

**Greater New Haven Water Pollution Control Authority
Protecting the Environment**



PROJECT: 2024 Collection System Assessment and CIPP Lining Rehabilitation

PROJECT NUMBER: SSR 2024-01

**BID OPENING: 10:00 A.M.
Wednesday
December 20, 2023**

**NOT FOR BIDDING PURPOSES
REFERENCE COPY ONLY**



**GREATER NEW HAVEN
WATER POLLUTION CONTROL AUTHORITY
260 EAST STREET
NEW HAVEN, CT 06511
PHONE: 203.466.5280 FAX: 203.772.2027
WEB: WWW.GNHWPCA.COM
EMAIL: ENGINEERING@GNHWPCA.COM**

EMERGENCY NUMBER: 203-466-5260

Greater New Haven Water Pollution Control Authority
2024 Collection System Assessment and CIPP Lining Rehabilitation
Project No. SSR 2024-01

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BIDDER'S CHECKLIST

At a minimum, the following separate documents shall be completed and submitted with each bid:

1. Itemized Proposal
2. Bid Bond
3. Statement of Qualifications

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Greater New Haven
Water Pollution Control Authority

INVITATION

for Constructing

PROJECT: 2024 Collection System Assessment and CIPP Lining Rehabilitation

GNHWPCA PROJECT NO. SSR 2024-01

Sealed bids will be received at the Office of the Director of Finance and Administration of the Greater New Haven Water Pollution Control Authority located at 260 East Street, New Haven, Connecticut 06511 for the **2024 Collection System Assessment and CIPP Lining Rehabilitation PROJECT (SSR 2024-01)** until **10:00 AM on Wednesday, December 20, 2023**, at which time and place said bids will be opened publicly or via video conference and read aloud.

The purpose of the proposed project is to rehabilitate approximately 5,600 feet of sanitary sewer pipes built prior to 1900. The size of the proposed sewers varies from 20" x 30" brick sewers to 54" brick sewers. The project is located in downtown New Haven, along Derby Avenue, Canner Street, East Street, Kensington Street, Edgewood Avenue, and Congress Avenue.

The information for Bidders, Proposal, Form of Contract, and Specifications may be examined at the Office of the Construction Administrator at the above address. Anyone submitting a bid for this project must have in their possession a copy of **THE GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY STANDARD SPECIFICATIONS dated September 2017**. The document can be obtained upon payment of One Hundred Dollars (\$100.00). The plans and a "bid package" containing the Invitation; Proposal; Plans; Special Specifications and Notes can be obtained upon payment of a non-refundable fee of Fifty Dollars (\$50.00). Documents may be mailed or picked up by appointment only at 260 East Street, New Haven.

There will be a non-mandatory **pre-bid video conference meeting on Friday, December 8, 2023 at 10:00 AM** to be hosted by the Greater New Haven Water Pollution Control Authority – Engineering Department. All registered Bidders will receive an email in advance with additional pre-bid meeting instructions.

A certified check or bid bond in the amount of **fifteen percent (15%)** of the total bid amount must accompany the bid. Said checks or bid bonds will be returned to the unsuccessful bidders upon Award of the Contract to the selected firm and execution of the Agreement. If any bid is not accompanied by a bid bond or check at the specified time for the bid opening, the incomplete bid will not be read, and this action will constitute automatic rejection of the bid.

The successful bidder will be required to furnish a performance bond and a labor and materials payment bond in the form as attached to the Bid Documents for the amount of the total bid. A certified check cannot be substituted for either bond. The Greater New Haven Water Pollution Control Authority reserves the right to alter quantities and to accept or reject any or all bids or any portion of any bids, for any or no reason, including unavailability of appropriated funds as it may deem to be in its best interests.

All bidders are to note that the award of this Contract is subject to the following conditions and contingencies:

1. The approval of such governmental agencies as may be required by law.
2. The appropriation of adequate funds by the proper agencies.

Gabriel Varca
Director of Finance and Administration

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1. Location of GNHWPCA Offices

The GNHWPCA Administration Building is located at 260 East Street, New Haven, Connecticut 06511. All references in the Standard specifications to the Office of the Director of Finance and Administration shall refer to the address above.

2. Liquidated Damages

For each calendar day that any work remains uncompleted after the date specified for the completion of the work provided in the Contract, the amount of FIVE HUNDRED DOLLARS (\$ 500.00) per calendar day will be deducted from any money due the Contractor, not as a penalty but as liquidated damages; provided, however, that due account shall be taken of any adjustment of the contract time of completion of the work as provided for elsewhere in the specifications.

3. Scope of Work

The Greater New Haven Water Pollution Control Authority manages, operates and maintains the wastewater treatment and collection system that serves the City of New Haven, and the Towns of East Haven, Hamden and Woodbridge, Connecticut.

Contractor shall become familiar with all sections of the **GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY STANDARD SPECIFICATIONS dated September 2017**, General Provisions, and Technical Specifications. The Standard Specifications are hereby made a part of the Contract Documents. Any other item of work not covered under the Technical Specifications, its design or installation shall conform to the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 817, as amended.

The purpose of this project is to rehabilitate approximately 5,600 feet of sanitary sewer pipes built prior to 1900. The size of the proposed sewers varies from 20"x30" brick sewers to 54" brick sewers. The areas chosen for this contract are prioritized based on location and in addition the Engineering Department is also focusing on rehabilitating areas that have already been separated – old combined-sewer areas, built prior to 1900, where we also find a great number of abandoned storm lateral connections that were not properly plugged. Based on our experience in separated sewer areas, there are a great number of private yard drains and roof leaders still connected to the sanitary sewer laterals of individual buildings. During construction, Contractor shall take into consideration the impact of peak wet weather flows for bypass purposes. The project is located

in downtown New Haven, along Derby Avenue, Canner Street, East Street, Kensington Street, Edgewood Avenue, and Congress Avenue. The proposed rehabilitation technology to be used is Cured-in-place pipe (CIPP) lining. Sewer bypass work will be required, and access to the manholes (manhole modifications) may be required for the large diameter sewers.

The Contractor shall perform all work as necessary including preparatory cleaning, pre and post television inspections, sanitary sewer bypass, and CIPP lining in accordance with this document and the GNHWPCA Standard Specifications.

The Contractor shall be required to protect all adjoining property, all utilities and existing Roadway facilities within the Right-of-Way/Site and to repair or replace any such properties, utilities and facilities damaged or destroyed by them or their employees in performing the Work, both within and adjacent to the Right-of-Way/Site.

4. Notice to Contractors

Section 107-01: The Contractor shall observe all federal, state and local laws, ordinances, policies, practices and regulations. In addition, the Contractor agrees to promptly procure all necessary approvals, licenses and permits, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the Work.

The Contractor will be required to cooperate with all other contractors and the owners of the various utilities in and around the Site and to coordinate and arrange the sequence of their work to conform with the progressive operations of such other work. Cooperation and adjustments with the Contractors already engaged and to be engaged upon the Site is essential to properly coordinate the construction efforts of all Contractors, Utility Owners, and Subcontractors engaged in the Work within and adjacent to the construction area of this Project.

The contractor shall be responsible for executing a City of New Haven Road Opening Permit before beginning construction. The contractor shall contact the City Traffic Department, to provide traffic control plans/detours/road closure information and obtaining the City of New Haven Road Opening Permit for execution of the work. Copies of the executed permit shall be forwarded to the GNHWPCA. The contractor shall provide all necessary traffic control and police protection. There are no CTDOT State Roads in this project.

Point Repairs (if any) will be fixed by the Authority. Contractor shall provide the exact location and limits of the point repair to the Engineer.

5. Notice to Contractors – Sequence of Work

The Authority does not have a current CCTV inspection of the sewer pipes to be rehabilitated. The Contractor shall coordinate with the Authority the execution of the cleaning/pre-lining CCTV inspection work prior to the start of CIPP lining work.

The Contractor shall submit to the Engineer a copy of the cleaning/pre-lining CCTV inspection DVDs of all pipe segments within two (2) days of completing the pre-lining CCTV inspection work for that particular segment.

6. Water Use

The Authority has been granted an “Emergency Condition” approval from the South Central Connecticut Regional Water Authority (RWA) to allow the Authority’s Contractor to obtain water from hydrants in the vicinity of the project. It shall be the responsibility of the Contractor to comply with all permits conditions and requirements established by the RWA for the use of such hydrants.

A hydrant permit must be obtained from the Fire Department. Once this permit is obtained, a hydrant meter and backflow preventer can be obtained from RWA. RWA requires a deposit of \$1,000.00 for a 3” hydrant meter and backflow preventer. The Contractor shall be responsible for installing and uninstalling the meter on a daily basis to prevent freezing and damage of the hydrant and other equipment. The Contractor must guarantee that the fire hydrant is left drained overnight. The meter will be read upon its return to RWA at the completion of the project. The usage will be deducted from the deposit, and a check will be mailed for any refund due. If the usage is greater than the deposit, a bill will be sent to the Contractor for the balance due.

All costs associated with water used to complete the project shall be included in the contract unit price for Cured-In-Place Pipe Lining.

7. Modification of General Provisions, Section §107-06 Insurance

The Contractor is required to take out and maintain at its sole cost and expense insurance of the types specified in Section §107-06.

A. The Umbrella Excess Liability Insurance limits for this project have been modified as follows:

Each Occurrence	\$5,000,000
-----------------	-------------

8. Modification of General Provisions, Section §109-15 Maintenance Bond

The guarantee period for CIPP lining projects is three (3) years. First sentence on Section §109-15 Maintenance Bond shall be modified to read: “... and in a

form acceptable to the Authority guaranteeing their work and the performance of the guarantee period CCTV inspection for a period of three (3) years from the date of final acceptance by the Authority.”

9. Call-Before-You-Dig

Public Act 87-71 of the Connecticut State statute requires individuals who use power or mechanized equipment for the purpose of disturbing the sub-surface of the earth to provide advance notice of **at least 48 hours** to the "Call Before You Dig" central clearinghouse @ 1-800-922-4455 prior to commencing proposed excavations (see Section VIII for definition of excavation/excavator).

Call Before You Dig, Inc., (CBYD) is a state regulated, nonprofit organization comprised of all public utilities and municipalities within the state of Connecticut.

The Contractor assumes all responsibilities for any damage to the various utility services, and all liabilities arising there from.

10. New Section §109-16 Allowance Procedure

New Section §109-16 Allowance Procedure is added to the GNHWPCA Standard Specifications, General Provisions.

Bid allowances are included in base bids as estimates for work that will be completed under the base construction contract, but the exact costs or scope are indeterminate at the time of bid. These amounts are later adjusted to actual costs once the work is completed.

Allowances shall be specifically included and listed on the schedule of bid items.

Treatment of mark-ups for allowances is as follows:

- Allowances are a part of the base contract work; no additional mark-up is credited to the contractor for work performed within the allowance by the contractor or any subcontractor.
- Work performed in excess of an allowance is subject to normal general contractor mark-ups in accordance with the Contract General Provisions, Section §109-04 Extra and Force Account Work.

11. Modifications to Item 516 Temporary Bypass Pumping Systems

Construction Details Section B.7 replace the last sentence with the following:

The cost for individual building bypasses including the licensed plumber(s), special investigation(s), plumbing modifications, excavations, bypass pumps, equipment, labor, and all work incidental to or necessary for the completion of all individual bypass shall be included in the lump sum price for Item 516 Temporary Bypass Pumping Systems. The costs of excavation work as part of individual

building bypasses, approved by the Engineer, will be paid under Item 516.1 Individual Building Bypass Excavation.

§ 102-17 PREQUALIFICATION

A State of Connecticut DAS prequalification certificate is NOT required for this project.

Contractors shall submit a completed Statement of Qualifications form with their bid.

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STATEMENT OF QUALIFICATIONS

Bidder

Address

Similar Projects Completed by Bidder:

1. NAME OF PROJECT: _____
OWNER: _____ ADDRESS: _____
DATE STARTED: _____ DATE COMPLETED: _____
APPROX. QUANTITIES OF MAJOR ITEMS: _____

VALUE OF CONTRACT: _____
2. NAME OF PROJECT: _____
OWNER: _____ ADDRESS: _____
DATE STARTED: _____ DATE COMPLETED: _____
APPROX. QUANTITIES OF MAJOR ITEMS: _____

VALUE OF CONTRACT: _____
3. NAME OF PROJECT: _____
OWNER: _____ ADDRESS: _____
DATE STARTED: _____ DATE COMPLETED: _____
APPROX. QUANTITIES OF MAJOR ITEMS: _____

VALUE OF CONTRACT: _____
4. OTHER PROJECT REFERENCES: _____

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§ 102-20

ITEMIZED PROPOSAL

For Constructing

PROJECT: 2024 Collection System Assessment and CIPP Lining Rehabilitation

GNHWPCA PROJECT NO. SSR 2024-01

The work proposed herein must be completed by June 30, 2024.

Greater New Haven
Water Pollution Control Authority
260 East Street
New Haven, Connecticut 06511

To Whom It May Concern,

In submitting this bid the duly authorized undersigned declares that the entity on behalf of which this bid is made is, or they are, the only person or persons interested in the said bid; that the bid is made without any connection with any person making another bid for the same contract; that the bid is in all respects fair and without collusion, fraud or mental reservation; and that no official of the Greater New Haven Water Pollution Control Authority, or any person in the employ of the Authority is directly or indirectly interested in said bid or in the supplies or work to which it relates, or in any portion of the profits thereof.

The undersigned also hereby declares that they have, either for themselves or on behalf of the entity they represent, carefully examined the Plans, specifications, and form of Contract for this Project, have personally inspected the actual location of the Work and have considered potential local sources of supply, and are satisfied as to all the quantities and conditions and understands that in signing this Proposal they or the entity that they represent waives all rights to plead any misunderstanding regarding the same.

The undersigned further understands and agrees that they are to furnish and provide for the respective item price bid all the necessary material, machinery, implements, tools, labor, services, and other items of whatever nature, and to do and perform all the Work necessary under the aforesaid conditions, to complete the improvements of the Project, which Plans and specifications it is agreed are a part of this Proposal, and to accept in full compensation therefore the amount of the summation of the products of the approximate quantities multiplied by the unit prices bid. This summation will hereinafter be referred to as the gross sum bid.

The undersigned further agrees to accept the aforesaid unit bid prices in compensation for any additions or deductions caused by any variation in quantities due to more accurate measurement, or by any changes or alterations in the Plans or specifications

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of the Work and for use in the computation of the value of the Work performed for monthly estimates.

Every Proposal must be accompanied by a certified check or bank cashier's check or bid bond payable to the Greater New Haven Water Pollution Control Authority in the amount of fifteen percent (15%) of the bid.

Accompanying this Proposal is a certified check or bank cashier's check or bid bond payable to the Greater New Haven Water Pollution Control Authority in the amount of \$_____. In case this Proposal shall be accepted by the Authority, and the undersigned shall fail to execute the Contract, the monies represented by such certified check or bank cashier's check or bid bond shall be regarded as liquidated damages and shall be forfeited and become the property of the Authority. The undersigned understands and accepts:

- A. When Work is required in which no specific payment item is listed on the Proposal Form, the cost of such Work shall be included in the unit prices bid.
- B. All unit prices, lump sums, etc. listed in the bid Proposal are firm and not subject to change for ninety (90) days from the day bids are opened.
- C. Within ten (10) days from the date of a notice of acceptance of this Proposal, the undersigned agrees to execute the Contract and to furnish to the Authority a satisfactory "Faithful Performance Bond" and "Labor and Material Payment Bond" in the amount of one hundred percent (100%) of the Contract price.
- D. Time is of the Essence. All Work to be performed under the Contract shall be completed within the time stated in the Agreement for the Project or within such extended time for completion as may be granted by the Authority.
- E. ~~As a condition of the Contract Award, the successful Bidder shall provide proof, from the Connecticut Secretary of State's office, of its current authorization to do business in Connecticut. All Connecticut corporations must provide a Certificate of Good Standing from the Secretary of State's Office. All foreign (out of State) corporations shall provide a valid license to do business in Connecticut, in the form of a current Certificate of Authority from the Secretary of State's office and evidence of compliance with the bond requirements of the Connecticut Department of Revenue Services. These documents must be presented within thirty (30) days from the date of the bid opening.~~

Bidder acknowledges receipt of the Addenda listed below and further acknowledges that the provisions of each Addendum have been included in the preparation of this bid.

Addendum No.	Date Received	Addendum No.	Date Received
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

COMPANY NAME (BIDDER): _____

Address of Bidder: _____

Phone Number: Area Code (_____) _____

I hereby sign this document acting within my authority as a duly authorized representative of the named Bidder. By signing below, I certify, acknowledge, and affirm that the information set forth in this document is true, accurate and complete to the best of my knowledge and belief.

Signature of Bidder: _____ **Dated:** _____

Name and Addresses of Members of the Firm:

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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
205	1	Allow.	Allowance Trench Excavation and Backfill For - Thirty Thousand Dollars and No Cents	\$ 30,000	00	\$ 30,000	00
407	1	Allow.	Allowance Bituminous Concrete Trench Repair Class 2, Thickness 4 inches For - Thirty Thousand Dollars and No Cents	\$ 30,000	00	\$ 30,000	00
516	1	LS	Lump Sum Sanitary Sewer Flow Control and Bypass Pumping For -				
516	1	Allow.	Allowance Individual Building Bypass Excavation For - Fifty Thousand Dollars and No Cents	\$ 50,000	00	\$ 50,000	00
518.01.11	1185	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 20x30" Sewer For -				
518.01.12	502	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 30x40" Sewer For -				
518.01.13	1241	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 30x45" Sewer For -				
518.01.14	824	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 35x52" Sewer For -				

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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
518.01.15	2401	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 48" Sewer For - _____ _____	_____	_____	_____	_____
518.01.16	450	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 54" Sewer For - _____ _____	_____	_____	_____	_____
520.01.11	1185	LF	Linear Foot 20x30" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____
520.01.12	502	LF	Linear Foot 30x40" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____
520.01.13	1241	LF	Linear Foot 30x45" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____
520.01.14	824	LF	Linear Foot 35x52" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____
520.01.15	2401	LF	Linear Foot 48" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____

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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
520.01.16	450	LF	Linear Foot 54" Sanitary Sewer CIPP Lining For - _____ _____	_____	_____	_____	_____
520.10	171	EA	Each Re-establish House Service Connections For - _____ _____	_____	_____	_____	_____
520.11.1	30	EA	Each Cut Protruding (Clay/Plastic/DI/CI/CONCRETE) (Falls) For - _____ _____	_____	_____	_____	_____
522.11	1185	LF	Linear Foot Sanitary Sewer CCTV Inspection, 20x30" Sewer For - _____ _____	_____	_____	_____	_____
522.12	502	LF	Linear Foot Sanitary Sewer CCTV Inspection, 30x40" Sewer For - _____ _____	_____	_____	_____	_____
522.13	1241	LF	Linear Foot Sanitary Sewer CCTV Inspection, 30x45" Sewer For - _____ _____	_____	_____	_____	_____
522.14	824	LF	Linear Foot Sanitary Sewer CCTV Inspection, 35x52" Sewer For - _____ _____	_____	_____	_____	_____

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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
522.15	2401	LF	Linear Foot Sanitary Sewer CCTV Inspection, 48" Sewer For - _____ _____	_____	_____	_____	_____
522.16	450	LF	Linear Foot Sanitary Sewer CCTV Inspection, 54" Sewer For - _____ _____	_____	_____	_____	_____
970	1	Est.	Estimate Trafficperson For - One Hundred Thousand Dollars and No Cents	\$ 200,000 . 00		\$ 200,000 . 00	
971	1	LS	Lump Sum Maintenance and Protection of Traffic For - _____ _____	_____	_____	_____	_____
975	1	LS	Lump Sum Mobilization (Max. 3% of Total Cost) For - _____ _____	_____	_____	_____	_____

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BASE BID
TOTAL OR GROSS SUM IN WORDS: _____ \$ _____
IN FIGURES

Signature of Bidder: _____ Dated: _____

Printed Name: _____

Name of Firm: _____

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APPENDIX A

PERFORMANCE BOND

AND

LABOR AND MATERIALS PAYMENT BOND

GNHWPCA PROJECT NO. SSR 2024-01

BOND NO. _____

PAYMENT BOND (incorporating C.G.S. § 49-41)

KNOW ALL MEN BY THESE PRESENTS: That by this Bond, we, _____ (hereinafter called the "Principal") and _____ (hereinafter called the "Surety"), located at _____, a surety insurer chartered and existing under the laws of the State of _____ and authorized to do business in the State of Connecticut, are held and firmly bound unto the Greater New Haven Water Pollution Control Authority (hereinafter called "Owner") in the sum of _____ (\$ _____) for the payment whereof we bind ourselves, our heirs, personal representatives, executors, successors and assigns, jointly and severally.

WHEREAS, Principal and the Owner have reached a mutual agreement (hereinafter referred to as the "Contract") for the purpose of _____, said Contract being made a part of this Bond by this reference.

NOW, THEREFORE, THE CONDITION OF THIS BOND is that if the Principal:

1. Promptly makes payments to all claimants supplying the Principal with labor, materials or supplies, as used directly or indirectly by the Principal in the prosecution of the work provided for in the Contract; and
2. Pays the Owner for all losses, damages, expenses, costs, and attorneys' fees, including the costs of any mediation, arbitration, litigation or appellate proceedings, that the Owner sustains because of a default by the Principal under paragraph 1 of this Bond, then this Bond is void; otherwise this Bond remains in full force and effect.

BE IT FURTHER KNOWN:

Any changes in or under the Contract and compliance or noncompliance with formalities connected with the Contract or alterations which may be made in the terms of the said Contract, or in the work to be done under it, or the giving by the Owner of any extension of time for the performance of the said Contract, or any other forbearance on the part of the Owner or Principal to the other, shall not affect the obligation of the Principal and the Surety, or either of them, their heirs, personal representatives, successors or assigns under this Bond, notice to the Surety of any such changes, alterations, extensions or forbearance being hereby waived.

This Bond is issued in accordance with and expressly incorporates herein the requirements of Conn. Gen. Stat. § 49-41.

IN WITNESS WHEREOF, the above parties have executed this instrument this ____ day of _____, 20__, the name of each party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Signed, sealed and delivered in the presence of:

Witnesses as to Principal:

PRINCIPAL:

By: _____

Name: _____

Its: _____

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 20__ by _____, as _____ of _____, a _____ [corporation/limited liability company /partnership], on behalf of the _____ [corporation/limited liability company/partnership]. [He/She] is personally known to me or who has produced _____ as identification and who [did] [did not] take an oath.

My Commission Expires: _____

Notary Public (Signature)

(AFFIX NOTARY SEAL)

(Printed Name)

(Title or Rank)

(Serial Number, if any)

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ATTEST:

SURETY:

Witnesses as to Surety:

(Printed Name)

(Business Address)

(Authorized Signature)

(Printed Name)

OR

Witnesses as to Attorney-in-Fact:

As Attorney-in-Fact
(Attach Power of Attorney)

(Business Address)

(Printed Name)

(Telephone Number)

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STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 20__
by _____, as _____ of _____, a Surety, on behalf of the
Surety. [He/She] is personally known to me or who has produced _____ as
identification and who [did] [did not] take an oath.

My Commission Expires:

(AFFIX NOTARY SEAL)

Notary Public (Signature)

(Printed Name)

(Title or Rank)

(Serial Number, if any)

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PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That _____ as Principal, and _____, as Surety, located at _____ (Business Address), a surety insurer chartered and existing under the laws of the State of _____ and authorized to do business in the State of Connecticut, are held and firmly bound unto the Greater New Haven Water Pollution Control Authority, as Obligee, in the sum of _____ (\$_____) for the payment whereof we bind ourselves, our heirs, executors, personal representatives, successors and assigns, jointly and severally.

WHEREAS, Principal has entered into a contract dated as of the _____ day of _____, 20__ with Obligee for

in accordance with drawings and specifications, which contract is incorporated by reference and made a part hereof, and is referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS BOND is that of Principal:

1. Performs the Contract at the times and in the manner prescribed in the Contract; and
2. Pays Obligee any and all losses, damages, expenses, costs, direct or indirect, and attorney's fees, including costs of any mediation, arbitration, litigation or appellate proceedings, that Obligee sustains because of any default by Principal under the Contract, including, but not limited to, all delay damages, whether liquidated or actual, incurred by Obligee;

then this Bond is void; otherwise it remains in full force and effect and Surety shall be fully liable for performance of the Principal's obligations provided thereunder.

In the event of a declaration of default of Principal by Obligee under the Contract, the Surety shall, within twenty (20) days of receipt of notice of such default, either: (1) tender the Obligee the full amount of the penal sum of this Bond; or (2) undertake to perform or complete the remaining Contract obligations itself through its agents or through independent contractors.

If Surety denies liability, in whole or in part, it shall notify the Obligee, in writing, citing the detailed reasons therefor, within fifteen (15) days of receipt of the aforesaid declaration of default of Principal.

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The Surety, for value received, hereby stipulates and agrees that no changes, extensions of time, or additions to the terms of the Contract, or other work to be performed hereunder, or the specifications referred to therein shall in anyway affect its obligations under this Bond, and it does hereby waive notice of any such changes, extensions of time, alterations, or additions to the terms of the Contract, to the work thereunder or to the specifications.

In no event will the Surety be liable in the aggregate to Obligee for more than the penal sum of this Performance Bond, regardless of the number of suits that may be filed by Obligee.

Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the State of Connecticut and shall be instituted within the applicable statute of limitations for contract actions after Principal defaults.

IN WITNESS WHEREOF, the above parties have executed this instrument this ____ day of _____, 20__, the name of each party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Signed, sealed and delivered
in the presence of:

PRINCIPAL

Witnesses as to Principal:

By: _____

Name: _____

Its: _____

NOT FOR BIDDING PURPOSES
REFERENCE COPY ONLY

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20__ by _____, as _____ of _____, a _____ [corporation/limited liability company/partnership], on behalf of the [corporation/limited liability company/partnership]. [He/She] is personally known to me or what has produced _____ as identification and who [did] [did not] take an oath.

My Commission Expires:

Notary Public (Signature)

(AFFIX NOTARY SEAL)

(Printed Name)

(Title or Rank)

(Serial Number, if any)

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ATTEST:

SURETY:

Witnesses as to Surety:

(Printed Name)

(Business Address)

(Authorized Signature)

(Printed Name)

Witnesses as to Attorney-in-Fact:

As Attorney-in-Fact
(Attach Power of Attorney)

(Business Address)

(Printed Name)

(Telephone Number)

NOT FOR BIDDING PURPOSES
REFERENCE COPY ONLY

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20__ by _____, as _____ of _____, a _____ [corporation/limited liability company/partnership], on behalf of the [corporation/limited liability company/partnership]. [He/She/ is personally known to me or what has produced _____ as identification and who [did] [did not] take an oath.

My Commission Expires:

Notary Public (Signature)

(AFFIX NOTARY SEAL)

(Printed Name)

(Title or Rank)

(Serial Number, if any)

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APPENDIX B

Prevailing Wage Rates

GNHWPCA PROJECT NO. SSR 2024-01

Prevailing Wage Rates Request Form

Thank you for filling out this form. Below is what you submitted on: **Wednesday, November 15, 2023**

Contracting Agency	Greater New Haven Water Pollution Control Authority
Project_Name_and_No	SSR 2024-01 2024 Collection System Assessment and CIPP Lining Rehabilitation
Project Location	New Haven
Project Description	CIPP Lining rehabilitation of approx. 5600 LF of large diameter sewers
Project Cost	2500000
Advertisement Date	11/15/2023
Schedules	Heavy/Highway
Mail/Pickup	Email
Name	Ricardo Ceballos, PE
Street Address	260 East Street
City	New Haven
State	CT
Zip Code	06511
Telephone Number	2034664122
E-Mail Address	rceballos@gnhwpca.com

[Return to Wage & Workplace Standards Forms](#)

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APPENDIX C

Schedule of Sewers to Be Rehabilitated

GNHWPCA PROJECT NO. SSR 2024-01

SSR 2024-01 : Schedule of Sewers to be Cleaned, CCTV Inspected and Rehabilitated

Street	SewerMain_ID	Pipe Size (in)			UpStrmMH	DwnStrmMH	Length (ft)	LATERALS
		Nominal	Horiz	Vert				
Congress	NBM03P0138	25	20	30	NBM03M0340	NBM03M0341	180	8
Edgewood	NBU11P1334	25	20	30	NBU11M1418	NBU11M0010	47	1
Edgewood	NBU11P1055	25	20	30	NBU11M0010	NBU11M0853	128	3
Edgewood	NBU11P0261	25	20	30	NBU11M0853	NBU11M0963	117	7
Edgewood	NBU11P0557	25	20	30	NBU11M0963	NBU11M0964	121	3
Edgewood	NBU11P0942	25	20	30	NBU11M0964	NBU11M0965	44	0
Kensington	NBU11P0944	25	20	30	NBU11M0967	NBU11M0965	150	4
Elm	NUNO2P0528	25	20	30	NUNO2M0669	NUNO2M0670	151	4
Elm	NUNO2P0529	25	20	30	NUNO2M0670	NUNO2M0653	247	6
		25					1185	36
Elm	NUNO2P0713	36	30	40	NUNO2M0657	NUNO2M0642	97	4
Elm	NUNO2P0120	36	30	40	NUNO2M0642	NUNO2M0644	102	4
Elm	NUNO2P0124	36	30	40	NUNO2M0644	NUNO2M0645	100	3
Elm	NUNO2P0125	36	30	40	NUNO2M0645	NUNO2M0695	100	3
Elm	NUNO2P0136	36	30	40	NUNO2M0695	NUNO2M0646	103	3
		36					502	17
Canner	NHU04P0853	38	30	45	NHU04M0485	NHU04M0486	204	3
Canner	NHU04P0861	38	30	45	NHU04M0486	NHU04M0512	204	7
Canner	NHU04P0862	38	30	45	NHU04M0512	NHU04M0513	113	3
Canner	NHU04P0863	38	30	45	NHU04M0513	NHU04M0511	275	6
Canner	NHU04P0470	38	30	45	NHU04M0511	NHU05M0509	25	0
Derby	NBU10P1146	38	30	45	NBU10M0707	NBU10M1054	385	6
Derby	NBU10P1148	38	30	45	NBU10M1054	NBU10M1055	36	0
		38					1242	25
Canner	NHU05P0468	42	35	52	NHU05M0509	NHU05M0357	253	7
Canner	NHU05P0751	42	35	52	NHU05M0357	NHU05M0358	304	13
Canner	NHU05P0807	42	35	52	NHU05M0358	NHU05M0683	268	8
		42					825	28
Canner	NHU05P0809	48	48	48	NHU05M0683	NHU05M0684	403	13
Canner	NHU05P0972	48	48	48	NHU05M0684	NHU05M0687	335	12
Canner	NHU05P0975	48	48	48	NHU05M0687	NHU05M0690	318	8
Derby	NBU10P1262	48	48	48	NBU10M1083	NBU10M1047	366	6
Derby	NBU10P1125	48	48	48	NBU10M1047	NBU10M1030	458	14
Derby	NBU10P1208	48	48	48	NBU10M1030	NBU10M1021	254	4
Derby	NBU10P1169	48	48	48	NBU10M1021	NBU10M1017	272	4
							2406	61
East	NEA 01P0356	54	54	54	NEA01M0244	NEA01M0245	450	4
		54					450	4
					Total		6610	171

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APPENDIX D

Contract Drawings

GNHWPCA PROJECT NO. SSR 2024-01



PLAN

1" = 60'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
ENGINEERING DEPARTMENT
260 East Street
New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC Approved By: TS Date: 11/6/2023

2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION

Project No.: SSR 2024-01 Sheet No.: 1 of

NTC:
A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.



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PLAN
1" = 60'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
ENGINEERING DEPARTMENT
260 East Street
New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC Approved By: TS Date: 11/6/2023

**2024 COLLECTION SYSTEM ASSESSMENT AND
CIPP REHABILITATION**

Project No.: SSR 2024-01 Sheet No.: 2 of

NTC:
A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.



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48" BRICK
L= 403
S= 13

48" BRICK
L= 335
S= 12

48" BRICK
L= 318
S= 8

PLAN
1" = 80'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
ENGINEERING DEPARTMENT
260 East Street
New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC | Approved By: TS | Date: 11/6/2023

2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION

Project No.: SSR 2024-01 | Sheet No.: 3 of

NTC:
A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.



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30"x45" BRICK
L= 385
S= 6

30"x45" BRICK
L= 36
S= 0

PLAN
1" = 60'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



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ENGINEERING DEPARTMENT
260 East Street
New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC Approved By: TS Date: 11/6/2023

2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION

Project No.: SSR 2024-01 Sheet No.: 4 of

NTC:
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PLAN
1" = 60'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
ENGINEERING DEPARTMENT
260 East Street
New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC	Approved By: TS	Date: 11/6/2023
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**2024 COLLECTION SYSTEM ASSESSMENT AND
CIPP REHABILITATION**

Project No.: SSR 2024-01	Sheet No.: 5 of
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PLAN
1" = 60'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



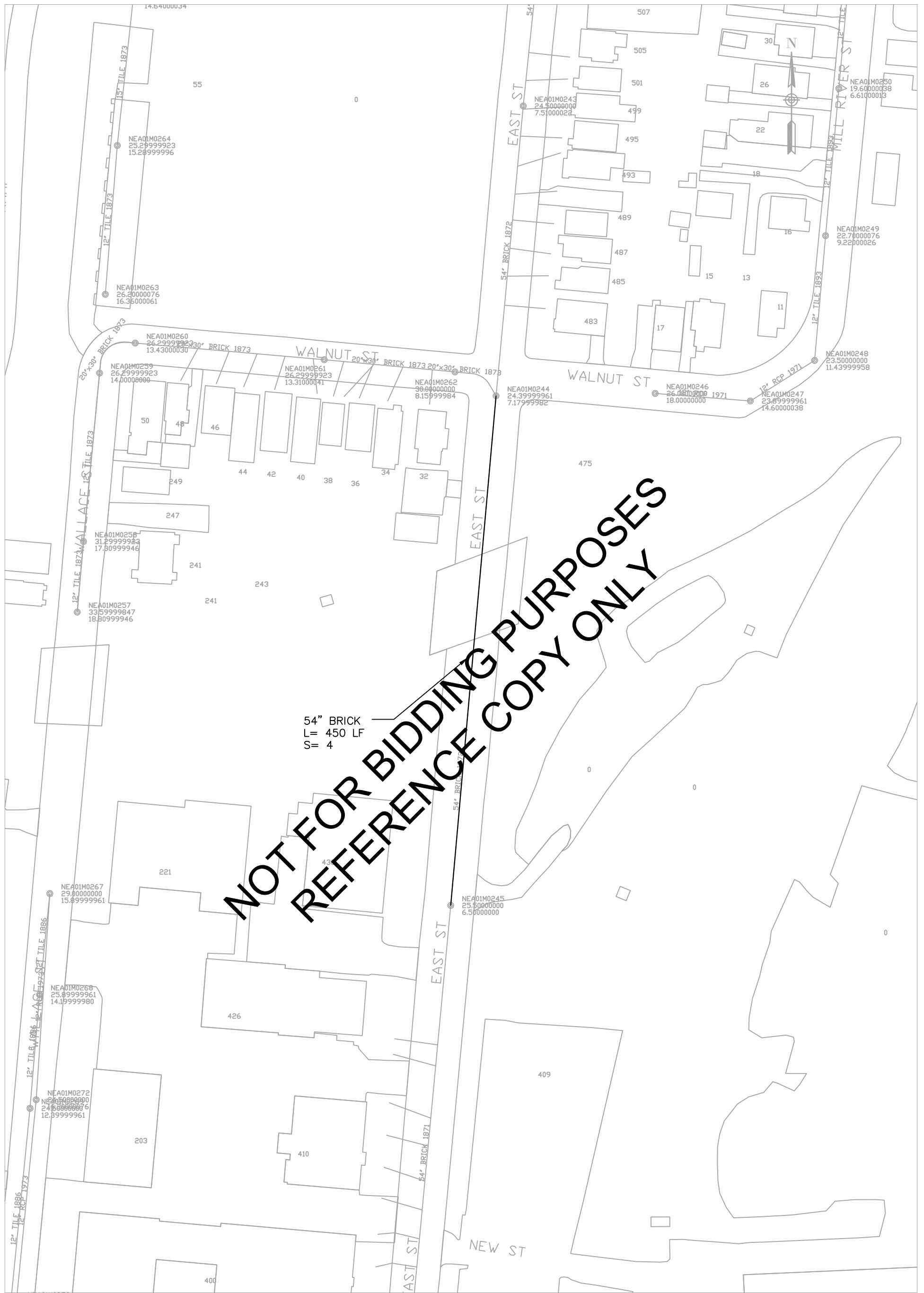
Greater New Haven Water Pollution Control Authority
ENGINEERING DEPARTMENT
260 East Street
New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC	Approved By: TS	Date: 11/6/2023
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**2024 COLLECTION SYSTEM ASSESSMENT AND
CIPP REHABILITATION**

Project No.: SSR 2024-01	Sheet No.: 6 of
--------------------------	-----------------

NTC:
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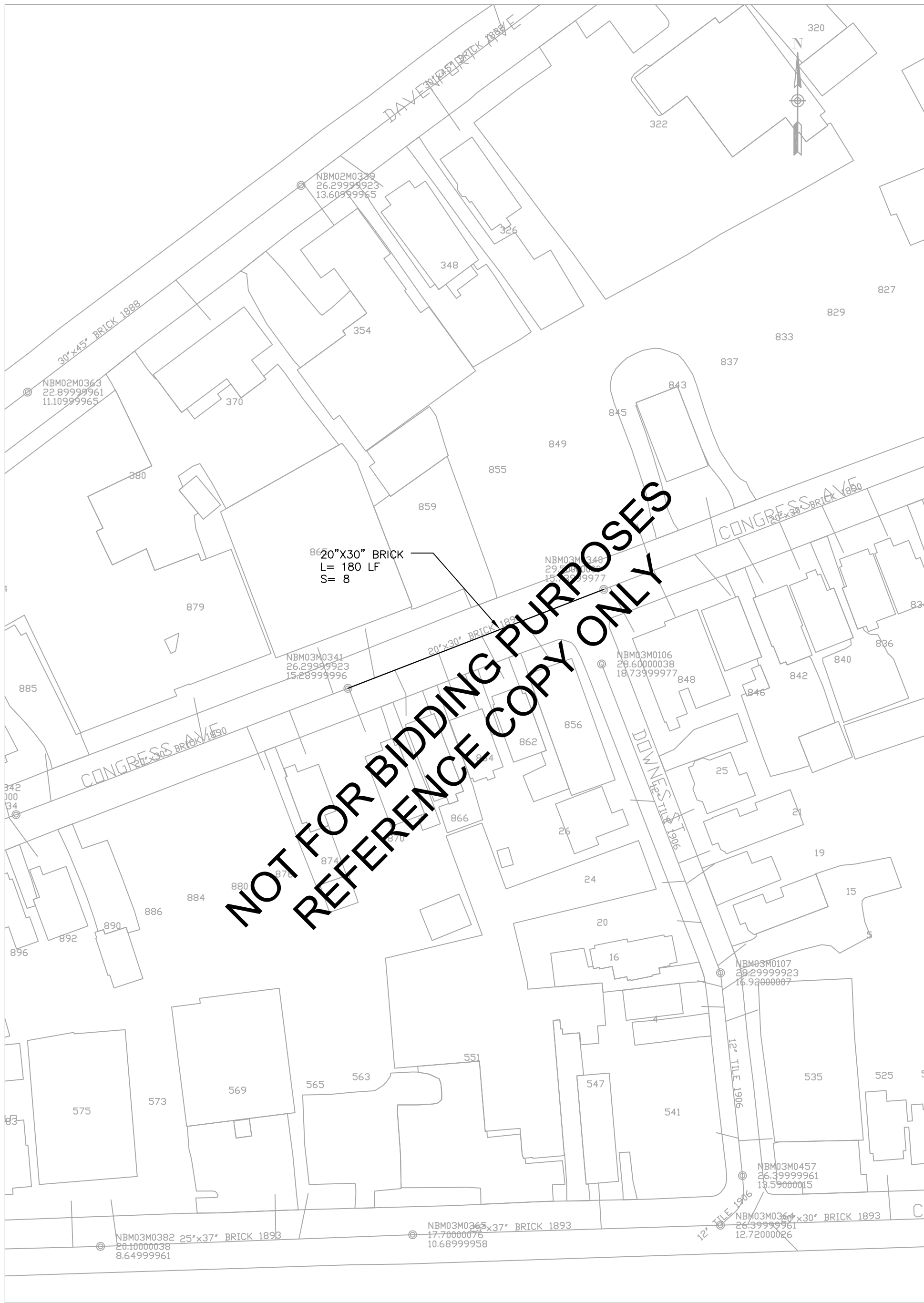
NTC:
 A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET.
 PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.

PLAN
 1" = 80'

LEGEND
 L= LINEAR FEET OF PIPE
 S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority		
ENGINEERING DEPARTMENT		
260 East Street		
New Haven, CT 06511		
(203) 466 5280 p (203) 722-1564 f		
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2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION		
Project No.: SSR 2024-01	Sheet No.: 7 of	



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PLAN
1" = 60'

LEGEND
L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority ENGINEERING DEPARTMENT 260 East Street New Haven, CT 06511 (203) 466 5280 p (203) 722-1564 f		
Drawn By: RC	Approved By: TS	Date: 11/6/2023
2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION		
Project No.: SSR 2024-01	Sheet No.: 8 of	



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PLAN
1" = 60'

LEGEND
L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority		
ENGINEERING DEPARTMENT		
260 East Street New Haven, CT 06511 (203) 466 5280 p (203) 722-1564 f		
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2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION		
Project No.: SSR 2024-01	Sheet No.: 9 of	



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20"x30" CEMENT
L= 151
S= 4

20"x30" CEMENT
L= 27
S= 6

PLAN
1" = 80'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
ENGINEERING DEPARTMENT
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New Haven, CT 06511
(203) 466 5280 p (203) 722-1564 f

Drawn By: RC | Approved By: TS | Date: 11/6/2023

2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION

Project No.: SSR 2024-01 | Sheet No.: 10 of

NTC:
A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.



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30"x40" BRICK
L= 97
S= 4

30"x40" BRICK
L= 102
S= 4

30"x40" BRICK
L= 100
S= 3

30"x40" BRICK
L= 100
S= 3

30"x40" BRICK
L= 103
S= 3

PLAN
1" = 80'

LEGEND

L= LINEAR FEET OF PIPE
S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
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Drawn By: RC | Approved By: TS | Date: 11/6/2023

2024 COLLECTION SYSTEM ASSESSMENT AND CIPP REHABILITATION

Project No.: SSR 2024-01 | Sheet No.: 11 of

NTC:
A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA CONSTRUCTION ADMINISTRATOR AT 203-466-4182.