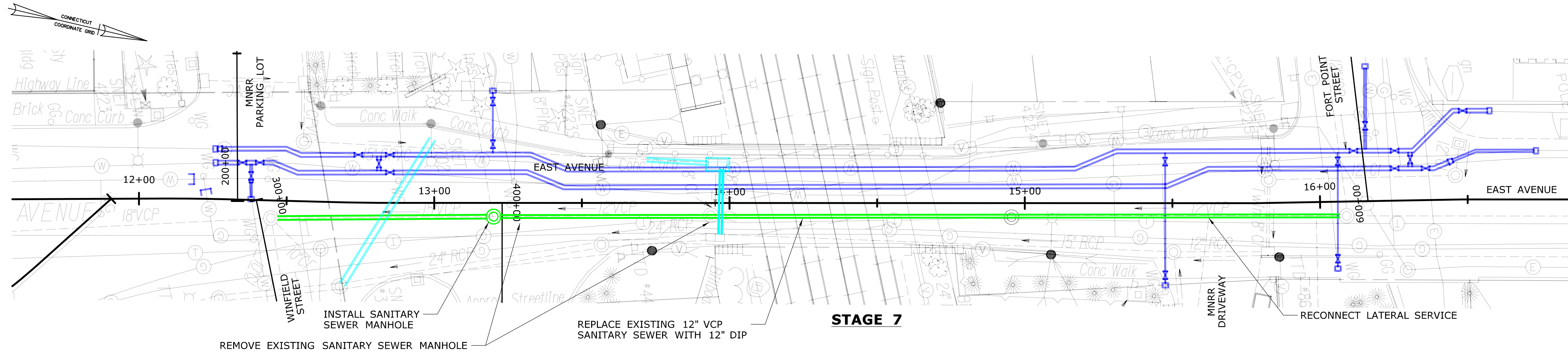
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.
11/20/20		REVISED NOTES AND WATERMAIN SIZE	03.064.A1

SEE EVERSOURCE GAS PLAN FOR ABANDONMENT OF GAS MAINS (SHEET FIO-301)
STAGE 6

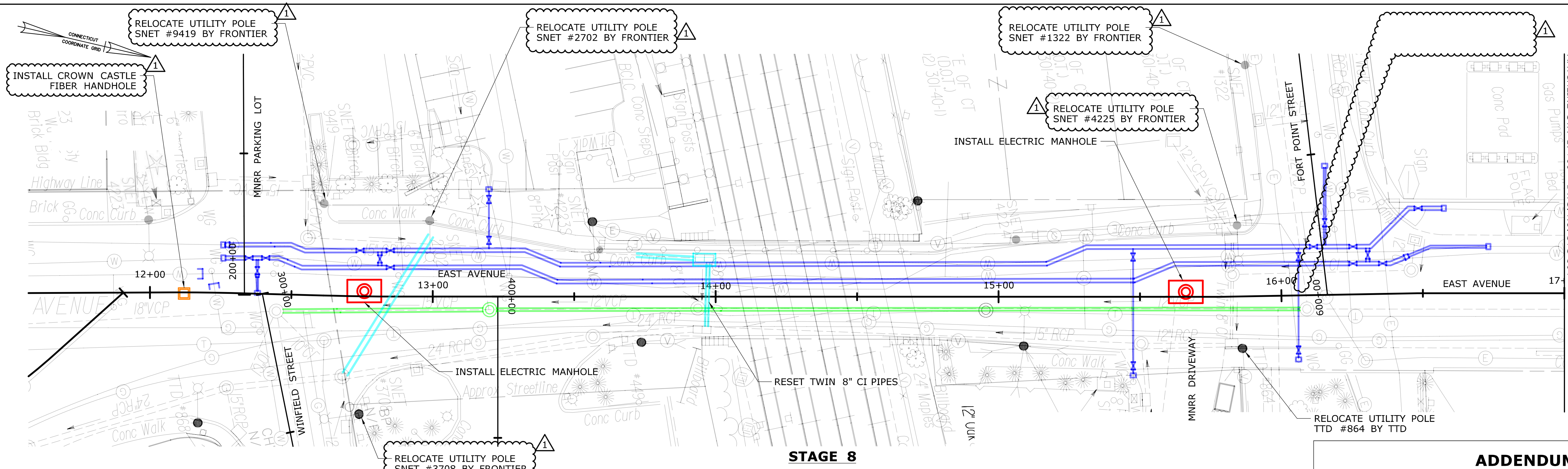
SUGGESTED CONSTRUCTION STAGING

- STAGE 6 (GAS)
 1. SEE EVERSOURCE GAS PLAN FOR ABANDONMENT OF GAS MAINS (SHEET FIO-301)



SUGGESTED CONSTRUCTION STAGING

- STAGE 7 (SANITARY)
 1. IMPLEMENT SANITARY SEWER BYPASS.
 2. INSTALL PROPOSED SANITARY SEWER MANHOLE.
 3. INSTALL NEW DUCTILE IRON SANITARY SEWER MAIN.
 4. REMOVE SANITARY SEWER BYPASS.



SUGGESTED CONSTRUCTION STAGING

- STAGE 8 (ELECTRIC & CROWN CASTLE)
 1. INSTALL ELECTRIC MANHOLES AS INDICATED.
 2. INSTALL CROWN CASTLE FIBER MANHOLE AS INDICATED.
 3. RELOCATE UTILITY POLES AS INDICATED.

COLOR LEGEND:

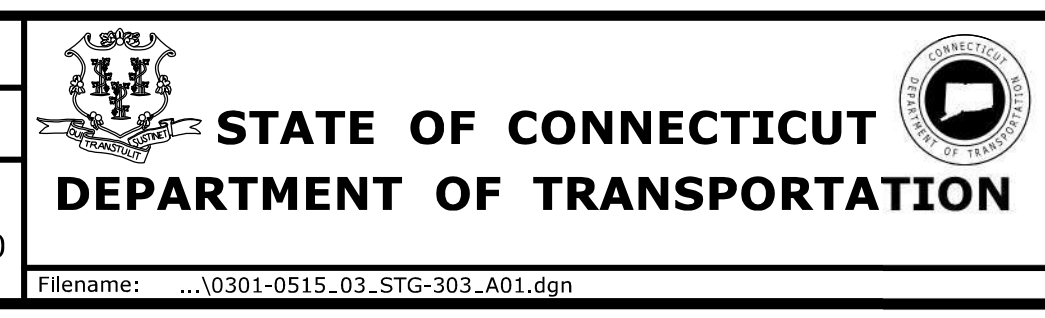
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- █ SANITARY
- █ STORM
- █ WATER

ADDENDUM NO. 1

REV	DATE	REVISION DESCRIPTION	SHEET NO.
1	11/20/20	CHANGED COMM MANHOLE TO HANDHOLE	03.065.A1

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DESIGNER/DRAFTER: **JK/SD**
 CHECKED BY: **ADC**
 SCALE IN FEET
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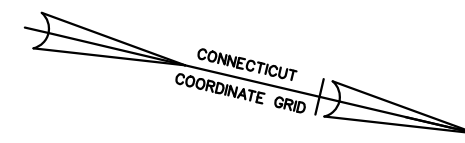


SIGNATURE/BLOCK:
 ADA
 A.D. Collins Associates, P.C.
 690 Center Avenue
 Bridgeport, CT 06605
 203-436-6444
 www.adacollins.com

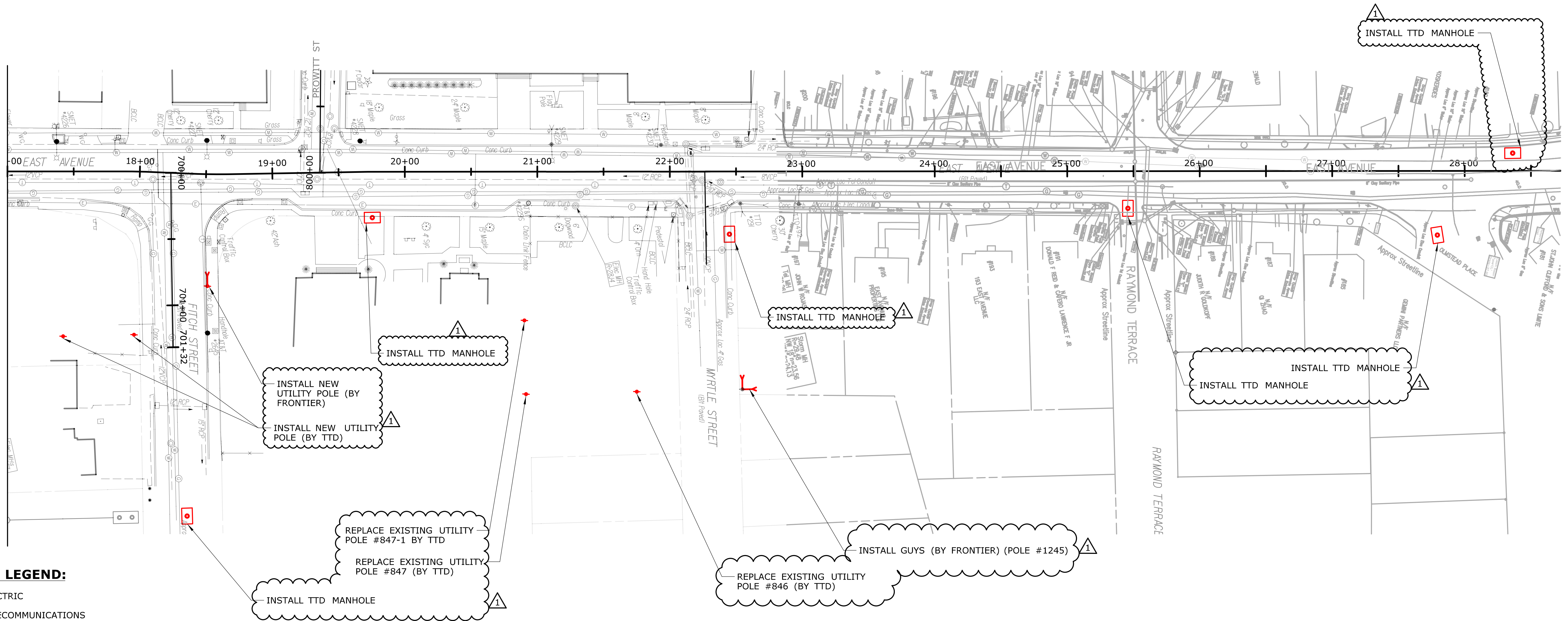
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**THE WALK BRIDGE
 ADVANCED UTILITIES
 CONSTRUCTION CONTRACT**

TOWN: **NORWALK**
 DRAWING TITLE:
**EAST AVENUE
 STAGES 6 - 8 CONSTRUCTION**

PROJECT NO.: **0301-0515**
 DRAWING NO.: **STG-303**
 SHEET NO.: **03.065.A1**



MATCHLINE STA 17+00 - DWG. NO. STG-303



COLOR LEGEND:

- ELECTRIC
- TELECOMMUNICATIONS
- SANITARY
- STORM
- WATER

SUGGESTED CONSTRUCTION SEQUENCE:

- STAGE 8 (ELECTRIC)
1. INSTALL UTILITY POLES AND REMOVE AND REPLACE EXISTING UTILITY POLES WHERE SHOWN ON PLANS.
 2. INSTALL TTD VAULTS.

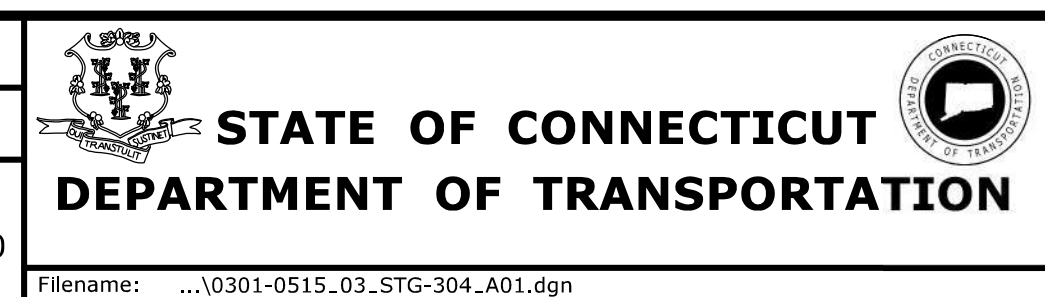
STAGE 8

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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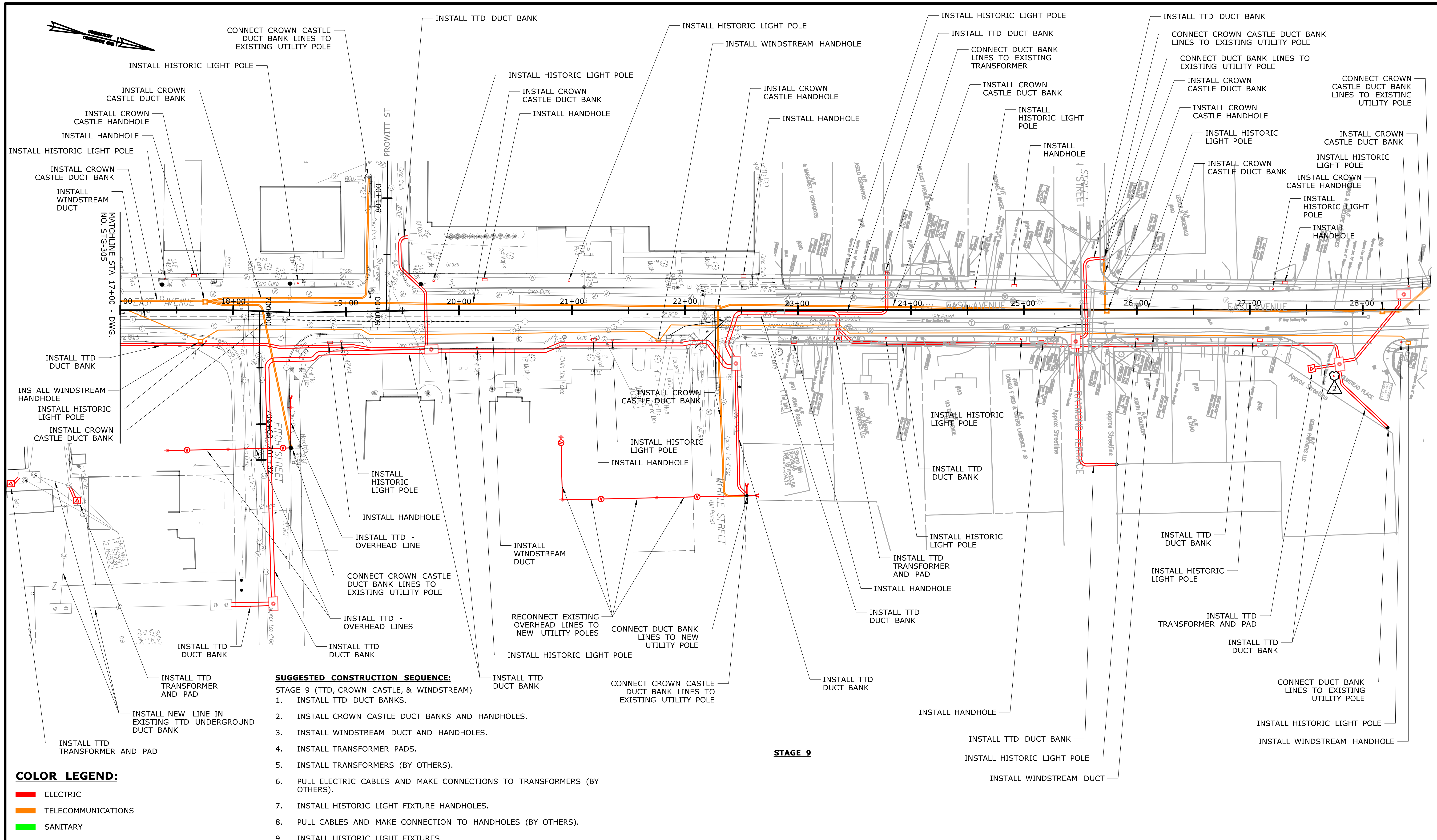
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SD/JK
CHECKED BY:
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PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

TOWN: **NORWALK**
DRAWING TITLE:
**EAST AVENUE
STAGE 8 CONSTRUCTION**

PROJECT NO.: **0301-0515**
DRAWING NO.: **STG-304**
SHEET NO.: **03.066.A1**



COLOR LEGEND:

- █ ELECTRIC
- █ TELECOMMUNICATIONS
- █ SANITARY
- █ STORM
- █ WATER

ADDENDUM NO. 3

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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11/20/20		REVISED UTILITY LAYOUTS AND CALLOUTS	03.068.A1

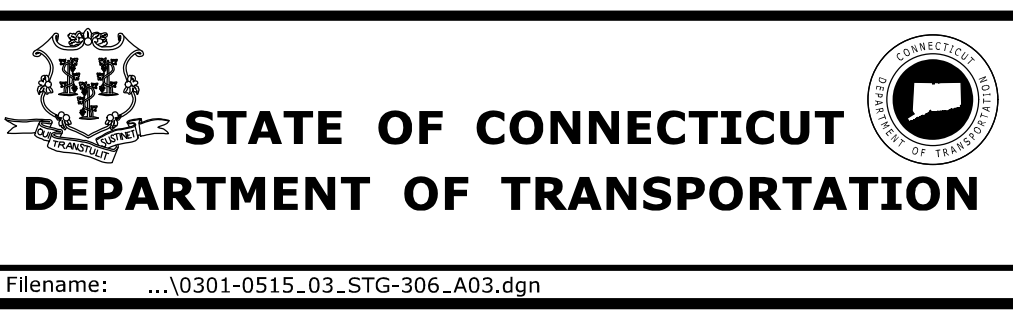
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Plotted Date: 12/21/2020

DESIGNER/DRAFTER:
SD/JK

CHECKED BY:
ADC

SCALE IN FEET
0 40 80
SCALE 1"=40'



SIGNATURE/
BLOCK:

PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

TOWN: **NORWALK**

DRAWING TITLE:
**EAST AVENUE
STAGE 9 CONSTRUCTION**

PROJECT NO.: **0301-0515**

DRAWING NO.: **STG-306**

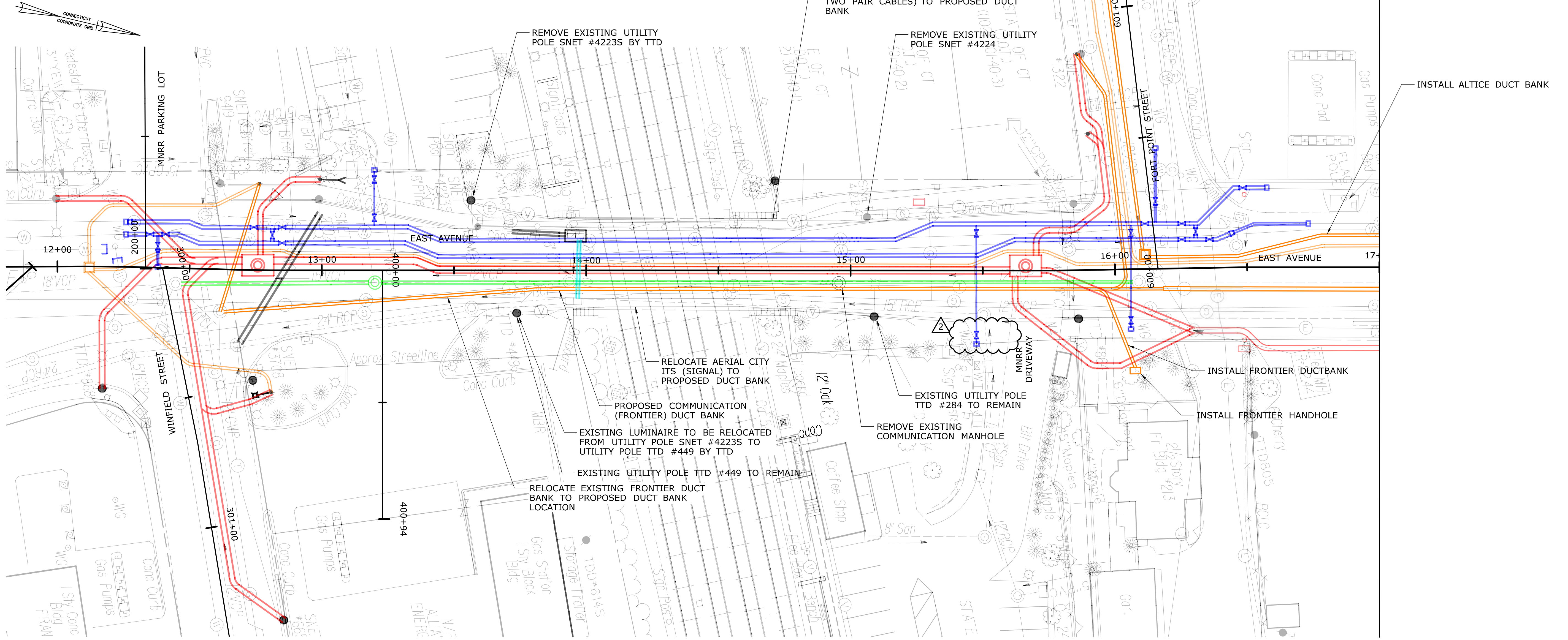
SHEET NO.: **03.068.A3**

COLOR LEGEND:

- █ ELECTRIC
- █ TELECOMMUNICATIONS
- █ SANITARY
- █ STORM
- █ WATER

SUGGESTED CONSTRUCTION STAGING

- STAGE 10 (FRONTIER AND ALTICE)
1. CONSTRUCT NEW FRONTIER CONDUIT STRUCTURE PARALLEL AND LOWER TO EXISTING FRONTIER DUCTBANK (BY OTHERS).
 2. UNCOVER EXISTING CONDUITS, EXPOSE THE FACILITIES AND TRANSFER THE FACILITIES INTO NEW CONDUIT STRUCTURE (BY OTHERS).
 3. INSTALL FRONTIER HANDHOLE AND DUCTBANK (BY OTHERS).
 4. RELOCATE AERIAL FRONTIER LINES TO NEW FRONTIER CONDUIT STRUCTURE (BY OTHERS).
 5. RELOCATE AERIAL CITY ITS (SIGNAL) TO NEW CONDUIT STRUCTURE.
 6. REMOVE EXISTING COMMUNICATION MANHOLE AT STA 14+95.
 7. REMOVE ALL AERIAL FACILITIES FROM POLES THAT ARE TO BE REMOVED.
 8. REMOVE UTILITY POLES AS INDICATED.



STAGE 10

ADDENDUM NO. 3

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
12/22/20		UPDATED LIGHTING DESIGN	03.069.A3
11/20/20		REVISED UTILITY LAYOUTS	03.069.A1

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 12/22/2020

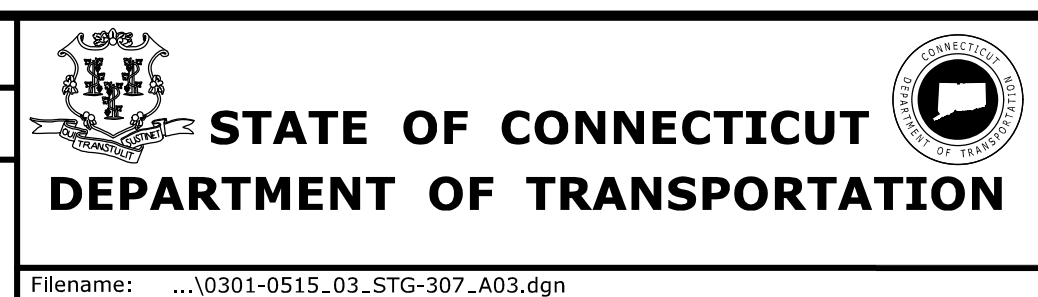
DESIGNER/DRAFTER:
SD/JK

CHECKED BY:
ADC

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SCALE 1"=20'



PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

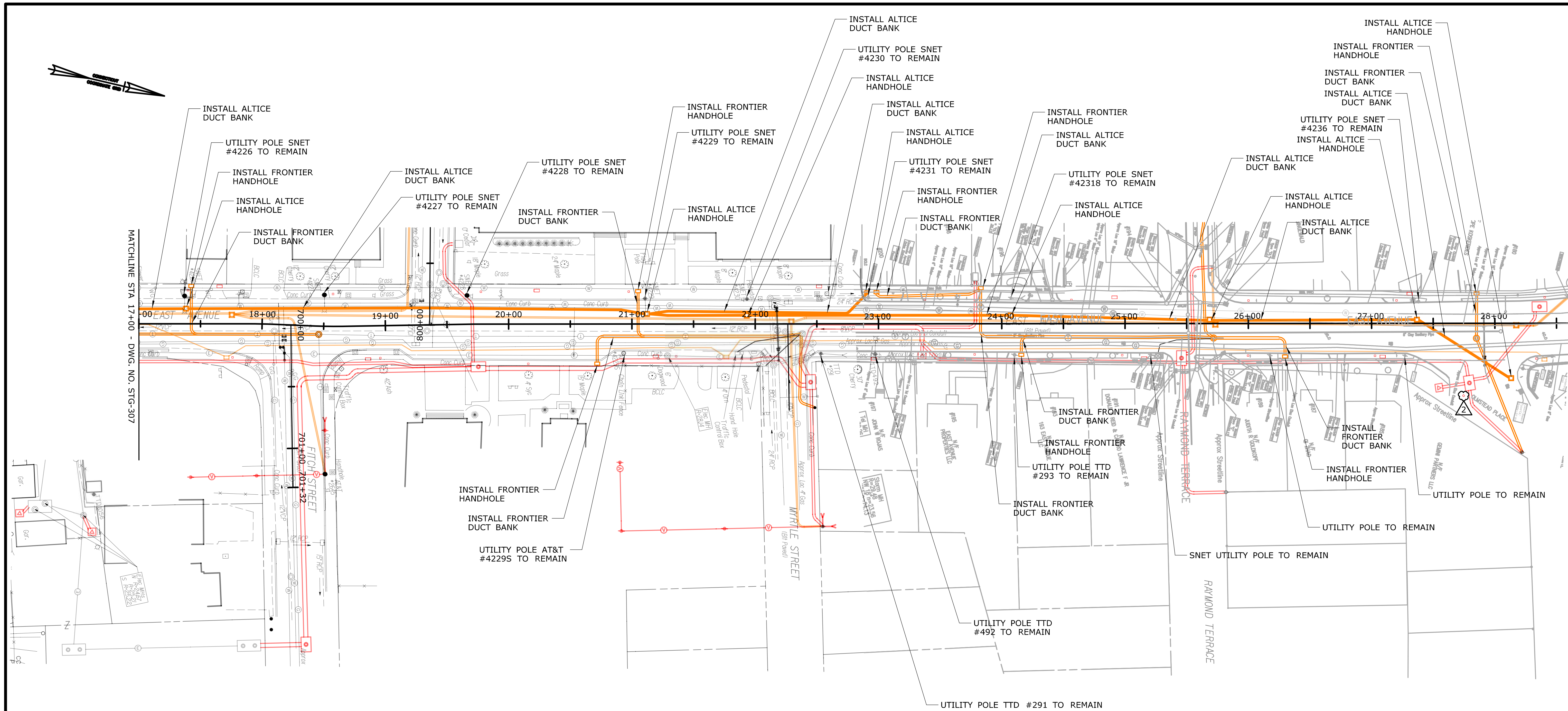
TOWN:
NORWALK

DRAWING TITLE:
**EAST AVENUE
STAGE 10 CONSTRUCTION**

PROJECT NO.
0301-0515

DRAWING NO.
STG-307

SHEET NO.
03.069.A3



STAGE 10

- SUGGESTED CONSTRUCTION SEQUENCE:**
- STAGE 10 (FRONTIER AND ALTICE)
1. INSTALL NEW ALTICE DUCT BANKS.
 2. INSTALL NEW ALTICE HANDHOLE BOXES AS DUCT BANK LINES ARE INSTALLED.
 3. PULL ALTICE CABLES (BY OTHERS).
 4. INSTALL FRONTIER HANDHOLES AND DUCT BANKS (BY OTHERS).
 5. PULL FRONTIER CABLES (BY OTHERS).

COLOR LEGEND:

█	ELECTRIC
█	TELECOMMUNICATIONS
█	SANITARY
█	STORM
█	WATER

ADDENDUM NO. 3

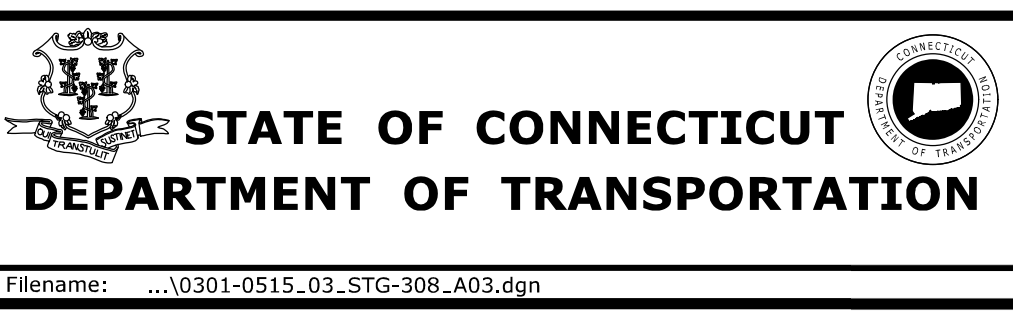
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12/22/20		UPDATED LIGHTING DESIGN	03.070.A3
11/20/20		REVISED UTILITY LAYOUTS	03.070.A1

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:
SD/JK

CHECKED BY:
ADC

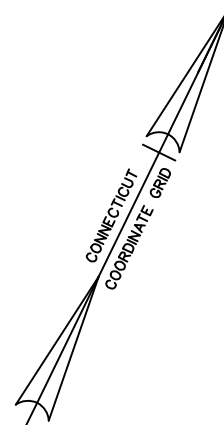
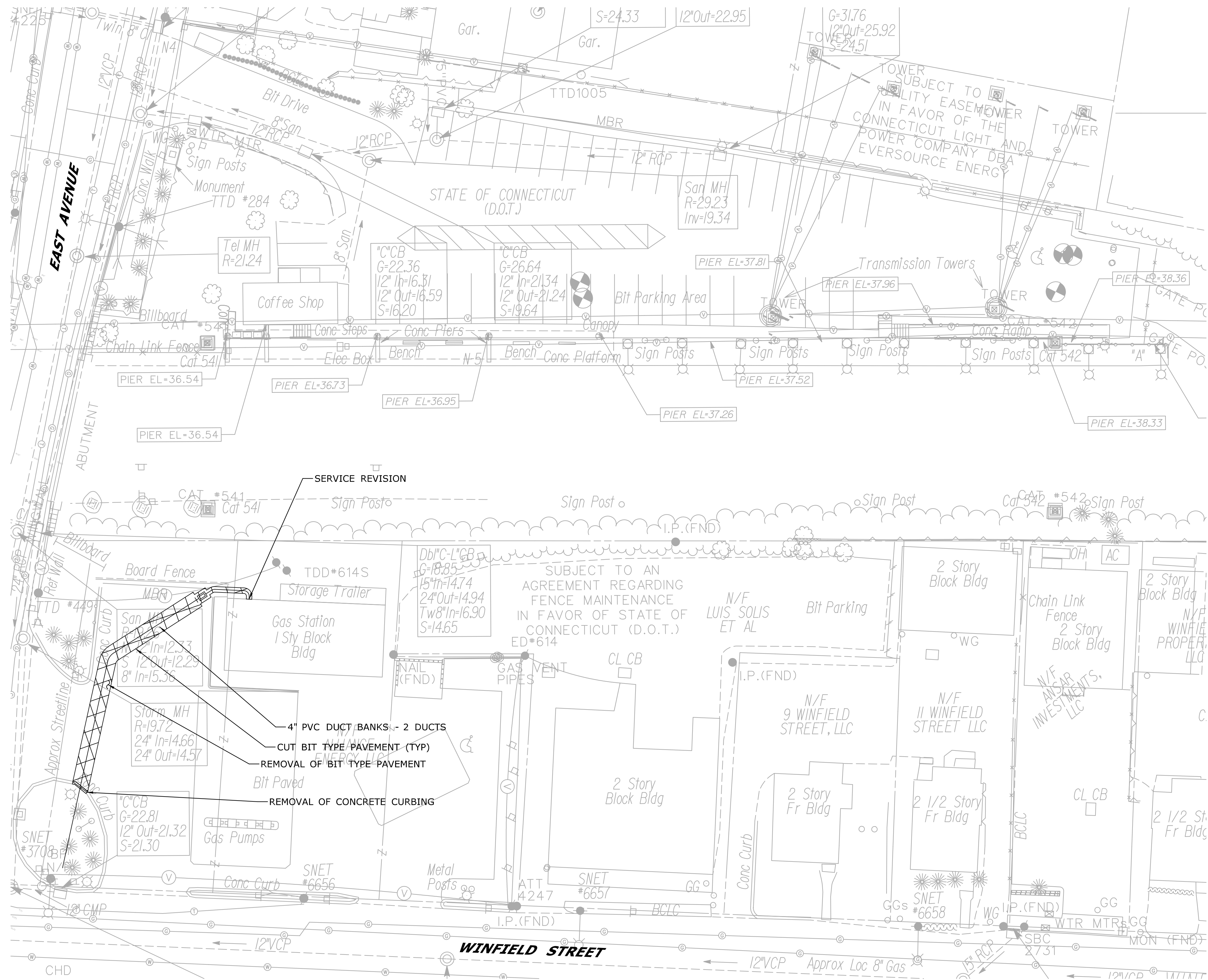
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PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

TOWN: NORWALK	PROJECT NO. 0301-0515
DRAWING TITLE: EAST AVENUE STAGE 10 CONSTRUCTION	DRAWING NO. STG-308
	SHEET NO. 03.070.A3

Filename: ...0301-0515_03_STG-308_A03.dgn

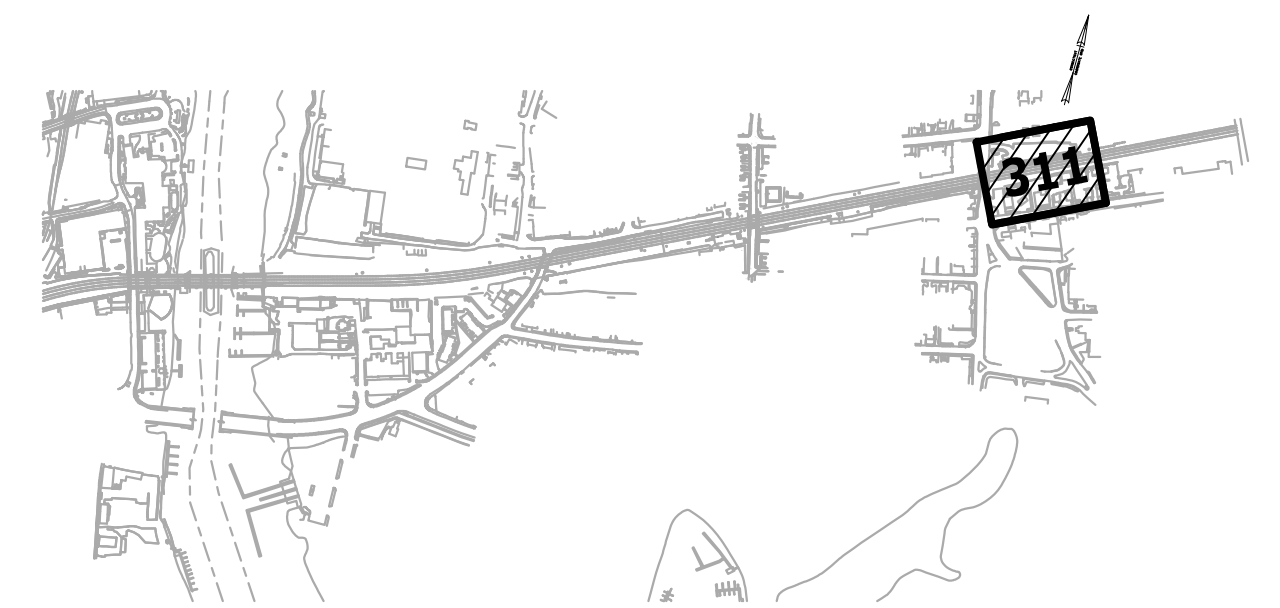


LEGEND:

- REMOVAL OF BITUMINOUS TYPE PAVEMENT
- REMOVE

NOTES:

1. REFER TO GENERAL SUBSET FOR DETAILS AND GENERAL NOTES.
 2. REFER TO WALL 427 ELECTRIC PLAN FOR ADDITIONAL INFORMATION.
- STAGE 1 - ELECTRIC SEQUENCING:**
1. CUT BITUMINOUS TYPE PAVEMENT TO LIMITS SHOWN.
 2. REMOVE BITUMINOUS TYPE PAVEMENT TO LIMITS SHOWN.
 3. EXCAVATE AND INSTALL 4" PVC DUCT BANK - 2 DUCTS TO LIMITS SHOWN.
 4. PROVIDE PAVEMENT REPAIR TO AFFECTED AREA.
 5. REPLACE AFFECTED STRIPING TO LIMITS OF PAVEMENT REPAIR.
 6. PERFORM SERVICE REVISION.
 7. INSTALL UNDERGROUND SERVICE LINE FROM ED POLE #614 TO NEW SOURCE METER AT REAR OF GAS STATION.
 8. REMOVE AERIAL CABLE FROM EXISTING TTD POLE #614S TO TTD POLE #449.
 9. REMOVE TTD POLE #614S.



KEY PLAN

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 9/8/2020

DESIGNER/DRAFTER:
JK/SD

CHECKED BY:
ADC

SCALE IN FEET
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SCALE 1"=20'

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**

Filename: ...10301-0515_03_STG-311.dgn

SIGNATURE/
BLOCK:

ADA
A. G. Adams Associates, P.C.
695 Central Avenue
Bridgewater, CT 06606
860-682-0888
www.adacorp.com

PROJECT TITLE:
**THE WALK BRIDGE
ADVANCED UTILITIES
CONSTRUCTION CONTRACT**

TOWN:
NORWALK

DRAWING TITLE:
**WALL 427
STAGE 1 CONSTRUCTION**

PROJECT NO.
0301-0515

DRAWING NO.
STG-311

SHEET NO.
03.089

APPENDIX D

CTDOT MS4 Project Design Maximum
Extent Practicable Worksheet

**CTDOT MS4 Project Design
Maximum Extent Practicable (MEP) Worksheet**

Section 1: Project Information	Project #:	0301-0515
	Title:	Walk Bridge Advanced Utilities Construction Contract
	Location:	Norwalk, CT

Section 2: Existing Conditions

EC1	Total Project Area	3.91	acres
EC2	Pre-construction Directly Connected Impervious Area (DCIA):	3.56	acres 91.0 %
EC3	Soil Infiltration Potential	Data Source: <input checked="" type="checkbox"/> Existing Report / Soils Map <input type="checkbox"/> Field Verified	<input type="checkbox"/> Good/Fair <input checked="" type="checkbox"/> Poor <input type="checkbox"/> Mixed
EC4	Depth to Maximum Groundwater	<input checked="" type="checkbox"/> TBD	to ft below grade
EC5	Depth to Bedrock	<input checked="" type="checkbox"/> TBD	to ft below grade
EC6	Aquifer Protection Area? (from PNDP)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
EC7	MS4 Priority Area? (from PNDP)	<input checked="" type="checkbox"/> Yes (See Below)	<input type="checkbox"/> No
Check All That Apply <input type="checkbox"/> Urbanized Area <input type="checkbox"/> DCIA >11% <input checked="" type="checkbox"/> Impaired Waterbody (See Below)			
Select All Impairments That Apply DISSOLVED OXYGEN; NUTRIENTS; NITROGEN, TOTAL; MERCURY			
EC8	Contamination known or suspected to be present? (From Environmental Compliance)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
EC9	Adjoining DOT ROW beyond project limits available for stormwater quality management	0.00	acres

Section 3: Designed Conditions

Water Quality Calculations		30% Design	60% Design	90% Design	FDP
DC1	WQV retention design goal <input type="checkbox"/> Full <input checked="" type="checkbox"/> 1/2"-WQV	ac-ft <input type="checkbox"/> TBD	ac-ft	ac-ft	0.14 ac-ft
DC2	WQV goal retained (refer to page 2)	ac-ft	ac-ft	ac-ft	0.00 ac-ft
DC3	WQV goal treated (refer to page 2)	ac-ft	ac-ft	ac-ft	0.00 ac-ft
DC4	Total WQV <i>retained and treated</i>	ac-ft	ac-ft	ac-ft	0.00 ac-ft
DC5	Post-construction DCIA(acres)	ac. <input type="checkbox"/> TBD	ac.	ac.	3.56 ac.
DC6	Pre-construction DCIA (refer to EC2 above)	ac.	ac.	ac.	3.56 ac.
DC7	Change in DCIA from pre- to post-construction <i>Can be positive (DCIA gained) or negative (DCIA lost)</i>	ac. <input type="checkbox"/> TBD	ac.	ac.	0.00 ac.
Date completed					
Completed by (initials)					
Reviewed by (initials)					

Notes:

Section 4: Stormwater BMP Selection Summary

Design Phase <input type="checkbox"/> 30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input checked="" type="checkbox"/> FDP	WQV Retained (ac-ft)	WQV Treated (ac-ft)	DCIA Captured (Acres)	DCIA Disconnection Credit (%)	DCIA Disconnection Credit (acres)	Site Constraints
Disconnection (Dispersion)						
Not Applicable						Choose an Item.
						Choose an Item.
						Choose an Item.
Conveyance (Swales / Channels)						
Not Applicable						Choose an Item.
						Choose an Item.
						Choose an Item.
Infiltration / Retention						
Not Applicable						Choose an Item.
						Choose an Item.
						Choose an Item.
						Choose an Item.
						Choose an Item.
						Choose an Item.
						Choose an Item.
						Choose an Item.
Treatment						
Not Applicable	X					Choose an Item.
	X					Choose an Item.
	X					Choose an Item.
TOTAL	0	0	0	0	0	

Notes:

APPENDIX E

Construction Site Environmental
Inspection Report (CSEIR)

**State of Connecticut
Department of Transportation
Construction Site Environmental Inspection Report**

This Form Must Be Completed At Least Once A Week And Within Twenty Four (24) Hours Of The End Of A Storm Event That Is 0.1 inches Or Greater

General Information			
Project Number		Date	
Permit Number(s)		Location	
		Phone No.	
Project Engineer		Chief Inspector	
Contractor			
Describe present phase of construction/activities that are occurring			
Type of Inspection: <input type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, provide:			
Storm Start Date & Time:	Storm Duration (hrs):	Type and Approximate Amount of Precipitation (in):	
Weather at time of this inspection? <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snowing <input type="checkbox"/> High Winds Temperature:			

Site-specific BMPs

- *Number the structural and non-structural BMPs on your site map and list them below (add as many BMPs as necessary). Carry a copy of the numbered site map for reference with you during your inspections.*

BMP Maintenance							
	BMP or Observation Site and Location	BMPs Installed ?	BMP Maintenance Required?	Remedial Action Required and Date Contractor was Notified *ALL REMEDIAL ACTIONS MUST BE COMPLETED WITHIN 24 HOURS*	Date Fixed	Photo Taken ?	Repeat Failure?
1		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Are there any sediment discharges to a regulated area occurring or have any occurred since the last inspection? Yes No

If yes, contact the District Environmental Coordinator immediately.

Describe the discharge including location, time identified, and the approximate amount of sediment. (on back)

Environmental Inspector: _____

Signature: _____ Date: _____

Reviewed by: _____

Signature: _____ Date: _____

APPENDIX F

Notice of Termination Form



General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

Notice of Termination Form

Please complete and submit this form in accordance with the general permit (DEP-PED-GP-015) in order to ensure the proper handling of your termination. Print or type unless otherwise noted.

Note: Ensure that for commercial and industrial facilities, registrations under the *General Permit for the Discharge of Stormwater Associated with Industrial Activity* (DEP-PED-GP-014) or the *General Permit for the Discharge of Stormwater from Commercial Activities* (DEP-PED-GP-004) have been filed where applicable. For questions about the applicability of these general permits, please call the Department at 860-424-3018.

Part I: Registrant Information

1. Permit number: GSN			
2. Fill in the name of the registrant(s) as indicated on the registration certificate: Registrant:			
3. Site Address: City/Town: _____ State: _____ Zip Code: _____			
4. Date all storm drainage structures were cleaned of construction sediment: Date of Completion of Construction: _____ Date of Last Inspection (must be at least three months after final stabilization pursuant to Section 6(b)(6)(D) of the general permit): _____			
5. Check the post-construction activities at the site (check all that apply):			
<input type="checkbox"/> Industrial	<input type="checkbox"/> Residential	<input type="checkbox"/> Commercial	<input type="checkbox"/> Capped Landfill
<input type="checkbox"/> Other (describe): _____			

Part II: Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."	
_____ Signature of Permittee	_____ Date
_____ Name of Permittee (print or type)	_____ Title (if applicable)

Note: Please submit this Notice of Termination Form to:
STORMWATER PERMIT COORDINATOR
BUREAU OF WATER MANAGEMENT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127