

VILLAGE OF SCIO  
HARRISON COUNTY, OHIO

HILLTOP ST. AND MAIN ST. SANITARY SEWER EXTENSION

ADDENDUM #3

JULY 11, 2025

THRASHER PROJECT #T20-11019



TO WHOM IT MAY CONCERN:

The following are clarifications and responses to questions posed by contractors for the above-referenced project.

**A. GENERAL**

1. The Estimate has been revised.
2. **THE BID FORM HAS BEEN REVISED. YOU MUST USE THE REVISED BID FORM WHEN PREPARING YOUR BID PACKAGE FOR THIS PROJECT.**

**B. SPECIFICATIONS**

1. Specification 012000 Price & Payment Procedures has been revised.

**C. DRAWINGS**

1. Sheets 1 and D2 have been revised, and sheet D4 has been added.

**D. QUESTIONS AND RESPONSES**

**1. QUESTION**

Manholes 5, 4 have inverts coming above the outlet that are 3-4' above, will these manholes need to be considered a drop? If so, is there a detail of the manhole with a drop?

**RESPONSE**

Manholes with an invert drop more than 18" will require an inside drop assembly. A detail is being added to Sheet D2 of the plans.

**2. QUESTION**

Will the manholes need to have Xypex added to the mix?

**RESPONSE**

Precast concrete manholes will require Xypex admixture.

**3. QUESTION**

Can you clarify:

- a. The size of the line that is to extend south of San MH 62 to pick up the two proposed laterals?

**RESPONSE**

The line extending south of manhole 62 is 8" PVC. The proposed laterals have been removed from the project.

- b. The length of that line? (does it extend past the second lateral)

**RESPONSE**

The proposed sanitary does not extend past manhole 62.

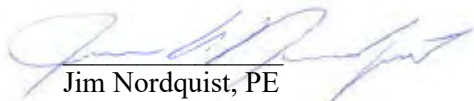
- c. The depth of that line? (there is no proposed invert elevation for a line entering the structure from the south)

**RESPONSE**

The inverts that will need to be tied into manhole 62 are as updated on sheet 1. The proposed sewer will be tied into the existing manhole 80.

As a reminder, bids will be received until 1:00 p.m. on Wednesday, July 16, 2025, at the Village of Scio located at 210 E Main St, Scio, OH 43988. Good luck to everyone and thank you for your interest in the project.

Sincerely,  
THE THRASHER GROUP, INC.



Jim Nordquist, PE  
Project Manager

## **ESTIMATE**

The approximate work to be bid upon is described as follows:

**The proposed project is installation of 1,850 LF of 8” PVC sanitary sewer line with approximately 24 laterals. The road on Hilltop Dr. will have full-width pavement for approximately 155 CY. Where the sanitary sewer line is in Main Street, the line will be in the sidewalk, and approximately 16 CY of concrete will be put back in place of existing sidewalk.**

The Engineer’s estimate for cost of construction is: **\$1,023,035.20**

# BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

## ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

***Village of Scio  
210 E Main St  
Scio, OH 43988***

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

## ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

A. Bid Opening Requirements

## ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

### GENERAL

The Bidder shall take notice of and shall be responsible for any local or state taxes levied and applicable, and the cost for the same shall be included as part of the submitted Bid.

The total Bid cost stated includes a complete operating installation including furnishing and installation of any and all changes or additions in plans, piping, mechanical work, additional electrical work, accessories, controls, etc. necessary to accommodate alternative equipment systems or materials used in construction.

### BID PROPOSAL

The Bidder agrees to perform all required Work described in the detailed Specifications and as shown on the Plans for the complete construction and placing in satisfactory operation the **Hilltop St. & Main St. Sanitary Sewer Extension**. The Project "Sequence of Construction" has been detailed in the Drawings and Specification Division 1, Project Summary, Section 011000. The Bidder agrees to perform all the Work proposed for the total of the following Bid prices.

3.01 ~~Lump Sum Bids~~

~~A. Bidder will complete the Work in accordance with the Contract Documents for the lump sum (stipulated) price(s), together with any Unit Prices indicated in Paragraph 3.02 and shown in the bid schedule.~~

~~B. Lump Sum Bids may be one of the following:~~

~~1. Lump Sum Price (Single Lump Sum)~~

~~2. Lump Sum Price (Base Bid and Alternates)~~

~~3. Lump Sum Price (Sectional Lump Sum Bids)~~

~~C. All specified cash allowance(s) are included in the price(s) set forth in the bid schedule, and have been computed in accordance with Paragraph 13.02 of the General Conditions.~~

~~D. All specified contingency allowances are included in the price(s) set forth in the bid schedule, and have been computed in accordance with Paragraph 13.02 of the General Conditions.~~

### 3.02 Unit Price Bids

A. Bidder will perform the following Work at the indicated unit prices as shown in the Bid Schedule.

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

### 3.03 Total Bid Price (Lump Sum and Unit Prices)

**PROPOSED  
HILLTOP ST. & MAIN ST. SANITARY SEWER EXTENSION  
FOR THE**

**VILLAGE OF SCIO  
HARRISON COUNTY, OHIO  
THRASHER PROJECT #T20-11019**

### **BID SCHEDULE**

| Item # | DESCRIPTION                                | QTY. | UNIT | UNIT COST | COST |
|--------|--|------|------|-----------|------|
| 1      | MOBILIZATION                               | 1    | LS   |           |      |
| 2      | MAINTAINING TRAFFIC                        | 1    | LS   |           |      |
| 3      | CONSTRUCTION LAYOUT STAKES AND SURVEYING   | 1    | LS   |           |      |
| 4      | SEEDING, MISC.: TOPSOIL, SEEDING, MULCHING | 1    | LS   |           |      |

| Item # | DESCRIPTION   | QTY. | UNIT | UNIT COST | COST |
|--------|---|------|------|-----------|------|
| 5      | 8" SANITARY SEWER CONDUIT (SDR-35)                        | 1850 | LF   |           |      |
| 6      | 6"X8" SANITARY SEWER WYES                                 | 24   | EA   |           |      |
| 7      | 6" SANITARY SEWER LATERAL CONDUIT (SDR-35)                | 900  | LF   |           |      |
| 8      | 6" CLEANOUT (SDR-35) AND CONNECT TO EXISTING SEWER SYSTEM | 24   | EA   |           |      |
| 9      | MANHOLE NO 3  | 15   | EA   |           |      |
| 10     | CLEAN AND DEMOLISH SEPTIC SYSTEM                          | 24   | EA   |           |      |
| 11     | PAVEMENT PLANING 2"                                       | 2784 | SY   |           |      |
| 12     | NON-TRACKING TACK COAT (0.85 GAL/SY)                      | 150  | GAL  |           |      |
| 13     | ASPHALT CONCRETE SURFACE COURSE 2"                        | 155  | CY   |           |      |
| 14     | CONCRETE BASE 6"  | 680  | SY   |           |      |
| 15     | CLASS QC2 CONCRETE WITH QA/QC, SIDEWALK 4"                | 16   | CY   |           |      |
| 16     | AGGREGATE BASE, SIDEWALK                                  | 16   | CY   |           |      |
| 17     | CONNECT TO EXISTING SANITARY MANHOLE                      | 1    | LS   |           |      |

**TOTAL BID ACTIVITY** \_\_\_\_\_

**NOTE: THE CONTRACTOR'S UNIT PRICES SHALL INCLUDE PURCHASE AND INSTALLATION, COMPLETE IN PLACE, PER BID ITEM IN ACCORDANCE WITH THE DETAILED SPECIFICATIONS.**

Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

3.04 *Method of Award*

**Method of Award = Lowest Qualified Bidder (Regular)**

If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids.

- A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.
- B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

**{OR}**

**~~{Method of Award = Lowest Qualified Bidder (Deductive Alternate)}~~**

~~—— If at the time this Contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible bidder, as listed in contract does not exceed the amount of funds estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the Owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder, less the amount(s) of the deductive alternate(s) subtracted in numerical order to produce the lowest bid within the funds available for financing.~~

- ~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~
- ~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

**{OR}**

**~~{Method of Award = Lowest Qualified Bidder (Additive Alternates)}~~**

**~~{Apply in numerical order as in deductive}~~**

~~If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. Awarding of Additive Alternate(s) will not affect the lowest Bidder. If such bids exceed such amount, the Owner may reject all bids.~~

~~The Owner will award the contract on the total base bid amount inclusive or exclusive of alternates as determined by the Owner and submitted by a qualified, responsive, responsible Bidder. The Owner may elect to award any or all of the additive alternates in no particular order.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

**{OR}**

**{Method of Award = Lowest Qualified Bidder (Multiple Contracts)}**

~~*{Only if Necessary, If one company bids all contracts, they can add a % deduction to their total bid}*~~

~~—— If at the time this contract is to be awarded, the lowest total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids. The Owner may award the contract on the total bid submitted by a qualified, responsive, responsible bidder after apply the % deduct, if offered, as listed in contract to produce the lowest bid within the funds available for financing.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~

~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

**{OR}**

**{Method of Award = Lowest Qualified Bidder (Alternate Bids)}**

~~—— If at the time this contract is to be awarded, the lowest total bid or either alternate total bid submitted by a qualified, responsive, responsible Bidder does not exceed the amount of funds then estimated by the Owner, as available to finance the contract, the construction contract will be awarded. If such bids exceeds such amount, the owner may reject all bids. The Owner may award the contract on the total bid or either alternate total bid submitted by a qualified, responsive, responsible bidder less the amount of the deductive alternate as listed in contract to produce the lowest bid within the funds available for financing.~~

~~A. Unit prices have been computed in accordance with paragraph 13.03.A of the General Conditions.~~



~~B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.~~

#### ~~ARTICLE 4 BASIS OF BID COST PLUS FEE~~

~~4.01 The Contract Price will be the Cost of the Work, determined as provided in Paragraph 13.01 of the General Conditions, together with the following fee, and subject to the Guaranteed Maximum Price.~~

~~4.02 Contractor's Fee~~

~~A. Contractor's fee will be [number] percent of the Cost of the Work. No fee will be payable on the basis of costs itemized as excluded in Paragraph 13.01.C of the General Conditions.~~

~~1. The maximum amount payable by Owner as a percentage fee (Guaranteed Maximum Fee) will not exceed \$[insert cap amount], subject to increases or decreases for changes in the Work.~~

~~B. Contractor's fee will be determined by applying the following percentages to the various portions of the Cost of the Work as defined in Article 13 of the General Conditions. No fee will be payable on the basis of costs itemized as excluded in Paragraph 13.01.C of the General Conditions:~~

| Costs   | Percent |
|---|---------|
| Payroll costs (See Paragraph 13.01.B.1, General Conditions) |         |
| Materials and Installed Equipment cost (GC 13.01.B.2)       |         |
| Amounts to be paid to Subcontractors (GC 13.01.B.3)         |         |
| Amount to be paid to special consultants (GC 13.01.B.4)     |         |
| Other costs (GC 13.01.B.5)                                  |         |

~~1. The maximum amount payable by Owner as a percentage fee (Guaranteed Maximum Fee) will not exceed \$[insert cap amount], subject to increases or decreases for changes in the Work.~~

~~C. Contractor's fee will be the fixed sum of \$[number].~~

~~4.03 Guaranteed Maximum Price~~

~~A. The Guaranteed Maximum Price to Owner of the Cost of the Work including Contractor's Fee will not exceed \$[Bidder fill in GMP].~~

~~Deleted~~

#### ~~ARTICLE 5 PRICE PLUS TIME BID~~

~~5.01 Price Plus Time Contract Award (Stipulated Price Contract)~~

~~A. The Bidder to which an award of the Contract will be made will be determined in part on the basis of the Total Bid Price and the total number of calendar days to substantially complete the Work, in accordance with the following:~~

|     | Description   |                | Amount     |
|-----|---|----------------|------------|
| A   | 1. Total Bid Price  |                | \$[number] |
|     | 2. Total number of calendar days to substantially complete the Work | [number] days  |            |
|     | 3. Liquidated Damages Rate (from Agreement)                         | \$[number]/day |            |
| B   | 4. Adjustment Amount (2 x 3)  |                | \$[number] |
| A+B | 5. Amount for Comparison of Bids                                    |                | \$[number] |

~~B. The purpose of the process in the table above is only to calculate the lowest price plus time (A+B) bid amount for bid comparison purposes. The price for completion of the Work (the Contract Price) is the Total Bid Price.~~

~~C. Bonds required under Paragraph 6.01 of the General Conditions will be based on the Contract Price.~~

5.02 ~~Price Plus Time Contract Award (Cost Plus Fee with Guaranteed Maximum Price Contract)~~

~~A. The Bidder to which an award of Contract will be made will be determined in part on the basis of the Guaranteed Maximum Price and the total number of calendar days to substantially complete the Work, in accordance with the following:~~

|     | Description   |                | Amount     |
|-----|---|----------------|------------|
| A   | 1. Guaranteed Maximum Price   |                | \$(number) |
|     | 2. Total number of calendar days to substantially complete the Work | {number} days  |            |
|     | 3. Liquidated Damages Rate (from Agreement)                         | \$(number)/day |            |
| B   | 4. Adjustment Amount (2 x 3)  |                | \$(number) |
| A+B | 5. Amount for Comparison of Bids                                    |                | \$(number) |

~~B. The purpose of the process in the table above is only to calculate the lowest price plus time (A+B) bid amount for bid comparison purposes. The price for completion of the Work (the Contract Price) is based on the cost of the Work, plus a fee, subject to a guaranteed maximum price, as set forth in the Agreement.~~

~~C. Bonds required under Paragraph 6.01 of the General Conditions will be based on the Contract Price.~~

**Deleted**

**ARTICLE 6—TIME OF COMPLETION**

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder agrees that the Work will be substantially complete on or before **[Bidder inserts date]**, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **[Bidder inserts date]**.

**Deleted**

6.03 Bidder agrees that the Work will be substantially complete within **[Bidder inserts number]** calendar days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within **[Bidder inserts number]** calendar days after the date when the Contract Times commence to run.

**Deleted**

6.04 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA**

7.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

7.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

7.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the Addenda: **ACKNOWLEDGE IN BOR-4.**

**ARTICLE 8—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS**

8.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

8.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
  - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
  - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
  - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
  - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

\_\_\_\_\_  
(typed or printed name of organization)

By:

\_\_\_\_\_  
(individual's signature)

Name:

\_\_\_\_\_  
(typed or printed)

Title:

\_\_\_\_\_  
(typed or printed)

Date:

\_\_\_\_\_  
(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

\_\_\_\_\_  
(individual's signature)

Name:

\_\_\_\_\_  
(typed or printed)

Title:

\_\_\_\_\_  
(typed or printed)

Date:

\_\_\_\_\_  
(typed or printed)

Address for giving notices:

\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contact:

Name:

\_\_\_\_\_  
(typed or printed)

Title:

\_\_\_\_\_  
(typed or printed)

Phone:

Email:

Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contractor License No.: (if  
applicable)

\_\_\_\_\_

Village of Scio  
Hilltop St. & Main St. Sanitary Sewer Replacement

SECTION 012000 - PRICE AND PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract Documents, including General and Supplementary Conditions, and all related Specification Sections, apply to this Section.

1.2 SECTION INCLUDES

- A. Cash allowances.
- B. Schedule of Values.
- C. Application for Payment.
- D. Measurement and Payment

1.3 CASH ALLOWANCES (If provided in the Bid Form)

- A. Costs Included in Cash Allowances: Cost of product to Contractor or Subcontractor, less applicable trade discounts; delivery to Site and applicable taxes unless stated otherwise in Allowance Schedule.
- B. Costs Not Included in Cash Allowances but Included in Contract Sum/Price: Product handling at Site including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing unless stated otherwise in Allowance Schedule.
- C. Engineer Responsibilities:
  - 1. Consult with Contractor for consideration and selection of products suppliers and installers.
  - 2. Select products in consultation with Owner and transmit decision to Contractor.
  - 3. Prepare Change Order.
- D. Contractor Responsibilities:
  - 1. Assist Engineer in selection of products, suppliers, and installers.
  - 2. Obtain proposals from suppliers and installers and offer recommendations.
  - 3. Upon notification of selection by Engineer, execute purchase agreement with designated supplier and installer.
  - 4. Arrange for and process Shop Drawings, Product Data, and Samples. Arrange for delivery.
  - 5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

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- E. Differences in costs will be adjusted by Change Order.
  - F. Allowance Schedule: If provided in and as per the Bid Form
  - G. Differences in cost between allowance(s) and actual cost(s) will be adjusted by Change Order.
- 1.4 SCHEDULE OF VALUES (As required for Lump Sum Project or Bid Item Breakdown on Unit Price Project)
- A. Submit printed schedule on Progress Estimate schedule on EJCDC C-620.
  - B. Submit Schedule of Values within 20 days after date established in Notice to Proceed.
  - C. Format for Lump Sum Project: Use Table of Contents of this Project Manual. Identify each line item with number and title of major Specification Section.
  - D. Revise schedule to list approved Change Orders with each Application for Payment.
- 1.5 APPLICATION FOR PAYMENT
- A. Submit six (6) executed copies of each Application for Payment on EJCDC C-620 - Contractor's Application for Payment.
  - B. Submit six (6) copies of executed copies of Abnormal Weather Conditions forms regardless if any days are claimed or not and Affidavit of Payment.
  - C. Submit six (6) American Iron and Steel Qualifying and De Minimus Materials List (if required by the Contract Documents).
  - D. Payment Period: Submit at intervals stipulated in the Agreement.
- 1.6 MEASUREMENT AND PAYMENT
- A. Take measurements and compute quantities. Engineer will verify measurements and quantities.
  - B. Unit Quantities: Quantities and measurements indicated on Bid Form are for Contract purposes only. Actual quantities provided shall determine payment.
  - C. Payment Includes: Full compensation for required labor, products, tools, equipment, plant and facilities, transportation, services and incidentals; erection, application, or installation of item of the Work; overhead and profit.
  - D. Final payment for Work governed by unit prices will be made on basis of actual measurements and quantities accepted by Engineer multiplied by unit sum/price for Work incorporated in or made necessary by the Work.
  - E. Measurement of Quantities:

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1. Weigh Scales: Inspected, tested, and certified by state in which work is being performed or state of origin of materials within past year.
2. Platform Scales: Of sufficient size and capacity to accommodate conveying vehicle.
3. Metering Devices: Inspected, tested, and certified by state in which work is being performed or state of origin of materials within past year.
4. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel, or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
5. Measurement by Volume: Measured by cubic dimension using mean length, width, and height or thickness.
6. Measurement by Area: Measured by square dimension using mean length and width or radius.
7. Linear Measurement: Measured by linear dimension, at item centerline or mean chord.
8. Stipulated Sum/Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as completed item or unit of the Work.

F. Payment

1. **General Conditions, Supplemental General Conditions, Specification Section 011000 through 017839 Except for General Conditions - Mobilization/Demobilization, Section 015000 - Temporary Facilities and Controls and Section 015700 – Traffic Control.**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which it is required.
- B. No additional compensation shall be made.

2. **General Conditions – Mobilization/Demobilization**

**Bid Item 1 – Mobilization/Demobilization – Lump Sum**

- A. When a lump sum bid item for Mobilization/Demobilization is provided in the Bid Form, this work shall be paid for at the lump sum bid price for construction preparatory operations including, but not limited to, the movement of personnel and equipment to the project site and the establishment of field office(s), building(s), and/or other facilities, payment of all bonding and insurance costs incurred by the Contractor, and the installation of the project sign if a sign is required in the Supplemental General Conditions.

In no case shall the lump sum bid price for Mobilization/Demobilization exceed five percent (5%) of the total bid.

Partial payment not exceeding three percent (3%) of the awarded total contract bid price shall be made as part of the first application for payment after mobilization is completed. The balance of this lump sum bid price shall be paid for as part of the first application for payment after final completion.

No deduction shall be made, nor shall any increase be made, in the lump sum bid price for Mobilization regardless of any decreases or increases in the final total contract price or for any other cause.



- B. When a bid item for Mobilization/Demobilization is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which mobilization/demobilization is required.

No additional compensation shall be made.

**3. Section 015000 – Temporary Facilities and Controls**

**Incidental**

- A. When a lump sum bid item for Field Office and Sheds is provided in the Bid Form, this work shall be paid for on a prorated basis over the contract length to final completion based on the lump sum bid price.
- B. When a per month bid item for Field Office and Sheds is provided in the Bid Form, this work shall be paid for at the per month bid price.
- C. When a lump sum bid item for Field Office and Sheds is not provided in the Bid Form and a lump sum bid item for Mobilization/Demobilization is provided in the Bid Form, this work shall be included in the lump sum bid price for Mobilization/Demobilization.
- D. When neither a lump sum bid item for Field Office and Sheds is provided in the Bid Form nor a lump sum bid item for Mobilization is provided in the Bid Form, the cost for Field Office and Sheds shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which the Field Office and Sheds are required. No additional compensation shall be made.

**4. Section 015700 – Traffic Control**

**Bid Item 2 – Maintain Traffic – Lump Sum**

- A. When a Lump Sum bid item for Traffic Control is provided in Bid Form, this work shall be paid for at the lump sum bid price or unit bid price.
- B. When a bid item for Traffic Control is not provided in the Bid Form, this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which Traffic Control is required.
- C. No additional compensation shall be made.

**5. Section 024010 – Video Recording**

**Incidental**

- A. When a lump sum bid item for Pre-Construction Video Recording is provided in the Bid Form, this work shall be paid for at the lump sum bid price for all location(s) directly and/or indirectly affected by the project.
- B. When a bid item for Pre-Construction Video Recording is not provided in the Bid Form, this work will be completed by others and will not be part of the Contractor's work.

**6. Section 033000 – Cast-in-Place Concrete**

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**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which cast-in-place concrete is required.
- B. No additional compensation shall be made.

**7. Section 033050 – Crystalline Concrete Waterproofing**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which waterproofing is required.
- B. No additional compensation shall be made.

**8. Section 036000 – Grouting**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which grouting is required.
- B. No additional compensation shall be made.

**9. Section 310513 – Soils for Earthwork**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which soils for earthwork is required.
- B. No additional compensation shall be made.

**10. Section 310516 – Aggregates for Earthwork**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which soils for earthwork is required.
- B. No additional compensation shall be made.

**11. Section 311100 – Clearing, Grubbing, and Restoration**

**Clearing, Grubbing, and Restoration of Disturbed Area - Incidental**

- A. The cost for this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which clearing and/or grubbing are required.
- B. No additional compensation shall be made.

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- C. All trees and vegetation within temporary construction easement limits shall be cleared (and grubbed if so specified) unless the property owner indicates in writing that certain trees are to remain and that the property owner will assume all responsibilities for removal of the trees in the future. Any such letter from the property owner shall be submitted to the Engineer for the record.

## **12. Section 312316 – Excavation**

### **Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which excavation is required. No additional compensation shall be made.
- B. Unless otherwise provided, all excavation shall be unclassified regardless of the material encountered. No additional compensation shall be made for rock or any soft or otherwise unsuitable material. No additional compensation shall be made for dewatering and/or sheet piling.

## **13. Section 312316.13 – Trenching**

### **Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which trenching is required. No additional compensation shall be made.
- B. Unless otherwise provided, all excavation shall be unclassified regardless of the material encountered. No additional compensation shall be made for rock or any soft or otherwise unsuitable material. No additional compensation shall be made for dewatering and/or sheet piling.

## **14. Section 312319 – Dewatering**

### **Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which dewatering is required.
- B. No additional compensation shall be made.

## **15. Section 312500 – Erosion and Sedimentation Controls**

### **Incidental**

- A. The cost for Erosion and Sediment Controls is to be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which Erosion and Sediment Controls are required.

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All operation and maintenance costs as well as recordkeeping and reporting costs shall be included.

B. No additional compensation shall be made.

**16. Section 321216 – Concrete Resurfacing, Crushed Stone Resurfacing, and Asphalt Paving**

**Bid Item 11 – Pavement Planing (2”) – Square Yard**

**Bid Item 12 – Non-Tracking Tack Coat – Gallon**

**Bid Item 13 – Asphalt Concrete Surface Course 2” – Cubic Yard**

**Bid Item 14 – Concrete Base 6” – Square Yard**

**Bid Item 15 – Class QC2 Concrete with QA/QC Sidewalk 4” – Cubic Yard**

**Bid Item 16 – Aggregate Base, Sidewalk – Cubic Yard**

- A. Trench repairs, street, roadway, and driveway asphalt driveway repairs, bituminous concrete curb, and crushed stone repairs as required in the Drawings and/or Specifications shall be paid for at the linear foot unit bid price(s) for the type of repair and/or curb specified measured along the centerline of the utility pipe.
1. The designation of (Y”) and (X) in the Bid Item is provided in the Bid Form.
  2. Width shall not be considered.
  3. The cost shall include all work required in the Drawings and/or Specifications.
  4. The cost for temporary stone to maintain disturbed areas until repairs are made shall be included in the unit bid price(s) for the repair(s). No additional compensation shall be made.
  5. The cost for neatly saw cutting pavement prior to excavation shall be included in these Bid Items.
- B. Improved and unimproved areas disturbed by the Contractor in areas where utility pipe is not installed shall be repaired by the Contractor at his expense at no additional cost to the Owner. No additional compensation shall be made.
- C. When a square yard bid item for Milling and Overlay of Bituminous Concrete is provided in the Bid Form, the cost for milling and overlay of bituminous concrete pavement of Type (X) shall be paid for at the square yard unit bid price(s) for the depth (Y”) of milling and overlay specified and/or shown in the Drawings.
1. The designation of (Y”) and (X) in the Bid Item is provided in the Bid Form.
  2. The cost for milling and overlay shall include pavement markings to match the existing pavement markings that are milled and bituminous concrete wedge curb where disbursed.
- D. When a cubic yard bid item for Overlay of Bituminous Concrete is provided in the Bid Form, the cost for overlay of bituminous concrete pavement of Type (X) shall be paid for at the cubic yard unit bid price(s) for the depth (Y”) of overlay specified and/or shown in the Drawings.
1. The designation of (Y”) and (X) in the Bid Item is provided in the Bid Form.
  2. The cost for overlay shall include pavement markings to match the existing pavement markings that are milled.

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3. The cost for overlay shall include milling required to construct the heel-in as required in the Drawings and/or Specifications.
- E. Pavement, graveled areas, curb, and/or sidewalk and vegetated areas disturbed by the Contractor in areas where utility pipe is not installed shall be replaced by the Contractor at his expense at no additional cost to the Owner. No additional compensation will be made.

**17. Section 321217 – Stone Surfacing Material**

**Incidental**

- A. The cost for this work shall be paid for at the linear foot unit bid price(s) for the type of repair specified measured along the centerline of the street or driveways, width shall no be considered.
- B. The cost for this Work shall be paid for by the linear foot unit bid price(s) for the type of repair specified for shoulder stone along state roads or streets, width shall not be considered.
- C. The cost of this work shall be paid for by the ton unit bid price(s) for parking areas.
- D. The cost for temporary stone to maintain disturbed areas until repairs are made shall be included in the unit bid price(s) for the repair(s). No additional compensation shall be made.

**18. Section 321313 – Concrete Paving**

**Incidental**

- A. The cost for this work will be paid for by the lump sum price or unit bid price for the street or area requiring work.

**19. Section 321723 – Pavement Markings**

**Incidental**

- A. The cost of this work shall be in the lump sum bid price(s) or unit bid price(s) for the paving improvement.
- B. No additional compensation shall be made.

**20. Section 329119 - Landscaping**

**Bid Item 4 – Seeding, MISC.: Topsoil, Seeding, and Mulching – Lump Sum**

- A. The cost of this work shall be paid for at the lump sum bid price(s) and/or unit bid price(s) as provided in the Bid Form for reclamation or restoration of pipelines.

**21. Section 330130.13 – Sewer and Manhole Testing**

**Incidental**

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- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which testing is required.
- B. No additional compensation shall be made.

**22. Section 330513 – Manholes and Structures**

**Bid Item 9 – Manhole No 3 - Inside Diameter, Base, Cone Top, Frame, and Cover – Per Each**

**Bid Item 10 – Clean and Demolish Septic System – Per Each**

- A. The cost of this work shall be paid for at the lump sum bid price(s) and/or unit bid price(s) as provided in the Bid Form.
- B. Payment shall be as follows:
  - 1. Manhole base, cone top, frame, and cover of specified inside diameter and up to six-foot (6') depth measured from invert out elevation to top of cover shall be paid at the unit bid price per each.
  - 2. Manhole riser piping of specified inside diameter required for additional depth over six feet (6') shall be paid for at the unit bid price per vertical foot. Measurements shall be rounded up to the nearest 1/10th foot.
  - 3. Reconnection of all existing sanitary sewer(s) to a replacement manhole shall be included in the unit bid price per each replacement manhole. No additional compensation shall be made.
  - 4. The cost for concrete structure(s), manhole(s), and/or wet well(s) for pump station(s) and/or valve vault(s) shall be included in the lump sum bid price(s) and/or unit bid price(s) for which they are required. No additional compensation shall be made.

**23. Section 330513.01 – Manhole Frames and Covers**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for the bid item(s) for which manhole frame and covers are required.
- B. No additional compensation shall be made.

**24. Section 330526 – Utility Identification**

**Incidental**

- A. The cost of this work shall be included in the lump sum bid price(s) and/or unit bid price(s) for which utility identification is required.
- B. No additional compensation shall be made.

**25. Section 333111 – Public Sanitary Sewerage Gravity Piping**

**Bid Item 5 – 8" SDR-35 Gravity Sewer Pipe – Horizontal Linear Foot**

**Bid Item 6 – 6"x8" Sanitary Sewer Wye – Per Each**

**Bid Item 7 – 6" SDR-35 Sanitary Sewer Service Laterals – Horizontal Linear Foot**

**Bid Item 8 – 6" SDR-35 Cleanout and Connect to Existing Sewer System – Per Each**

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**Bid Item 17 – Connect to Existing Sanitary Manhole – Lump Sum**

- A. The cost for Gravity Sanitary Sewer Main Lines shall be paid for by the unit bid price(s) by the horizontal linear foot for the type, size and depth of the pipe.
- B. The cost for Sanitary Sewer Service Laterals shall be paid for by the measured horizontal linear foot type and size of pipe, including pipe and fittings in place and accepted. Depth is not compensated.
- C. **Payment for connecting to the existing sanitary sewer shall be included in the lump sum bid item. This lump sum shall also encompass all labor, materials, equipment, and incidental work necessary to complete the tie-in. No additional compensation will be provided.**
- D. Measurement for Gravity Sanitary Sewer Main Line under this item shall be the horizontal measured length of pipe and fittings in place and accepted. Depth measurement shall be made perpendicular to the pipe and measured from the original ground to top of pipe.
- E. The unit price(s) shall include all required labor, materials, equipment, testing and all other cost associated with a complete installation including excavation, bedding, backfill, materials, fitting, pipe joints, pipe, tools, supplies, marking tape and testing.
- F. Cost for associated items with Sanitary Sewer Gravity Clean Outs shall be paid for by the unit bid price(s) for each complete installed per details on contract drawings.
- G. Cost shall include if not covered by another bid item repair such as flower beds, walls, shrubs, trees, fencing or other incidentals.
- H. Restoration of disturbed area, concrete resurfacing, crushed stone resurfacing and asphalt paving shall be paid for under other Bid Item(s) specified elsewhere.

**26. Bid Item 3 – Construction Layout Stakes and Surveying – Lump Sum**

- A. The cost for this work shall be paid for at a lump sum bid price.
- B. No additional compensation shall be made.

**General Specifications**

- A. The contract Specifications references provided attempt to outline the Contract Bid Item payment methodology for work to be performed. In the event of variation between the Bid Form and the preceding specification section measure and payment descriptions, the Contractor shall contact the Engineer before making any assumptions and proceeding with the Bid Item work or part thereof in question.

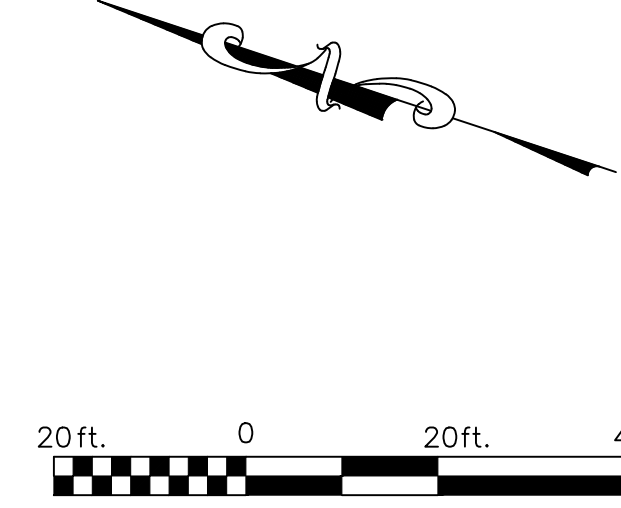
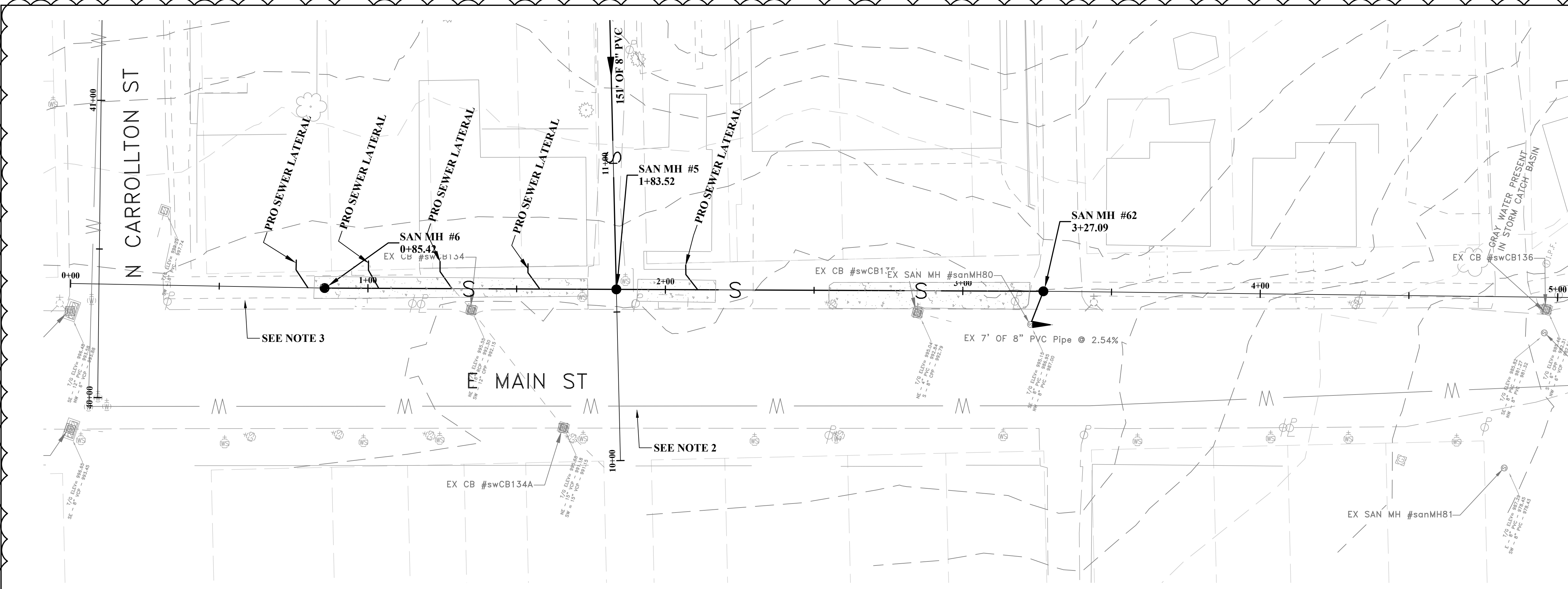
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PART 3 - EXECUTION - Not Used

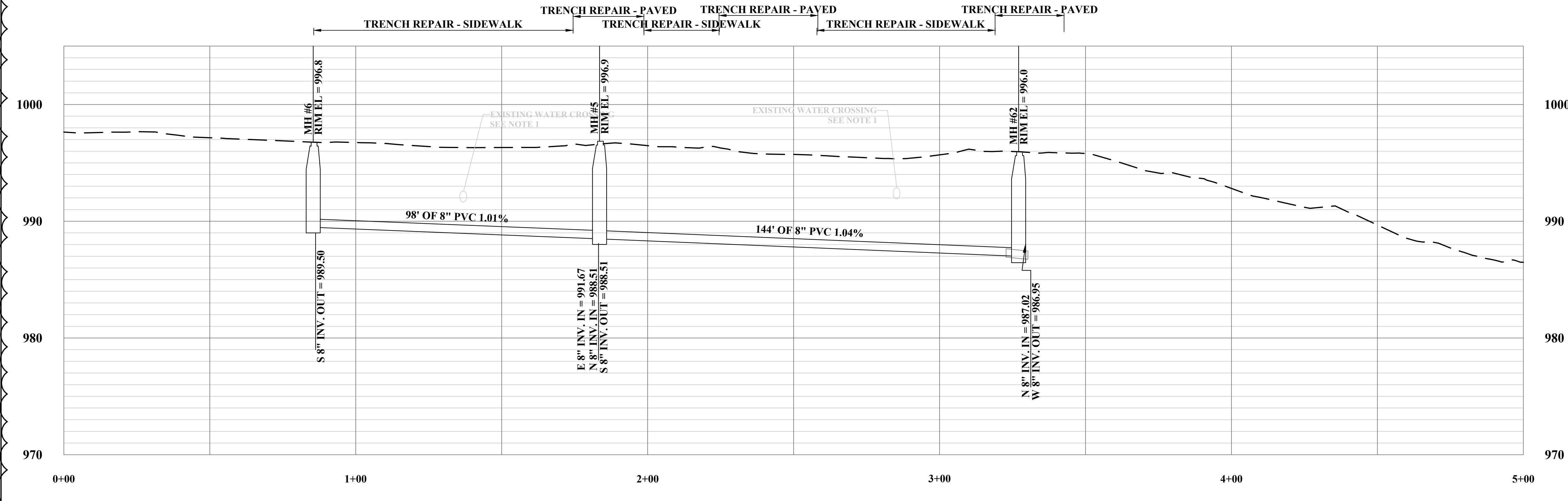
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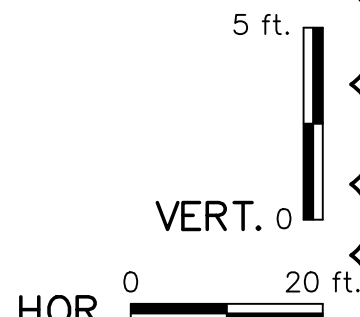
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- NOTES:
1. CONTRACTOR TO FIELD LOCATE EXISTING UTILITIES
  2. WATER LINE LOCATION APPROXIMATE BASED ON RECORD DRAWINGS
  3. CONTRACTOR IS TO ENSURE NO CONSTRUCTION WILL DAMAGE THE HISTORIC SIDEWALK IN FRONT OF THE SCIO MUSEUM



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| 1   | AMF | 11JUL2025 | ADDENDUM    |
| NO.   | BY  | DATE      | DESCRIPTION |

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| DATE: AS NOTED  |                |
| DRAWN: AMF      | DATE: 8JAN2024 |
| CHECKED: ---    | DATE: ---      |
| APPROVED: ---   | DATE: ---      |
| SURVEY DATE:    |                |
| SURVEY BY:      |                |
| FIELD BOOK No.: |                |

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| CONTRACT No. |
| PROJECT No.  |
| T20-11019    |

VILLAGE OF SCIO - HILLTOP & MAIN ST  
SANITARY SEWER EXT  
PLAN & PROFILE - E MAIN ST SEWER  
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GENERAL NOTES

THE LOCATION AND TIMING OF ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE FIELD ADJUSTED TO PREVENT SIGNIFICANT IMPACTS ON RECEIVING WATERS. IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN SHALL CONTINUE THROUGHOUT THE DURATION OF THE PROJECT OR UNTIL SUCH TIME THAT THE DISTURBED AREAS ARE PERMANENTLY STABILIZED.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR SOIL SEDIMENT POLLUTION FROM THE SITE AND PROPER PLACEMENT AND MAINTENANCE OF EROSION CONTROL ITEMS IN ACCORDANCE WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES' (ODNR'S) MANUAL OF RAINWATER AND LAND DEVELOPMENT, LATEST EDITION. INSTALL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION IN AREAS REQUIRING SUCH MEASURES.

PROVIDE INLET PROTECTION TO PREVENT SEDIMENT LADEN WATER FROM ENTERING STORM DRAIN SYSTEMS. INLETS PROTECTION SHALL BE INSTALLED IN ACCORDANCE WITH EITHER THE "INLET PROTECTION DETAIL" OR THE "SILT SACK DETAIL".

PROVIDE SILT FENCE AND DIVERSIONS AS NEEDED TO INTERCEPT SHEET FLOW RUNOFF FROM DENUDED AREAS AND TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED VIA SHEET FLOW.

THE CONTRACTOR SHALL CHECK TEMPORARY AND PERMANENT EROSION CONTROL FOR ADDITIONAL EROSION CONTROL FEATURES EVERY 7 DAYS OR WITHIN 24 HOURS OF ANY RAINFALL OF MORE THAN 0.5" AS PER THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) ITEM 670. ANY PROBLEMS FOUND DURING THE INSPECTION SHOULD BE CORRECTED IMMEDIATELY. A COPY OF THE WEEKLY INSPECTION REPORTS SHALL BE MADE AVAILABLE TO THE OHIO EPA SHOULD THEY REQUEST THEM.

THE OHIO EPA MAY INSPECT THE PROJECT AT ANY TIME.

A COPY OF THE OHIO EPA STORMWATER PERMIT, IF REQUIRED, MUST BE DISPLAYED IN A NOTICEABLE LOCATION.

ESTABLISHMENT OF PERMANENT GROUND COVER SHALL CONFORM TO THE CONTRACT DOCUMENTS FOR SEEDING AND MULCHING.

IF SMALL RILLS OR GULLIES DEVELOP, TEMPORARY DIVERSIONS OF EARTH FILL OR STRAW BALES SHOULD BE INSTALLED UNTIL SATISFACTORY SEEDING IS ESTABLISHED.

ADJACENT ROADS SHALL BE KEPT FREE OF DIRT AND DEBRIS AT ALL TIMES.

WHEREVER PRACTICAL, IT IS RECOMMENDED THAT FINAL SITE GRADING BE ACCOMPLISHED AS SOON AS POSSIBLE. IMMEDIATELY AFTER THE FINAL GRADING IS COMPLETED THE AREA SHALL BE PERMANENTLY SEEDED AND MULCHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS FOR SEEDING AND MULCHING AND MAINTAINED TO MINIMIZE SEDIMENT RUNOFF.

STABILIZATION REQUIREMENTS

1. PERMANENT STABILIZATION

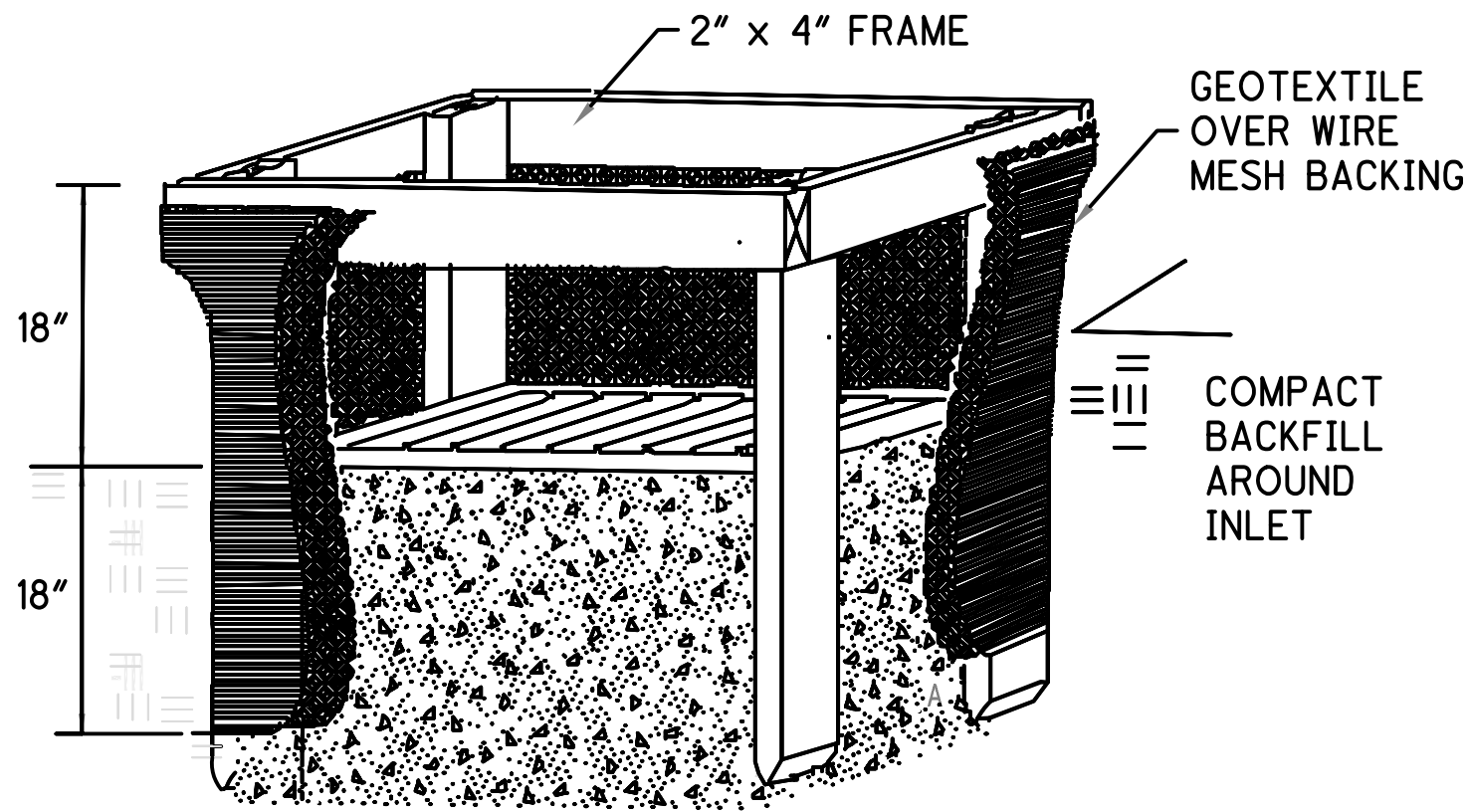
| AREAS REQUIRING PERMANENT STABILIZATION                                     | TIME FRAME TO APPLY EROSION CONTROLS                   |
|---|--|
| ANY AREAS THAT WILL LIE DORMANT FOR MORE THAN ONE YEAR                      | WITHIN 7 DAYS OF MOST RECENT DISTURBANCE               |
| ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE | WITHIN 2 DAYS OF REACHING FINAL GRADE                  |
| ANY OTHER AREAS AT FINAL GRADE  | WITHIN 7 DAYS OF REACHING FINAL GRADE WITHIN THAT AREA |

2. TEMPORARY STABILIZATION

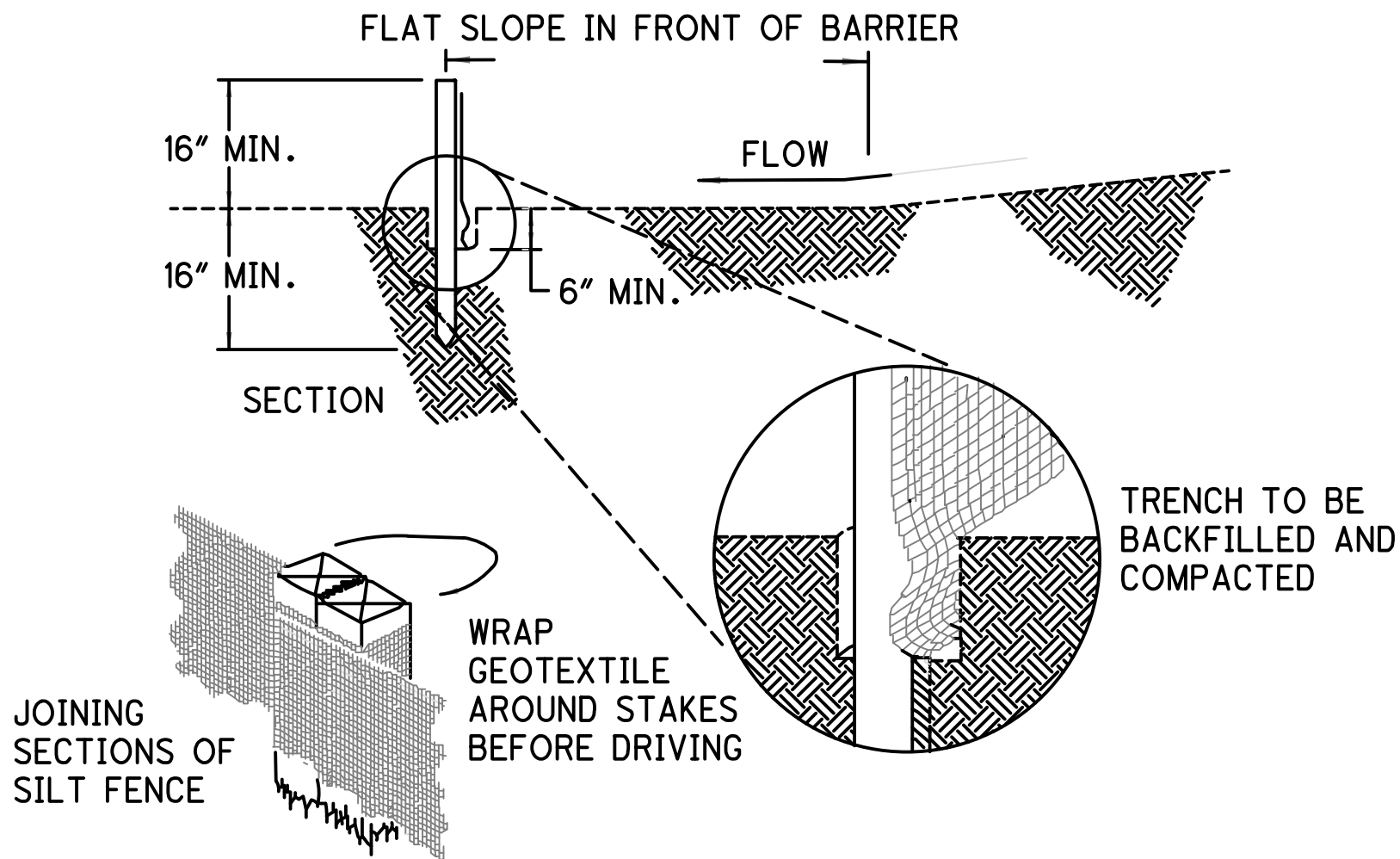
| AREA REQUIRING TEMPORARY STABILIZATION  | TIME FRAME TO APPLY EROSION CONTROLS  |
|---|---|
| ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE | WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 21 DAYS |

FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 21 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE

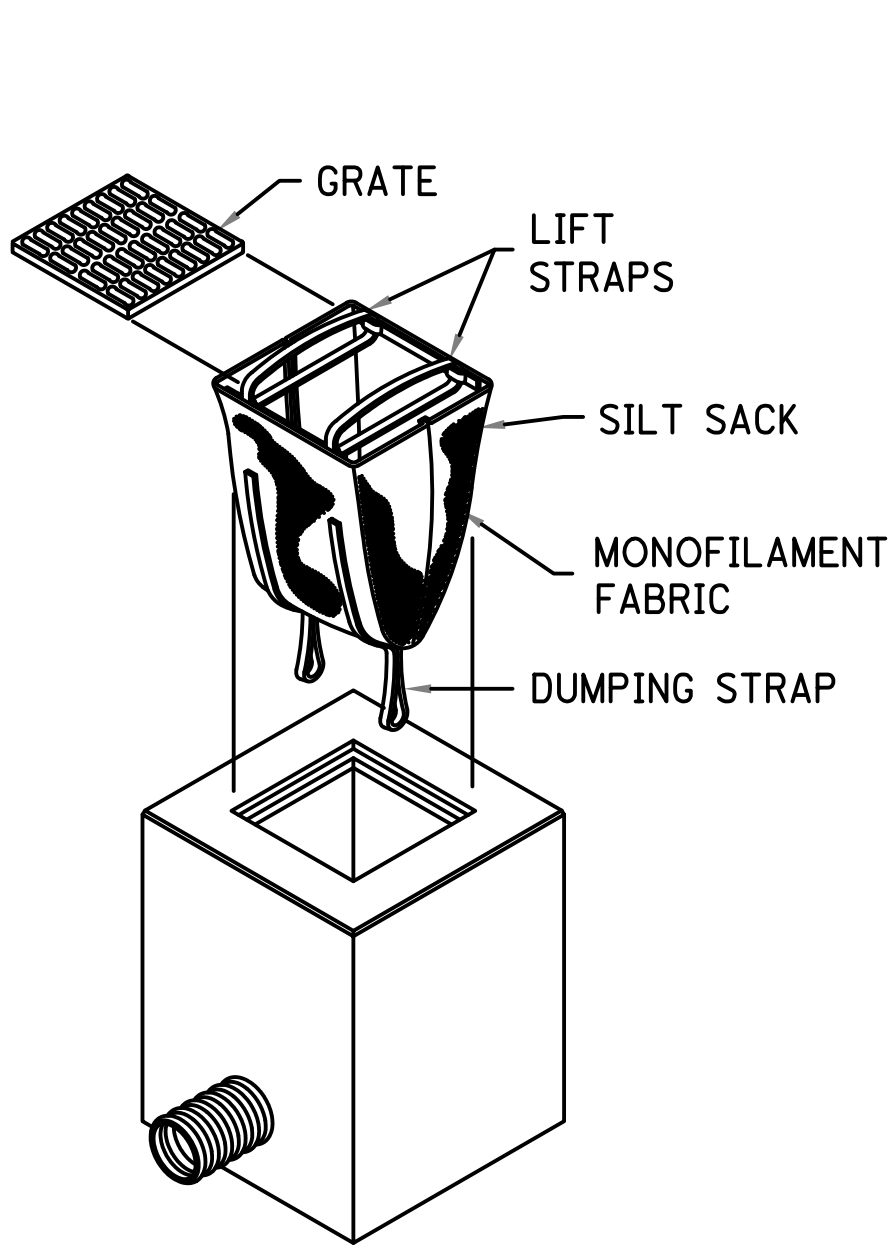
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER PRIOR TO ONSET OF WINTER WEATHER



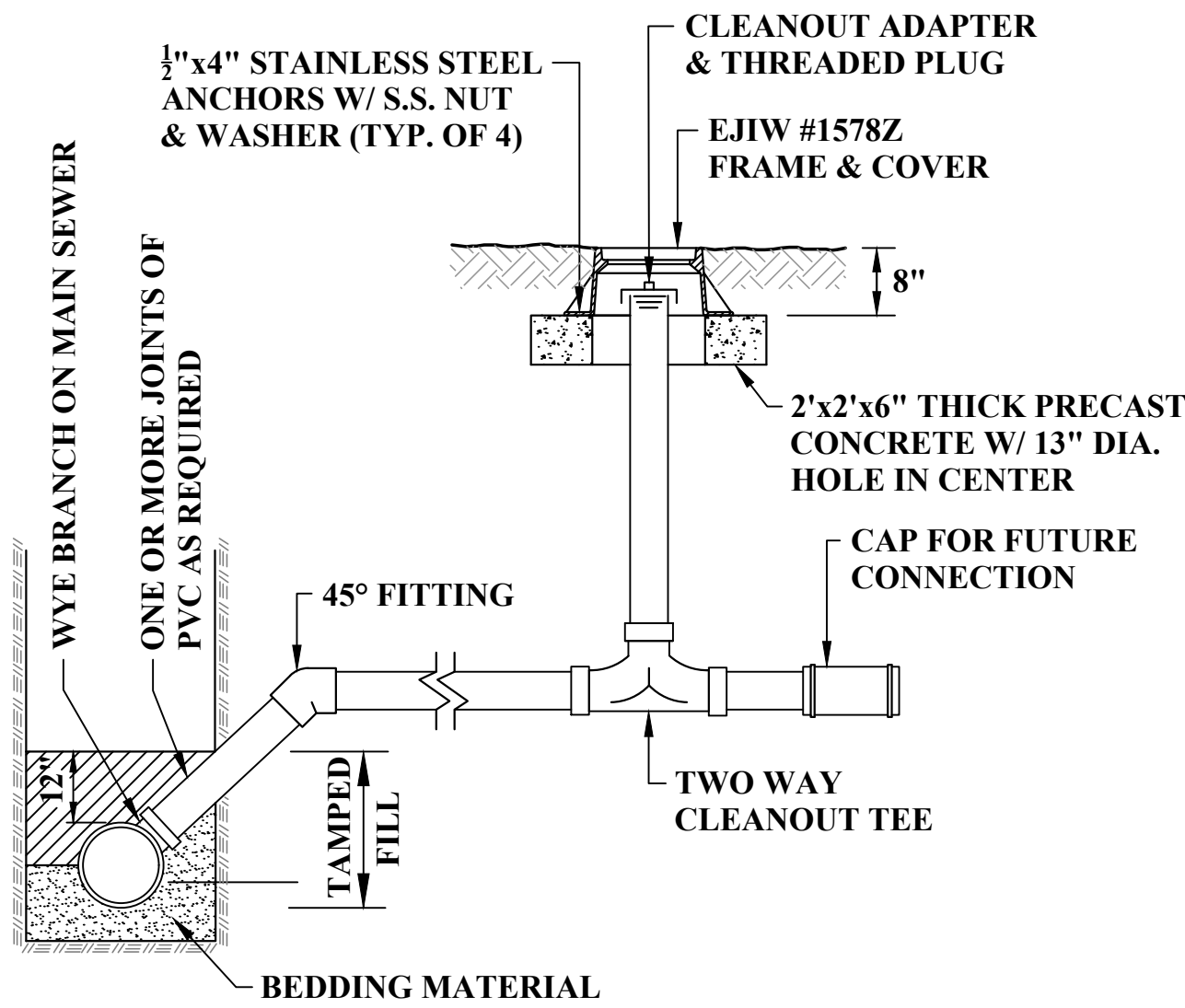
INLET PROTECTION DETAIL  
NOT TO SCALE



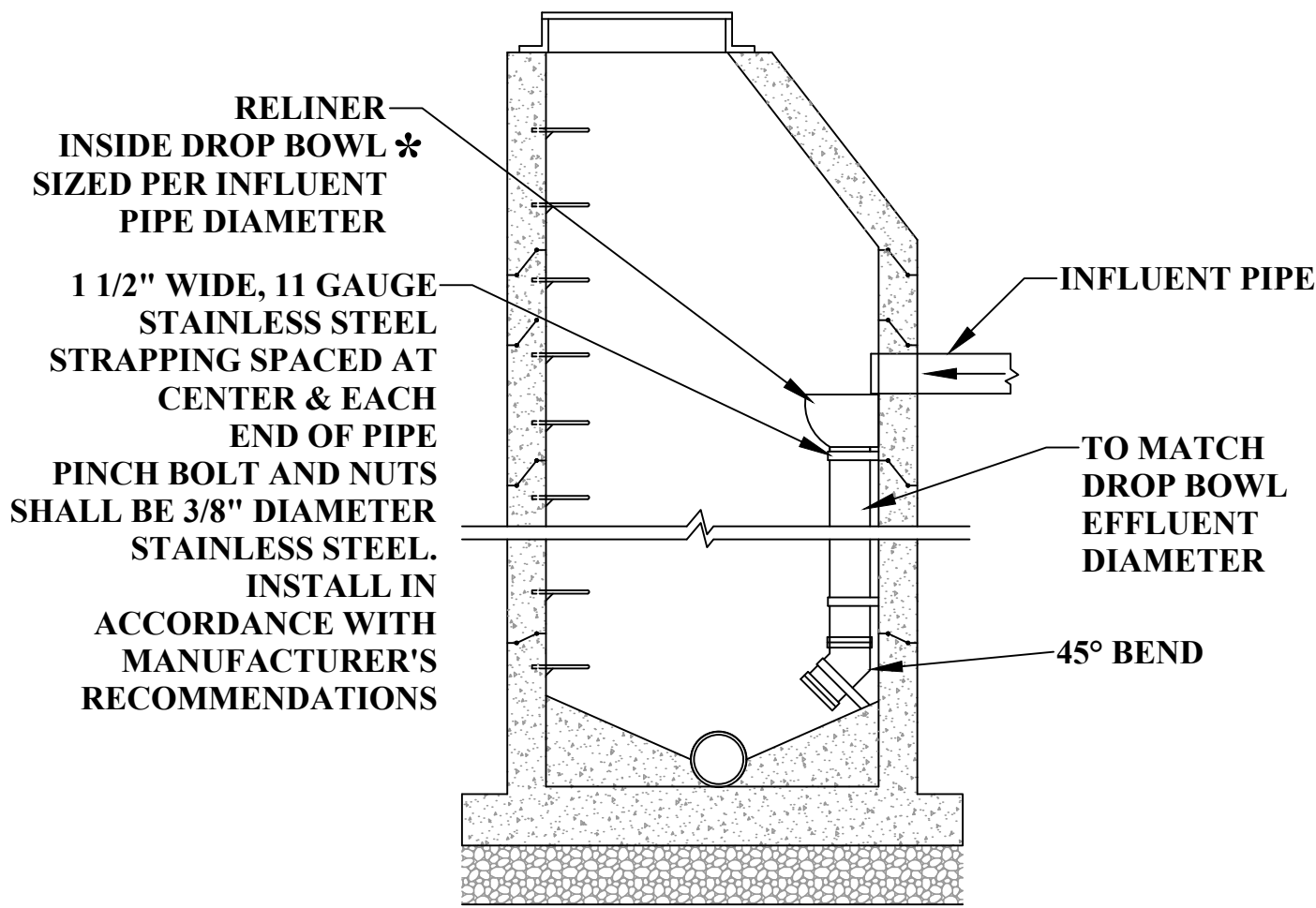
SILT FENCE DETAIL  
NOT TO SCALE



SILT SACK DETAIL  
NOT TO SCALE



SANITARY SEWER LATERAL  
NOT TO SCALE



| RELINER DESIGNATION * | INFLUENT LINE DIAMETER |
|-----------------------|------------------------|
| A-4                   | 6"                     |
| A-6                   | 8"                     |
| A-8                   | 10"                    |
| A-10                  | 12"                    |

INTERIOR DROP MANHOLE  
NOT TO SCALE

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| APPROVED: ----  | DATE: ----     |
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| SURVEY BY:      |                |
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| PHASE No.        |
| CONTRACT No.     |
| PROJECT No.      |
| <b>T20–11019</b> |

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| VILLAGE OF SCIO – HILLTOP & MAIN ST<br>SANITARY SEWER EXT |
| DETAILS – SEWER   |

SHEET No.

**D2**

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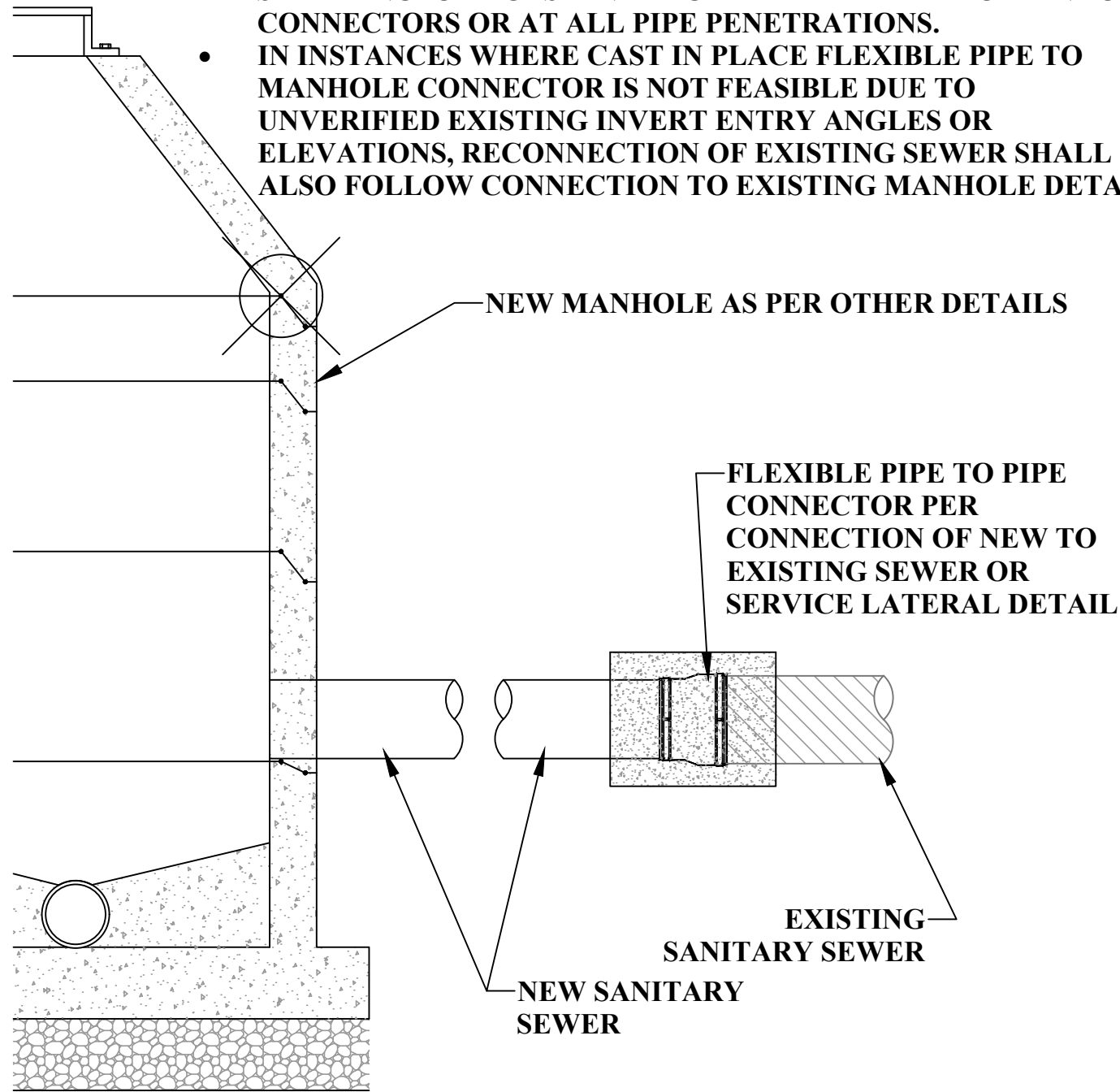
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USER: alexandra m. techko

NOTES:

- ALL MANHOLES SHALL BE PRECAST CONSTRUCTION, AND SHALL INCLUDE CAST IN PLACE FLEXIBLE PIPE TO MANHOLE CONNECTORS OR AT ALL PIPE PENETRATIONS.
- IN INSTANCES WHERE CAST IN PLACE FLEXIBLE PIPE TO MANHOLE CONNECTOR IS NOT FEASIBLE DUE TO UNVERIFIED EXISTING INVERT ENTRY ANGLES OR ELEVATIONS, RECONNECTION OF EXISTING SEWER SHALL ALSO FOLLOW CONNECTION TO EXISTING MANHOLE DETAIL.



**RECONNECTION OF EXISTING SEWER TO NEW MANHOLE DETAIL**  
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| NO. | BY  | DATE      |          | DESCRIPTION |

|                 |            |
|-----------------|------------|
| SCALE: ----     |            |
| DRAWN: ----     | DATE: ---- |
| CHECKED: ----   | DATE: ---- |
| APPROVED: ----  | DATE: ---- |
| SURVEY DATE:    |            |
| SURVEY BY:      |            |
| FIELD BOOK No.: |            |

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|                  |
|------------------|
| PHASE No.        |
|                  |
| CONTRACT No.     |
|                  |
| PROJECT No.      |
| <b>T20-11019</b> |

VILLAGE OF SCIO – HILLTOP & MAIN ST  
SANITARY SEWER EXT

DETAILS – SEWER

|           |
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| SHEET No. |
| <b>D4</b> |