

**TOWN OF BROOKFIELD, CONNECTICUT
WATER POLLUTION CONTROL AUTHORITY**

**DEAN AND POCONO ROADS SANITARY SEWER EXTENSION
CONTRACT NO. 2026-01**

**ADDENDUM NO. 1
May 29, 2026**

TO ALL PROSPECTIVE BIDDERS:

This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Contract Documents, Technical Specifications, Drawings, and/or previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

NOTES TO PROSPECTIVE BIDDERS

Receipt of Bids: By this Addendum, the **date and time for receipt of bids** are changed to **June 9, 2026 at 2:00 pm**. The location is unchanged. Refer to Item 1-5 below for modification to Section 001116.

PRE-BID CONFERENCE

ITEM 1-1 An optional pre-bid conference was held on May 12, 2026. Meeting agenda (2 pages) and sign-in sheet of meeting attendees (1 page) are included with this Addendum as Attachment No. 1.

QUESTIONS (Q) AND FOLLOW-UP ANSWERS (A)

ITEM 1-2 (Q) *What is the estimated construction budget?*

(A) Refer to the CT DEEP Draft Priority List for FY 2026-2027 located at <https://portal.ct.gov/deep/municipal-wastewater/financial-assistance-for-municipal-wastewater-projects>

ITEM 1-3 (Q) *What will the working hours for the project be?*

(A) Working hours will be limited to between the hours of 7:30 am and 7:30 pm, Monday through Friday as defined in Specification Section 011000, Paragraph 1.8-B. Additionally, refer to Item 1-7 below for clarification to Section 007300.

ITEM 1-4 (Q) *Will space be provided for soil handling and where will it be located?*

(A) Yes; limited space will be provided for soil handling at town-owned property at 100 Pocono Road. Refer to Item 1-11 below for clarification to Section 015000.

CHANGES TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

- ITEM 1-5** In INVITATION TO BID, Section 001116, in the first paragraph, DELETE the words “until 10:00 AM on Wednesday June 3, 2026” and REPLACE with the following: “until **2:00 PM on Tuesday June 9, 2026**”.
- ITEM 1-6** DELETE Section 004113, BID FORM, in its entirety and REPLACE with the revised Section 004113, BID FORM, included as Attachment No. 2. (Note clarifications on some manhole diameters and the addition of a new Allowance Item.)
- ITEM 1-7** In SUPPLEMENTARY CONDITIONS, Section 007300, Article 7 – CONTRACTOR’S RESPONSIBILITIES, on page 7, paragraph SC-7.03-D., DELETE the words “between the hours of 7:00 AM and 7:00 PM” and REPLACE with the words “between the hours of 7:30 AM and 7:30 PM”.
- ITEM 1-8** In SUPPLEMENTARY CONDITIONS, Section 007300, Article 18 – MISCELLANEOUS, on page 20 under PART 2 – FEDERAL AND STATE GOVERNMENT PROVISIONS – DELETE paragraph 1.4, Build America, Buy America Act Requirements in its entirety.
- ITEM 1-9** In SUMMARY, Section 011100, at the end of Paragraph 1.10-A, ADD the following:

“Brookfield WPCA (BWPCA) Rules and Regulations and Standard Details are located at <https://brookfieldwpca.org/about-us/rules-and-regulations/> and are considered incorporated into this contract where applicable.”
- ITEM 1-10** DELETE Section 012001, PRICE AND PAYMENT, in its entirety and REPLACE with the revised Section 012001, PRICE AND PAYMENT, included as Attachment No. 3.
- ITEM 1-11** In TEMPORARY FACILITIES AND CONTROLS, Section 015000, DELETE Paragraph 3.6-F in its entirety and REPLACE with the following:

“F. Storage and Staging: Provide temporary offsite area for storage and staging needs.
1. OWNER to provide an area of approximately 20,000 square feet (100’ x 200’) on town-owned property at 100 Pocono Road (behind the Brookfield Volunteer Fire Company building), for the purposes of Engineer’s and Contractor’s field offices and excavated soil management. Excavated soils must be tested and handled on a continuing basis, including removal of excess soil from the site weekly following receipt of testing results and confirmation of appropriate disposal facility. Contractor is responsible for additional storage and staging areas beyond what is available at that property.”

- ITEM 1-12** In EXCAVATION AND MANAGEMENT OF SOILS, Section 026110, following the end of Paragraph 1.2-I, ADD the following new paragraph:
- “J. The Contractor shall comply as necessary with the requirements of Section 22a-454 of the Connecticut General Statutes and the CT DEEP *General Permit to Act as a Contractor to Contain or Remove or Otherwise Mitigate the Effects of Certain Releases* (“Registered Existing Release Response Contractor”) dated October 2025 (as amended or updated).”
- ITEM 1-13** In EXCAVATION AND MANAGEMENT OF SOILS, Section 026110, following the end of Paragraph 1.5-B, ADD the following new paragraph:
- “C. Existing Release Response Contractor: Submit the company name (if different from the Contractor), address, telephone number, email, registration information, and DEEP approval of the Existing Release Response Contractor that is permitted by DEEP to contain, remove, or otherwise mitigate releases through the remediation of soil impacted by certain releases.”
- ITEM 1-14** In EXCAVATION AND MANAGEMENT OF SOILS, Section 026110, following the new Paragraph 1.5-C added above, RENAME subparagraphs C through I as D through J, respectively.
- ITEM 1-15** In EXCAVATION AND MANAGEMENT OF SOILS, Section 026110, following the end of Paragraph 3.3-J-3, ADD the following new paragraph:
- “K. Manage soil and maintain all documentation required by the CT DEEP *General Permit to Act as a Contractor to Contain or Remove or Otherwise Mitigate the Effects of Certain Releases* (“Registered Existing Release Response Contractor”).”

CHANGES TO CONTRACT DRAWINGS: GRAVITY SANITARY SEWER EXTENSION

- ITEM 1-16** At location H-1 on Drawing C-1, following the end of Note No. 4, ADD the following new note:
- “5. COMBINATION AIR VALVE MANHOLE SHALL BE 6-FT DIAMETER AND SHALL INCLUDE 4” x 2” UPWARDS-FACING DUCTILE IRON TEE, 2” BALL VALVE, 2” COMBINATION AIR VALVE AS SPECIFIED, PIPE SUPPORTS AND RESTRAINED TRANSITION COUPLINGS, SIMILAR TO BWPCA STANDARD DETAIL TITLED “DUAL AIR RELEASE VALVE MANHOLE, SECTION A-A.”

ITEM 1-17 At location H-3 on Drawing C-2, following the end of Note No. 4, ADD the following new note:

“5. COMBINATION AIR VALVE MANHOLE SHALL BE 6-FT DIAMETER AND SHALL INCLUDE 4” x 2” UPWARDS-FACING DUCTILE IRON TEE, 2” BALL VALVE, 2” COMBINATION AIR VALVE AS SPECIFIED, PIPE SUPPORTS AND RESTRAINED TRANSITION COUPLINGS, SIMILAR TO BWPCA STANDARD DETAIL TITLED “DUAL AIR RELEASE VALVE MANHOLE, SECTION A-A.”

ITEM 1-18 Drawing M-1, DEAN ROAD PUMPING STATION, PLAN AND SECTION: DELETE Drawing M-1 and REPLACE it with the revised Drawing M-1, included as Attachment No. 4.

CHANGES TO CONTRACT DRAWINGS: LOW-PRESSURE SANITARY SEWER EXTENSION

ITEM 1-19 At location D-4 on Drawing CD-2, DELETE Detail E, AIR AND VACUUM RELIEF VALVE MANHOLE, and REPLACE it with revised Detail E, AIR AND VACUUM RELIEF VALVE MANHOLE as shown in Sketch SK-1.1, included as Attachment No. 5.

END OF ADDENDUM NO. 1, CONTRACT NO. 2026-01

ATTACHMENT NO. 1
PREBID CONFERENCE AGENDA AND SIGN-IN SHEET

TOWN OF Brookfield, CT

Contract No. 2026-01

DEAN-POCONO AREA SANITARY SEWER EXTENSION AND PUMP STATION

PRE-BID CONFERENCE AGENDA

May 12, 2026 – 10:00 am

Brookfield WPCA, 53A Commerce Road Unit 1, Brookfield CT, 06804

1. Attendance: All Attendees must sign in with name and contact information
2. Introductions: Brookfield WPCA, CT DEEP, CDM Smith
3. Project Overview
 - a. Two-Part Bid Form: Bid on either or both
 - b. PART 1: Gravity Sewer and Pump Station
 - i. Approximately 8,800 linear feet of gravity sewer and 3,100 feet of force main
 - ii. Town Roads (Dean, Pocono, Silvermine)
 - iii. Service connection stubs to each property; grinder pumps for five
 - iv. Pump station including:
 1. Precast wet well and valve chamber
 2. New electric service, electric/control cabinets
 3. Diesel-driven generator
 4. Site work
 - v. Paving, site restoration, and miscellaneous work
 - c. PART 2: Low-pressure Sanitary Sewer
 - i. Approximately 9,200 linear feet of low-pressure sewer pipe
 - ii. Town Roads (Dean, Pocono, Silvermine)
 - iii. Service connection stubs and kits at each property
 - iv. Purchase of grinder pumps (duplex for municipal properties)
 - v. Paving, site restoration, and miscellaneous work
4. Project-Specific Bidding Items Note: Revised to Tuesday, June 9, 2026 at 2:00 pm via Addendum No. 1
 - a. Bids Due: **Wednesday, June 3rd, before 10:00 am**
 - i. WPCA; 53A Commerce Road Unit 1, Brookfield CT, 06804
 - ii. If mailed: include “BID ENCLOSED” on envelope
 - iii. Will be opened in the WPCA office
 - b. Questions Due: 12 days before Bid Opening - Friday May 22
 - c. Addenda: posted on CT Source site 5 days before Bid Opening - Friday May 29
 - d. Basis of Award: Lowest responsible and eligible bidder for *either* PART 1 OR PART 2
 - i. BWPCA to evaluate affordability and long-term costs
 - ii. Additive Alternate to be awarded at the discretion of the BWPCA

- e. Items Required to be Submitted with Bid
 - i. Completed Bid Form (PART 1, PART 2, or both) including Additive Alternate Item, Addenda Acknowledgement, Signatures
 - ii. Bid Bond
 - iii. Department of Administrative Services Prequalification Certificate (Sewer and Water Lines)
 - iv. Contractor Prequalification Update (Bid) Form
 - v. Clean Water Fund Memorandum 2019-003, DBE Certification, dated June 19, 2019

- 5. Contract Time:
 - a. 450 days for all work
 - b. Liquidated Damages \$1,500/day

- 6. CT DEEP / Clean Water Funding Items:
 - a. Prevailing Wage Rates: State and Federal
 - b. MBE 3%; WBE 5%
 - c. American Iron and Steel (AIS)
 - d. Build America, Buy America (BABA)
 - e. CT Department of Administrative Services Contractor Prequalification
 - f. Project Sign

- 7. Project-Specific Work Items
 - a. Safety – Contractor Responsible, Refer to General Conditions, Article 7.13)
 - b. Housekeeping and Respect for Residences and Businesses
 - c. Available Staging Area
 - d. Permitting
 - i. Local
 - ii. State/ CT DEEP
 - e. Restricted Soil Handling (Appendix B)
 - i. General Permit to Act as a Contractor to Contain, Remove, or Otherwise Mitigate the Effects of Certain Releases – “Registered Existing Release Response Contractor” (454 Permit)
 - f. NDDDB – Seasonal Restrictions (Appendix C)

- 8. Site Visit

Attendee Name	Affiliation	Mailing Address	Phone Number	Fax Number	E-Mail
Kristie Wagner	CDM Smith	101 E River Dr Ste 1A Hartford 06108	860-524-7615		WagnerK@cdmsmith.com
Carrington Henry	CDM Smith	101 E River Dr Ste 1A East Hartford 06108	860-808-2321		henrycm@cdmsmith.com
Ed Hellauer	Guerrera Construction	154 Christian St. Dorford, CT 06428	203-888-5069		edh@guerreraconstruction.com
CHAS KANE	BORNS CONST.	300 SPERRY RD. SPRINGFIELD, CT 06615	475-225-1989		CKANE@BORNSCONSTRUCTION.COM
GENE ZWICHAROWSKI	CJ Fucci Const	63 RUSSELL ST NEWHART CT 06513	203-410-1981		GENE.ZWICHAROWSKI@CJ.FUCCI.COM
TIM STRID	BWPCA		703-644-0629		Tim@brookfieldwpc.org
Roger Prinz	BWPCA		203-648-0331		Roger@Brookfieldwpc.org
Alison Kennedy	WPCA				alison@brookfieldwpc.org
Robin Ritzgers	DEEP				Robin.Ritzgers@CT.gov
Stacy Pappano	CT DEEP	79 Elm Street Hartford, CT 06106	860-424-3362		Stacy.pappano@ct.gov
ALISON CALDWELL	WPCA				

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ATTACHMENT NO. 2
SECTION 004113, BID FORM

BID FORM
TO

TOWN OF BROOKFIELD, CT WATER POLLUTION CONTROL AUTHORITY
DEAN AND POCONO ROADS SANITARY SEWER EXTENSION
CONTRACT NO. 2026-01

The undersigned declares that the only persons or parties interested in this Bid as principals are as stated; that the Bid is made without any collusion with other persons, firms, or corporations; that all the Contract Documents as prepared by CDM Smith, 101 East River Drive, Suite 1A, East Hartford, Connecticut 06108 and dated April, 2026 have been carefully examined; that the undersigned is fully informed in regard to all conditions pertaining to the Work and the place where it is to be done, and from them the undersigned makes this Bid. These prices shall cover all expenses incurred in performing the Work required under the Contract Documents, of which this Bid Form is a part.

If a Notice of Award accompanied by at least six unsigned copies of the Agreement and all other applicable Contract Documents is delivered to the undersigned within 180 days, after the actual date of the opening of the Bids, the undersigned will within five days, excluding Saturdays, Sundays, and legal holidays, after the date of receipt of such notification, execute and return all copies of the Agreement and all other applicable Contract Documents to OWNER. The premiums for all Bonds required shall be paid by CONTRACTOR and shall be included in the Contract Price. The undersigned Bidder further agrees that the Bid Security accompanying this Bid shall become the property of OWNER if the Bidder fails to execute the Agreement as stated above.

The undersigned hereby agrees that the Contract Time shall commence twenty days following the Effective Date of the Agreement and to fully complete the Work within 450 Calendar Days and in accordance with the terms as stated in the Agreement. The undersigned further agrees to pay OWNER, as liquidated damages, \$1,500 per day for each calendar day beyond the Contract Time Limit or extension thereof that the Work remains incomplete, in accordance with the terms of the Agreement.

The undersigned acknowledges receipt of addenda numbered:

Bidders may choose to propose on PART 1 – GRAVITY SANITARY SEWER EXTENSION AND PUMP STATION, OR PART 2 – LOW-PRESSURE SANITARY SEWER EXTENSION, OR BOTH PART 1 and PART 2. Refer to Instructions to Bidders, Section 002113, for information on the basis for Award of Contract.

In accordance with the above understanding, the undersigned proposes to perform the Work, furnish all materials and complete the Work in its entirety in the manner and under the conditions required at the prices listed as follows:

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
 DEAN AND POCONO ROADS SANITARY SEWER EXTENSION
 CONTRACT NO. 2026-01

Item No.	Estimated Quantity	Brief Description of Items <u>With Unit Price Bid in Words</u>	Unit Bid Price <u>in Figures</u>	Extended Amount <u>in Figures</u>
PART 1 – GRAVITY SANITARY SEWER EXTENSION AND PUMP STATION				
1.1a	5,700 lin. ft.	Furnish and install 8-in PVC sewer pipe including excavation and backfill, at depths up to 12-ft deep _____ per linear foot	\$ _____	\$ _____
1.1b	2,400 lin. ft.	Furnish and install 8-in PVC sewer pipe including excavation and backfill, at depths of 12-ft to 16-ft deep _____ per linear foot	\$ _____	\$ _____
1.1c	700 lin. ft.	Furnish and install 8-in PVC sewer pipe including excavation and backfill, at depths greater than 16-ft _____ per linear foot	\$ _____	\$ _____
1.1d	2,400 lin. ft.	Furnish and install 6-in PVC service laterals including excavation and backfill _____ per linear foot	\$ _____	\$ _____
1.1e	95 EA	Furnish and install lateral wye & cleanout _____ per each	\$ _____	\$ _____
1.1f	140 vert. ft.	Furnish and install 6-in DI chimneys including fittings _____ per vertical foot	\$ _____	\$ _____

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item No.	Estimated Quantity	Brief Description of Items With Unit Price Bid in Words	Unit Bid Price in Figures	Extended Amount in Figures
1.1g	3,100 lin. ft.	Furnish and install 4-in PVC force main pipe including excavation and backfill _____ per linear foot	\$ _____	\$ _____
1.2a	390 vert. ft.	Furnish and install 4-ft diameter precast concrete sewer manholes _____ per vertical foot	\$ _____	\$ _____
1.2b	60 vert. ft.	Furnish and install 5-ft diameter precast concrete internal drop manhole _____ per vertical foot	\$ _____	\$ _____
1.2c	20 vert. ft.	Furnish and install PVC internal drop connections including fittings, all types and sizes _____ per vertical foot	\$ _____	\$ _____
1.2d	2 EA	Furnish and install 6-ft diameter Combination Air Valve Manhole _____ per each	\$ _____	\$ _____
1.3a	5 EA	Furnish Packaged Simplex Sewage Grinder Pumping Units _____ per each	\$ _____	\$ _____

(Item 3b not used in PART 1)

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item No.	Estimated Quantity	Brief Description of Items With Unit Price Bid in Words	Unit Bid Price in Figures	Extended Amount in Figures
1.4a	L.S.	Furnish and Install Pumping Station with on-site generator including site work _____	\$ _____	\$ _____
		lump sum		
1.4b	Allowance	Reimbursable Expenses - for installation of electric service by utility company Twenty Thousand Dollars Allowance	\$ 20,000.00	\$ 20,000.00
1.5	50 cu. yds.	Test Pits _____	\$ _____	\$ _____
		per cubic yard		
1.6a	50 lin. Ft.	Miscellaneous drain pipe replacements, 12" to 24" diameter _____	\$ _____	\$ _____
		per linear foot		
1.6b	50 lin. Ft.	Miscellaneous drain pipe replacements, 30" to 40" diameter _____	\$ _____	\$ _____
		per linear foot		
1.7	25 cu. yds.	Rock and Boulder Excavation _____	\$ _____	\$ _____
		per cubic yard		
1.8	50 cu. yds.	Earth excavation and refill below normal grade _____	\$ _____	\$ _____
		per cubic yard		

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item No.	Estimated Quantity	Brief Description of Items <u>With Unit Price Bid in Words</u>	Unit Bid Price <u>in Figures</u>	Extended Amount <u>in Figures</u>
1.9a	7,000 ton	Handling, transportation and disposal of soils at a soil reclamation/reuse/recycling facility _____ per ton	\$ _____	\$ _____
1.9b	2,000 ton	Handling, transportation and disposal of regulated soils at an in-state or out-of-state landfill _____ per ton	\$ _____	\$ _____
1.9c	2,000 ton	Handling, transportation and disposal of regulated soils at a non-hazardous RCRA Subtitle D landfill _____ per ton	\$ _____	\$ _____
1.9d	100 ton	Handling, transportation and disposal of hazardous soils at a hazardous RCRA Subtitle C landfill _____ per ton	\$ _____	\$ _____
1.10a	100 cu. yds.	Common Fill _____ per cubic yard	\$ _____	\$ _____
1.10b	1,000 cu. yds.	Select Common Fill _____ per cubic yard	\$ _____	\$ _____
1.10c	200 cu. yds.	Screened gravel for utility crossings and miscellaneous purposes _____ per cubic yard	\$ _____	\$ _____

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
 DEAN AND POCONO ROADS SANITARY SEWER EXTENSION
 CONTRACT NO. 2026-01

Item No.	Estimated Quantity	Brief Description of Items <u>With Unit Price Bid in Words</u>	Unit Bid Price <u>in Figures</u>	Extended Amount <u>in Figures</u>
1.10d	2,200 cu. yds.	Processed Aggregate Base for pavement base _____	\$ _____	\$ _____
		per cubic yard		
1.11a	10,000 sq. yds.	Furnish, install and maintain trench width Pavement, 4-in thick _____	\$ _____	\$ _____
		per square yard		
1.12	L.S.	Traffic Management _____	\$ _____	\$ _____
		Lump sum		
1.13	L.S.	Miscellaneous Work and Cleanup _____	\$ _____	\$ _____
		Lump sum		
1.14	Allowance	Reimbursable Expenses – Traffic Control Officers <u>One Hundred Thousand Dollars</u> Allowance	\$ <u>100,000.00</u>	\$ <u>100,000.00</u>
1.15	Allowance	Reimbursable Expenses – Groundwater Testing and Treatment <u>Ten Thousand Dollars</u> Allowance	\$ <u>10,000.00</u>	\$ <u>10,000.00</u>
1.16	Allowance	Reimbursable Expenses – Pump Station Programming and Integration <u>Ten Thousand Dollars</u> Allowance	\$ <u>10,000.00</u>	\$ <u>10,000.00</u>

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item No.	Estimated Quantity	Brief Description of Items <u>With Unit Price Bid in Words</u>	Unit Bid Price <u>in Figures</u>	Extended Amount <u>in Figures</u>
PART 2 – LOW-PRESSURE SANITARY SEWER EXTENSION				
2.1a	1,600 lin. ft.	Furnish and install 2-in HDPE low-pressure sewer pipe including excavation and backfill		
		_____	\$ _____	\$ _____
		per linear foot		
2.1b	7,200 lin. ft.	Furnish and install 3-in HDPE low-pressure sewer pipe including excavation and backfill		
		_____	\$ _____	\$ _____
		per linear foot		
2.1c	400 lin. ft.	Furnish and install 4-in HDPE low-pressure sewer pipe including excavation and backfill		
		_____	\$ _____	\$ _____
		per linear foot		
2.1d	2,400 lin. ft.	Furnish and install 1.25-in HDPE service laterals including excavation and backfill		
		_____	\$ _____	\$ _____
		per linear foot		
2.1e	95 EA	Furnish and install low-pressure lateral connection including lateral kit		
		_____	\$ _____	\$ _____
		per each		

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
 DEAN AND POCONO ROADS SANITARY SEWER EXTENSION
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<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Brief Description of Items With Unit Price Bid in Words</u>	<u>Unit Bid Price in Figures</u>	<u>Extended Amount in Figures</u>
2.2a	6 EA	Furnish and install 5-ft diameter Flushing Manholes Including Pipe, Fittings, and Valves _____ per each	\$ _____	\$ _____
2.2b	4 EA	Furnish and install 5-ft diameter Air and Vacuum Valve Manholes Including Pipe, Fittings, and Valves _____ per each	\$ _____	\$ _____
2.3a	90 EA	Furnish Packaged Simplex Sewage Grinder Pumping Units _____ per each	\$ _____	\$ _____
2.3b	3 EA	Furnish Packaged Duplex Sewage Grinder Pumping Units _____ per each	\$ _____	\$ _____
<i>(Items 4 Not Used in PART 2)</i>				
2.5	50 cu. yds.	Test Pits _____ per cubic yard	\$ _____	\$ _____
2.6a	50 lin. Ft.	Miscellaneous drain pipe replacements, 12" to 24" diameter _____ per linear foot	\$ _____	\$ _____

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item No.	Estimated Quantity	Brief Description of Items With Unit Price Bid in Words	Unit Bid Price in Figures	Extended Amount in Figures
2.6b	50 lin. Ft.	Miscellaneous drain pipe replacements, 30" to 40" diameter _____	\$ _____	\$ _____
		per linear foot		
2.7	10 cu. yds.	Rock and Boulder Excavation _____	\$ _____	\$ _____
		per cubic yard		
2.8	50 cu. yds.	Earth excavation and refill below normal grade _____	\$ _____	\$ _____
		per cubic yard		
2.9a	4,500 ton	Handling, transportation and disposal of soils at a soil reclamation/reuse/ recycling facility _____	\$ _____	\$ _____
		per ton		
2.9b	1,500 ton	Handling, transportation and disposal of regulated soils at an in-state or out-of-state landfill _____	\$ _____	\$ _____
		per ton		
2.9c	1,500 ton	Handling, transportation and disposal of regulated soils at a non-hazardous RCRA Subtitle D landfill _____	\$ _____	\$ _____
		per ton		
2.9d	50 ton	Handling, transportation and disposal of hazardous soils at a hazardous RCRA Subtitle C landfill _____	\$ _____	\$ _____
		per ton		

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item No.	Estimated Quantity	Brief Description of Items <u>With Unit Price Bid in Words</u>	Unit Bid Price <u>in Figures</u>	Extended Amount <u>in Figures</u>
2.10a	50 cu. yds.	Common Fill _____	\$ _____	\$ _____
		per cubic yard		
2.10b	500 cu. yds.	Select Common Fill _____	\$ _____	\$ _____
		per cubic yard		
2.10c	200 cu. yds.	Screened gravel for utility crossings and miscellaneous purposes _____	\$ _____	\$ _____
		per cubic yard		
2.10d	1,600 cu. yds.	Processed Aggregate Base for pavement base _____	\$ _____	\$ _____
		per cubic yard		
2.11a	6,900 sq. yds.	Furnish, install and maintain trench width Pavement, 4-in thick _____	\$ _____	\$ _____
		per square yard		
2.12	L.S.	Traffic Management _____	\$ _____	\$ _____
		Lump sum		
2.13	L.S.	Miscellaneous Work and Cleanup _____	\$ _____	\$ _____
		Lump sum		

TOWN OF BROOKFIELD, CONNECTICUT WATER POLLUTION CONTROL AUTHORITY
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Item <u>No.</u>	Estimated <u>Quantity</u>	Brief Description of Items <u>With Unit Price Bid in Words</u>	Unit Bid Price <u>in Figures</u>	Extended Amount <u>in Figures</u>
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ADDITIVE ALTERNATE – FULL-WIDTH MILL AND OVERLAY PAVING

(May be added to either PART 1 or PART 2 at discretion of the OWNER)

ALT.11b	26,000 sq. yds.	Furnish and install full-width final pavement MILL AND OVERLAY		
		_____	\$ _____	\$ _____
		per square yard		

The undersigned agrees that extra work, if any, will be performed and will be paid for in accordance with Article 11 of the Conditions of the Contract.

Amounts shall be shown in both words and figures, where indicated. In case of discrepancy, the amount shown in words will govern. Discrepancies between unit prices and their respective total amounts will be resolved in favor of the unit prices.

The above prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance and incidentals required to complete the Work.

The names and residences of all persons and parties interested in the foregoing Bid as principals are as follows:

(Give first and last names in full. In the case of a corporation, see Article 8.3 of the Instructions to Bidders, in the case of a limited liability company [LLC], see Article 8.4 of the Instructions to Bidders, in the case of a partnership, see Article 8.5 of the Instructions to Bidders.)

The undersigned hereby certifies that he/she is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work.

The undersigned hereby certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this section, the word "person" shall mean any natural person, joint venture, partnership, corporation, or other business or legal entity.

Social Security Number
or Federal Identification
Number

Signature of Individual or
Corporate Name

By: _____
Corporate Officer
(if applicable)

Notice of acceptance should be mailed, faxed, or delivered to the following:

(Name)

By: _____
(Title)

(Business Address)

(City and State)

Date _____

If the Bidder is a corporation, indicate State of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses, if different from business address.

END OF SECTION 004113

ATTACHMENT NO. 3
SECTION 012001, PRICE AND PAYMENT

SECTION 012001 - PRICE AND PAYMENT

PART 1 - GENERAL

1.0 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.
- B. Bid Form includes Items in the Base Bid, PART 1 (Gravity) and PART 2 (Low-Pressure). Common Item numbering has been used across PART 1 and PART 2, as well as the additive alternate item, with any non-applicable items for each Part omitted. **Item numbers listed in this Section, below, correspond to the Bid Item for the PART 1 (1.x) or PART 2 (2.x) designation, unless otherwise noted.**

1.1 SEWER PIPE AND APPURTENANCES (Items 1.1a through 1.1g and 2.1a through 2.1e)

A. Measurement

- 1. Sewer and force main pipe of the type, size, and depth specified on the Bid Form (Items 1a through 1c and 1g) will be measured in place on a linear foot basis. Measurement for payment does not signify that the pipe is accepted.
- 2. Measurement of pipe for length will be along the horizontal centerline of the pipe with no deduction for fittings and will be to the center of manholes. Measurement for depth will be from the original ground surface, as determined by the Engineer, to the invert of the pipe. Measurement will be to the nearest tenth of a foot.
- 3. Service laterals (Items 1d) will be measured along the horizontal centerline of the pipe from either the face of the wye branch, or from the centerline of the chimney to the end of the pipe as laid.
- 4. Lateral wye branch connections and low-pressure laterals including lateral connection kits (Items 1e) will be measured as the number actually installed and accepted in the locations designated by the Engineer.
- 5. Chimneys (Items 1f) will be measured in vertical feet from the centerline of the sewer to the centerline of the service bell, as shown on the Drawings, but will not be less than 3 feet for each chimney.

B. Payment

- 1. Payment for furnishing and installing sewer and force main pipe will be made for the respective quantities as determined above at the unit price bid under Items 1a thru 1g on the Bid Form. This price and payment shall be full compensation for saw cutting, removing and disposing of existing pavement or sidewalk, trench excavation (except rock and boulder excavation); temporary trench support, including driving and removing sheeting and bracing; dewatering including obtaining, paying for and meeting the requirements of the applicable Connecticut DEEP dewatering and stormwater permits and registrations, removal, handling and disposal of excess excavated material (except regulated soils); backfilling and compaction (with native material or material imported under Item 10 when required), in-place field compaction testing, loaming and seeding or sodding, installing impervious dams, filter fabric, restoring the trench surface to grade, trench protection including daily backfilling unless temporary steel plating is specifically

permitted, all restoration required within the trench limits including replacement of disturbed curbing and sidewalk, protection or temporary removal and resetting of existing utilities including catch basins, pipes, conduits, duct banks, and electric poles, furnishing and installing pipe foundation bedding and initial backfill material (screened gravel or sand as specified), furnishing, laying, jointing, cleaning, and testing the pipe, joining including welded or restrained joints, mechanical joints where required, fittings; and all incidental work, environmental protection, and all else incidental thereto, for which separate payment is not provided under other items in the Bid Form.

2. Payment for furnishing and installing service connections will be made for the quantity as determined above at the unit price bid for Item 1d in the Bid Form. This price and payment shall be full compensation for, in addition to work items outlined above for sewer pipe Items 1a through 1g, furnishing and installing the service connection pipe together with all fittings required, capping and bracing open ends, furnishing and installing a wooden marker at the end of pipe, and all else incidental thereto for which separate payment is not provided under other items in the Bid Form.
3. Payment for furnishing and installing wye branches and cleanouts with curb boxes, and/or low-pressure lateral connection kits with ball and check valves and curb boxes will be made for the quantity as determined above at the unit price bid for each under Items 1e in the Bid Form, which price and payment shall be full compensation for the additional cost over and above that of sewer pipe, in addition to work items outlined above for sewer pipe Items 1a through 1g, for furnishing and installing the fittings, plugs or caps, coupling to the sewer pipe including cutting if necessary, tees and vertical pipe extensions, curb boxes, bedding and all else incidental thereto, for which separate payment is not provided under other items in the Bid Form. Payment under Items 1e shall include wye branches or connection kits installed for vacant lots, when directed by the Engineer.
4. Payment for furnishing and installing vertical chimneys will be made for the quantity in vertical feet as determined above at the unit price bid for Item 1f in the Bid Form. This price and payment shall be full compensation for furnishing and installing the pipe, fittings, sonotube and stone, end stopper, PVC/DI adapters and all else incidental thereto for which separate payment is not provided under other items in the Bid Form.
5. Payment will be made for pipe only when it is installed in the ground, and no so-called proportional payment shall be made for pipe on the site but not yet installed.
6. As specified in the Agreement, a percentage of the payment due for furnishing and installing pipeline may be retained on the partial payment requests until the pipeline is tested as specified herein.

1.2 PRECAST CONCRETE SEWER MANHOLES AND STRUCTURES (Items 1.2a through 1.2d and 2.2a through 2.2b)

A. Measurement

1. Measurement for payment of precast concrete sewer manholes and appurtenances (Items 1.2a through 1.2b) will be measured in vertical feet from the invert of the lowest pipe in the manhole to the top of the manhole frame as indicated on the Bid Form.
2. Internal drop manhole connections (Item 1.2c) will be measured in vertical feet from the upper invert of the drop to the lower invert of the drop, as shown on the Drawings, but will not be less than 3 feet for each drop connection.

3. Air Release Valve Manholes and Flushing Manholes (Items 1.2d, 2.2a and 2.2b) will be measured on a unit basis as the number actually installed and accepted in the locations designated by the Engineer.

B. Payment

1. Payment for furnishing and installing concrete sewer manholes will be made for the quantity as above determined at the unit price bid for Items 1.2a through 1.2b in the Bid Form. This price and payment shall be full compensation for saw cutting, removing and disposing of existing pavement or sidewalk, all excavation (excluding rock and boulder); temporary excavation support including furnishing, installing, and removing sheeting and bracing; dewatering including obtaining, paying for and complying with the requirements of applicable Connecticut DEEP dewatering and stormwater permits and registrations, removal, handling and disposal of excess excavated material (except regulated soils); bedding, backfilling and compaction (with native material or material imported under Item 10 when required), in-place field compaction testing; furnishing and installing precast concrete manhole bases and sections; pipe connections; manhole rungs; frames and covers as specified including cover imprinting; intermediate landings where required; testing; furnishing and installing foundation/subbase material; all forms, reinforcing, concrete and masonry materials; bricks, concrete grade rings or brick for elevation adjustment to grade, brick channels and shelves; flexible pipe repair couplings; all restoration including replacement of disturbed curbing and sidewalk; protection or temporary removal and resetting of existing utilities including catch basins, pipes, conduits, duct banks, and electric poles; environmental protection; and all else incidental thereto, for which separate payment is not provided under other items in the Bid Form.
2. Payment for furnishing and installing internal drop manhole connections will be made for the quantity in vertical feet as determined above at the price per vertical foot bid for Item 1.2c in the Bid Form. This price and payment shall be full compensation for furnishing and installing the fabricated bowls, PVC drop pipe, tees, all necessary fittings and braces, anchoring into manhole wall, and all else incidental thereto for which separate payment is not provided under other items in the Bid Form.
3. Payment for furnishing and installing Air Release Valve Manholes and Flushing Manholes will be made for the quantity as above determined at the unit price bid for Items 1.2d, 2.2a and 2.2b in the Bid Form. This price and payment shall be full compensation for furnishing and installing the precast concrete sewer manhole structures (as described for Items 1.2a and 1.2b above) as well as all piping, fittings, transition couplings, valves, bracing, anchoring and pipe supports, and all else incidental thereto, for which separate payment is not provided under other items in the Bid Form.

1.3 FURNISH PACKAGED SEWAGE GRINDER PUMPING UNITS (Items 1.3a, 2.3a and 2.3b).

A. Measurement

1. Measurement for furnishing packaged sewage grinder pumping units (Items 3a and 3b) will be the actual number of packaged sewage grinder pumping units furnished and delivered to the site.

B. Payment

1. Payment will be on a lump sum basis for each packaged sewage grinder pumping unit furnished and delivered to the site or to the specific location designated by the OWNER. Installation of units is not included in the scope of work. Payment will be made for the actual quantity as determined above at the unit prices in the Bid Form.

1.4 SUBMERSIBLE PUMPING STATION (Items 1.4a and 1.4b)

A. Measurement

1. Measurement for payment for furnishing and installing the submersible pumping station (Item 1.4a) shall be on a lump sum basis.
2. Measurement for installation of electric service by utility company (Item 1.4b) shall be reimbursement of the actual amount invoiced from the utility company, with no markup.

B. Payment

1. Payment for furnishing and installing the submersible pumping stations will be made at the lump sum price bid under Item 1.4a in the Bid Form, which price and payment shall be full compensation for furnishing all labor, equipment and materials required to construct the completely equipped submersible pumping station as shown on the Drawings and specified herein. Payment shall include site preparation, clearing and grubbing, installation of geotechnical instrumentation and monitoring, excavation (except rock and boulder), sheeting and bracing, dewatering including obtaining, paying for and complying with the requirements of applicable Connecticut DEEP dewatering and stormwater permits and registrations, protection of existing utilities, filter fabric on the excavation subgrade, removal, handling and disposal of excess excavated material (except regulated soils), furnishing, placing, compacting and grading bedding and backfill material (with native excavated material, structural fill, or select common fill as required), backfilling and grading to the final elevations shown on the Drawings and as directed by the Engineer, furnishing and installing the precast concrete wet well, valve vault structure, access hatches, frames and covers, sleeved penetrations, transition couplings, fittings and appurtenances, reinforced concrete foundation pad including steel reinforcing, precast concrete electrical superstructure, all electrical work, instrumentation, water service connections and appurtenant items, underground electrical conduit, emergency generator with diesel fuel tank and all other appurtenances as specified, motors, pumps, pump frames, braces and lifting mechanisms including hoists, all related piping, valves, fittings, pipe supports, vents, conduits, wiring, float switches, pump controls, control panel, alarm system, miscellaneous concrete, furnishing and installing yard hydrant, furnishing spare parts, shop testing, field testing as required, providing manufacturer's representative services, providing protection from flotation, connecting force main and sewers at the pumping station, steel bollards, loaming and seeding, trees and plantings, crushed stone, driveway and site paving, concrete pads and walkways, grading, plantings, site restoration, coordination with electric company, and all work or equipment required for or incidental to the satisfactory completion of this item that is not

paid for under other items in the Bid Form. Contractor shall obtain and pay for local Town of Brookfield building permit as applicable for the pump station.

2. Payment for Item 1.4b shall be direct full reimbursement for the actual invoiced cost by the electric company for installation of the new electric service to the pump station site. Contractor shall coordinate installation as part of Item 4a.

1.5 TEST PITS (Items 1.5 and 2.5)

A. Measurement

1. Test pits (Items 5) when ordered by the Engineer to determine utility locations or for other purposes will be measured in cubic yards in accordance with the following established volume rates:

<u>Test Pit Depth</u>	<u>Cu. Yds per vert. Ft.</u>
0 to 8 ft	1.5
Over 8 ft	2.0

B. Payment

1. Payment for test pits will be made for the quantity as determined above at the unit price bid for Item 5 in the Bid Form. This price and payment shall be full compensation for saw cutting, removing and disposing existing pavement, excavation (including hand excavation), exposing and obtaining both top and bottom elevations of existing utilities and/or structures, backfilling, compaction, restoring trench surface to grade, temporary pavement and all incidental work required to complete the test pits for which separate payment is not provided under other items in the Bid Form.

1.6 DRAIN PIPE REPLACEMENTS (Items 1.6a, 1.6b, 2.6a and 2.6b)

A. Measurement

1. Drain pipe replacements (Item 6) will be measured in linear feet between the cut ends of the existing pipe where ordered by the Engineer. Replacements may be ordered by the Engineer to address conflicts with new sewers and/or laterals. Pipes will be replaced with approved similar/like materials, PVC drain pipe, or as directed by the Engineer. Approved couplings/adaptors and/or concrete collars shall be used to connect new pipe to existing pipe, subject to approval of the Engineer. No compensation will be made for replacement of lines damaged or broken by the Contractor's operations.

B. Payment

1. Payment for the drain pipe replacements, when ordered by the Engineer, will be made for the quantity as determined above at the unit price bid for Item 6 in the Bid Form, which price and payment shall be full compensation for saw cutting existing pavement, excavation, temporary trench support, cutting the existing drain pipe, replacing the pipe

with similar/like materials or PVC drain pipe and appropriate couplings or adaptors to the existing drain, backfilling and compaction, and all else incidental thereto for which separate payment is not provided under other items in the Bid Form.

1.7 ROCK AND BOULDER EXCAVATION (Items 1.7 and 2.7)

A. Measurement

1. When rock is encountered, the material shall be uncovered and the Engineer notified. The Engineer will then take cross sections of the rock surface. If the Contractor fails to uncover the ledge, notify the Engineer and allow ample time for cross sectioning the undisturbed material, the Contractor shall have no right-of-claim to any classification other than that allowed by the Engineer. Removal of old concrete foundations, if any, shall be classified as rock.

2. Measurement of rock excavation in pipe trenches will extend to the limits as follows:

<u>Depth from Ground Surface to Invert of Pipe</u>	<u>Pay Width (Nominal Pipe Diameter)</u>	
	<u>0 to 24-in</u>	<u>over 24-in</u>
0 to 12-ft	5-ft-0-in	D + 3-ft-0-in
12-ft to 16-ft	7-ft-0-in	D + 5-ft-0-in
16-ft to 24-ft	8-ft-0-in	D + 5-ft-0-in

- a. Measured widths for depths over 24-ft shall be determined case-by-case consistent with the foregoing chart.
- b. Payment depth for rock which is encountered in a trench shall be no less than three feet when removal can be accomplished only by drilling and blasting or by use of jack (air or hydraulic) hammers.
- c. Payment for rock removed, using the same or equal equipment as utilized for normal trench excavation, shall be limited to the actual depth removed within the limits established by the contract documents.

- 3. Measurement for depth shall be from the top of the rock formation to the normal depth of the pipe as shown on the Drawings.
- 4. The pay limit for rock and boulder removal for manholes and structures shall commence one foot outside the widest dimension of the structure or shall be the maximum connecting trench width, whichever is greater. No allowance will be made for overbreakage.
- 5. Boulders and concrete structures exceeding 1 cu yd in volume when encountered in excavation will be measured for payment. Removal of boulders of whatever size will not be paid for when encountered in borrow areas.
- 6. The quantity of rock and boulder excavation to be paid for shall be the number of cubic yards of rock or boulders measured in place within the limits herein specified.

B. Payment

1. Payment for rock and boulder excavation will be made for the quantities as determined above at the unit price established for Item 7 in the Bid Form. This price and payment shall be full compensation for excavation and disposal of rock and boulder as specified, backfilling and providing suitable materials for any deficiency of trench backfill and all work incidental thereto, for which payment is not provided under other items in the Bid Form.

1.8 EARTH EXCAVATION AND REFILL BELOW NORMAL GRADE (Item 1.8 and 2.8)

A. Measurement

1. Measurement of earth excavation and refill below normal grade (Items 8) will extend only downward from the dimensions defining normal grade on the Drawings to a depth determined by the Engineer and for a width as defined above for rock excavation or as approved by the Engineer. Normal grade is defined as the bottom of the pipe trench/undisturbed earth in the sewer pipe trench detail.
2. If the trench bottom is below normal grade through error by the Contractor or if improper drainage softens the subgrade and additional excavation in the trench is required before laying the pipe, such removal and replacement of material will not be measured for payment.
3. No allowance will be made for shrinkage or compaction of gravel in place. Measurement by truck count will not be permitted.
4. Furnishing and placing screened gravel or other approved foundation material in accordance with the Specifications to replace excavation below normal grade is included in this work and will not be measured for payment under Item 10.

B. Payment

1. Payment for earth excavation and refill below normal grade will be made for the quantity as above determined at the price per cubic yard bid for Items 8 in the Bid Form which price and payment shall be full compensation for excavation and disposal of all materials below normal grade, furnishing, placing and compacting screened gravel and all other work incidental thereto for which separate payment is not provided under other items in the Bid Form.
2. No payment will be made under Items 10 for refill below normal grade.

1.9 TRANSPORTATION AND DISPOSAL OF REGULATED SOILS (Items 1.9a through 1.9d and 2.9a through 2.9d).

A. Measurement

1. Measurement of materials being transported from the site to a permitted soil reclamation/reuse/recycling facility, in-state or out-of-state landfill, non-hazardous RCRA Subtitle D landfill, or hazardous RCRA Subtitle C landfill shall be per ton

measured by scale at the receiving facility (certified weight slips) to the nearest 0.1-ton. Estimates of soil quantity in Bid Form are based on the Engineer's interpretation of the available soil characterization data. Quantity of soil at each Bid Item may vary in the field. Payment will be made for the actual quantity as determined above at the unit prices in the Bid Form.

B. Payment

1. Payment for handling, transportation and disposal of soils suitable for reuse at a soil reclamation/reuse/recycling facility will be made at the unit price bid for Items 9a on the Bid Form. Price and payment shall include all costs for health and safety provisions, disposal facility testing; submittals; soil handling, stockpiling, loading, transporting and disposal at a soil reclamation/reuse/recycling facility; coordinating with the Owner's LEP; preparing waste profiles and non-hazardous manifests; providing required documentation (letters to and from facilities); obtaining, paying for and complying with requirements of all applicable permits and registrations; and other incidental work to remove excavated soils and materials from the site. These costs shall include all Work required by the disposal facility to accept the material including Work to reduce the size and volume of the debris and screening.
2. Payment for handling, transportation and disposal of regulated soils at an in-state or out-of-state landfill will be made at the unit price bid for Items 9b on the Bid Form. The landfill may be lined or unlined. Price and payment shall include all costs for health and safety provisions, disposal facility testing; submittals; soil handling, stockpiling, loading, transporting and disposal at an in-state or out-of-state landfill; coordinating with the Owner's LEP; preparing waste profiles and non-hazardous manifests; providing required documentation (letters to and from facilities); obtaining, paying for and complying with requirements of all applicable permits and registrations; and other incidental work to remove excavated soils and materials from the site. These costs shall include all Work required by the disposal facility to accept the material including Work to reduce the size and volume of the debris and screening.
3. Payment for handling, transportation and disposal of regulated soils at a non-hazardous RCRA Subtitle D landfill will be made at the unit price bid for Item 9c on the Bid Form. Price and payment shall include all costs for health and safety provisions, disposal facility testing; submittals; soil handling, stockpiling, loading, transporting and reuse at a non-hazardous RCRA Subtitle D landfill; coordinating with the Owner's LEP; preparing waste profiles and non-hazardous manifests; providing required documentation (letters to and from facilities); obtaining, paying for and complying with requirements of all applicable permits and registrations; and other incidental work to remove excavated soils and materials from the site. These costs shall include all Work required by the disposal facility to accept the material including Work to reduce the size and volume of the debris and screening.
4. Payment for handling, transportation and disposal of hazardous soils at a RCRA Subtitle C landfill will be made at the unit price bid for Item 9d on the Bid Form. Price and payment shall include all costs for health and safety provisions, disposal facility testing; submittals; soil handling, stockpiling, loading, transporting and disposal at a RCRA Subtitle C landfill; coordinating with the Owner's LEP; preparing waste profiles and hazardous manifests; providing required documentation (letters to and from facilities); obtaining, paying for and complying with requirements of all applicable permits and registrations; and other incidental work to remove excavated soils and materials from the site. These costs shall include all Work required by the disposal facility to accept the material including Work to reduce the size and volume of the debris and screening.

5. No separate payment will be made for on-site handling, re-handling, screening and segregation of materials and soils by hand or mechanical means, reuse, filling, construction vehicle wheel wash, management, stockpiling, emission control measures, equipment, police details, dust monitoring, dust control, surveying, or other associated items.

1.10 GRANULAR FILL MATERIALS (Items 1.10a through 1.10d and 2.10a through 2.10d)

A. Measurement

1. Common fill and Select Common Fill (Items 10a and 10b), when its use is required and approved and when furnished, placed, and compacted for trench backfill (where native material does not meet specified requirements) and miscellaneous uses, will be measured in cubic yards at actual in-place dimensions as determined by the Engineer. When used in trenches, the payment limits shall not exceed the trench widths defined for rock. No allowance will be made for loss from consolidation of material. Truck measurement will not be permitted. No additional payment will be made under this item for use of excavated material and any surplus material generated from the construction of this project.
2. Screened gravel (Items 10c) used in conjunction with utility and drain crossings and at other locations when its use is ordered by the Engineer will be measured in cubic yards at actual in-place dimensions as determined by the Engineer. When used in trenches the payment limits shall not exceed the trench widths defined for rock. No allowance will be made for loss from consolidation of material. Truck measurement will not be permitted.
3. Processed Aggregate (Item 10d), when its use is approved and when furnished, placed and compacted for pavement subbase, and for miscellaneous uses will be measured in cubic yards at actual in-place dimensions as determined by the Engineer. When used for pavement subbase, the widths for payment shall not exceed those defined for initial trench pavement. No allowance will be made for loss from consolidation of material. Truck measurement will not be permitted. Excavated material which is used as pavement subbase will not be measured for payment.

B. Payment

1. Payment for furnishing and placing common fill, select common fill, screened gravel, and processed aggregate will be made for the quantities determined above at the respective prices bid for Items 10a through 10d in the Bid Form. This price and payment shall be full compensation for performing laboratory testing as specified, furnishing, hauling, placing, compacting the material, and all else incidental thereto for which separate payment is not provided under other items in the Bid Form.
2. Payment for screened gravel or sand used in pipe bedding and encasement of pipe will be included with the respective pipe items.
3. Payment for screened gravel used in subbase or bedding for manholes and pump station will be included under manhole and pump station items.
4. Payment for common fill materials to refill rock and boulder excavation will be included under the rock and boulder excavation items.
5. No payment will be made under Items 10 for refill material to replace any deficiency of imported backfill material.

1.11 PAVEMENT REPLACEMENT (Items 1.11a and 2.11a, and Additive Alternate Item 11b)

A. Measurement

1. Measurement for trench-width, 4-in thick hot mix asphalt (HMA) bituminous pavement (Items 11a) will be in square yards as actually placed, but not exceeding the limits shown on the Detail sheets in the Drawings.
2. Measurement for permanent pavement restoration (Alternate Item 11b), if authorized, including milling and overlay of the entire road width, will be in square yards as actually placed at the total pavement thickness of 2 inches.
3. Measurements shall be horizontally centered along the center of the pipe.

B. Payment

1. Payment for 4-in thick HMA bituminous initial trench-width pavement complete in place and approved by the Engineer, will be made for the quantity determined above at the unit price bid for Items 11a in the Bid Form. This price and payment shall be full compensation for a second cutting of the entire trench after completion of pipe installation and backfilling, cleaning and priming the edges of the existing pavement with tack coat, cleaning and preparing the surface of the aggregate base, furnishing, placing (on a weekly basis at a minimum), and maintaining the initial pavement for a period of 6 months after Substantial Completion, including removing and repaving areas where the trench has settled more than 1.5 inches, applying temporary pavement markings where required, including labor, materials, and all else incidental thereto for which payment is not provided under other items in the Bid Form.
2. Payment for permanent pavement restoration, milling and overlay of the entire road, will be made for the quantity as above determined at the unit price bid for Alternate Item 11b in the Bid Form, milling the road surface to a minimum depth of 2 inches; priming the edges of pavement and tack coat; furnishing, placing and compacting HMA courses, and applying bitumen tack coat, hot poured rubberized asphalt sealer; infra-red pavement repairs; resetting all castings as needed to match finished grade; applying permanent pavement thermoplastic markings; and performing all finishing work and all else incidental thereto for which separate payment is not provided under other items in the Bid Form.
3. Payment under Items 11a and 11b shall include all costs of furnishing, storing and applying water or calcium chloride as required for dust control.
4. If the thickness of pavement or subbase ordered placed by the Engineer is greater than that specified, payment will be prorated on the basis of the thickness of material actually ordered placed. No payment will be made for any additional pavement or sub-base not specifically ordered in writing by the Engineer.

1.12 TRAFFIC MANAGEMENT (Items 1.12 and 2.12)

A. Measurement

1. Measurement for all work required to coordinate traffic control systems, and to comply with the traffic management plans (Items 12), shall be on a lump sum basis.

B. Payment

1. Payment of the lump sum price bid for traffic management (Items 12) shall be full compensation for all labor, materials, equipment and incidentals required to prepare, submit, revise and implement Traffic Management Plans as specified; furnish, install, maintain and remove all temporary traffic management and control devices, including signs, barrels, lights, barriers, and boards as shown on the Drawings and as specified herein, complying with all requirements of the Town, coordinate with Work by Others, and all incidental work for which separate payment is not provided under other items in the Bid Form.

1.13 MISCELLANEOUS WORK AND CLEANUP (Item 1.13 and 2.13)

A. Measurement

1. Miscellaneous work and cleanup shall be measured on a lump sum basis.

B. Payment

1. Payment of the lump sum price bid in the Bid Form for Item 13 Miscellaneous Work and Cleanup, shall be full compensation for furnishing all labor, materials, and equipment required to do all related work of this Contract as specified, or as shown on the Drawings including providing all erosion and sedimentation controls, temporary facilities, site cleanup and restoration, compliance with all applicable regulations, permits and registrations including permit preparation and fees, and any other miscellaneous work not specifically included for payment under any other item in the Bid Form, but obviously necessary to complete the Contract including miscellaneous work specified in section 017300 "Execution." Partial payments shall be based on the breakdown of the schedule of values.

1.14 REIMBURSABLE EXPENSES – TRAFFIC CONTROL OFFICERS (Items 1.14 and 2.14), GROUNDWATER TESTING AND TREATMENT (Items 1.15 and 2.15), PUMP STATION PROGRAMMING AND INTEGRATION (Item 1.16), AND SANITARY SEWER SERVICE CONNECTIONS AND SEPTIC ABANDONMENT AT TOWN-OWNED PROPERTIES (Items 1.17 and 2.17)

A. Measurement and Payment

1. Measurement and Payment for Reimbursable Expenses associated with Police or Traffic Control Officers (Items 14) will be based on the actual amount invoiced from the police department or traffic control agency, with no markup. This item is intended to include direct reimbursement of actual traffic control personnel costs only; contractor's incidental labor required to schedule and coordinate with traffic control agencies is not reimbursable and shall be included in the other applicable bid items. At Project closeout, credit unused amounts remaining in the Allowance for Reimbursable Expenses allowance to Owner by Change Order.

2. Measurement and Payment for Reimbursable Expenses associated with Groundwater Testing and Treatment (Item 15), if required, will be made under this Item if contaminated groundwater is encountered and is deemed to require treatment based on groundwater sampling and analysis and/or based on the requirements of the applicable Connecticut DEEP groundwater remediation permits.

Measurement and payment for all labor, materials, and equipment related to pre-construction groundwater sampling and analysis; preparing, filing and obtaining all required construction stormwater and dewatering permits from the Connecticut DEEP; the design, furnishing, installing, operation and removal of dewatering system and dewatering treatment system for suspended solids removal and pH adjustment; permit fees; and all costs, labor, materials, and equipment incidental thereto shall be included in Item Nos. 1, 2, and 4 of the Bid Form and will not be considered for payment under this Allowance.

Claims for project delay based on the need and/or scope of the additional dewatering contaminated groundwater treatment per Bid Item No. 15 will not be considered for payment.

Payment for treatment of groundwater dewatering system discharge for parameters other than suspended solids or pH will be made based on actual costs as determined by treatment system subcontractor/vendor invoices and/or other substantiated documentation of expenses. All documentation shall be subject to the approval of the Engineer. Price and payment shall be full compensation for furnishing all labor, materials, and equipment required to complete the Work as specified including designing, furnishing, installing, operating, maintaining and removing the required temporary portable groundwater treatment system; furnishing and installing all associated piping, valves and appurtenances not required for suspended solids removal or pH adjustment; sampling and laboratory testing to comply with Connecticut DEP permit(s); disposing of spent carbon or other treatment system materials; furnishing replacement treatment materials; disposal of collected product; system cleaning, decontamination and removal; and all costs, labor, materials, and equipment incidental thereto for which separate payment is not provided under other items.

3. Measurement and Payment for Reimbursable Expenses associated with Pump Station Programming and Integration (Item 1.16) will be based on the actual amount invoiced from the BWPCA's system integrator, with no markup. This item is intended to include direct reimbursement of actual pump station control system programming and integration with BWPCA's remote monitoring systems. including the first-year's subscription fee to Mission Communications LLC. Contractor's incidental labor required to schedule and coordinate with system integrator is not reimbursable and shall be included in the other applicable bid items. At Project closeout, credit unused amounts remaining in the Allowance for Reimbursable Expenses allowance to Owner by Change Order.
4. Measurement and Payment for Reimbursable Expenses associated with Sanitary Sewer Service Connections and Septic Abandonment at Town-Owned Properties (Items 1.17 and 2.17) will be made for actual costs associated with construction of sewer service connections and septic system abandonment costs at Town-owned properties within the project area, if authorized. The scope and unit prices for this work will be in accordance with relevant unit prices included in this Bid, or determined in accordance with Article 13 of the General Conditions, and will be agreed to and authorized in writing prior to commencement of work. At Project closeout, credit unused amounts remaining in the Allowance for Reimbursable Expenses allowance to Owner by Change Order.

1.15 MOBILIZATION (Item 1.18 and 2.18)

A. Measurement

1. Measurement for payment of mobilization costs shall be on a lump sum basis but the cost shall not exceed 5 percent of the Base Bid Price, excluding this item.

B. Payment

1. Payment of the lump sum price bid in the Bid Form for Item 18 shall be full compensation for all costs associated with initiating the Contract, exclusive of the cost of materials. Payment shall include compensation for all insurance, bonds, site preparation, and in general the costs associated with establishing the work on site to assure that it is proceeding in a continuous manner.

1.16 EXTRA WORK

- A. Extra work, if any, will be performed in accordance with Article 11 of the General Conditions and will be paid for in accordance with the provisions of Article 13 of the General Conditions.

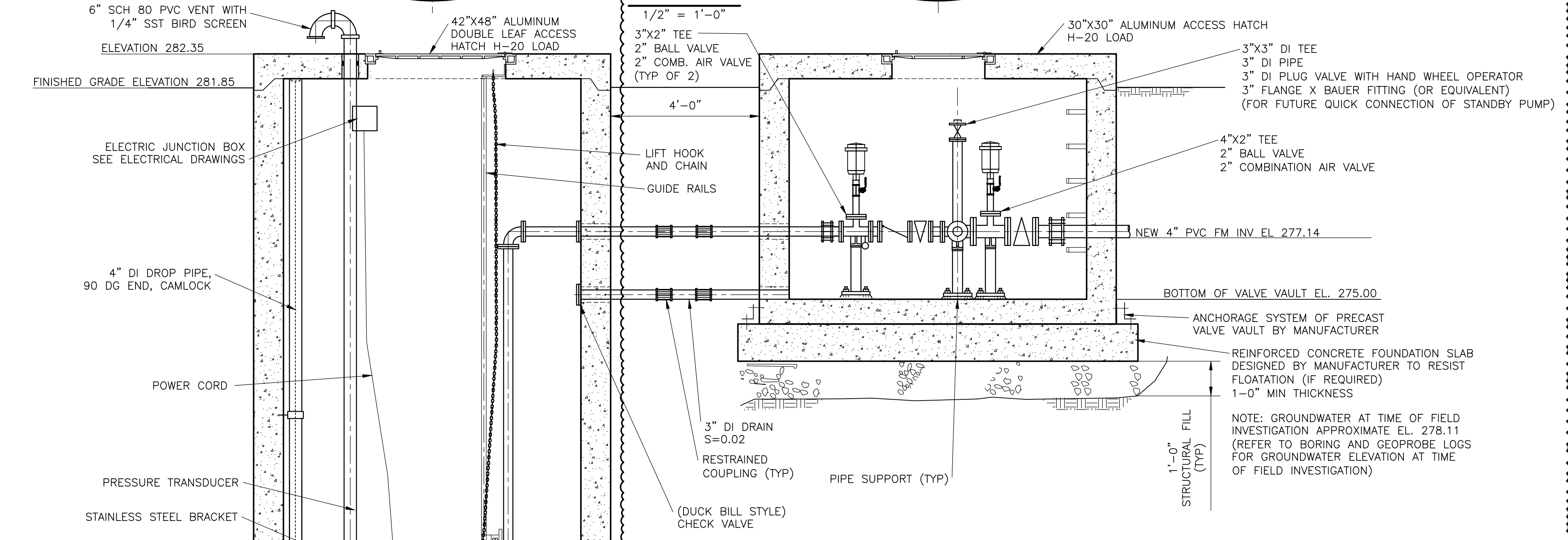
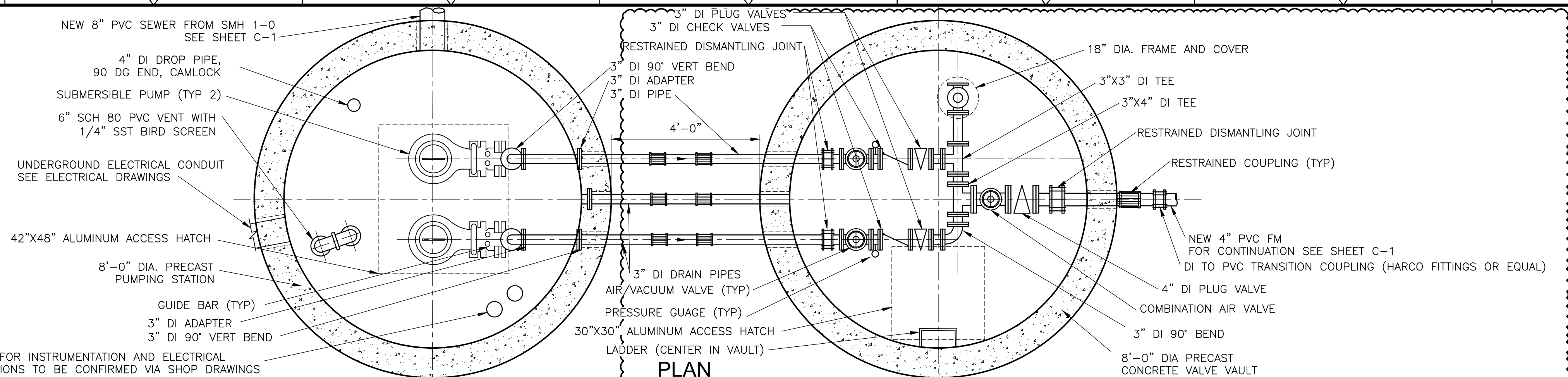
PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 012001

ATTACHMENT NO. 4
REVISED DRAWING M-1,
GRAVITY SANITARY SEWER EXTENSION

XREFS: [CDMS 2234] Images: [Jaz, Wagner Kristie CT PE Stamp]
 Last saved by: ENGELSB Time: 5/26/2026 3:55:22 PM
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FINISH GRADE	EL. = 281.85
8" PVC SEWER FROM SMH 1-0	INV. EL. = 262.40
4" DI FORCE MAIN	INV. EL. = 277.14
HHWLA (HIGH-HIGH WATER ALARM, FLOAT)	EL. = 262.40
HWLA (HIGHWATER ALARM, FLOAT)	EL. = 261.90
HWL (TRANSDUCER, PUMP ON)	EL. = 261.40
LWL (TRANSDUCER, PUMP OFF)	EL. = 260.40
LWLA (PUMPS 1 & 2 OFF AND ALARM, FLOAT)	EL. = 259.90
PUMP STATION FLOOR	EL. = 258.00

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/26	SE	KGW	REVISED PER ADDENDUM 1

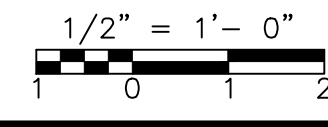
DESIGNED BY: A. WELDON
 DRAWN BY: A. WELDON
 SHEET CHK'D BY: K. WAGNER
 CROSS CHK'D BY: D. MURPHY
 APPROVED BY: K. WAGNER
 DATE: APRIL 2026



BROOKFIELD, CONNECTICUT
 DEAN AND POCONO ROADS
 GRAVITY SANITARY SEWER EXTENSION

DEAN ROAD PUMPING STATION
 PLAN AND SECTION
 SHEET NO. M-1

PROJECT NO. 261865-269061
 FILE NAME: M001PSPS.DWG
 SHEET NO. M-1



ATTACHMENT NO. 5
SKETCH SK-1.1, REVISION TO DRAWING CD-2,
LOW-PRESSURE SANITARY SEWER EXTENSION

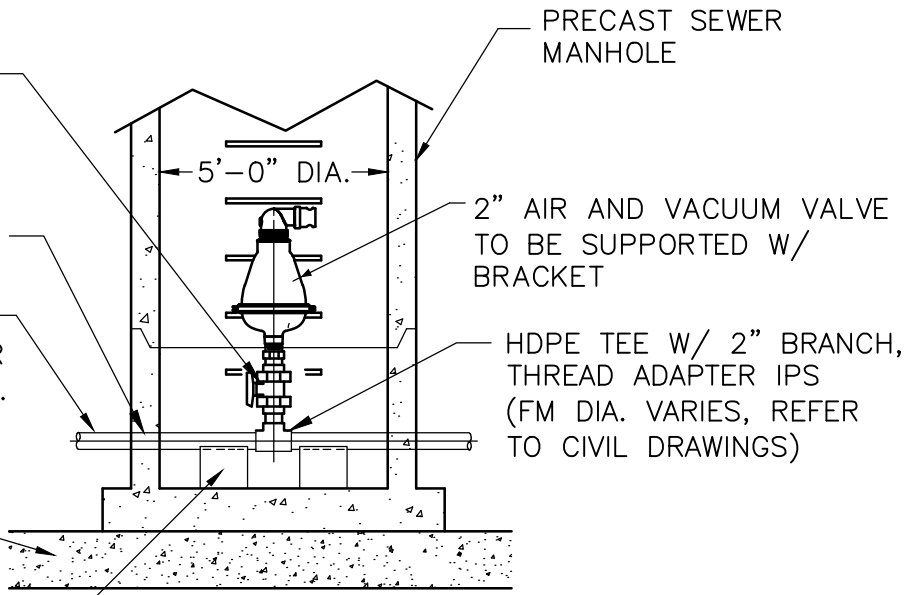
2" IPS PVC TRUE UNION BALL VALVE

KOR-N-SEAL OR LINK SEAL PIPE PENETRATION (TYP)

HDPE FORCE MAIN (DIA. VARIES, REFER TO CIVIL DRAWINGS).

1'-0" GRAVEL BEDDING.

CONCRETE PIPE SUPPORT W/ PIPE ANCHOR STRAP



PRECAST SEWER MANHOLE

2" AIR AND VACUUM VALVE TO BE SUPPORTED W/ BRACKET

HDPE TEE W/ 2" BRANCH, THREAD ADAPTER IPS (FM DIA. VARIES, REFER TO CIVIL DRAWINGS)

NOTE:
TEE BRANCH AND VALVE SIZES TO BE CONFIRMED DURING SHOP DRAWING SUBMITTAL PROCESS.

AIR AND VACUUM RELIEF VALVE MANHOLE

DETAIL

NTS

