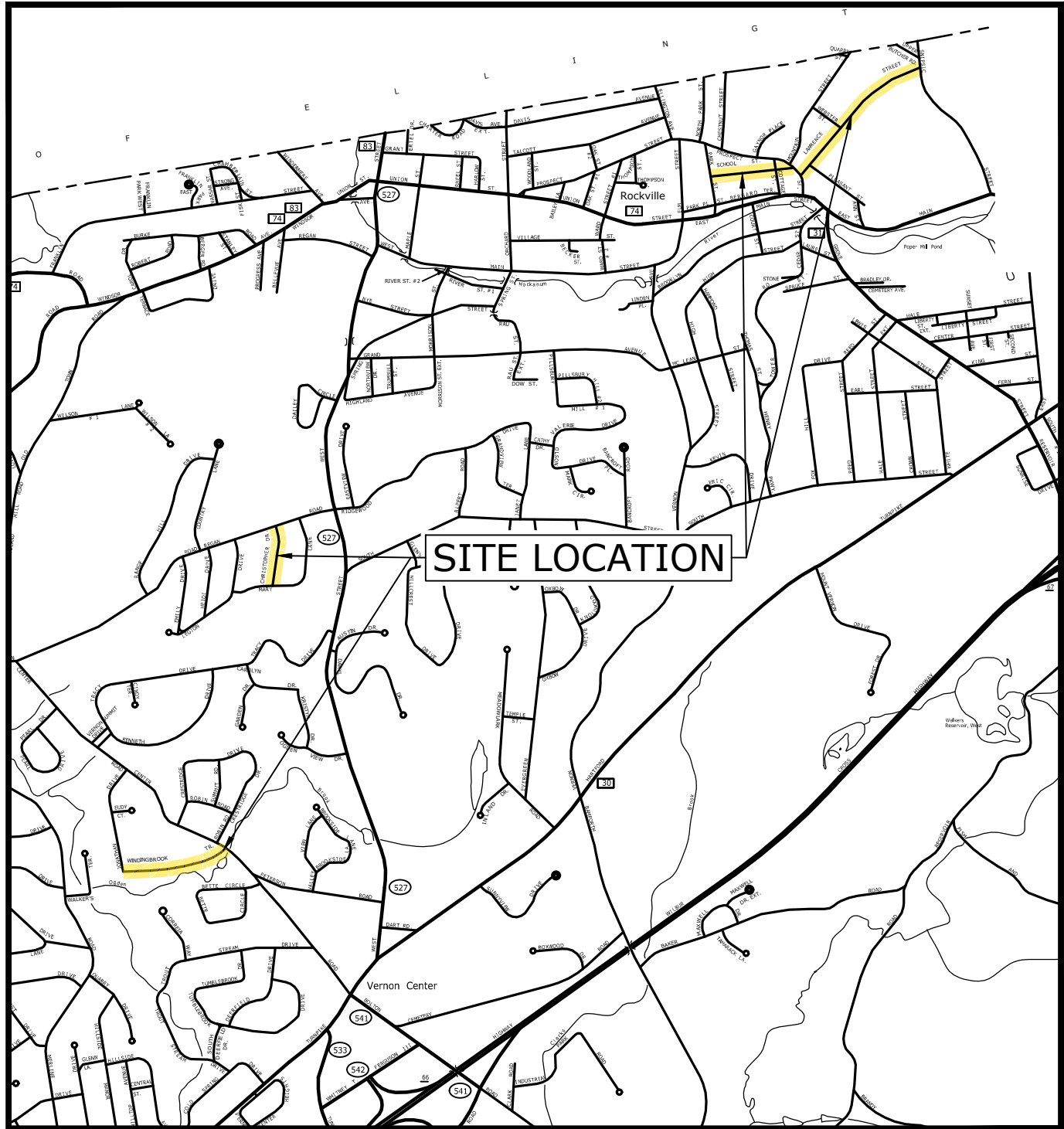


TOWN OF VERNON, CONNECTICUT  
SANITARY SEWER REPLACEMENT  
TOWN CONTRACT NO. 2109

APRIL, 2023

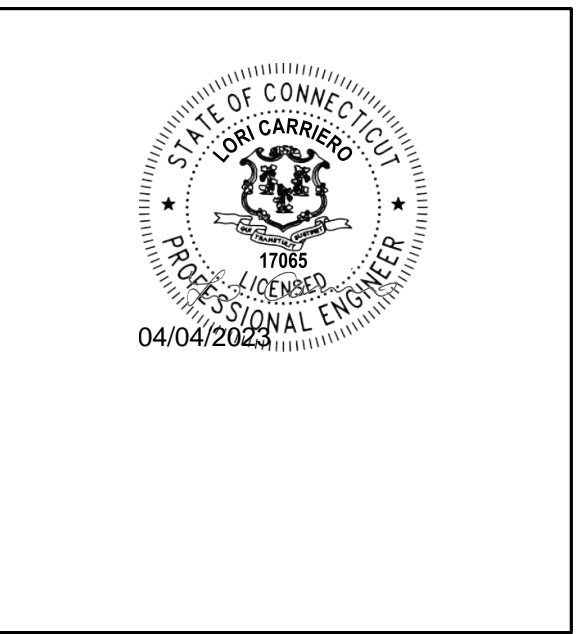
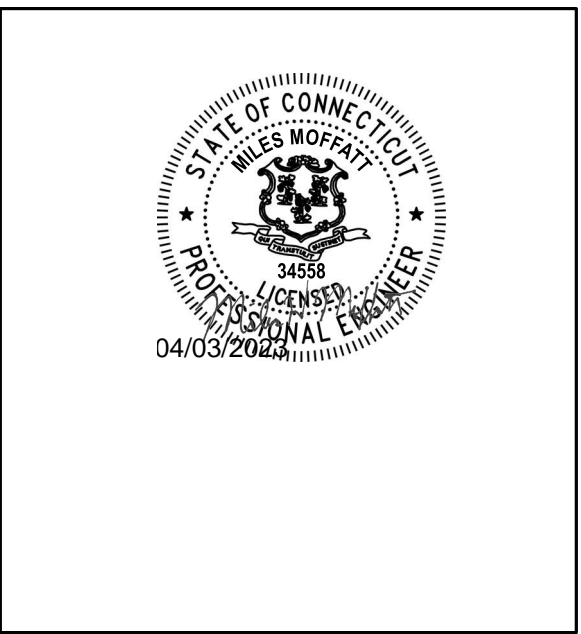
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|------------------|-------------|--|
| SHEET NO.        | DRAWING NO. | DRAWING TITLE  |
| GENERAL          |             |  |
| 1                | G-001       | COVER SHEET  |
| CIVIL            |             |  |
| 2                | C-101       | SUB-AREA V5 SEWER LATERAL POINT REPAIR LAWRENCE STREET   |
| 3                | C-102       | SUB-AREA V5 SEWER LATERAL POINT REPAIR SCHOOL STREET - 1 |
| 4                | C-103       | SUB-AREA V5 SEWER LATERAL POINT REPAIR SCHOOL STREET - 2 |
| 5                | C-104       | SUB-AREA V10 SEWER REPLACEMENT CHRISTOPHER DRIVE         |
| 6                | C-105       | SUB-AREA V14 SEWER POINT REPAIR WINDING BROOK TRAIL - 1  |
| 7                | C-501       | MISCELLANEOUS DETAILS - 1                                |
| 8                | C-502       | MISCELLANEOUS DETAILS - 2                                |



LOCATION MAP  
SCALE: 1" = 2000'

PREPARED BY:

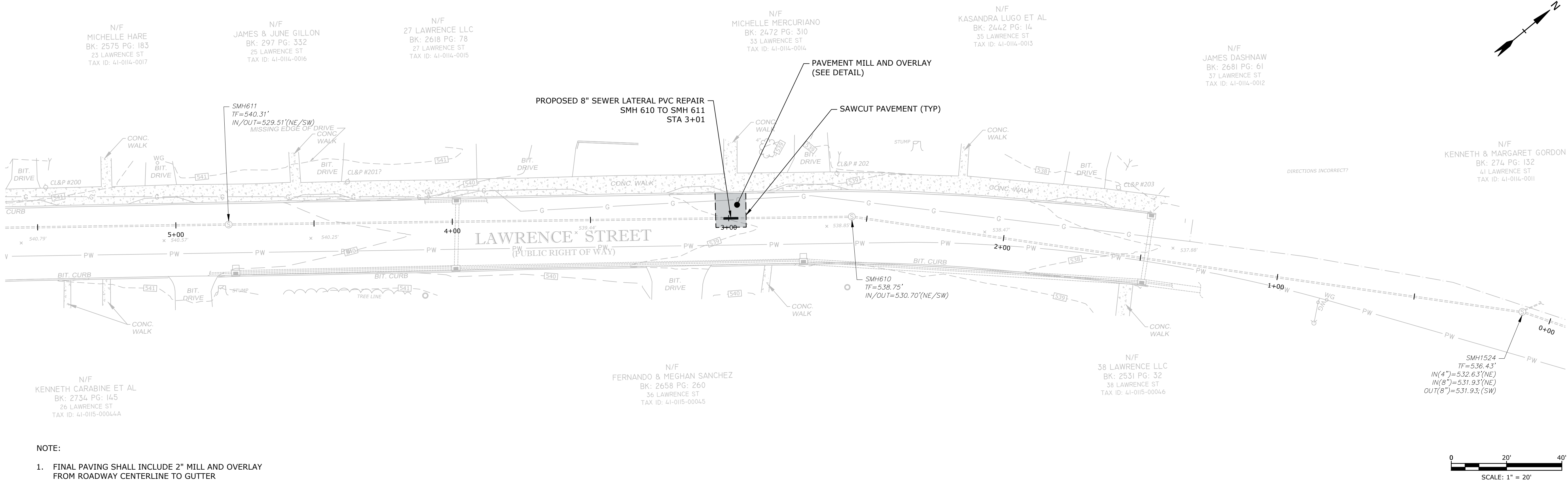
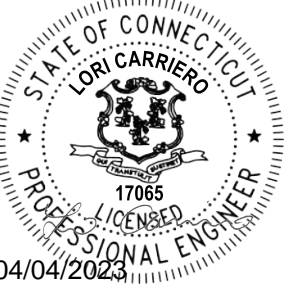
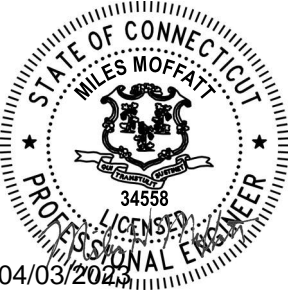
**Tighe&Bond**  
1000 Bridgeport Avenue  
Suite 320  
Shelton, CT 06484  
(203) 712-1100



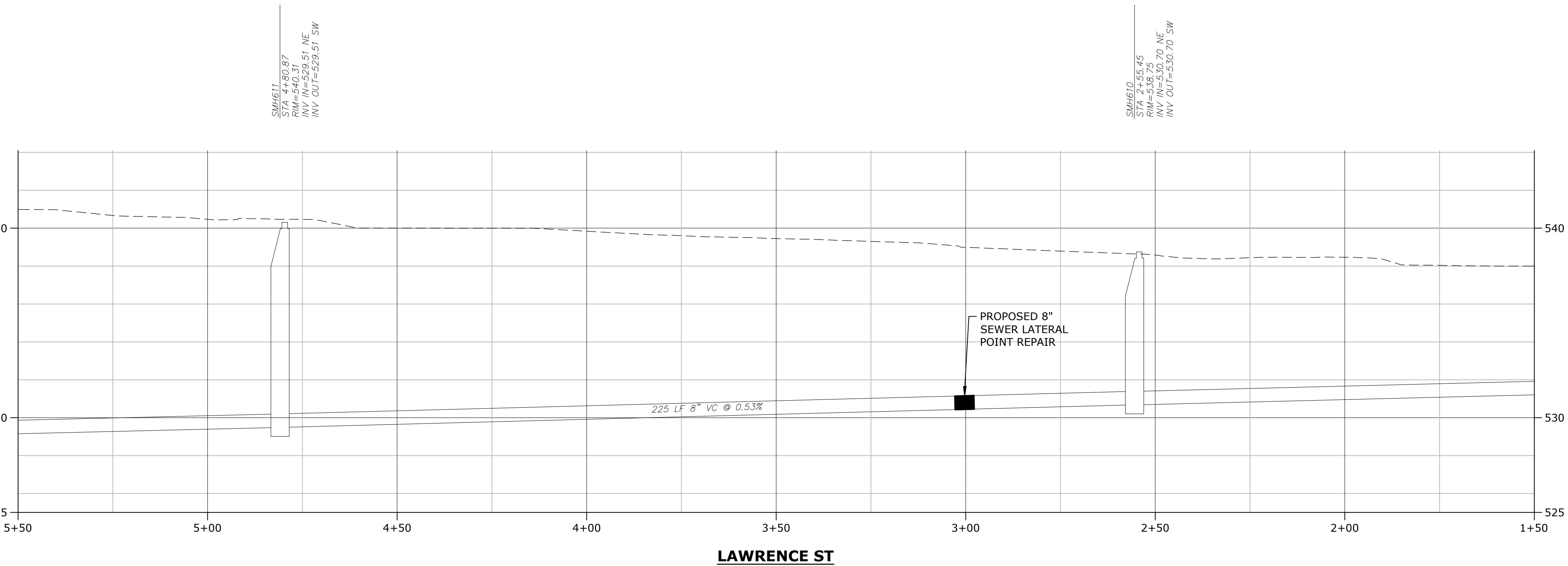
PREPARED FOR:

TOWN OF VERNON, CONNECTICUT

COMPLETE SET 8 SHEETS

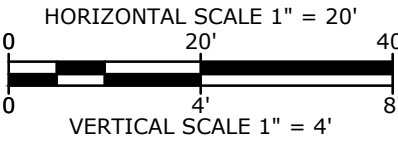


- NOTE:
1. FINAL PAVING SHALL INCLUDE 2" MILL AND OVERLAY FROM ROADWAY CENTERLINE TO GUTTER



GENERAL NOTES:

1. BASE MAP BASED UPON SURVEY PROVIDED BY MARTIN SURVEYING ASSOCIATES, LLC OF BERLIN, CT. THE SURVEY IS BASED UPON NAD 1983 HORIZONTAL DATUM AND NAVD 1988 VERTICAL DATUM.
2. LATERAL LOCATIONS BASED ON TV INSPECTION LOGS DATED AUGUST/SEPTEMBER 2020. WHERE APPLICABLE, CONTRACTOR TO FIELD VERIFY ALL LATERAL LOCATIONS AS REPLACEMENT WORK TAKES PLACE. ALL SEWER LATERALS SHALL BE REPLACED FROM THE EXISTING MAIN TO THE EDGE OF THE SEWER TRENCH.
3. CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455 AT LEAST 72 HOURS PRIOR TO PERFORMING ANY WORK ON THE SITE.
4. CONTRACTOR SHALL DIG TEST PITS IF NECESSARY TO CONFIRM THE ELEVATION AND LOCATION OF EXISTING UTILITIES THAT MAY CONFLICT WITH THE INSTALLATION OF THE NEW SEWER MAIN
5. NOT ALL OVERHEAD WIRES AND POWER LINES ARE SHOWN ON THE DRAWINGS.
6. CONTRACTOR SHALL SUPPORT AND PROTECT EXISTING UTILITIES WHERE NECESSARY IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY OWNER.
7. CONTRACT LIMITS ARE DEFINED AS THE EXISTING ROAD RIGHT OF WAY FOR ALL ROADS.
8. ALL PAVEMENT INSTALLED SHALL MATCH THE ELEVATION OF THE ADJACENT ROAD SURFACE, AND EXISTING DRAINAGE PATTERNS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
9. CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR STOCKPILE AREAS. NO MATERIALS OR EQUIPMENT SHALL BE STORED OUTSIDE OF THE CONTRACT LIMITS.
10. NOT ALL EXISTING ITEMS (INCLUDING TREES, PLANTERS, SHRUBS, FENCES, ETC.) ARE SHOWN ON THE DRAWINGS. HOWEVER, ALL EXISTING ITEMS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR EXISTING CONDITION OR BETTER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. WHERE CONTRACTOR'S WORK IS WITHIN 5' OF AN EXISTING UTILITY POLE, CONTRACTOR MUST COORDINATE SUPPORTING THE POLES WITH THE APPROPRIATE UTILITY OWNER.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL APPLICABLE SAFETY REGULATIONS IN THE PROJECT AREA.
13. ALL PIPE FOUNDATIONS SHALL BE AS SHOWN ON THE DETAIL FOR A TYPICAL CROSS SECTION UNLESS DIRECTED OTHERWISE BY THE OWNER.



Sanitary  
Sewer  
Replacement

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WPCA

Vernon,  
Connecticut

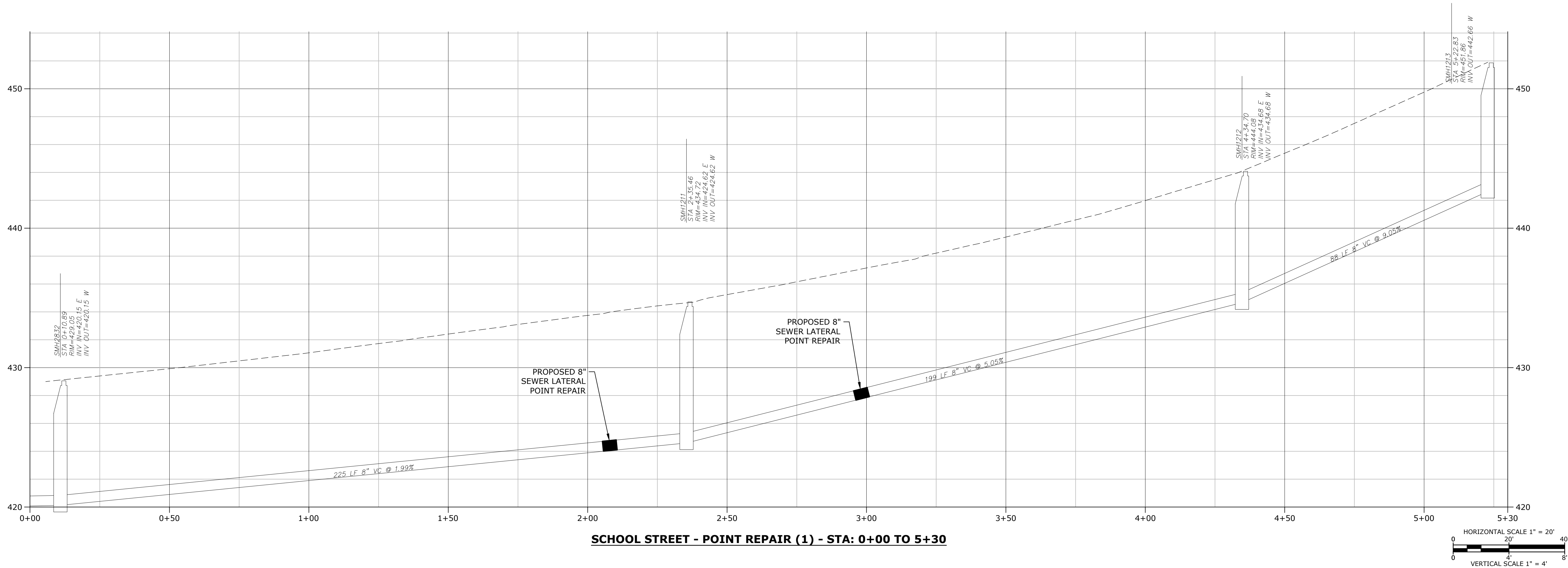
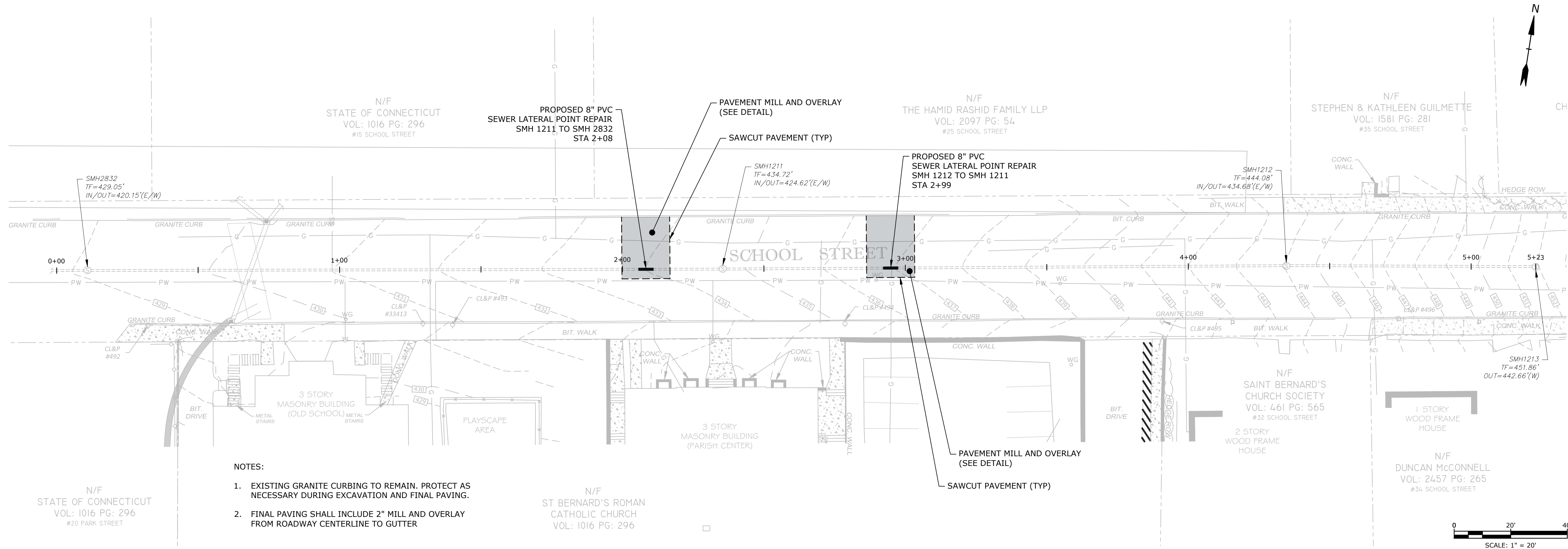
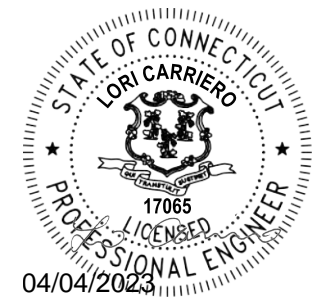
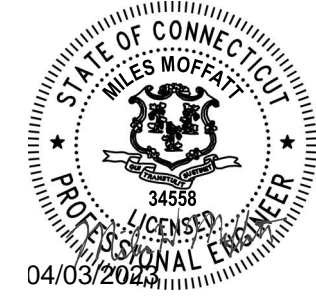
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| DATE:                | 03/29/2023               |             |
| FILE:                | V0037-016_Contract-1.dwg |             |
| DRAWN BY:            | DTS                      |             |
| DESIGNED/CHECKED BY: | LAC                      |             |
| APPROVED BY:         | MM                       |             |

SUB-AREA V5  
SEWER LATERAL POINT  
REPAIR - LAWRENCE STREET

SCALE: AS SHOWN

C-101  
SHEET 2 OF 8





Sanitary  
Sewer  
Replacement

Town of Vernon  
WPCA

Vernon,  
Connecticut

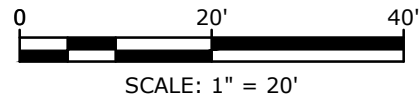
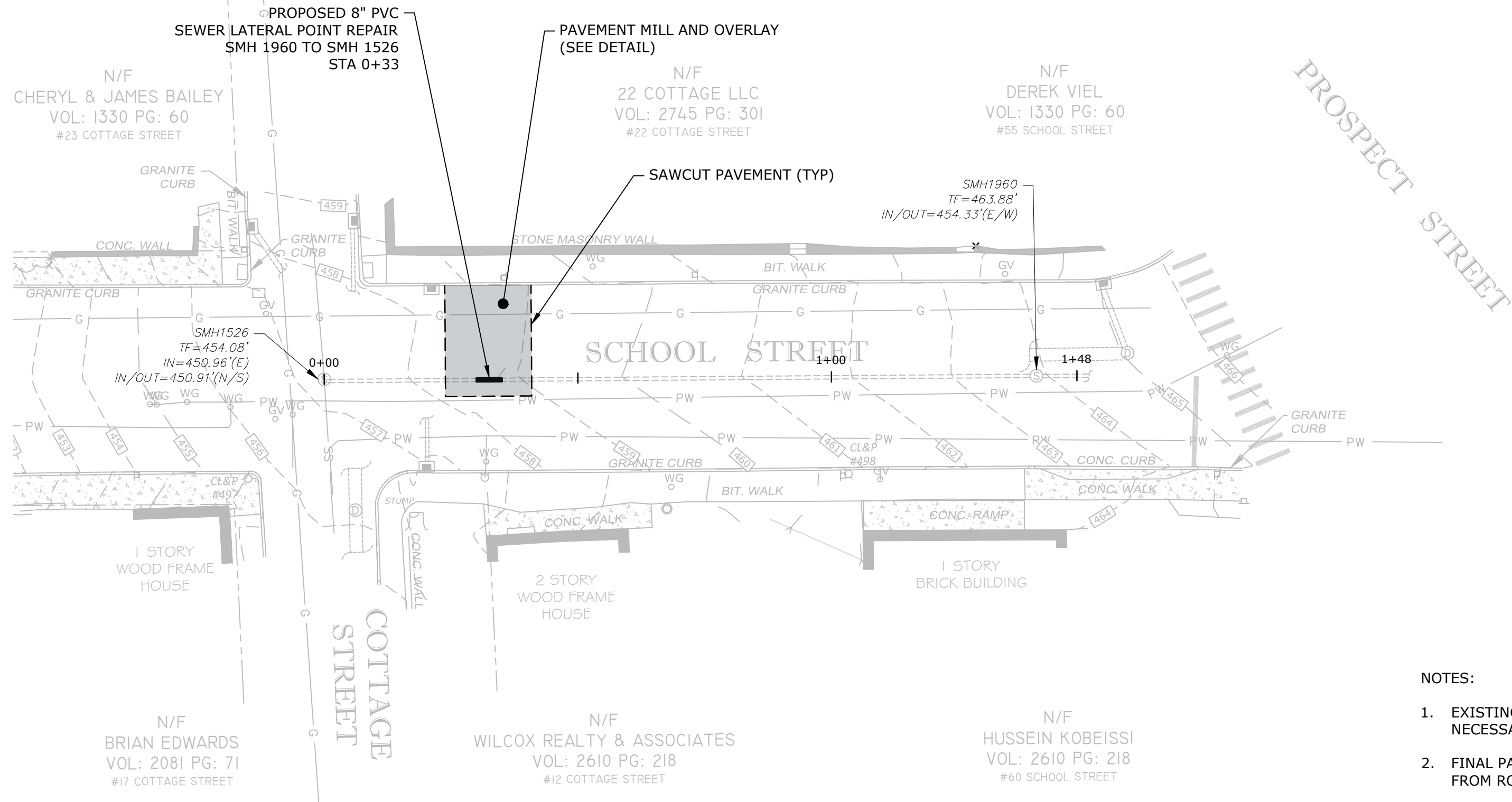
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| DRAWN BY:            | DTS                      |             |
| DESIGNED/CHECKED BY: | LAC                      |             |
| APPROVED BY:         | MM                       |             |

SUB-AREA V5  
SEWER LATERAL POINT  
REPAIR - SCHOOL STREET - 1

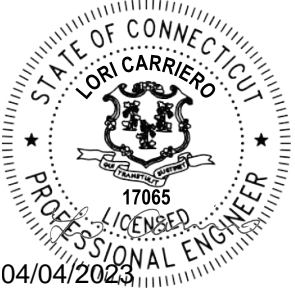
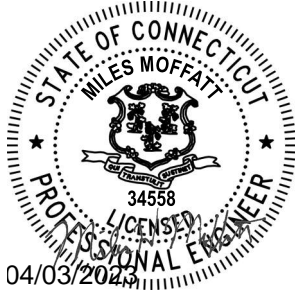
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C-102  
SHEET 3 OF 8

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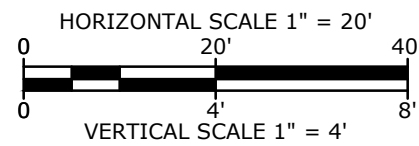
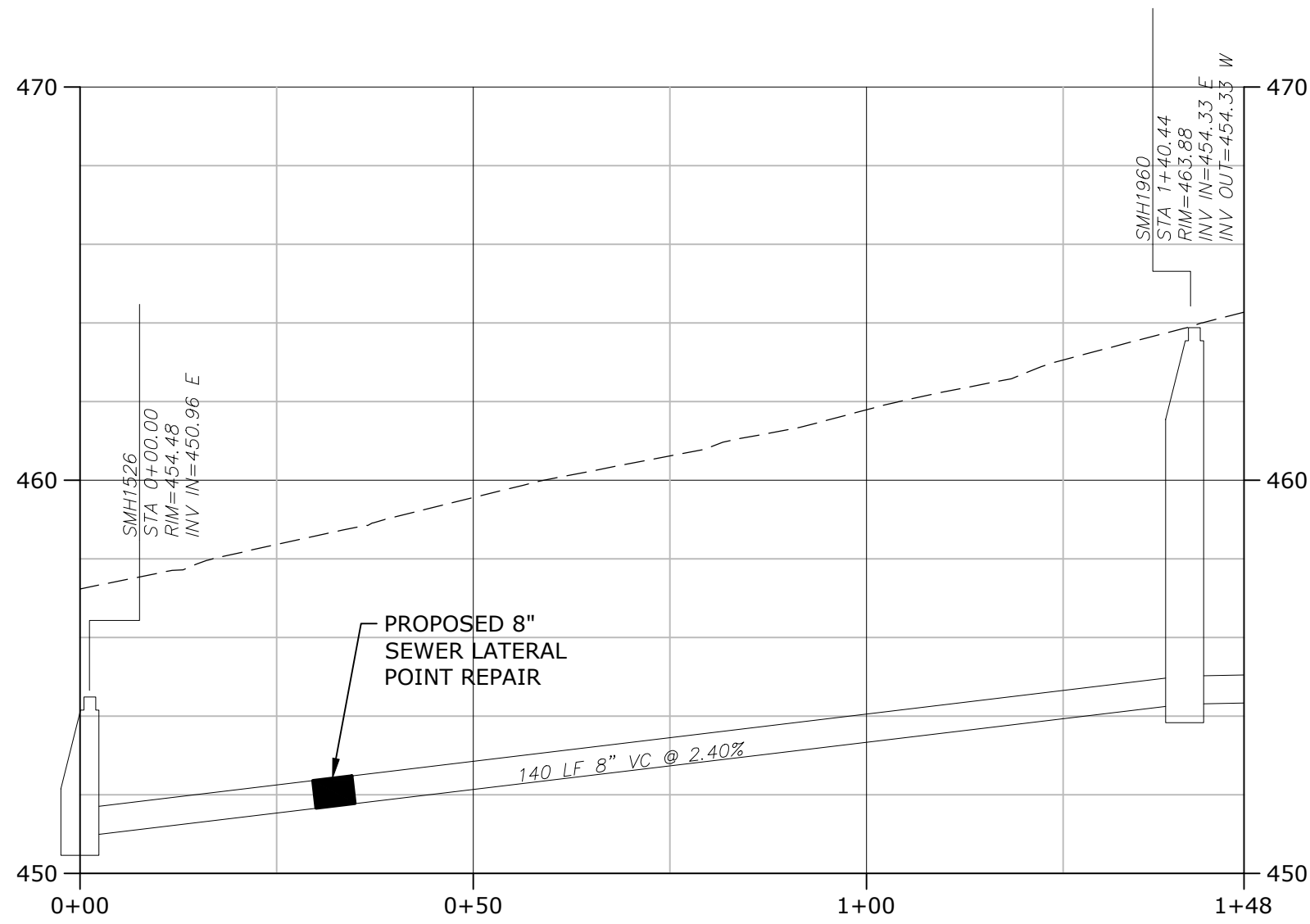
Tighe & Bond



## Sanitary Sewer Replacement

Town of Vernon  
WPCA

Vernon,  
Connecticut



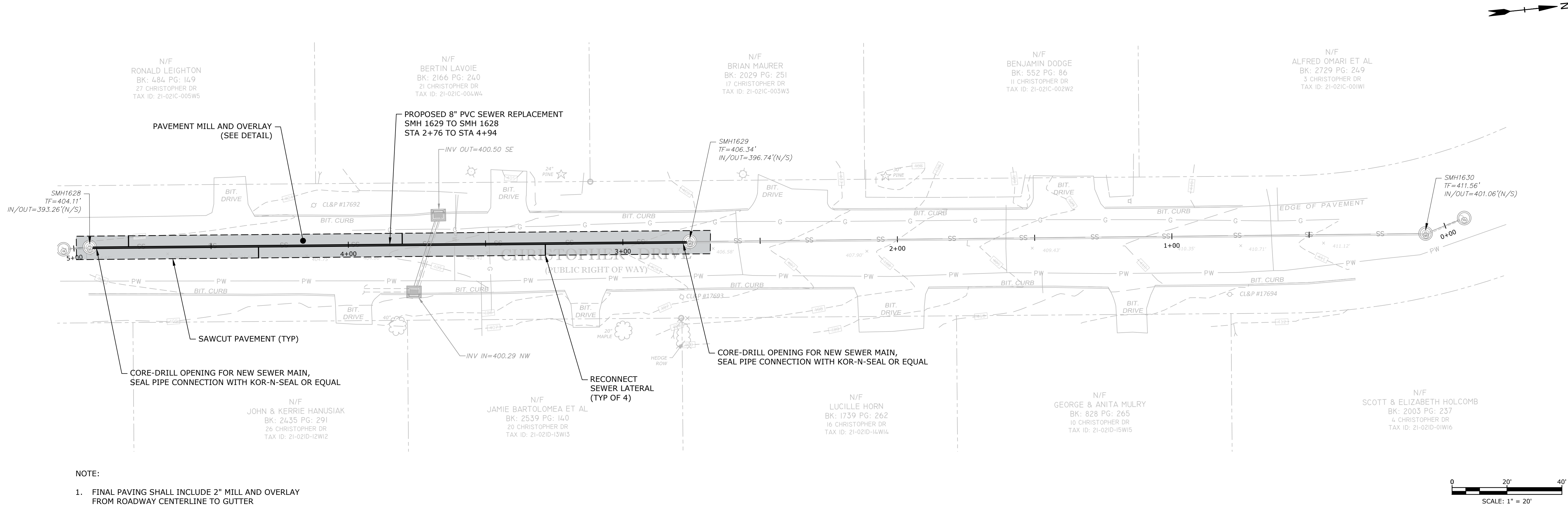
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| DESIGNED/CHECKED BY: | LAC                      |             |
| APPROVED BY:         | MM                       |             |

SUB-AREA V5  
SEWER POINT REPAIR  
SCHOOL STREET - 2

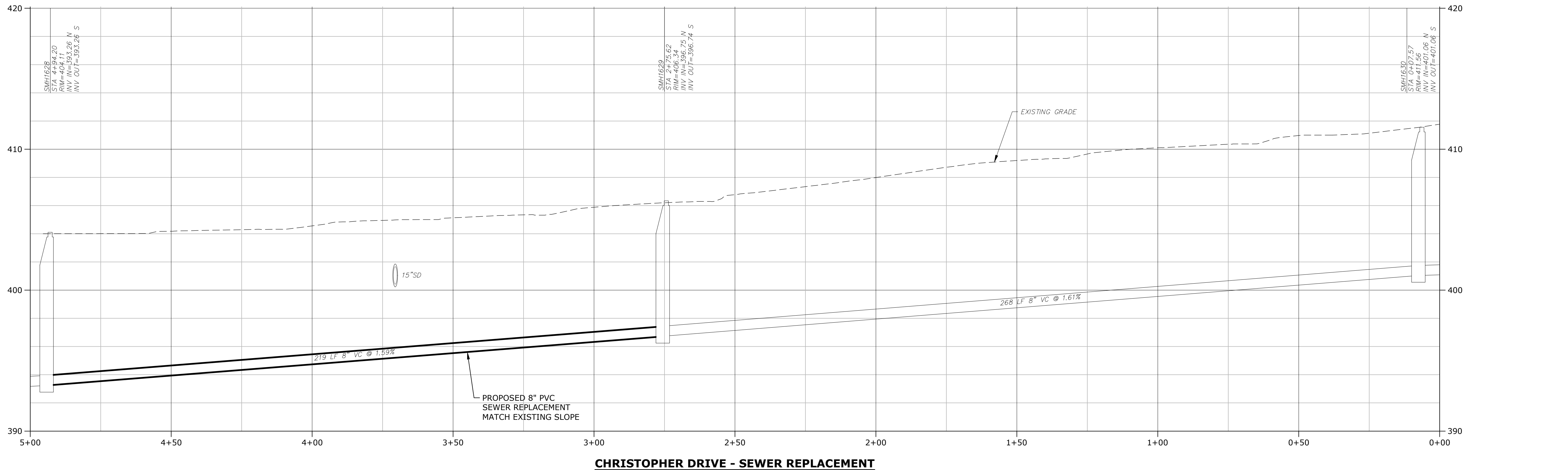
SCALE: AS SHOWN

C-103  
SHEET 4 OF 8





- NOTE:
1. FINAL PAVING SHALL INCLUDE 2" MILL AND OVERLAY FROM ROADWAY CENTERLINE TO GUTTER



## Sanitary Sewer Replacement

Town of Vernon  
WPCA

Vernon,  
Connecticut

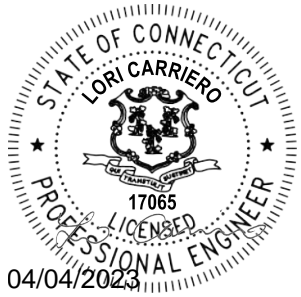
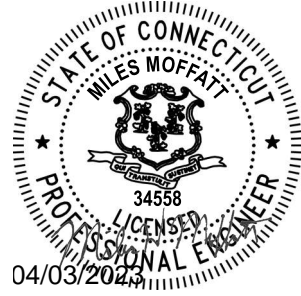
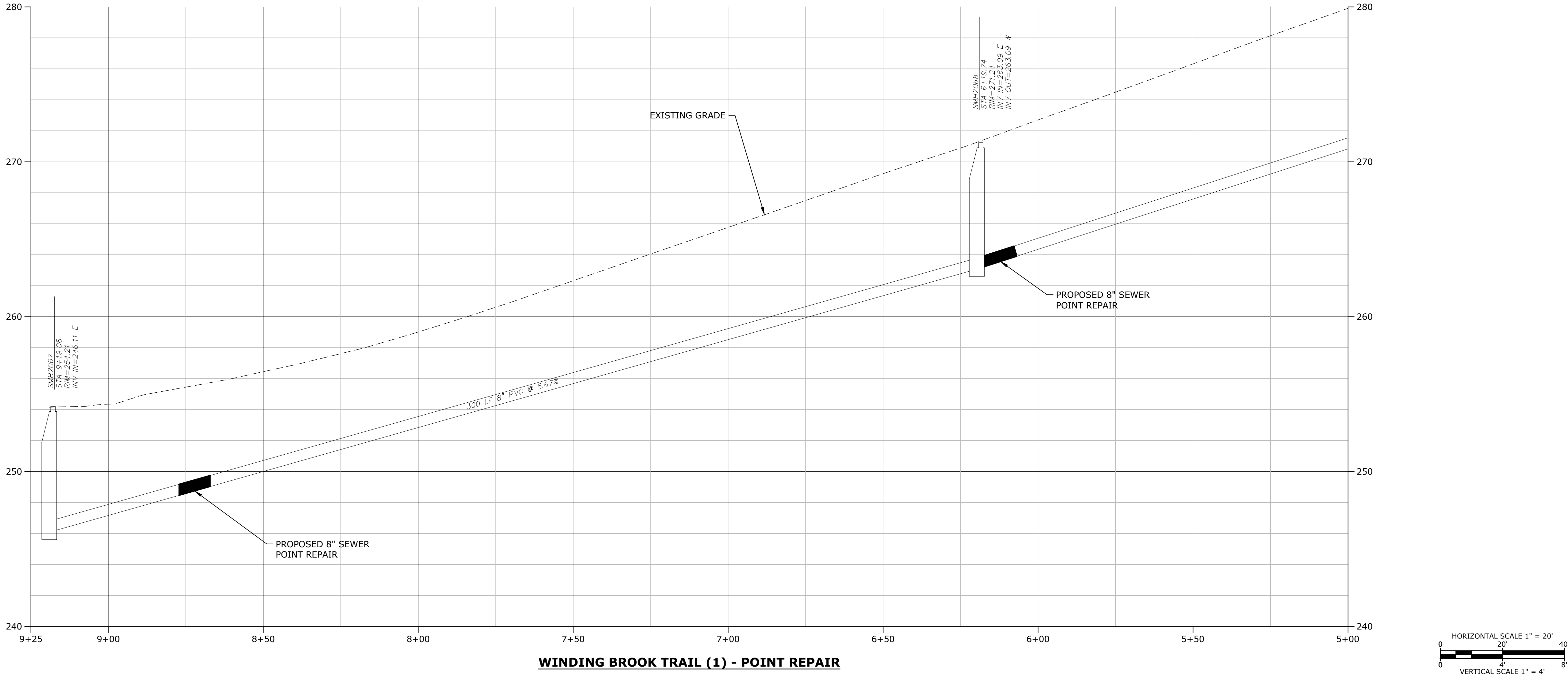
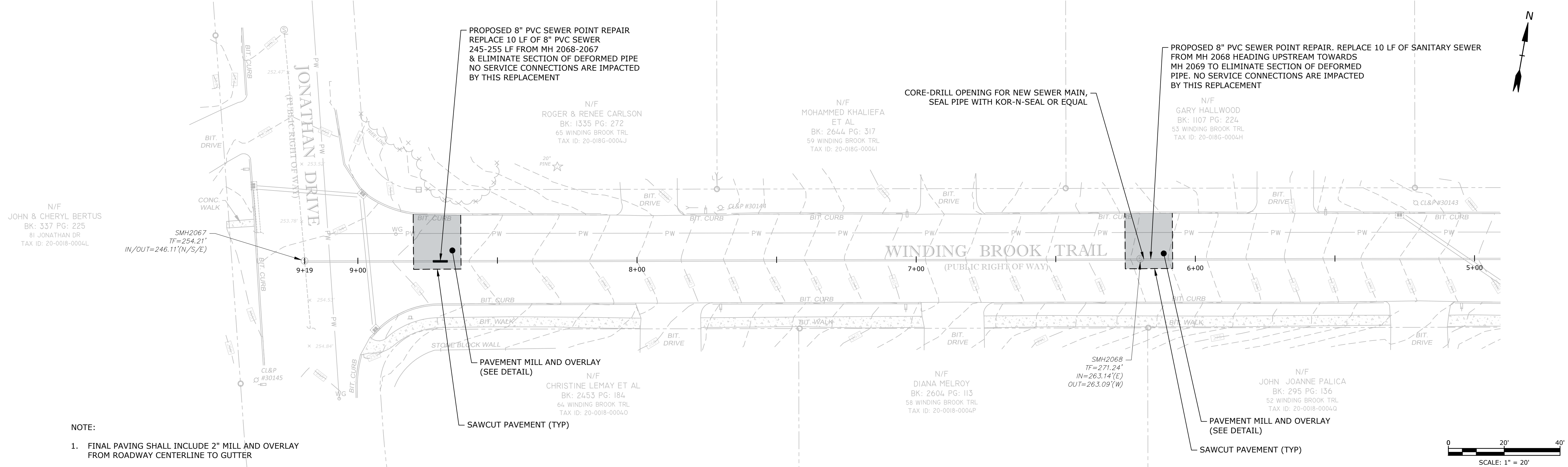
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| DRAWN BY:            | DTS                      |             |
| DESIGNED/CHECKED BY: | LAC                      |             |
| APPROVED BY:         | MM                       |             |

SUB-AREA V10  
SEWER REPLACEMENT  
CHRISTOPHER DRIVE

SCALE: AS SHOWN

C-104  
SHEET 5 OF 8

Last Saved: 3/30/2023  
Plotted On: Mar 30, 2023 5:57pm By: DTSeche  
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FOR  
CONSTRUCTION

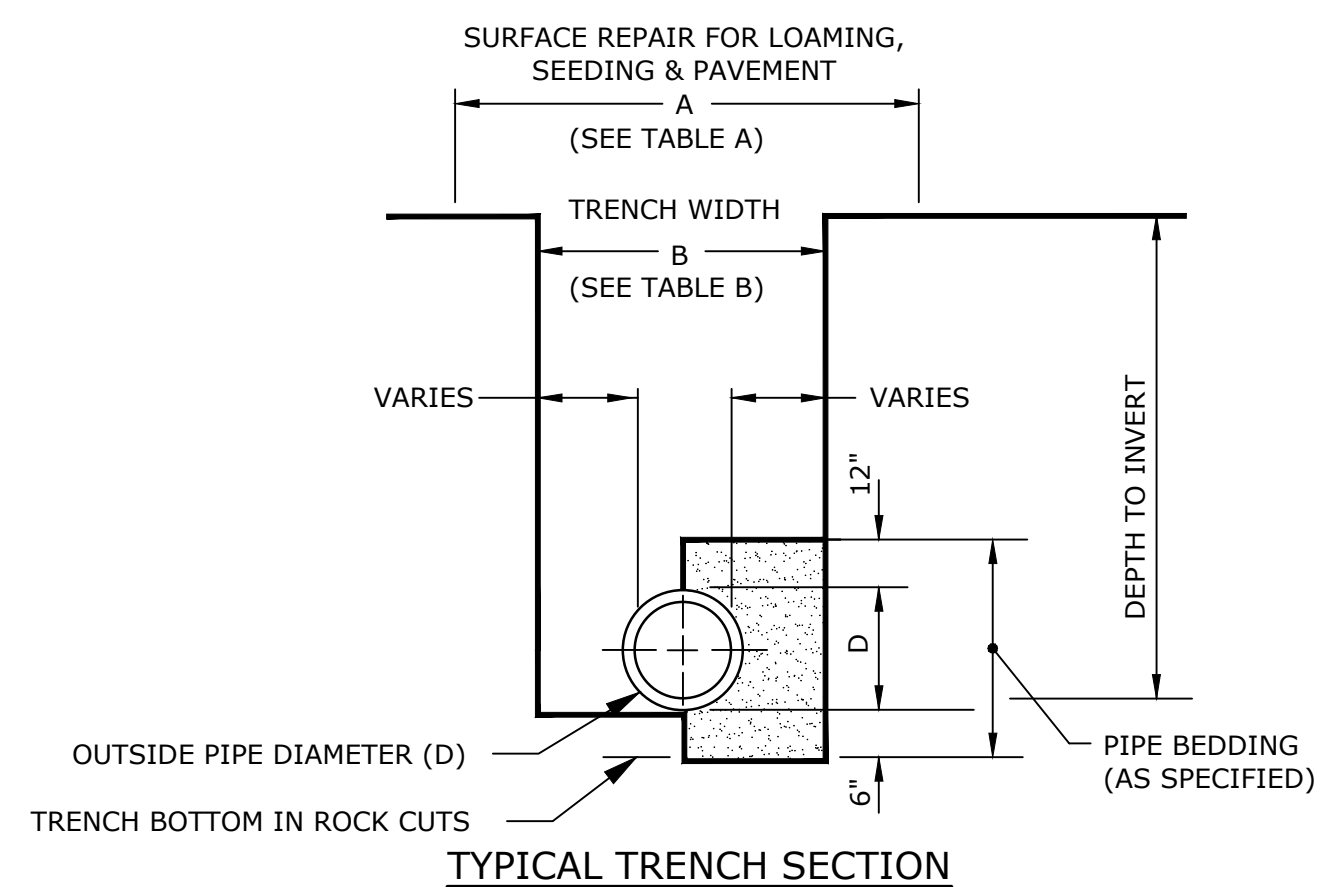
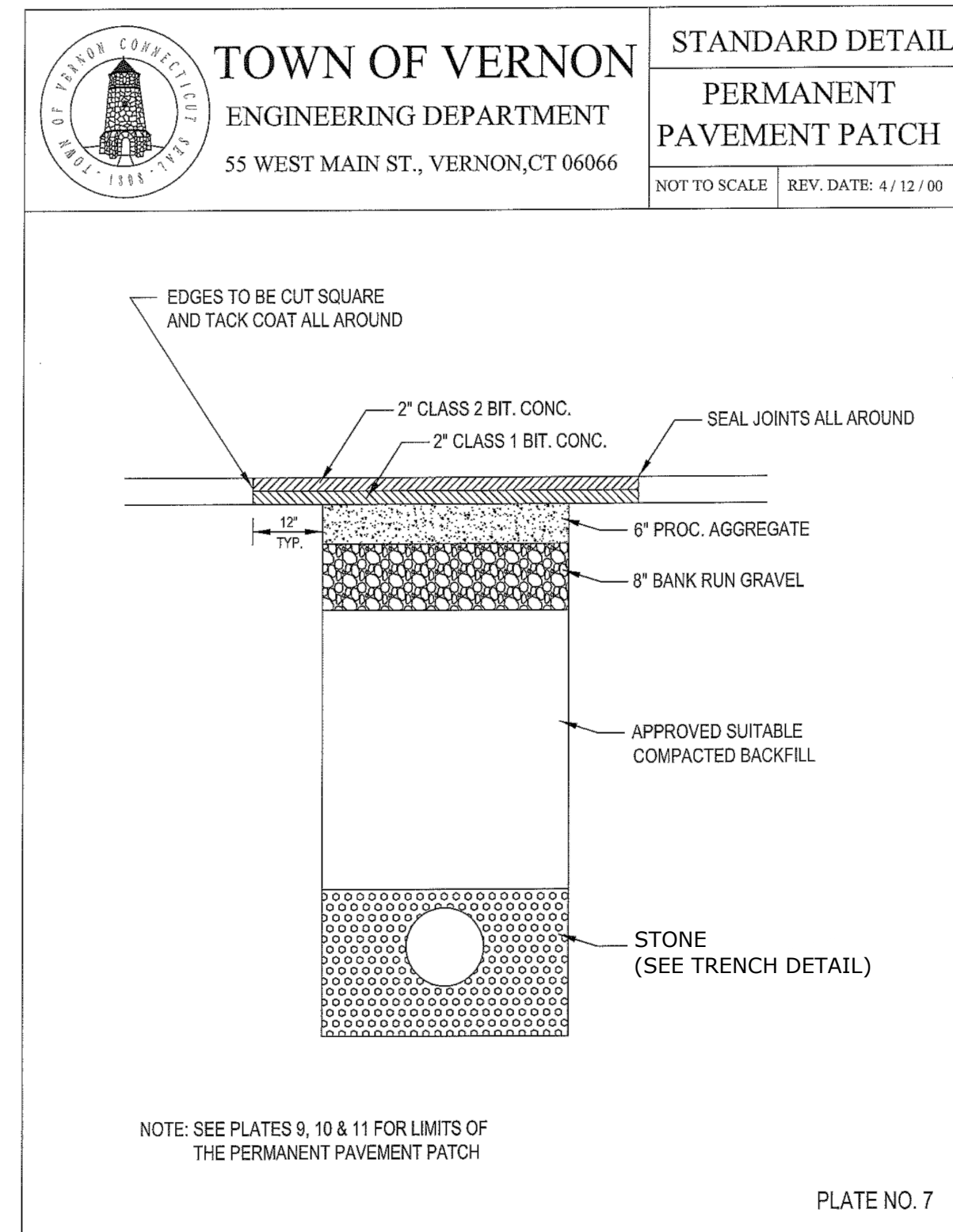
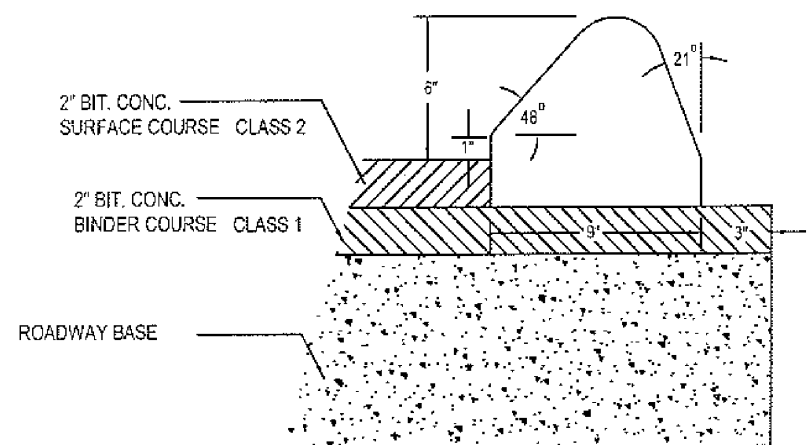
## Sanitary Sewer Replacement

Town of Vernon  
WPCA

Vernon,  
Connecticut

| MARK  | DATE                     | DESCRIPTION |
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| DESIGNED/CHECKED BY:                                      | LAC                      |             |
| APPROVED BY:  | MM                       |             |
| SUB-AREA V14<br>SEWER POINT REPAIR<br>WINDING BROOK TRAIL |                          |             |
| SCALE:  | AS SHOWN                 |             |
| C-105<br>SHEET 6 OF 8                                     |                          |             |





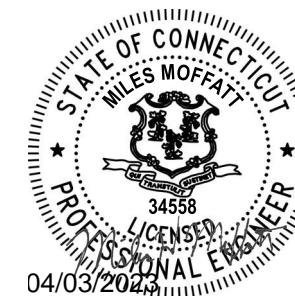
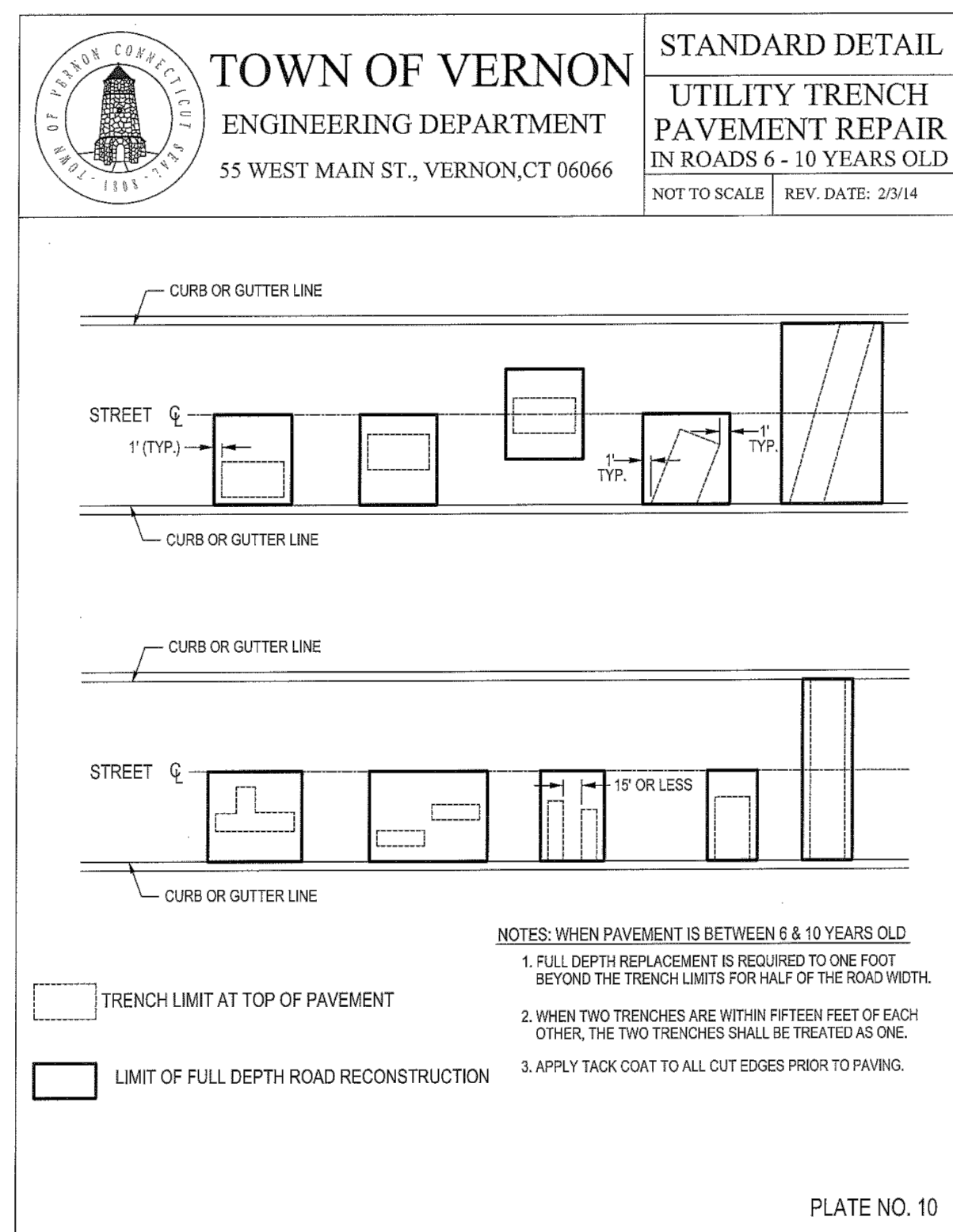
| TABLE A – MAXIMUM SURFACE REPAIR PAY WIDTHS (SEE NOTE 1) |   |   |   |
|--|---|---|---|
| OUTSIDE PIPE DIAMETER<br>0 - 24"                         |   | OUTSIDE PIPE DIAMETER<br>GREATER THAN 24"     |   |
| TEMPORARY<br>REPAIR (3)<br><br>6'-6" MAX.                | PERMANENT<br>REPAIR (4)<br><br>8'-6" MAX. | TEMPORARY<br>REPAIR (3)<br><br>D + 4'-0" MAX. | PERMANENT<br>REPAIR (4)<br><br>D + 6'-0" MAX. |

| TABLE B – MAXIMUM TRENCH EXCAVATION PAY WIDTHS (SEE NOTE 1) |   |
|---|---|
| OUTSIDE PIPE DIAMETER<br>0 - 24"                            | OUTSIDE PIPE DIAMETER<br>GREATER THAN 24" |
| 5'-0"   | D + 3'-0"                                 |

- NOTE:**
1. THE PAYLINE DIMENSIONS SHOWN REPRESENT THE MAXIMUM PAYLINE LIMITS TO BE PAID. WHEN THE ACTUAL SURFACE REPAIR OR TRENCH WIDTH IS LESS, THE ACTUAL WIDTH SHALL BE PAID FOR AT THE APPLICABLE UNIT PRICE.
  2. TRENCH SURFACE REPAIR WIDTH FOR STREETS WHICH INCLUDE FULL WIDTH OVERLAY OR GRAVEL SURFACE SHALL BE 6'-6" MAX, FOR PIPES 0"-24".
  3. INCLUDES TEMPORARY PAVEMENT PATCHES FOR SIDEWALKS AND DRIVEWAYS.
  4. INCLUDES PERMANENT REPAIRS FOR DRIVEWAYS, SIDEWALKS, LAWN AREAS (LOAM & SEED), BERMS, ROADWAYS AND CURBS.

**TRENCH EXCAVATION AND SURFACE REPAIR PAYLINES**  
**(EXCLUDING STREET TRENCH PATCH AND FULL WIDTH OVERLAY)**  
NO SCALE



## Sanitary Sewer Replacement

Town of Vernon  
WPCA

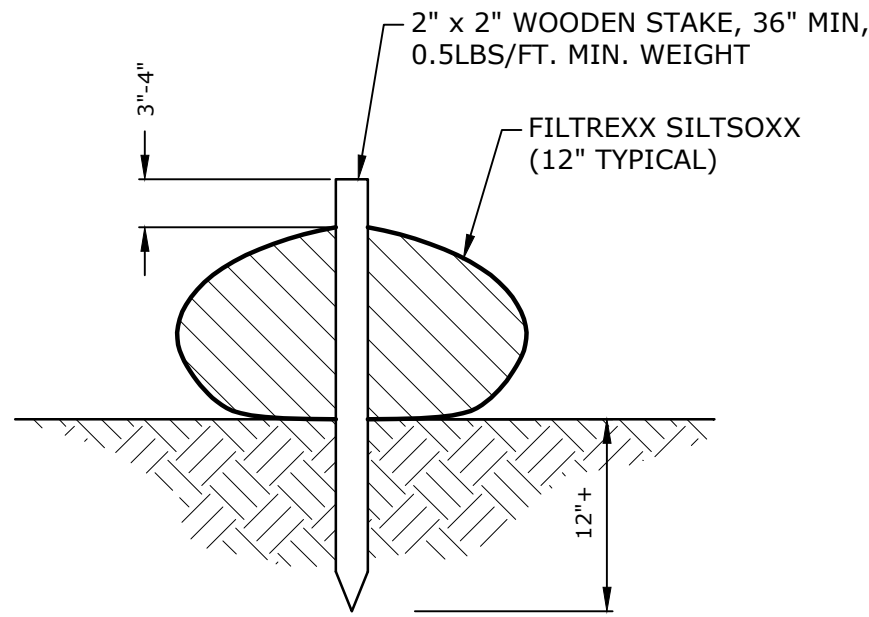
Vernon,  
Connecticut

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| DESIGNED/CHECKED BY: | LAC                      |             |
| APPROVED BY:         | MM                       |             |

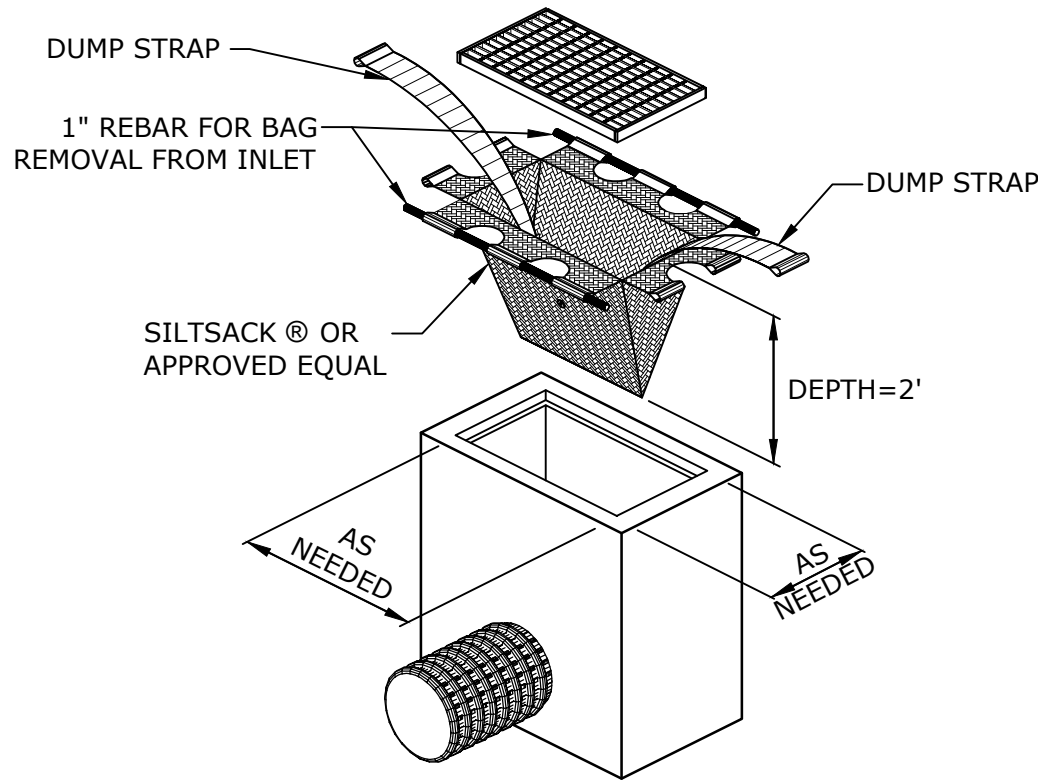
MISCELLANEOUS  
DETAILS - 1

|        |          |
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| SCALE: | NO SCALE |
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C-501  
SHEET 7 OF 8

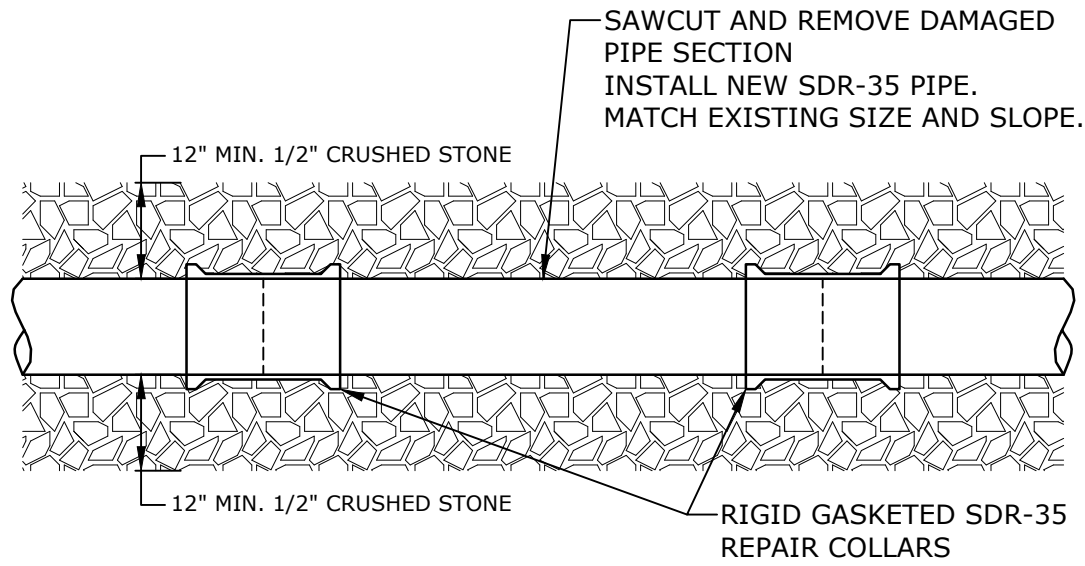


**SILTSOXX (FILTREX®)**  
NO SCALE

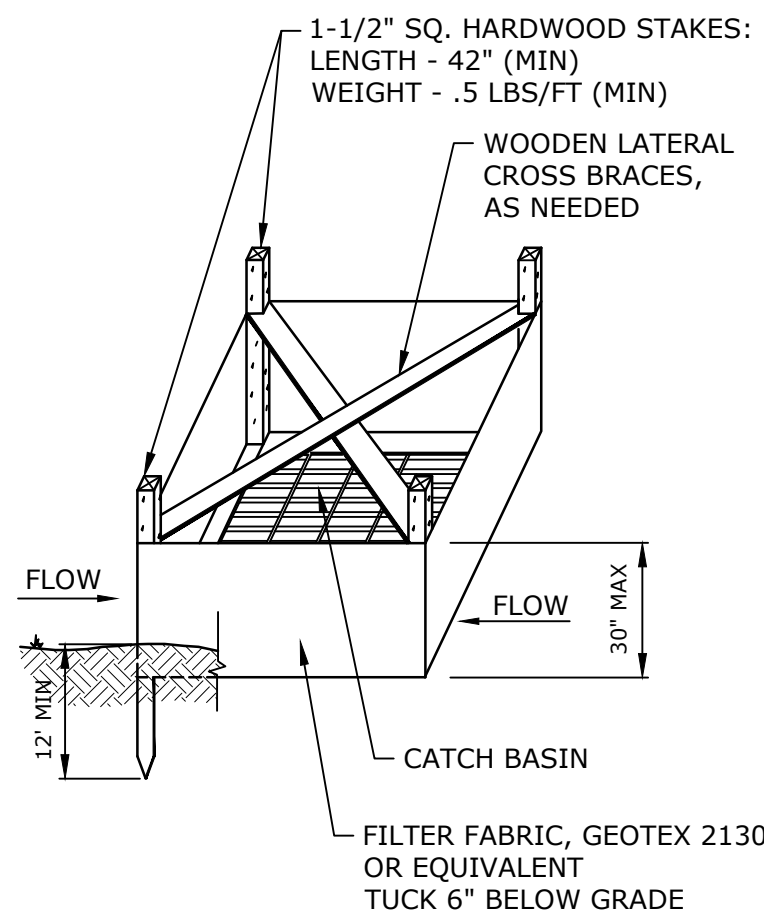


SILTSACK MANUFACTURED BY:  
ACF ENFIRONMENTAL  
2831 CARDWELL ROAD  
RICHMOND, VIRGINIA 23237

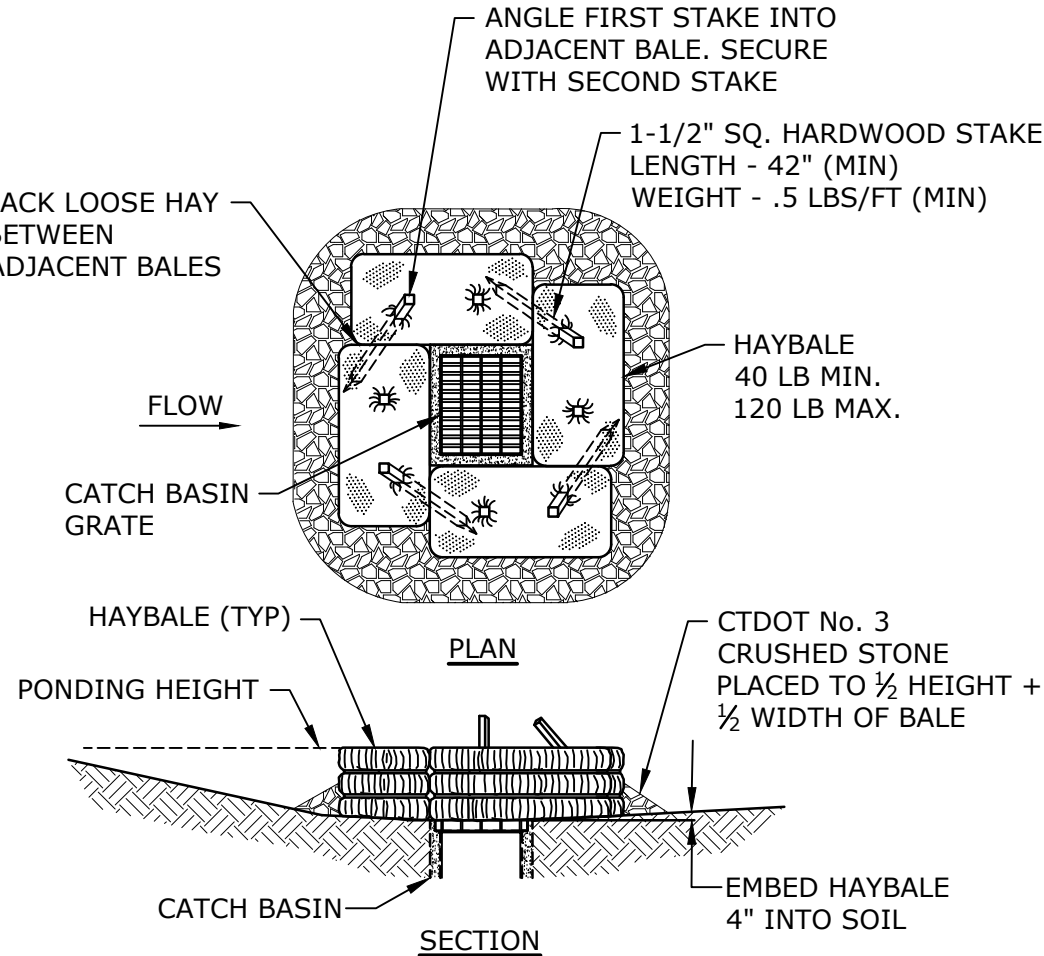
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**SANITARY SEWER POINT REPAIR**  
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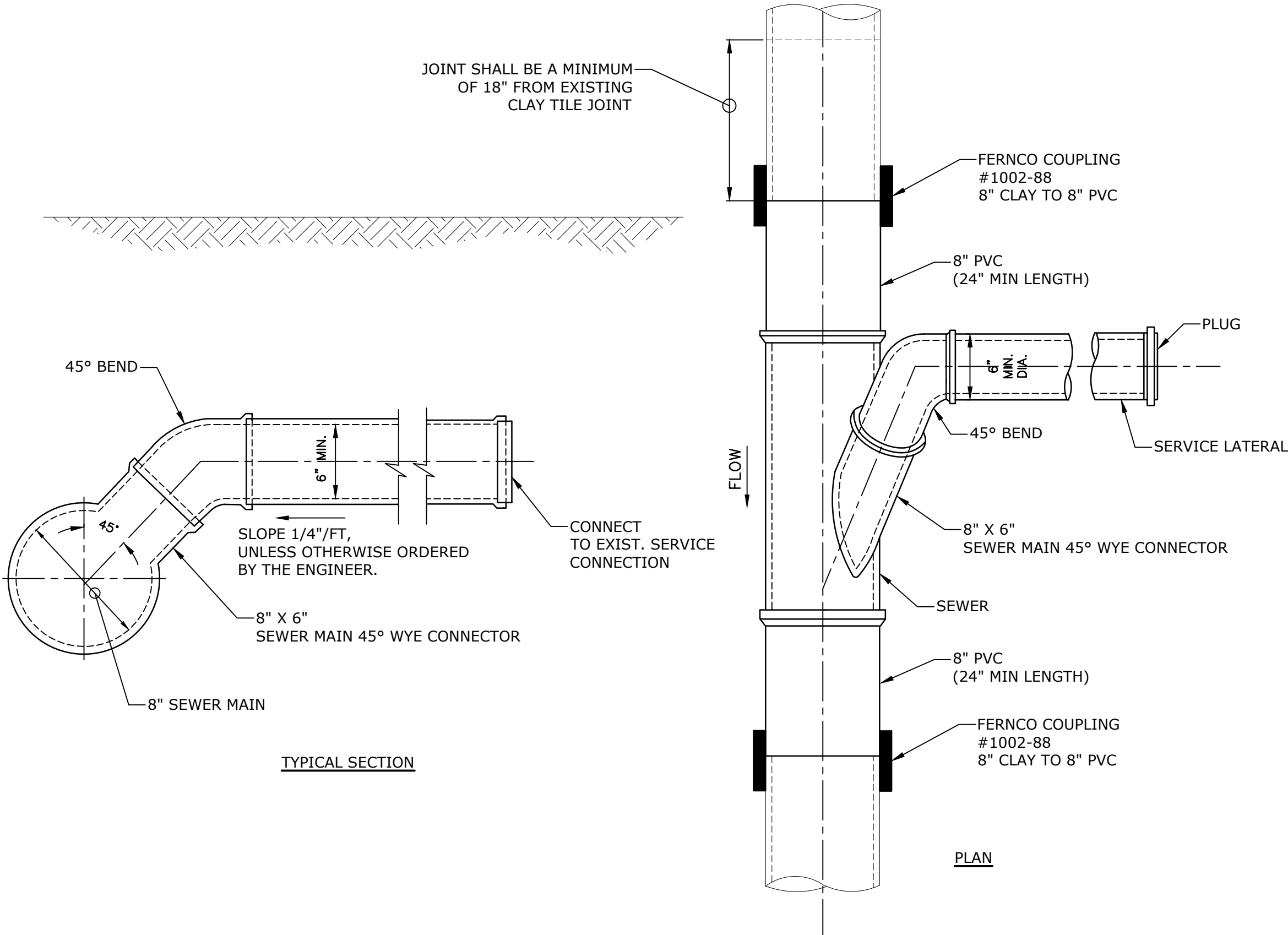


**SILT FENCE INSTALLATION AT  
CATCH BASIN AT LOW POINTS**

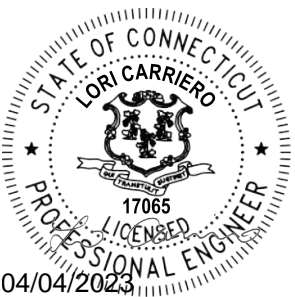


**HAYBALE FILTER INSTALLATION AT  
CATCH BASIN AT LOW POINTS**

**CATCH BASIN EROSION CONTROL**  
NO SCALE



**SEWER LATERAL POINT REPAIR**  
NO SCALE



**Sanitary  
Sewer  
Replacement**

Town of Vernon  
WPCA

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Connecticut

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| DESIGNED/CHECKED BY: | LAC                      |             |
| APPROVED BY:         | MM                       |             |

MISCELLANEOUS  
DETAILS - 2

SCALE: NO SCALE

C-502  
SHEET 8 OF 8