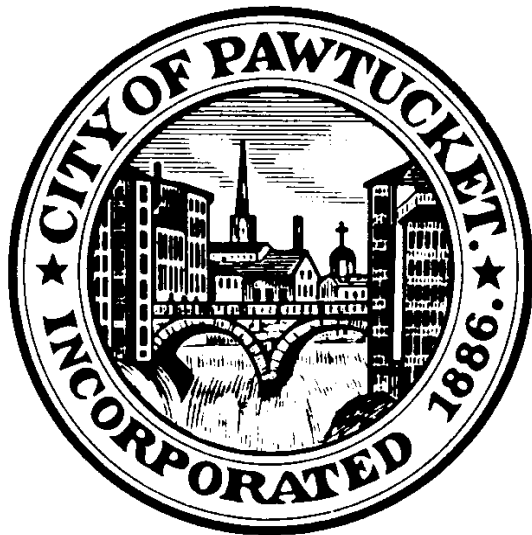


# **ADDENDUM NO. 1**

## **PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS**

**BID #25-018  
PAWTUCKET, RI**



### **PAWTUCKET, RHODE ISLAND**

DEPARTMENT OF PUBLIC WORKS  
250 ARMISTICE BOULEVARD  
PAWTUCKET, RHODE ISLAND

**ISSUED: March 10, 2025**

## Addendum #1 –March 10, 2025

# PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS

## BID #25-018 Pawtucket, RI

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the Request for Proposals indicated above. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in, and form a part of the proposed Contract Documents for the work.

Inclusion of this Addendum must be acknowledged in the spaces provided in the document entitled "Request for Proposals Bid #25-018; Pine Street North Green Infrastructure & Pedestrian Improvements". Failure to acknowledge any and all addenda in the above specified bid form may be cause for rejection of the bids by the Owner on the grounds that it is not responsive.

This Addendum consists of four (4) pages of bid specification clarifications and bid question responses in addition to five (5) attachments for a total of 69 pages.

### 1. CLARIFICATION TO BID SPECIFICATIONS

- A. Revised the following definitions in Section 4.2.3 of the Request for Proposal as follows:
  - a. CONTRACT BASE BID PRICE: This lump sum price shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work described in the Contract Documents, Drawings and Specifications with the exception of items of work for which Unit Bid, Add/Deduct, Bid Alternate Prices, **and Allowances** are provided.
  - b. TOTAL CONTRACT BID PRICE: The Total Contract Bid Price shall be the total of the Contract Base Bid Price, Add/Deduct Items, Unit Price Bid Items (at stated quantities and prices indicated on the Pricing Proposal) Bid Alternate Items, **and Allowances**.
- B. Revised Parts 4 and 5 of Section 01100 (Summary) as follows:
  - a. Changed Paragraph 4.A to read: ***With exception to police/flagger documentation***, this work will not be measured for payment.
  - b. Changed Paragraph 5.A to read: ***With exception to police and flaggers***, this work shall be paid for as part of the lump sum Contract Base Bid, including all products, materials, equipment, tools, labor and incidentals thereto, complete and accepted by the Engineer.
  - c. Added Paragraph 5.B: ***The Contract Base Bid Price for each City shall include the fees for the Contractor to obtain the necessary permits from each City. The Contractor shall conservatively assume a fee of \$600 for each City.***
  - d. Added Paragraph 5.C: ***The lump sum allowances for police and flaggers (for each City) shall be included within Total Contract Bid Prices. The Contractor shall provide documentation pertaining to police and flagger hours prior to reimbursement. The amount reimbursed will be the amount that is stated within such documentation. Unused fees not expended for police and/or flaggers shall be reimbursed to each City at the end of construction. Any overages shall be reimbursed to the Contractor at the end of construction.***



- C. Revised Parts 4 and 5 of Section 01550 (Traffic Control) as follows:
  - a. Changed Paragraph 4.A to read: ***With exception to police/flagger documentation***, this work will not be measured for payment.
  - b. Changed Paragraph 5.A to read: ***With exception to police and flaggers***, this work shall be paid for as part of the lump sum Contract Base Bid, including all products, materials, equipment, tools, labor and incidentals thereto, complete and accepted by the Engineer.
  - c. Added Paragraph 5.B: ***The lump sum allowances for police and flaggers (for each City) shall be included within Total Contract Bid Prices. The Contractor shall provide documentation pertaining to police and flagger hours prior to reimbursement. The amount reimbursed will be the amount that is stated within such documentation. Unused fees not expended for police and/or flaggers shall be reimbursed to each City at the end of construction. Any overages shall be reimbursed to the Contractor at the end of construction.***
  
- D. Removed references to ‘fiberglass grate’ in Sections 1.3.E & F of Section 02630 (Storm Drainage) since tree filter box and tree pit grating shall be ductile iron as indicated in Sections 2.4.A.2 & 2.5.A.2 of the same specification.
  - a. Changed Paragraph 1.3.E to read as follows: *Tree Filter Box Components: Includes open bottom/sides concrete tree vault, PVC pipe overflow with atrium grate, perforated underdrain piping, interior concrete sediment collection chamber or attached collection basin (with frame and grate), removable ADA compliant **ductile iron** grate, media separator screen, pea gravel, crushed stone, filter fabric, engineered soil media, inlet screen, and tree.*
  - b. Changed Paragraph 1.3.F to read as follows: *Tree Pit Components: Includes open bottom/sides concrete tree vault, removable ADA compliant **ductile iron** grate, media separator screen, pea gravel, crushed stone, filter fabric, engineered soil media, and tree.*

## 2. QUESTIONS & ANSWERS RECEIVED AT THE PRE-BID CONFERENCE AND VIA EMAIL.

**Q1:** Will the pre-bid meeting agenda and sign-in sheet be provided?

**A1:** Yes, *the pre-bid meeting agenda and sign-in sheet have been provided as Attachment A.*

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**Q2:** Will any updates to the Davis-Bacon / Prevailing Wage Rates be provided prior the Bid Submission deadline?

**A2:** Yes, *Davis Bacon / Prevailing Wage Rates were updated on March 7, 2025 and have been provided in Attachment B.*

-----

**Q1:** Where should contractors include the costs to cover police and flaggers that will be required during construction?

**A1:** *Although it was initially intended that the costs to cover police and flaggers would be included as part of the Base Bid Prices for Pawtucket and Central Falls, actual allowance items have been provided on the Bid Form so that all contractors can generate bids assuming the same prices for these items. These allowances will be included with the Total Contract Bid Prices for each city and shall be assumed to be: \$75,000 for police and \$75,000 for flaggers in the City of Pawtucket and \$7,500 for police and \$7,500 for flaggers in the City of Central Falls. The Contractor shall provide documentation pertaining to police and flagger hours prior to reimbursement. The amount reimbursed will be the amount that is stated within such documentation. Unused fees not expended for police and/or flaggers shall be reimbursed to each City at the end of construction. Any overages shall be reimbursed to the Contractor at the end of construction. The revised Bid Form (which includes these allowance values) has been included as Attachment C.*

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**Q2:** Are there any on-site or off-site locations adjacent to the Project Site that can be used for temporary staging and storage during construction?

**A2:** *The City of Pawtucket stated during the Pre-Bid meeting that a portion of the parking lot at 354 Pine Street (south of the Pine Street/Conant Street intersection) can be used for temporary staging/storage. The Contractor will need to coordinate with the City of Pawtucket to determine how much of that parking lot can be designated for staging and storage during construction.*

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**Q3:** Will stamped Contract Drawings be provided during the bid process?

**A3:** *Stamped Contract Drawings have been provided in Attachment D. No changes have been made.*

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**Q4:** Are there as-builts available from RI Energy for the recent installation of gas mains and services within the Project's Limit of Work (i.e. since these utilities were installed subsequent to the completion of the project's survey)?

**A4:** *As-builts provided by RI Energy have been included in Attachment E.*

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**Q5:** How should the costs necessary to obtain permits from each City be included during bidding?

**A5:** *The Contract Base Bid Price for each City shall include the fees for the Contractor to obtain the necessary permits from each City. The Contractor shall conservatively assume a fee of \$600 for each City (totaling \$1,200 overall).*

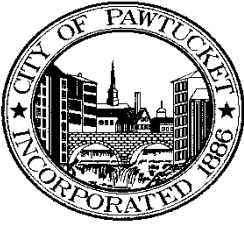
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**ATTACHMENTS:**

- A. Pre-Bid Meeting Agenda and Sign-In Sheet (3 pages excluding fly sheet)
- B. General Wage Decision: Updated (15 pages excluding fly sheet)
- C. Bid Form -Revised (12 pages excluding fly sheet)
- D. Stamped Plans (23 pages excluding fly sheet)
- E. As-Built Information from RI Energy for Latest Gas Main/Service Installation on Pine Street (6 pages excluding fly sheet)

Please contact Michael Wilcox (401-728-0500 ext 447), City of Pawtucket, with any questions.

**Attachment A: Pre-Bid Meeting Agenda and Sign-In Sheet**



# CITY OF PAWTUCKET

137 ROOSEVELT AVENUE  
PAWTUCKET, RHODE ISLAND 02860

DEPARTEMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

DONALD R. GREBIEN  
MAYOR

CHRIS CRAWLEY  
ACTING DIRECTOR

## Pre-Bid Meeting Minutes

**Project Title:** Pine Street North Green Infrastructure & Pedestrian Improvements

**Date:** February 20, 2025 **Project Location:** Roosevelt Avenue, Pawtucket, RI

**Project Number:** 25-018

1. Introduction to City & A/E Project Management Team
  - Mike Wilcox, Emily Morse, Engineering Division; Peter Wingate, Purchasing Division,
  - Stephanie White and Sean Arruda, Fuss & O'Neill
2. Discussion of Standard RFP Items, including:
  - **Project Funded by multiple sources**
  - Bonds / Insurance: Bid Bond 5% due at Bid submission; Performance & Payment Bonds due on Award
  - Davis Bacon Prevailing Wage Decision applies (per funding source) and is in the RFP.
  - Standard form of agreement sample
  - Permissible hours of work: No work shall commence prior to 7am. (per noise ordinance)
  - Build America Buy America compliance for all products
3. Discussion of Project Specific Terms, including:
  - Permits
    - **City of Pawtucket and Central Falls Building, Street and Sidewalk Permits as required. Permit fees will not be waived.**
  - Schedule
    - Bid Schedule
      - Advertised: February 14, 2025
      - Pre-Bid Meeting: February 20, 2025
      - RFI shall be submitted no later than: 3/6/2025 at 10:00 pm
      - Addendum Issued on or about 3/10/2025
      - Bids Due: 3/13/2025 @ 12:00 pm
      - Bid Opening: 3/13/2023 @ 4 pm
      - Project Award: 3/27/2025
    - Construction schedule;
      - Project Begins: 03/28/2025
      - Substantial Completion: 11/30/2025
      - Final Completion: 12/31/2025
  - Funding Source(s), and their associated requirements per RFP
    - Funding is provided by various Federal and State of Rhode Island Agencies including:
      - Community Development Block Grants (CDBG)

- Congressionally Directed Spending (CDS)
- Rhode Island Department of Environmental Management
- Rhode Island Infrastructure Bank (RIIB)

#### 4. A/E Additional Input

- Improvements and Renovations to existing facilities shall include:
  - Site preparation activities: saw-cutting, removal and legal disposal of materials, salvage & stockpile.
  - Installation and maintenance of site protection and erosion control measures.
  - Soil management activities: excavation, loading, hauling and legal disposal of excavated soils.
  - Construction of new cast-in-place concrete sidewalks (standard vs. heavy-duty)
  - Installation of permeable pavers
  - Installation of tee filter boxes
  - Installation of tree boxes and trees
  - Installation of green stormwater structures (curbside bioretention bioretention planters)
  - Installation of Conant Street Parklet and Barton Street Parklet
  - Restoration of impacted surfaces.
- Bid Requirements
  - **Project will be structured as a combination of lump sum, add/deduct, and unit price bid items. The Total Contract Base Bid Price shall be the total of the Contract Base Bid Prices, Add/Deduct Unit Bid Items (at stated quantities), Unit Bid Price Items (at stated quantities), and Bid Alternate Items.**
  - Contract Base Bid Price (for each City) will be on a lump sum basis and will include all work shown on Contract Drawings excluding Unit Price Bid Items, Add/Deduct Unit Bid Items, and Bid Alternates at stated quantities. The lump sum prices for the Conant and Barton Street Parklets shall be included in the Contract Base Bid; but the lump sums for each shall be identified in the Bid Form per funding requirements.
  - Add/Deduct Unit Bid Item is contaminated soil disposal. For bidding, assume “Solid Waste Soil” at stated quantity. Clean Soil Disposal will not be measured for payment and will be part of Contract Base Bid Price.
  - Unit Bid Price Items will include each bioretention planter, permeable pavers, standard-duty and heavy-duty cement concrete sidewalk, vertical face roadway granite curb, tree filter boxes, and tree pits.
  - Separate lump sum prices will be required for Bid Alternate Items. Bid Alternate Items are the Barton and Conant Parklet trellises. Alternates will be executed at the Owner’s option.
  - Basis of bid award will be to the lowest, qualified bidder.
- Coordination with Owner and Adjacent Properties
  - Traffic Control to be coordinated with Cities.
  - Coordinate all sidewalk closures and pedestrian detours with Cities.
  - Contractor shall be responsible for providing notices and coordinating with adjacent property owners 48 hours prior to commencement of work at sidewalks through driveways, driveways, and entrances.
  - Temporary storage and staging areas may be established within limited portions of the project’s limit of disturbance if agreed to by Owner. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site. Use of any Town-owned off-site areas shall be coordinated/mutually agreed upon with Town.
- Other Issues and Considerations
  - Pre-Construction Conference will be required along with bi-monthly progress meetings (two meetings per month) or as necessary.
  - Record Documents - As-Builts are required. Per funding requirements, the Final Record/As-Built Drawings must be stamped by a licensed professional engineer in the State of Rhode Island with written verification that the project was constructed in accordance with the approved design plans or approved field modifications.

#### 5. Contractor Questions (email to contacts in Section 1 of the RFP)



**CITY OF PAWTUCKET & CITY OF CENTRAL FALLS**  
**Pine Street North Green Infrastructure & Pedestrian Improvements**  
**Bid #25-018**



**Pre-Bid Meeting: Thursday, February 20, 2025 @ 10:00 a.m.**  
 Location: Department of Public Works, Conference Room: 250 Armistice Blvd.

**ATTENDANCE SHEET - PLEASE PRINT CLEARLY**

Name	Company	Address	Phone No.	E-Mail Address
Michael Wilcox	City of Pawtucket	250 Armistice Blvd. Pawtucket, RI 02860	(401) 728-0500 X447	<a href="mailto:mwilcox@pawtucketri.gov">mwilcox@pawtucketri.gov</a>
Trevin Alpaio	Narragansett Imp	223 Allens Ave Providence 02903	401 226 4296	TAlpaio@NicoRI.com
BROOKE DELCADO	D'AMBRA	80 CENTRE OF NEW ENGLAND BLVD, COVENTRY	401-616-7490	BROOKE@D-AMBRA.COM
Jim Vandermillen	City of Central Falls	1280 High St., CF	401-793-1734	<a href="mailto:jvandermillen@city.centralfallsri.gov">jvandermillen@city.centralfallsri.gov</a>
Diane Jacques	" "	" "	401-744-2831	<a href="mailto:djacques@city.centralfallsri.gov">djacques@city.centralfallsri.gov</a>
Sean Arruda	Foss & O'NEILL INC	317 Iron Horse Way Providence, RI 02908	401-529-9798	<a href="mailto:sean.arruda@foss.com">sean.arruda@foss.com</a>
Peter Wilcox	CITY OF PAWTUCKET	127 ROOSEVELT AVE, 02860	401-728-0500 X350	<a href="mailto:pwilcox@pawtucketri.gov">pwilcox@pawtucketri.gov</a>
Eric Hammerschlag	Pawtucket	250 Armistice Blvd	401-439-6514	<a href="mailto:ehammerschlag@pawtucketri.gov">ehammerschlag@pawtucketri.gov</a>
E. Morse	"	"	721-8460	<a href="mailto:emorse@pawtucketri.gov">emorse@pawtucketri.gov</a>



## **Attachment B: General Wage Rate Decision**

***THIS UPDATED GENERAL WAGE DECISION SUPERCEDES THE GENERAL WAGE DECISION IN THE REQUEST FOR PROPOSALS.***

***"General Decision Number: RI20250001 03/07/2025***

***Superseded General Decision Number: RI20240001***

***State: Rhode Island***

***Construction Types: Building, Heavy (Heavy and Marine) and Highway***

***Counties: Rhode Island Statewide.***



"General Decision Number: RI20250001 03/07/2025

Superseded General Decision Number: RI20240001

State: Rhode Island

Construction Types: Building, Heavy (Heavy and Marine) and Highway

Counties: Rhode Island Statewide.

BUILDING CONSTRUCTION PROJECTS (does not include residential construction consisting of single family homes and apartments up to and including 4 stories) HEAVY, HIGHWAY AND MARINE CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/03/2025
1	03/07/2025

ASBE0006-006 09/01/2024

Rates	Fringes
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HAZARDOUS MATERIAL HANDLER  
 (Includes preparation,  
 wetting, stripping, removal  
 scrapping, vacuuming, bagging  
 & disposing of all insulation  
 materials, whether they  
 contain asbestos or not, from  
 mechanical systems).....\$ 49.91                      36.63

ASBE0006-008 09/01/2024

Rates	Fringes
-------	---------

Asbestos Worker/Insulator  
 Includes application of  
 all insulating materials,  
 protective coverings,  
 coatings & finishes to all  
 types of mechanical systems.\$ 49.91                      36.63

BOIL0029-001 01/01/2021

Rates	Fringes
-------	---------

BOILERMAKER.....\$ 45.87                      29.02

BRRIO003-001 06/01/2022

Rates	Fringes
-------	---------

Bricklayer, Stonemason,  
 Pointer, Caulker & Cleaner.....\$ 46.86                      29.14

BRRIO003-002 09/01/2022

Rates	Fringes
-------	---------

Marble Setter, Terrazzo  
 Worker & Tile Setter.....\$ 46.54                      30.34

BRRIO003-003 09/01/2022

Rates	Fringes
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Marble, Tile & Terrazzo  
 Finisher.....\$ 38.78                      29.61

CARP0330-001 06/03/2024

Rates	Fringes
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CARPENTER (Includes Soft  
 Floor Layer).....\$ 45.13                      30.25  
 Diver Tender.....\$ 44.88                      30.25  
 DIVER.....\$ 57.03                      30.25  
 Piledriver.....\$ 41.53                      29.35

WELDER.....\$ 44.88 30.25

FOOTNOTES:

When not diving or tending the diver, the diver and diver tender shall receive the piledriver rate. Diver tenders shall receive \$1.00 per hour above the pile driver rate when tending the diver.

Work on free-standing stacks, concrete silos & public utility electrical power houses, which are over 35 ft. in height when constructed: \$.50 per hour additional.

Work on exterior concrete shear wall gang forms, 45 ft. or more above ground elevation or on setback: \$.50 per hour additional.

The designated piledriver, known as the ""monkey"": \$1.00 per hour additional.

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CARP1121-002 01/02/2023

	Rates	Fringes
MILLWRIGHT.....	\$ 41.54	30.73

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ELEC0099-002 06/01/2024

	Rates	Fringes
ELECTRICIAN.....	\$ 52.11	47.25%
Teledata System Installer.....	\$ 39.09	11.02%+15.31

FOOTNOTES:

Work of a hazardous nature, or where the work height is 30 ft. or more from the floor, except when working OSHA-approved lifts: 20% per hour additional.

Work in tunnels below ground level in combined sewer outfall: 20% per hour additional.

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ELEV0039-001 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 61.88	37.885+a+b

FOOTNOTES:

a. PAID HOLIDAYS: New Years Day; Memorial Day; Independence Day; Labor Day; Veterans' Day; Thanksgiving Day; the Friday after Thanksgiving Day; and Christmas Day.

b. Employer contributes 8% basic hourly rate for 5 years or more of service of 6% basic hourly rate for 6 months to 5 years of service as vacation pay credit.

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ENGI0057-001 12/01/2024

	Rates	Fringes
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Operating Engineer: (power plants, sewer treatment plants, pumping stations, tunnels, caissons, piers, docks, bridges, wind turbines, subterranean & other marine and heavy construction work)

GROUP 1.....	\$ 49.05	29.70
GROUP 2.....	\$ 47.05	29.70
GROUP 3.....	\$ 42.67	29.70
GROUP 4.....	\$ 39.82	29.70
GROUP 5.....	\$ 46.10	29.70
GROUP 6.....	\$ 36.90	29.70
GROUP 7.....	\$ 30.90	29.70
GROUP 8.....	\$ 42.75	29.70
GROUP 9.....	\$ 46.67	29.70

a. BOOM LENGTHS, INCLUDING JIBS:

150 feet and over + \$ 2.00  
180 feet and over + \$ 3.00  
210 feet and over + \$ 4.00  
240 feet and over + \$ 5.00  
270 feet and over + \$ 7.00  
300 feet and over + \$ 8.00  
350 feet and over + \$ 9.00  
400 feet and over + \$10.00

a. PAID HOLIDAYS:

New Year's Day, President's Day, Memorial Day, July Fourth, Victory Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. a: Any employee who works 3 days in the week in which a holiday falls shall be paid for the holiday.

a. FOOTNOTES:

Hazmat work: \$2.00 per hour additional.  
Tunnel/Shaft work: \$5.00 per hour additional.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, lighters, boom trucks and derricks

GROUP 2: Digging machine, Ross Carrier, locomotive, hoist, elevator, bidwell-type machine, shot & water blasting machine, paver, spreader, graders, front end loader (3 yds. and over), vibratory hammer & vacuum truck, roadheaders, forklifts, economobile type equipment, tunnel boring machines, concrete pump and on site concrete plants.

GROUP 3: Oilers on cranes.

GROUP 4: Oiler on crawler backhoe.

GROUP 5: Bulldozer, bobcats, skid steer loader, tractor, scraper, combination loader backhoe, roller, front end loader (less than 3 yds.), street and mobile-powered sweeper (3-yd. capacity), 8-ft. sweeper minimum 65 HP).

GROUP 6: Well-point installation crew.

GROUP 7: Utility Engineers and Signal Persons

GROUP 8: Heater, concrete mixer, stone crusher, welding machine, generator and light plant, gas and electric driven pump and air compressor.

GROUP 9: Boat & tug operator.

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ENGI0057-003 12/01/2024

BUILDING CONSTRUCTION

	Rates	Fringes
Power Equipment Operator		
GROUP 1.....	\$ 48.32	28.45
GROUP 2.....	\$ 46.32	28.45
GROUP 3.....	\$ 46.10	28.45
GROUP 4.....	\$ 42.10	28.45
GROUP 5.....	\$ 39.25	28.45
GROUP 6.....	\$ 45.40	28.45
GROUP 7.....	\$ 44.97	28.45
GROUP 8.....	\$ 42.29	28.45

a. BOOM LENGTHS, INCLUDING JIBS:

- 150 ft. and over: + \$ 2.00
- 180 ft. and over: + \$ 3.00
- 210 ft. and over: + \$ 4.00
- 240 ft. and over: + \$ 5.00
- 270 ft. and over: + \$ 7.00
- 300 ft. and over: + \$ 8.00
- 350 ft. and over: + \$ 9.00
- 400 ft. and over: + \$10.00

a. PAID HOLIDAYS: New Year's Day, President's Day, Memorial Day, July Fourth, Victory Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day & Christmas Day. a: Any employee who works 3 days in the week in which a holiday falls shall be paid for the holiday.

- a. FOOTNOTE: Hazmat work: \$2.00 per hour additional.
- Tunnel/Shaft work: \$5.00 per hour additional.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, lighters, boom trucks and derricks.

GROUP 2: Digging machine, Ross carrier, locomotive, hoist, elevator, bidwell-type machine, shot & water blasting machine, paver, spreader, front end loader (3 yds. and over), vibratory hammer and vacuum truck

GROUP 3: Telehandler equipment, forklift, concrete pump & on-site concrete plant

GROUP 4: Fireman & oiler on cranes

GROUP 5: Oiler on crawler backhoe

GROUP 6: Bulldozer, skid steer loaders, bobcats, tractor, grader, scraper, combination loader backhoe, roller, front end loader (less than 3 yds.), street and mobile powered sweeper (3 yds. capacity), 8-ft. sweeper (minimum 65 hp)

GROUP 7: Well point installation crew

GROUP 8: Heater, concrete mixer, stone crusher, welding machine, generator for light plant, gas and electric driven pump & air compressor

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ENGI0057-005 11/01/2024

	Rates	Fringes
Power Equipment Operator (highway construction projects; water and sewerline projects which are incidental to highway construction projects; and bridge projects that do not span water)		
GROUP 1.....	\$ 44.20	29.45
GROUP 2.....	\$ 42.20	29.45
GROUP 3.....	\$ 36.90	29.45
GROUP 4.....	\$ 23.50	29.45
GROUP 5.....	\$ 30.90	29.45
GROUP 6.....	\$ 37.48	29.45
GROUP 7.....	\$ 41.18	29.45
GROUP 8.....	\$ 36.45	29.45

a. FOOTNOTE: a. Any employee who works three days in the week in which a holiday falls shall be paid for the holiday.

b. PAID HOLIDAYS: New Year's Day, President's Day, Memorial Day, July Fourth, Victory Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day & Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Cranes, pile drivers, lighters, boom trucks, hoists, derricks

GROUP 2: Digging machines, excavators, locomotives, John Henry's, directional drilling machines, cold planers, reclaimers, pavers, spreaders, graders, front-end loaders (3yds & over), vacuum truck, drill/boring machine operators, vermeer saw, water blaster, hydraulic-demolition robot, Ross Carriers, concrete pump operators, asphalt/material transfer machines, rotating telehandlers, SPMT type equipment

GROUP 3: Wellpoint installation and drill/boring machine assistants

GROUP 4: Utility engineers

GROUP 5: Signal persons

GROUP 6: Oilers on cranes and deckhands

GROUP 7: Combination loader / backhoes, front-end loaders (less than 3 yds.), forklift, bulldozers, scrapers, boats, rollers, skid steer loaders (regardless of attachments), street sweepers, mechanics, welders, operators in materials yards, shops and garages

GROUP 8: Gas and electric drive heaters, concrete mixers, light plants, welding machines, pumps and compressors

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IRON0037-001 09/16/2024

	Rates	Fringes
IRONWORKER.....	\$ 41.59	32.98

-----  
LABO0271-001 12/03/2023

BUILDING CONSTRUCTION

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 37.00	26.90
GROUP 2.....	\$ 37.00	26.90
GROUP 3.....	\$ 37.00	26.90
GROUP 4.....	\$ 37.00	26.90
GROUP 5.....	\$ 39.00	26.90

LABORERS CLASSIFICATIONS

GROUP 1: Laborer, Carpenter Tender, Mason Tender, Cement Finisher Tender, Scaffold Erector, Wrecking Laborer, Asbestos Removal [Non-Mechanical Systems]

GROUP 2: Asphalt Raker, Adzemen, Pipe Trench Bracer, Demolition Burner, Chain Saw Operator, Fence & Guard Rail Erector, Setter of Metal Forms for Roadways, Mortar Mixer, Pipelayer, Riprap & Dry Stonewall Builder, Highway Stone Spreader, Pneumatic Tool Operator, Wagon Drill Operator, Tree Trimmer, Barco-Type Jumping Tamper, Mechanical Grinder Operator

GROUP 3: Pre-Cast Floor & Roof Plank Erectors

GROUP 4: Air Track Operator, Hydraulic & Similar Self-Powered Drill, Block Paver, Rammer, Curb Setter, Powderman & Blaster

GROUP 5: Toxic Waste Remover

LABORERS CLASSIFICATIONS

GROUP 1: Laborer, Carpenter Tender, Mason Tender, Cement Finisher Tender, Scaffold Erector, Wrecking Laborer, Asbestos Removal [Non-Mechanical Systems]

GROUP 2: Asphalt Raker, Adzemen, Pipe Trench Bracer, Demolition Burner, Chain Saw Operator, Fence & Guard Rail Erector, Setter of Metal Forms for Roadways, Mortar Mixer, Pipelayer, Riprap & Dry Stonewall Builder, Highway Stone Spreader, Pneumatic Tool Operator, Wagon Drill Operator, Tree Trimmer, Barco-Type Jumping Tamper, Mechanical Grinder Operator

GROUP 3: Pre-Cast Floor & Roof Plank Erectors

GROUP 4: Air Track Operator, Hydraulic & Similar Self-Powered Drill, Block Paver, Rammer, Curb Setter, Powderman & Blaster

GROUP 5: Toxic Waste Remover

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LABO0271-002 11/27/2022

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
LABORER		
COMPRESSED AIR		
Group 1.....	\$ 55.40	24.15
Group 2.....	\$ 52.93	24.15
Group 3.....	\$ 42.45	24.15
FREE AIR		
Group 1.....	\$ 46.00	24.15
Group 2.....	\$ 45.00	24.15
Group 3.....	\$ 42.45	24.15
LABORER		
Group 1.....	\$ 33.05	24.05
Group 2.....	\$ 35.75	24.85
Group 3.....	\$ 36.50	24.85
Group 4.....	\$ 29.00	24.85
Group 5.....	\$ 37.50	24.85
OPEN AIR CAISSON, UNDERPINNING WORK AND BORING CREW		
Bottom Man.....	\$ 41.50	24.15
Top Man & Laborer.....	\$ 35.60	24.15
TEST BORING		
Driller.....	\$ 41.95	24.15
Laborer.....	\$ 41.95	24.15
LABORER CLASSIFICATIONS		

GROUP 1: Laborer; Carpenter tender; Cement finisher tender; Wrecking laborer; Asbestos removers [non-mechanical systems]; Plant laborer; Driller in quarries

GROUP 2: Adzeperson; Asphalt raker; Barcotype jumping tamper; Chain saw operators; Concrete and power buggy operator; Concrete saw operator; Demolition burner; Fence and guard rail erector; Highway stone spreader; Laser beam operator; Mechanical grinder operator; Mason tender; Mortar mixer; Pneumatic tool operator; Riprap and dry stonewall builder; Scaffold erector; Setter of metal forms for roadways; Wagon drill operator; Wood chipper operator; Pipelayer; Pipe trench bracer

GROUP 3: Air track drill operator; Hydraulic and similar powered drills; Brick paver; Block paver; Rammer and curb setter; Powderperson and blaster

GROUP 4: Flagger & signaler

GROUP 5: Toxic waste remover

#### LABORER - COMPRESSED AIR CLASSIFICATIONS

GROUP 1: Mucking machine operator, tunnel laborer, brake person, track person, miner, grout person, lock tender, gauge tender, miner: motor person & all others in compressed air

GROUP 2: Change house attendant, powder watchperson, top person on iron

GROUP 3: Hazardous waste work within the ""HOT"" zone

#### LABORER - FREE AIR CLASSIFICATIONS

GROUP 1: Grout person - pumps, brake person, track person, form mover & stripper (wood & steel), shaft laborer, laborer



topside, outside motorperson, miner, conveyor operator, miner welder, heading motorperson, erecting operator, mucking machine operator, nozzle person, rodperson, safety miner, shaft & tunnel, steel & rodperson, mole nipper, concrete worker, form erector (wood, steel and all accessories), cement finisher (this type of work only), top signal person, bottom person (when heading is 50' from shaft), burner, shield operator and TBM operator

GROUP 2: Change house attendant, powder watchperson

GROUP 3: Hazardous waste work within the ""HOT"" zone

#### LABORER CLASSIFICATIONS

GROUP 1: Laborer; Carpenter tender; Cement finisher tender; Wrecking laborer; Asbestos removers [non-mechanical systems]; Plant laborer; Driller in quarries

GROUP 2: Adzeperson; Asphalt raker; Barcotype jumping tamper; Chain saw operators; Concrete and power buggy operator; Concrete saw operator; Demolition burner; Fence and guard rail erector; Highway stone spreader; Laser beam operator; Mechanical grinder operator; Mason tender; Mortar mixer; Pneumatic tool operator; Riprap and dry stonewall builder; Scaffold erector; Setter of metal forms for roadways; Wagon drill operator; Wood chipper operator; Pipelayer; Pipe trench bracer

GROUP 3: Air track drill operator; Hydraulic and similar powered drills; Brick paver; Block paver; Rammer and curb setter; Powderperson and blaster

GROUP 4: Flagger & signaler

GROUP 5: Toxic waste remover

#### LABORER - COMPRESSED AIR CLASSIFICATIONS

GROUP 1: Mucking machine operator, tunnel laborer, brake person, track person, miner, grout person, lock tender, gauge tender, miner: motor person & all others in compressed air

GROUP 2: Change house attendant, powder watchperson, top person on iron

GROUP 3: Hazardous waste work within the ""HOT"" zone

#### LABORER - FREE AIR CLASSIFICATIONS

GROUP 1: Grout person - pumps, brake person, track person, form mover & stripper (wood & steel), shaft laborer, laborer topside, outside motorperson, miner, conveyor operator, miner welder, heading motorperson, erecting operator, mucking machine operator, nozzle person, rodperson, safety miner, shaft & tunnel, steel & rodperson, mole nipper, concrete worker, form erector (wood, steel and all accessories), cement finisher (this type of work only), top signal person, bottom person (when heading is 50' from shaft), burner, shield operator and TBM operator

GROUP 2: Change house attendant, powder watchperson

GROUP 3: Hazardous waste work within the ""HOT"" zone

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 PAIN0011-005 06/01/2024

	Rates	Fringes
PAINTER		
Brush and Roller.....	\$ 38.07	25.80
Epoxy, Tanks, Towers, Swing Stage & Structural Steel.....	\$ 40.07	25.80
Spray, Sand & Water Blasting.....	\$ 41.07	25.80
Taper.....	\$ 38.82	25.80
Wall Coverer.....	\$ 38.57	25.80

-----  
 PAIN0011-006 06/01/2024

	Rates	Fringes
GLAZIER.....	\$ 41.63	26.15

FOOTNOTES:

SWING STAGE: \$1.00 per hour additional.

PAID HOLIDAYS: Labor Day & Christmas Day.

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 PAIN0011-011 06/01/2024

	Rates	Fringes
Painter (Bridge Work).....	\$ 57.85	26.40

-----  
 PAIN0035-008 06/01/2011

	Rates	Fringes
Sign Painter.....	\$ 24.79	13.72

-----  
 PLAS0040-001 07/01/2024

BUILDING CONSTRUCTION

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 44.00	29.10

FOOTNOTE: Cement Mason: Work on free swinging scaffolds under  
 3 planks width and which is 20 or more feet above ground  
 and any offset structure: \$.30 per hour additional.

-----  
 PLAS0040-002 07/01/2024

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 39.45	25.30

-----  
 PLAS0040-003 07/01/2024

	Rates	Fringes
PLASTERER.....	\$ 44.00	29.10

-----  
 PLUM0051-002 08/26/2024

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 52.49	33.60

-----  
 ROOF0033-004 12/01/2024

	Rates	Fringes
ROOFER.....	\$ 45.77	31.01

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 \* SFRI0669-001 01/01/2025

	Rates	Fringes
SPRINKLER FITTER.....	\$ 49.98	33.44

-----  
 \* SHEE0017-002 12/01/2024

	Rates	Fringes
Sheet Metal Worker.....	\$ 43.69	41.14

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 TEAM0251-001 05/01/2024

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 30.71	36.9125+A+B
GROUP 2.....	\$ 30.86	36.9125+A+B
GROUP 3.....	\$ 30.91	36.9125+A+B
GROUP 4.....	\$ 30.96	36.9125+A+B
GROUP 5.....	\$ 31.06	36.9125+A+B
GROUP 6.....	\$ 31.46	36.9125+A+B
GROUP 7.....	\$ 31.66	36.9125+A+B
GROUP 8.....	\$ 31.16	36.9125+A+B
GROUP 9.....	\$ 31.41	36.9125+A+B
GROUP 10.....	\$ 31.21	36.9125+A+B

FOOTNOTES:

A. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, plus Presidents' Day, Columbus Day, Veteran's Day & V-J Day, providing the employee has worked at least one day in the calendar week in which the holiday falls.

B. Employee who has been on the payroll for 1 year or more but less than 5 years and has worked 150 Days during the last year of employment shall receive 1 week's paid vacation; 5 to 10 years - 2 weeks' paid vacation; 10 or more years - 3 week's paid vacation.

C. Employees on the seniority list shall be paid a one hundred dollar (\$100.00) bonus for every four hundred (400) hours worked, up to a maximum of five hundred dollars (\$500.00)

All drivers working on a defined hazard material job site shall be paid a premium of \$2.00 per hour over applicable rate.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Pick-up trucks, station wagons, & panel trucks

GROUP 2: Two-axle on low beds

GROUP 3: Two-axle dump truck

GROUP 4: Three-axle dump truck

GROUP 5: Four- and five-axle equipment

GROUP 6: Low-bed or boom trailer.

GROUP 7: Trailers when used on a double hook up (pulling 2 trailers)

GROUP 8: Special earth-moving equipment, under 35 tons

GROUP 9: Special earth-moving equipment, 35 tons or over

GROUP 10: Tractor trailer

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

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The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical

order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

#### Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

#### Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

#### Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

#### State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

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#### WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to [davisbaconinfo@dol.gov](mailto:davisbaconinfo@dol.gov) or by mail to:

Branch of Wage Surveys  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to [BCWD-Office@dol.gov](mailto:BCWD-Office@dol.gov) or by mail to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to [dba.reconsideration@dol.gov](mailto:dba.reconsideration@dol.gov) or by mail to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that

the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210.

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END OF GENERAL DECISION"

**Attachment C: Section 11: Bid Form (Revised)**



**BID FORM (REVISED)**

**25-018 – PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS**

Date: \_\_\_\_\_

Submitted By: \_\_\_\_\_

(Include Name, Address and Telephone No.)

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

Name and remittance address that will appear on invoices:

Physical address of business:

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

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

General Information

Is your firm a sole proprietorship doing business under a different name? \_\_\_\_Yes \_\_\_\_ No

If yes, please indicate sole proprietorship, a name, and the name you are doing business under.

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

Is your firm incorporated? \_\_\_\_Yes \_\_\_\_ No

Will any of the work spelled out in this bid be outsourced? \_\_\_\_Yes \_\_\_\_ No

If so, please explain below:

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

Have you or your firm been subject to suspension, debarment or criminal conviction by the Cities of Pawtucket and Central Falls, the State of Rhode Island, or any other jurisdiction?

Yes: \_\_\_\_\_ No: \_\_\_\_\_

Have the Cities of Pawtucket and Central Falls and/or the State of Rhode Island ever terminated contracts with your firm for cause?

Yes: \_\_\_\_\_ No: \_\_\_\_\_

Has your firm ever withdrawn from a contract with the Cities of Pawtucket and Central Falls and/or the State of Rhode Island during its performance?

Yes: \_\_\_\_\_ No: \_\_\_\_\_

Have you or your firm been involved in litigation against the Cities of Pawtucket and Central Falls and/or the State of Rhode Island.

Yes: \_\_\_\_\_ No: \_\_\_\_\_

If you answered yes to any of the foregoing, please explain the circumstances below. If you or your firm has been involved in litigation against the Cities of Pawtucket and Central Falls and/or the State of Rhode Island, please include the case caption, case number and status. (If more space is needed, please attach separate sheet and submit with the bid.)

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Is your company bonded? Yes \_\_\_\_ No \_\_\_\_

Please describe the nature and extent of all insurance coverage:

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Addenda

The following Addenda have been received. The noted modifications to the Bidding Documents have been considered and all costs are included in the Bid Sum.

Addendum #1, Dated: March 10, 2025

Addendum #2, Dated: \_\_\_\_\_

Addendum #3, Dated: \_\_\_\_\_

**Pricing Proposal**

**BID #25-018 - Pine Street North Green Infrastructure & Pedestrian Improvements**

**1.00 OFFER:**

- A. Having examined the Place of the Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by Fuss & O’Neill, Inc. (Engineer for the above mentioned project) and the Cities of Pawtucket and Central Falls, we, the undersigned, hereby offer to enter into a Contract to perform the Work, **(BID # 25-018 – Pine Street North Green Infrastructure & Pedestrian Improvements)**, for the amount indicated below, subject to the additions and deductions according to the terms of the Contract Documents and as stated below. The undersigned will provide all necessary and proper material, machinery, equipment, facilities, and means to complete the Work.
- B. The undersigned hereby understands that the City of Pawtucket and City of Central Falls (Owner) has the right to reject any and all bids and to award the contract in the best interests of the Owner. The Owner reserves the right to award the entire project or delete portions of the work to funds available, whichever is in the best interest of the Owner.
- C. The undersigned also understands that the contract must be carried out in strict accordance with the contract documents.
- D. The undersigned bidder acknowledges that this project is subject to Chapter 37-14.1 of the Rhode Island General Laws, and regulations promulgated thereunder, which require that ten percent of the dollar value of work performed on the project be performed by minority business enterprises. The undersigned bidder acknowledges its obligation to meet the ten percent (10%) requirement under these regulations.
- E. The undersigned bidder acknowledges that payment of the local prevailing wage, as established by the Rhode Island Department of Labor and Training and the secretary of labor of the United States of America, as amended [40 U.S.C. section 276a], is a requirement of this project.
- F. The Contract Base Bid Price shall include the following lump sum bid price for each City. This lump sum price shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work described in the Contract Documents, Drawings and Specifications with the exception of items of work for which Unit Prices are provided in addition to Add/Deduct and Bid Alternate items. This lump sum price (for each City) shall not include Unit Price, Add/Deduct and Bid Alternate Items at stated quantities and prices indicated on the Pricing Proposal. (Note: price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

**Contract Base Bid Price for work within the City of Central Falls (Lump Sum):**

\$.....dollars,  
(amount in words)

(\$.....) in lawful money of the United States of America and,  
(amount in figures)

**Contract Base Bid Price for work within the City of Pawtucket (Lump Sum):**

\$.....dollars,  
(amount in words)

(\$.....) in lawful money of the United States of America and,  
(amount in figures)

Due to funding mechanisms, the two parklets (Barton Street and Conant Street) listed below and located within the limits of City of Pawtucket shall be broken out as lump sum bids for each parklet. The Contract Base Bid Price within the City of Pawtucket shall include the bid price for both parklets (Barton Street and Conant Street) excluding the cost of the trellises which will be considered Bid Alternates. The lump sum price for each parklet shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work described in the Contract Documents, Drawings and Specifications. (Note: price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

**Conant Street Parklet**

\$.....dollars,  
(amount in words)

(\$.....) in lawful money of the United States of America and,  
(amount in figures)

**Barton Street Parklet**

\$.....dollars,  
(amount in words)

(\$.....) in lawful money of the United States of America and,  
(amount in figures)

**G. Add/Deduct Unit Bid Items:** The following add/deduct unit bid prices are for add/deduct purposes only. As part of the Total Contract Bid Price, the Bidder shall carry the quantities listed below at stated quantities and prices indicated on the Pricing Proposal. Each price shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work specified for each of the Add/Deduct Unit Bid Items as described for that item of work in the Drawings and Specifications.

1. Payment under add/deduct unit bid items listed below would only be made for the quantity of work completed and accepted in variance to the indicated quantities, respectively.
2. Any such work in variance to the respective base quantities will only be approved and accepted by the Owner under written authorization of respective variance quantities prior to completion of the work items. Actual quantities will be measured and verified in the field by the Engineer. As such, the respective base quantities shown below are for bidder's reference in preparing the Base Bid price referenced above.
3. The above add/deduct items include all labor, materials, tools, equipment, overhead, profit, insurances, etc. to cover the finished work of the several kinds called for.
4. Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Add/Deduct Bid items will be based on actual quantities, determined as provided in the Contract Documents.

**a. Add/Deduct Unit Bid Items within the City of Central Falls** (Note: the unit price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

Item <u>No.</u>	Item <u>Description</u>	<u>Unit</u>	<u>Unit Price</u> <u>Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount</u>
AD-1	<b>Contaminated Soil Disposal</b>	Tons	_____	105	\$ _____
			Dollars and _____		
			Cents (\$ _____)		

- b. **Add/Deduct Unit Bid Items within the City of Pawtucket** (Note: the unit price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount</u>
AD-1	<b>Contaminated Soil Disposal</b>	Tons	_____	705	\$ _____
			Dollars and _____		
			Cents (\$ _____)		

H. **Unit Price Bid Items:** Unit Price Bid Items shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work specified for each of the Unit Price Bid Items as described for that item of work in the Drawings and Specifications. These bid items should not include overhead and profit to complete work other than for these bid items. These bid items are separate from the Contract Base Bid Price, but will be included under the Total Contract Bid Price.

1. Payment under unit price bid items listed below would only be made for the quantity of work completed and accepted in variance to the indicated quantities, respectively.
2. Any such work in variance to the respective base quantities will only be approved and accepted by the Owner under written authorization of respective variance quantities prior to completion of the work items. Actual quantities will be measured and verified in the field by the Engineer. As such, respective base quantities shown below are for bidder's reference in preparing the Base Bid price referenced above.
3. The following unit price items include all labor, materials, tools, equipment, overhead, profit, insurances, etc. to cover the finished work of the several kinds called for. The unit price for each of the several items in the Proposal of each Bidder shall include its pro rata share of overhead and profit so that the sum of the products obtained by multiplying the quantity shown for each item by the unit price Bid represents the Total Bid. The special attention of all Bidders is called to this provision, for should conditions make it necessary to revise the quantities or unit price, no limit will be fixed for such increased or decreased quantities nor extra compensation allowed, provided the net monetary value of all such additive and subtractive changes in quantities of such items or work (i.e., difference in cost) shall not increase or decrease the original contract price by more than twenty-five percent (25%) except for work not covered in the Contract Documents.

**Unit Price Bid Items** (Note: the unit price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

**Unit Bid Items within City of Central Falls**

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount</u>
UP-1	<b>Curbside Bioretention Planter</b>	LF	_____	112	\$ _____
			Dollars and _____		
			Cents (\$ _____)		
UP-7	<b>Standard-Duty Cement Concrete Sidewalk</b>	SF	_____	1640	\$ _____
			Dollars and _____		
			Cents (\$ _____)		
UP-8	<b>Heavy-Duty Cement Concrete Sidewalk</b>	SF	_____	205	\$ _____
			Dollars and _____		
			Cents (\$ _____)		

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount</u>
UP-9	Vertical Face Roadway Granite Curb	LF	_____ Dollars and _____ Cents (\$ _____)	150	\$ _____

**Unit Bid Items within City of Pawtucket**

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount</u>
UP-1.1	Curbside Bioretention Planter	LF	_____ Dollars and _____ Cents (\$ _____)	345	\$ _____
UP-2.1	Tree Filter Box 4'x6'	Each	_____ Dollars and _____ Cents (\$ _____)	7	\$ _____
UP-3.1	Tree Filter Box 4'x8'	Each	_____ Dollars and _____ Cents (\$ _____)	7	\$ _____
UP-4.1	Tree Filter Box 4'x10'	Each	_____ Dollars and _____ Cents (\$ _____)	6	\$ _____
UP-5.1	Tree Pit (4'x4')	Each	_____ Dollars and _____ Cents (\$ _____)	2	\$ _____
UP-6.1	Permeable Pavers	SF	_____ Dollars and _____ Cents (\$ _____)	2,000	\$ _____
UP-7.1	Standard-Duty Cement Concrete Sidewalk	SF	_____ Dollars and _____ Cents (\$ _____)	12,600	\$ _____
UP-8.1	Heavy-Duty Cement Concrete Sidewalk	SF	_____ Dollars and _____ Cents (\$ _____)	355	\$ _____
UP-9.1	Vertical Face Roadway Granite Curb	LF	_____ Dollars and _____ Cents (\$ _____)	1,475	\$ _____

- I. Total Contract Bid Price: The Total Contract Bid Price shall be the total of the Contract Base Bid Price in addition to the Add/Deduct Bid Items, Unit Price Bid Items (at the estimated quantities), the Bid Alternates, and the stated Allowances. (Note: the price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

**Total Contract Bid Price (Lump Sum) within the City of Pawtucket:**

\$.....dollars,  
(amount in words)

(\$.....) in lawful money of the United States of America and,  
(amount in figures)

**Total Contract Bid Price (Lump Sum) within the City of Central Falls:**

\$.....dollars,  
(amount in words)

(\$.....) in lawful money of the United States of America and,  
(amount in figures)

- J. The unit price bid items have been provided should the Total Contract Bid Prices exceed available project funding. The Total Contract Bid Prices for each City will be adjusted accordingly as directed by the Owner and/or Engineer depending on combination of quantities of unit bid price items that will allow the Total Contract Bid Price to meet project funding limitations.

**1.01 BID ALTERNATES:**

- A. A separate lump sum unit price shall be provided for each Bid Alternate. Each individual lump sum unit price shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work specified for each of the Bid Alternate Items as described for that item of work in the Drawings and Specifications.
- B. Although the price for each bid alternative item shall be included under the Total Contract Bid Price, alternates will be executed at the Owner’s option. One or more alternates may be chosen. Accepted Alternates will be listed in the Owner/Contractor Agreement. Alternates as quoted are for provision of adjustments to the Total Contract Bid Price prior to Contract Award.

**Bid Alternate Items** (Note: the unit price for each item must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount Increase To Total Contract Bid Price</u>
ALT-1	Barton Street Parklet Trellis	LS	_____ Dollars and _____ Cents (\$ _____)	1	\$ _____
ALT-2	Conant Street Parklet Trellis	LS	_____ Dollars and _____ Cents (\$ _____)	1	\$ _____

1.02 ALLOWANCES:

- A. A separate lump sum price shall be provided for each allowance item. Each individual lump sum price shall include all overhead, profit, labor, tools, materials, and equipment, and all other incidentals required to finish the work specified for each of the Allowance Items.
- B. Although the price for each bid alternative item (as listed below) shall be included under the Total Contract Bid Price, adjustment to the Total Contract Bid Price shall be made at the end of the project once the actual costs for each are determined. Any difference between the allowance and the actual cost will be either: credited back to the Owner if the costs are lower than the allowance or added to the cost of the allowance if exceeded.
- C. As part of the Total Contract Bid Price, the Bidder agrees to carry the following allowances.

**Allowance Items within the City of Central Falls** (Note: the unit price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount Within Total Contract Bid Price</u>
ALL-1	Flaggers	LS	Seven Thousand and Five Hundred	1	\$ 7,500
			Dollars and Zero		
			Cents (\$ 7,500 )		
ALL-2	Police	LS	Seven Thousand and Five Hundred	1	\$ 7,500
			Dollars and Zero		
			Cents (\$ )		

**Allowance Items within the City of Pawtucket** (Note: the unit price must be written in words and figures. In case of discrepancy, the amount shown in words will govern.)

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Words &amp; Figures</u>	<u>Quantity</u>	<u>Amount Within Total Contract Bid Price</u>
ALL-1.1	Flaggers	LS	Seventy-five Thousand	1	\$ 75,000
			Dollars and Zero		
			Cents (\$ 75,000 )		
ALL-2.1	Police	LS	Seventy-Five Thousand	1	\$ 75,000
			Dollars and Zero		
			Cents (\$ 75,000 )		

- D. We have included herewith, the bid form including base bid, unit price bid alternates, and allowances in addition to the required security deposit or Bid Bond as required by the Instruction to Bidders.



## 2.00 ACCEPTANCE:

If this Bid is accepted within the time stated in the contract documents, and we fail to commence the Work, the Bid Bond shall be forfeited as damages to the Owner by reason of our failure, limited in amount to the lesser of the face value of the Bid Bond or the difference between this Bid and the Bid upon which the Contract is executed.

In the event our Bid is not accepted within the time stated in the contract documents, the required Bid Bond shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

The undersigned bidder acknowledges that this project is subject to Chapter 37-14.1 of the Rhode Island General Laws, and regulations promulgated thereunder, which require that ten percent of the dollar value of work performed on the project be performed by minority business enterprises. The undersigned bidder acknowledges its obligation to meet the ten percent (10%) requirement under these regulations.

The Cities of Pawtucket and Central Falls reserve the right to increase or decrease the quantities stated in the bid at the unit prices quoted.

3.00 BID FORM SIGNATURE(S)

The Corporate Seal of

---

(Bidder - please print the full name of your Proprietorship, Partnership, or Corporation)

was hereunto affixed in the presence of:

---

(Authorized signing officer      Title)

(Seal)

---

(Authorized signing officer      Title)

If the Bid is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

**NON-COLLUSION AFFIDAVIT OF PRIME BIDDER**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) .ss

\_\_\_\_\_ ,  
being first duly sworn, deposes and says that;

(1) He is \_\_\_\_\_ (owner, partner, officer, representative or agent) \_\_\_\_\_ of \_\_\_\_\_ , the BIDDER that has submitted the attached bid;

(2) He is fully informed respecting the preparation and contents of the attached Bid and all pertinent circumstances respecting such Bid;

(3) Such Bid is genuine and is not a collusive or sham Bid;

(4) Neither the said BIDDER nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including the affiant, has in any way colluded, conspired or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such a contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other BIDDER, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other BIDDER, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Local Government or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the BIDDER or any of its agents, representatives, owners, employees or parties in interest including this affiant.

(Signed) \_\_\_\_\_  
\_\_\_\_\_  
(Title)

Subscribed and sworn to before me  
This \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

My Commission Expires \_\_\_\_\_

**CERTIFICATE OF COMPLIANCE WITH TAX LAWS**

I, \_\_\_\_\_ of \_\_\_\_\_, certify  
under \_\_\_\_\_, certify  
*(principal)* *(corporation)*  
pains and penalties of perjury that said corporation has complied with all the laws of the State of Rhode Island  
and Providence Plantations relating to taxes.

\_\_\_\_\_  
Date \_\_\_\_\_ Signature \_\_\_\_\_  
\_\_\_\_\_  
Title \_\_\_\_\_  
\_\_\_\_\_  
Federal Tax Identification Number \_\_\_\_\_

END OF SECTION

## **Attachment D: Stamped Plans Issued for Bid**

***THIS UPDATED STAMPED PLAN SET SUPERCEDES THE PREVIOUSLY UNSTAMPED PLAN SET ISSUED IN THE REQUEST FOR PROPOSALS.***



# PINE STREET NORTH

PAWTUCKET & CENTRAL FALLS, RHODE ISLAND

## GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS

CONSTRUCTION PLAN SET

FEBRUARY 14, 2025

### PREPARED FOR

#### CITY OF PAWTUCKET

DEPARTMENT OF PLANNING & REDEVELOPMENT  
137 ROOSEVELT AVENUE  
PAWTUCKET, RHODE ISLAND 02860

THE HONORABLE DONALD R. GREBIEN, MAYOR

### AND

#### CITY OF CENTRAL FALLS

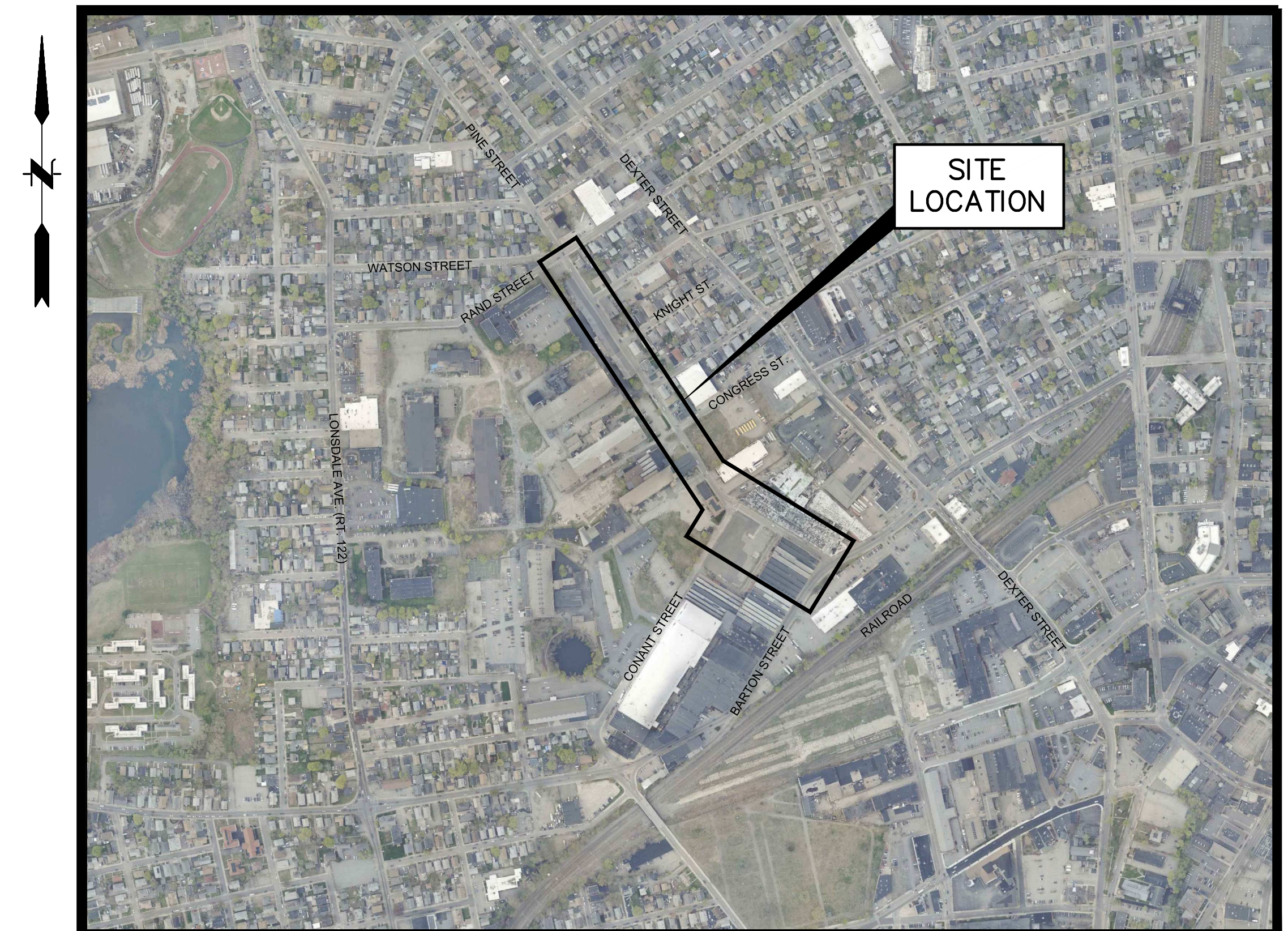
DEPARTMENT OF PLANNING & ECONOMIC  
DEVELOPMENT  
1280 HIGH STREET  
CENTRAL FALLS, RHODE ISLAND 02863

THE HONORABLE MARIA RIVERA, MAYOR



### SHEET INDEX

Sheet no.	Sheet Title
GI-001	COVER SHEET
CN-001	GENERAL NOTES AND LEGEND
CS-101 -	EXISTING CONDITIONS PLAN NOS. 1-2
CS-102	
CS-103 -	SITE PREPARATION PLAN NOS. 1-2
CS-104	
CS-105 -	SITE LAYOUT PLAN NOS. 1-2
CS-106	
CS-107 -	SITE LAYOUT ENLARGEMENT PLAN NOS. 1-3
CS-109	
LP-101 -	LANDSCAPE ENLARGEMENT PLAN NOS. 1-3
LP-103	
LP-104 -	LANDSCAPE NOTES & DETAILS SHEET NOS. 1-2
LP-105	
CT-101 -	TRAFFIC MANAGEMENT PLAN NOS. 1-2
CT-102	
CD-501 -	CONSTRUCTION DETAILS
CD-505	



LOCATION MAP

SCALE: 1" = 500'

### PROJECT TEAM

FUSS & O'NEILL, INC.  
ENGINEER AND LANDSCAPE ARCHITECT  
317 IRON HORSE WAY (SUITE 204)  
PROVIDENCE, RHODE ISLAND 02908  
401-861-3070

NATIONAL LAND  
SURVEYORS-DEVELOPERS, INC.  
LAND SURVEYOR  
42 HAMLET AVENUE  
WOONSOCKET, RHODE ISLAND 02895  
401-769-7779

### PREPARED BY

**FUSS &  
O'NEILL**

317 IRON HORSE WAY, SUITE 204  
PROVIDENCE, RI 02908  
401.861.3070  
www.fando.com



PROJ. No.: 20150951.C30  
DATE: FEBRUARY 14, 2025

GI-001



EXIST	PROP	
		PROPERTY LINE/RIGHT-OF-WAY
		CENTERLINE
		LIMIT OF DISTURBANCE
		EDGE OF PAVEMENT
		GRANITE CURB
		SAW CUT
		MATCH LINE
		MATCH LINE (SEE SHEET 2 OF 2)
		DOUBLE YELLOW LINE
		STOP LINE
		CHAIN LINK FENCE
		TREE LINE
		MINOR CONTOUR
		MAJOR CONTOUR
		BUILDING
		BOLLARD
		SIGN
		CROSSWALK
		STANDARD CEMENT CONCRETE SIDEWALK
		HEAVY DUTY CEMENT CONCRETE SIDEWALK
		HANDICAP RAMP
		TOP & BOTTOM ELEVATION
		SPOT ELEVATION w/LEADER
		SPOT ELEVATION
		IRON PIN
		BOUND
		SOIL BORING
		MONITORING WELL
		TEST PIT LOCATION
		CONTROL POINT
		BENCHMARK
		DRAINAGE LINE
		OVERHEAD ELECTRIC WIRES
		TELECOMMUNICATION LINE
		WATER LINE
		GAS LINE
		UNDERGROUND ELECTRIC
		SEWER LINE
		DRAIN LINE
		SEWER/RAIN LINE
		CATCH BASIN
		DOUBLE CATCH BASIN
		DRAIN INLET
		DRAIN MANHOLE
		TELEPHONE MANHOLE
		SEWER MANHOLE
		CLEAN OUT
		WATER MANHOLE
		WATER GATE/VALVE
		GAS GATE/VALVE
		UTILITY POLE
		FIRE HYDRANT
		GAS GATE
		LIGHT POST
		LIGHT POLE W/SHIELDS
		GUY POLE/WIRE
		SILT FENCE
		TRAFFIC LIGHT POLE

**ABBREVIATIONS:**

GENERAL APPROX	APPROXIMATE	UTILITY
BIT	BITUMINOUS PAVEMENT	BSI
BW	BOTTOM OF WALL	CBN
CONC.	CONCRETE	CBN CI
ELEV	ELEVATION	CI
EXIST	EXISTING	CMP
FND	FOUND	CMP
GC	GRANITE CURB	DI
MAX	MAXIMUM	DI
MIN	MINIMUM	DMH
NTS	NOT TO SCALE	DMH CI
PCC	PRECAST CONCRETE CURB	HDPE
PROP	PROPOSED	HYD
R&D	REMOVE AND DISPOSE	INV
R&R	REMOVE AND RESET	LP
R&S	REMOVE AND STACK	MH
TOS	TOP OF SLOPE	OH
TW	TOP OF WALL	OHV
TP	TYPICAL	PVC
VGC	VERTICAL GRANITE CURB	RCF
		SMH
		UP
		BARE STEEL
		CATCH BASIN
		CATCH BASIN WITH CURB INLET STONE
		CAST IRON
		CORRUGATED METAL PIPE
		CORRUGATED POLYETHYLENE PIPE
		DUCTILE IRON PIPE
		DRAIN MANHOLE
		DRAIN MANHOLE WITH CURB INLET STONE
		HIGH DENSITY POLYETHYLENE
		HYDRANT
		INVERT ELEVATION
		LOW PRESSURE
		MANHOLE
		OVERHEAD
		OVERHEAD WIRES
		POLYVINYL CHLORIDE PIPE
		REINFORCED CONCRETE PIPE
		SEWER MANHOLE
		UTILITY POLE

**GENERAL NOTES**

- REFERENCES:**
  - THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED AUGUST 2024 WITH ALL REVISIONS AND ADDENDA, ARE MADE A PART HEREOF, AS IF ATTACHED HERETO. ALL REFERENCES TO "STATE STANDARD SPECIFICATIONS" SHALL REFER TO THE LATEST EDITION OF THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTIONS.
  - THE STATE OF RHODE ISLAND STANDARD DETAILS, OCTOBER 21, 2022 EDITION, AND ALL CURRENT REVISIONS, ARE MADE A PART HEREOF, AS IF ATTACHED HERETO. ALL REFERENCES TO "STATE STANDARD DETAILS" OR "R.I. STD. ##" SHALL REFER TO THE LATEST EDITION OF THE STATE OF RHODE ISLANDS STANDARD DETAILS.
- EXISTING CONDITIONS:**
  - SURVEY:** PROPERTY BOUNDARY AND TOPOGRAPHICAL INFORMATION WERE OBTAINED FROM THE FOLLOWING SURVEY PLANS PREPARED BY NATIONAL SURVEYORS-DEVELOPERS, INC.:
    - BOUNDARY SURVEY & EXISTING CONDITIONS PLAN FOR INTERSECTION OF PINE STREET & BARTON STREET, PAWTUCKET, RHODE ISLAND, DATED DECEMBER 2019 (SHEET 1 OF 1).
    - EXISTING TOPOGRAPHICAL CONDITIONS PLANS FOR PINE STREET (BARTON STREET-RAND STREET), PAWTUCKET & CENTRAL FALLS, RHODE ISLAND, DATED SEPTEMBER 2021 (SHEETS 1-4).
    - THE BOUNDARY SURVEY & EXISTING CONDITIONS PLAN FOR THE INTERSECTION OF PINE STREET & BARTON STREET ADHERES TO A CLASS III DATA ACCUMULATION SURVEY AND A CLASS I COMPREHENSIVE BOUNDARY SURVEY.
    - THE EXISTING TOPOGRAPHICAL CONDITIONS PLANS FOR PINE STREET FROM BARTON STREET TO RAND STREET ADHERES TO A CLASS III DATA ACCUMULATION SURVEY.
  - THIS SURVEY AND PLAN DOES NOT SHOW ANY PRESCRIPTIVE EASEMENTS OR SUFFICIENT EVIDENCE BY WHICH ANY DETERMINATION CAN BE MADE BY THIS SURVEYOR OR OTHERS ABOUT THE EXTENT OF PRESCRIPTIVE EASEMENTS ON THIS PROPERTY. SUCH EASEMENTS COULD EXIST ON THIS PROPERTY AND NOT APPEAR ON THIS PLAN. USERS OF THIS PLAN ARE THEREFORE WARNED TO BE ON THE ALERT FOR THE EXISTENCE OF PRESCRIPTIVE EASEMENTS NOT SHOWN HEREON.
  - THIS SURVEY DOES NOT INTEND TO ASSURE THE USER OF THIS PLAN THE EXISTENCE OR NONEXISTENCE OF ANY UNDERGROUND UTILITIES OR APPURTENANCES ON THIS PROPERTY, ON SITE, OR WITHIN THE PUBLIC/PRIVATE WAYS. ANY DATA SHOWN HEREON WAS COMPILED FROM THE AVAILABLE SOURCES, UTILITIES THAT WERE SCALING AND OTHER PLANS SHALL BE VERIFIED BY OTHERS. ABOVE GROUND UTILITIES ARE LOCATED AS OBSERVED IN THE FIELD.
  - ABUTTER INFORMATION WAS TAKEN FROM THE LATEST TAX ASSESSOR RECORDS AND IS NOT A DETERMINATION OF TITLE.
  - THE HORIZONTAL DATUM IS BASED UPON RHODE ISLAND STATE PLAN COORDINATES NAD 1983 DATUM. THE CONTOURS AND TOPOGRAPHICAL INFORMATION SHOWN HEREIN ARE BASED UPON THE NAVD 88 VERTICAL DATUM.
  - PLANS REFERENCED AS PART OF SURVEY EFFORTS INCLUDED:
    - PAWTUCKET, R.I. CITY ENGINEERS OFFICE: PAWTUCKET REDEVELOPMENT AGENCY, COMMUNITY DEVELOPMENT PROGRAM P-004-1 STREET IMPROVEMENTS, BARTON STREET RECONSTRUCTION, GENERAL PLAN STA. 191+00 TO STA. 244+00, WATERMAN ENGINEERING COMPANY, EAST PROVIDENCE RHODE ISLAND, MARCH 1976, SCALE 1"=20', SHEET 6 OF 23.
    - PAWTUCKET ENGINEERING DEPARTMENT: BARTON STREET LAYOUT, PLAN NUMBER 03347, OFFICE NUMBER 2820, DRAWER 3, DATED JULY 1901.
    - PAWTUCKET ENGINEERING DEPARTMENT: BARTON STREET LAYOUT, PLAN NUMBER 02969, OFFICE NUMBER 2526, DRAWER 73, SHEET 10, DATED JULY 1900.
    - PAWTUCKET ENGINEERING DEPARTMENT: BARTON STREET LAYOUT PLAN & PROFILE, PLAN NUMBER 0495, OFFICE DRAWER 16, SHEET 20, DATED 1890 BY D.L. WILKINSON, C.E.
    - STREET LINES SHOWN HEREIN ARE SUBJECT TO MODIFICATION AS MORE EVIDENCE IS BROUGHT FORTH IN SUBSEQUENT SURVEYS AND OR ADDITIONAL LAND EVIDENCE.
- FLOOD ZONE:**

THE SUBJECT SITE LIES WITHIN ZONE X, AN AREA OF MINIMAL FLOOD HAZARD, PER FLOOD INSURANCE RATE MAP (FIRM) PANEL NO. 44007C0194J FOR PROVIDENCE COUNTY (EFFECTIVE DATE 10/2/2015).
- UTILITIES:**

THE LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY, HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION, AND HAVE NOT YET BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES (BOTH OVERHEAD AND UNDERGROUND) PRIOR TO COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR IS TO CONTACT 'DIG SAFE' AT 1-888-344-7233, 72 HOURS PRIOR, EXCLUDING WEEKENDS AND HOLIDAYS, TO ANY EXCAVATION PERFORMED ON SITE. ADDITIONALLY, NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR CITY WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK ARE ALSO NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
- DRAIN INLET SEDIMENTATION PROTECTION MEASURE INSTALLATION NOTE:**

INSTALL CATCH BASIN INLET PROTECTION OR CURB INLET PROTECTION IN EXIST. STRUCTURES AS INDICATED ON THE PLANS AND WITHIN NEWLY INSTALLED DROP INLETS OR CATCH BASINS UNTIL PERMANENT SURFACE TREATMENT HAS BEEN ACHIEVED IN PAVED AREAS AND ADJACENT UNPAVED AREAS.
- UTILITY NOTES:**
  - DURING EXCAVATION AND PRIOR TO INSTALLATION OF STORMWATER IMPROVEMENTS (I.E. BIORETENTION PLANTERS, INLET CHANNELS, OVERFLOW STRUCTURES, ETC.), THE CONTRACTOR SHALL VERIFY THE ACTUAL DEPTH AND LOCATION OF UTILITY MAINS AND SERVICES AT LOCATIONS WHERE THE PROPOSED STORMWATER MANAGEMENT SYSTEMS AND ASSOCIATED PIPING WILL CROSS SUCH MAINS AND SERVICES OR BE INSTALLED IN CLOSE PROXIMITY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OR POTENTIAL CONFLICTS PRIOR TO INSTALLING STORMWATER IMPROVEMENTS.
  - THE REMOVAL AND REPLACEMENT OF ANY GAS OR ELECTRIC MAINS AND SERVICES SHALL BE AS DIRECTED BY NATIONAL GRID.
- TRAFFIC CONTROL:**
  - PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR SHALL ERECT ALL SIGNS, BARRICADES, AND OTHER DEVICES TO SECURE THE SITE AND CREATE A SAFE WORKING ENVIRONMENT IN ACCORDANCE WITH THE MANULA OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND APPROVED TRAFFIC MANAGEMENT PLANS. OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER TO MINIMIZE INCONVENIENCE TO TRAFFIC AND ABUTTING PROPERTY OWNER ACCESS.
  - ALL TRAFFIC CONTROL (INCLUDING TEMPORARY SIGNAGE, PERMANENT SIGNAGE, AND LAND SHIFTS) SHALL CONFORM TO THE LATEST EDITION OF THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND AS DEPICTED ON THE TRAFFIC CONTROL PLAN.

- ALL SIGN MOUNTINGS FOR TEMPORARY AND CONSTRUCTION SIGNS SHALL BE IN ACCORDANCE WITH RIDOT STANDARD SPECIFICATIONS, LATEST EDITION.
- THE CONTRACTOR SHALL COVER ALL EXISTING AND/OR TEMPORARY SIGNS THAT ARE NOT RELEVANT TO THE TRAFFIC CONTROL REQUIRED DURING ANY PARTICULAR STAGE OF CONSTRUCTION.
- POLICE OFFICERS (AND NOT FLAGGERS) SHALL BE UTILIZED WHEN WORK WILL IMPACT PINE STREET INTERSECTIONS WITH BARTON STREET AND RAND STREET.
- POLYETHYLENE DRUMS SHALL BE UTILIZED AS A CHANNELIZING DEVICE WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN BEYOND WORKING HOURS WHEN NO WORKERS ARE PRESENT. CONES SHALL BE UTILIZED WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN ONLY DURING WORKING HOURS AND IS SUBSEQUENTLY BROKEN DOWN AT THE END OF THE WORKDAY.
- TEMPORARY CONSTRUCTION SIGNS AND OTHER WORK ZONE TRAFFIC CONTROL DEVICES THAT ARE DAMAGED OR REQUIRE RELOCATION SHALL BE REPLACED AS NECESSARY AND/OR RELOCATED AS INDICATED ON THE TRAFFIC MANAGEMENT PLANS.
- PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED ON THE TRAVEL LANES OR SHOULDERS.
- TEMPORARY CONSTRUCTION SIGNS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC, AND SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER APPROPRIATE.
- ALL WORK AND GRADING SHALL BE IN CONFORMANCE WITH THE 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBILITY DESIGN, WITH LATEST REVISIONS.
- UTILITY LATERAL PROTECTION, SUPPORT, REPLACEMENT, OR INTERRUPTION:**
  - THE CONTRACTOR SHALL COORDINATE THE PROTECTION AND SUPPORT, REPLACEMENT, OR INTERRUPTION TO GAS MAINS OR SERVICE LATERALS WITHIN EXCAVATIONS IN THE RIGHT-OF-WAY WITH NATIONAL GRID. ANY REPAIR OR REPLACEMENT OF GAS SERVICE MAINS AND/OR LATERALS SHALL BE IN ACCORDANCE WITH THE GAS COMPANY'S RULES AND REGULATIONS. ANY EXISTING GAS MAINS AND SERVICES TO REMAIN SHALL BE SUFFICIENTLY PROTECTED AND SUPPORT DURING CONSTRUCTION.
  - THE CONTRACTOR SHALL COORDINATE THE PROTECTION AND SUPPORT, REPLACEMENT, OR INTERRUPTION TO WATER MAINS, HYDRANTS, AND LATERALS WITHIN EXCAVATIONS IN THE RIGHT-OF-WAYS WITH THE PAWTUCKET WATER SUPPLY BOARD (FOR WORK IN PAWTUCKET) OR THE CENTRAL FALLS WATER DEPARTMENT (FOR WORK IN CENTRAL FALLS). ANY REPAIR, REPLACEMENT, OR RELOCATION OF WATER LATERALS, MAINS, AND/OR HYDRANTS SHALL BE IN ACCORDANCE WITH THE PERTINENT BOARDS RULES AND REGULATIONS. ANY EXISTING WATER MAINS AND SERVICES SHALL BE SUFFICIENTLY PROTECTED AND SUPPORTED DURING CONSTRUCTION.
  - THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS, IN WRITING, AT LEAST (7) BUSINESS DAYS PRIOR TO ANY INCONVENIENCE OR DISRUPTION AS A RESULT OF CONSTRUCTION.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY OR OWNER AS APPLICABLE TO STABILIZE LIGHT POLES AND POWER POLES IN CLOSE PROXIMITY TO EXCAVATIONS AND AS INDICATED ON THE DRAWINGS.

**GENERAL CONSTRUCTION REQUIREMENTS**

- THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSPECTIONS, BONDS, ETC. AND OTHER APPROVAL RELATED ITEMS WITH THE CITY OF PAWTUCKET. NO CONSTRUCTION SHALL COMMENCE UNTIL SUCH PERMITS HAVE BEEN SECURED.
- THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE ANY EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF NECESSARY. THE EXISTENCE AND/OR LOCATION OF UTILITIES SHOWN ON THESE PLANS MAY BE ONLY APPROXIMATELY CORRECT, AND THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN HEREON AND ANY OTHER EXISTING UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS/HER EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, WITH MATCHING MATERIALS, ANY PAVEMENT, WALKS, CURBS, ETC. THAT MUST BE CUT OR THAT ARE DAMAGED DURING CONSTRUCTION.
- AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.
- CONTRACTOR SHALL IDENTIFY TREES OR VEGETATION TO BE REMOVED PRIOR TO CONSTRUCTION AND MARK THEM WITH CONSTRUCTION TAPE FOR REVIEW BY THE OWNER AND ARCHITECT. CONTRACTOR SHALL NOT REMOVE TREES OR VEGETATION UNTIL REVIEWED AND APPROVED BY THE OWNER.
- THE CONTRACTOR SHALL RESTORE DISTURBED AREAS TO ORIGINAL CONDITION. AREAS DAMAGED DURING CONSTRUCTION SHALL BE RESEDED, RESEED, OR OTHERWISE RESTORED TO THEIR ORIGINAL STATE. TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHEREVER FEASIBLE.

**EROSION CONTROL NOTES**

- DISTURBANCE OF SOIL SURFACES IS REGULATED BY STATE LAW AND LOCAL ORDINANCE. ALL WORK SHALL COMPLY WITH THE FOLLOWING CRITERIA TO PREVENT OR MINIMIZE SOIL EROSION.
- THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IS THE RESPONSIBILITY OF THE CONTRACTOR. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE PLAN, OR AS DIRECTED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND THE CITIES OF PAWTUCKET AND CENTRAL FALLS. AN EROSION CONTROL DEVICES SHALL BE MAINTAINED IN EFFECTIVE CONDITION DURING CONSTRUCTION.
- THE CONTRACTOR SHALL USE THE LATEST EDITION OF THE "STATE OF RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THE PLANS. ALL EROSION AND SEDIMENT CONTROL MEASURES OR WORKS AND REHABILITATION MEASURES MUST CONFORM TO OR EXCEED THE SPECIFICATIONS OR STANDARDS SET OUT IN THIS HANDBOOK.
- THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, MAINTENANCE, AND/OR REPLACEMENT OF ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES TO ENSURE PROPER OPERATION THROUGHOUT THE LIFE OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF PERMANENT MEASURES UNTIL CONSTRUCTION OF THE PROJECT IS COMPLETED OR UNTIL IT IS ACCEPTED BY THE OWNER. THE OWNER IS RESPONSIBLE THEREAFTER.

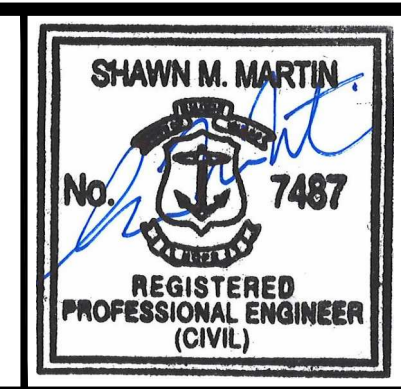
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, CONTROL DUST, AND TAKE ALL NECESSARY MEASURES TO ENSURE THAT THE SITE AND ALL ROADS BE MAINTAINED IN A MUD-FREE AND DUST-FREE CONDITION AT ALL TIMES THROUGHOUT THE LIFE OF THE CONTRACT. DUST CONTROL SHALL INCLUDE, BUT IS NOT LIMITED TO, WATER AND/OR CRUSHED STONE OR COARSE GRAVEL, SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL INSTALL ALL PERIMETER SEDIMENT CONTROL BARRIERS AS SHOWN ON THE SITE PLANS OR AS MAY BE REQUIRED TO PREVENT SEDIMENT FLOW TO STORM DRAINS OR SURFACE WATERS. SILT FENCE SHALL ALSO BE INSTALLED AROUND ANY SOIL STOCKPILE AREAS. CLEANOUT OF ACCUMULATED SEDIMENT BEHIND PERIMETER SEDIMENT CONTROL BARRIER IS NECESSARY IF ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER BECOMES FILLED WITH SEDIMENT. REPLACE BARRIER IMMEDIATELY IF BARRIER DECOMPOSED OR BECOMES INEFFECTIVE.
- STOCKPILED SOIL MATERIALS TO BE LEFT STOCKPILED FOR MORE THAN 30 DAYS SHALL BE PROTECTED WITH TEMPORARY SEEDING, EROSION CONTROL MATTING, MULCHING, OR OTHER APPROVED MEASURE.
- IF TEMPORARY SEEDING USED, TEMPORARY SEEDING OF STOCKPILES SHOULD BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF THE STOCKPILE. TEMPORARY SEEDING MAY BE APPLIED ANYTIME BETWEEN MARCH 15 THROUGH NOVEMBER 15. TEMPORARY SEEDING SHALL CONSIST OF 60% OF ANNUAL OR PERENNIAL RYEGRASS AND 40% OF MILLET OR SUDANGRASS OR 100% OF WINTER RYE. ANNUAL OR PERENNIAL RYEGRASS SHALL BE PLANTED AT A RATE OF 1.5 POUNDS PER 1,000 SQUARE FEET, WINTER RYE SHALL BE PLANTED AT A RATE OF 2.5 POUNDS PER 1,000 SQUARE FEET, AND MILLET OR SUDANGRASS SHALL BE PLANTED AT A RATE OF 1.0 POUND PER 1,000 SQUARE FEET.
- IF MULCHING IS USED AS AN EROSION CONTROL APPLICATION, MULCHING MUST BE INSPECTED PERIODICALLY IN PARTICULAR AFTER RAINSTORMS, TO CHECK FOR RILL EROSION. WHERE EROSION IS OBSERVED, ADDITIONAL MULCH MUST BE APPLIED. STRAW MULCH, WOOD FIBER MULCH, AND HYDROMULCH ARE RECOMMENDED. STRAW MULCH SHOULD BE APPLIED AT A RATE OF 2 TONS PER ACRE, WOOD FIBER MULCH SHOULD BE APPLIED AT A RATE OF 1,500-2,000 POUNDS PER ACRE, OR HYDROMULCH APPLIED AT A RATE OF 1,500 POUNDS PER ACRE. WOOD FIBER MULCH SHOULD NOT BE USED ALONE IN THE WINTER OR DURING HOT, DRY WEATHER. STRAW OR HAY MULCH MUST BE ANCHORED IMMEDIATELY AFTER SPREADING TO PREVENT WINDBLOWING.
- IF MATTING IS USED, THE MATTING SHALL BE INSPECTED AFTER RAINSTORMS FOR DISLOCATION OR FAILURE.
- ANY EXISTING OR PROPOSED STORMWATER DRAINAGE STRUCTURES THAT MAY BE SUBJECT TO SEDIMENTATION SHALL BE PROTECTED WITH APPROVED MEASURES THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- ALL EXCESS EXCAVATED MATERIALS, EXCESS FILL, EXCESS CONSTRUCTION MATERIALS, AND DEBRIS SHALL BE REMOVED FROM THE SITE AND SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS.
- WASTE DISPOSAL: MATERIALS WHICH COULD BE A POTENTIAL SOURCE OF STORMWATER POLLUTION SUCH AS GASOLINE, DIESEL FUEL, HYDRAULIC OIL, ETC., SHALL BE STORED AT THE END OF EACH DAY IN A STORAGE TRAILER OR COVERED LOCATION AND TAKEN OFF-SITE AND PROPERLY DISPOSED OF. ALL TYPES OF WASTE GENERATED AT THIS SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH STATE LAW AND/OR REGULATIONS.
- GOOD HOUSEKEEPING: THE PROJECT SITE SHALL PROVIDE FOR THE MINIMIZATION OF EXPOSURE OF CONSTRUCTION DEBRIS (INCLUDING, BUT NOT LIMITED TO, INSULATION, WRING, PAINTS AND PAINT CANS, SOLVENTS, WALL BOARD, ETC.) TO PRECIPITATION BY MEANS OF DISPOSAL AND/OR PROPER SHELTER OR COVER. CONSTRUCTION WASTE MUST BE PROPERLY DISPOSED OF IN ORDER TO AVOID EXPOSURE TO PRECIPITATION AT THE END OF EACH WORKING DAY.

**SPILL PREVENTION AND RESPONSE PROCEDURE**

- CONTROL OF ALLOWABLE NON-STORMWATER DISCHARGES: IF ALLOWABLE NON-STORM WATER DISCHARGES ARE OCCURRING AT THE SITE, SUCH DISCHARGES SHALL BE VISUALLY OBSERVED AND RECORDED AS OUTLINED BELOW AND IN ACCORDANCE WITH PART II OF THE RIDPE'S GENERAL PERMIT. THE LIST OF EXPECTED SOURCES OF ALLOWABLE NON-STORM WATER DISCHARGES FOR THIS PROJECT ARE AS FOLLOWS: (1) DISCHARGE FROM VEHICLE WASHDOWN WHERE NO DETERGENTS ARE USED, (2) EXTERNAL BUILDING WASHDOWN WHERE NO DETERGENTS ARE USED, (3) THE USE OF WATER TO CONTROL DUST, (4) FIRE HYDRANT FLUSHINGS, (5) LAWN WATERING, (6) IRRIGATION DRAINAGE, AND (7) PAVEMENT WASHWATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILLED MATERIALS HAVE BEEN REMOVED) AND WHERE NO DETERGENTS ARE USED.
- ANY INADVERTENT OR DELIBERATE DISCHARGE OF WASTE OIL OR ANY OTHER POLLUTANT TO THE STORMWATER DISPOSAL SYSTEM REQUIRES IMMEDIATE NOTIFICATION TO THE RIDEM OIL POLLUTION CONTROL PROGRAM AT (401) 277-2284, AS PER THE OIL POLLUTION CONTROL REGULATIONS. DURING NON-WORKING HOURS, NOTIFICATION OF SPILLS CAN BE MADE TO THE RIDEM DIVISION OF ENFORCEMENT AT (401) 222-3070 (THE 24-HOUR EMERGENCY RESPONSE PHONE NUMBER).
- ANY INCIDENT OF GROUNDWATER CONTAMINATION RESULTING FROM THE IMPROPER DISCHARGE OF POLLUTANTS TO THE STORMWATER DISPOSAL SYSTEM SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AS WELL AS ANY OTHER PARTIES THAT THE RIDEM DETERMINES TO BE RESPONSIBLE FOR THE CONTAMINATION. PURSUANT TO STATE LAWS AND REGULATIONS, THE RIDEM MAY REQUIRE THE PROPERTY OWNER AND OTHER RESPONSIBLE PARTIES TO REMEDIATE ANY INCIDENTS THAT MAY ADVERSELY IMPACT GROUNDWATER QUALITY.
- UPON TRANSFER OF THE PROPERTY, THE NEW OWNER(S) SHALL BE INFORMED AS TO THE LEGAL RESPONSIBILITIES ASSOCIATED WITH DISPOSAL SYSTEM, AS INDICATED ABOVE.
- THE OWNER(S) WILL CREATE A MAINTENANCE LOG, SHOWING THE DATE, TIME, NAME OF INSPECTOR, INSPECTION COMMENTS, AND ANY ACTIONS TAKEN BASED ON THE ABOVE REFERENCE SCHEDULE.
- THE CITIES OF PAWTUCKET AND CENTRAL FALLS SHALL BE RESPONSIBLE TO REMEDIATE INCIDENTS THAT ADVERSELY IMPACT GROUNDWATER QUALITY.

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CITIES OF PAWTUCKET & CENTRAL FALLS  
 GENERAL NOTES AND LEGEND  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS  
 RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**CN-001**



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ASSESSORS PLAT 44 LOT 592  
 N/F  
 GABHATAIS TEAGHLAIGH  
 LLC. & RESERVOIR  
 DEED BOOK 4392 PAGE 321

BENCHMARK SET  
 X-MARK HYDRANT BOLT  
 ELEV. 85.03'

ASSESSORS PLAT 44 LOT 616  
 N/F  
 390 PINE STREET LLC.  
 DEED 4476 PAGE 283

ASSESSORS PLAT 44 LOT 290  
 N/F  
 PAWTUCKET REDEVELOPMENT AGENCY  
 C/O JEANNE BOYLE  
 DEED 3155 PAGE 240

ASSESSORS PLAT 44 LOT 428  
 N/F  
 465 BARTON ST LLC  
 DEED BOOK 3434 PAGE 194

BENCH MARK:  
 DRILL HOLE SET IN  
 CONCRETE WALK  
 ELEVATION 80.68  
 NAVD 88 DATUM

ASSESSORS  
 PLAT 44  
 LOT 613  
 N/F  
 SILVERMINE  
 BAY INC  
 DEED BOOK  
 816 PAGE  
 278

**WATER AND GAS MAIN/SERVICE LOCATION NOTES:**

1. THE LOCATIONS OF WATER MAINS AND SERVICES SHOWN ON THIS PLAN REFLECT APPROXIMATE LOCATIONS BASED ON AN ON-GROUND SURVEY PLAN PREPARED BY NATIONAL LAND SURVEYORS, INC.
2. RHODE ISLAND ENERGY INSTALLED NEW GAS MAINS AND SERVICES IN PAWTUCKET WITHIN THE PROJECT LIMITS IN 2024 PRIOR TO START OF THIS PROJECT'S IMPROVEMENTS. AS A RESULT, THE LOCATIONS OF GAS MAINS AND SERVICES SHOWN ON THIS PLAN REFLECT APPROXIMATE EXISTING LOCATIONS BASED ON A COMBINATION OF CURRENT MAIN AND SERVICE LOCATIONS DEPICTED ON THE ON-GROUND SURVEY PLAN PREPARED BY NATIONAL LAND SURVEYORS, INC. AND FROM MAPPING PROVIDED BY RHODE ISLAND ENERGY. THE NEWLY INSTALLED LOCATIONS MAY VARY SLIGHTLY.
3. AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM THE ACTUAL LOCATIONS OF THE GAS AND WATER MAINS AND SERVICES AND NOTIFY THE ENGINEER/OWNER OF SUCH CHANGES SUCH THAT THE ENGINEER HAS ADEQUATE TIME TO MAKE ANY DESIGN/LAYOUT MODIFICATIONS AS A RESULT OF SUCH UTILITY MAIN AND/OR SERVICE RELOCATIONS.

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CITIES OF PAWTUCKET & CENTRAL FALLS

EXISTING CONDITIONS PLAN NO. 1

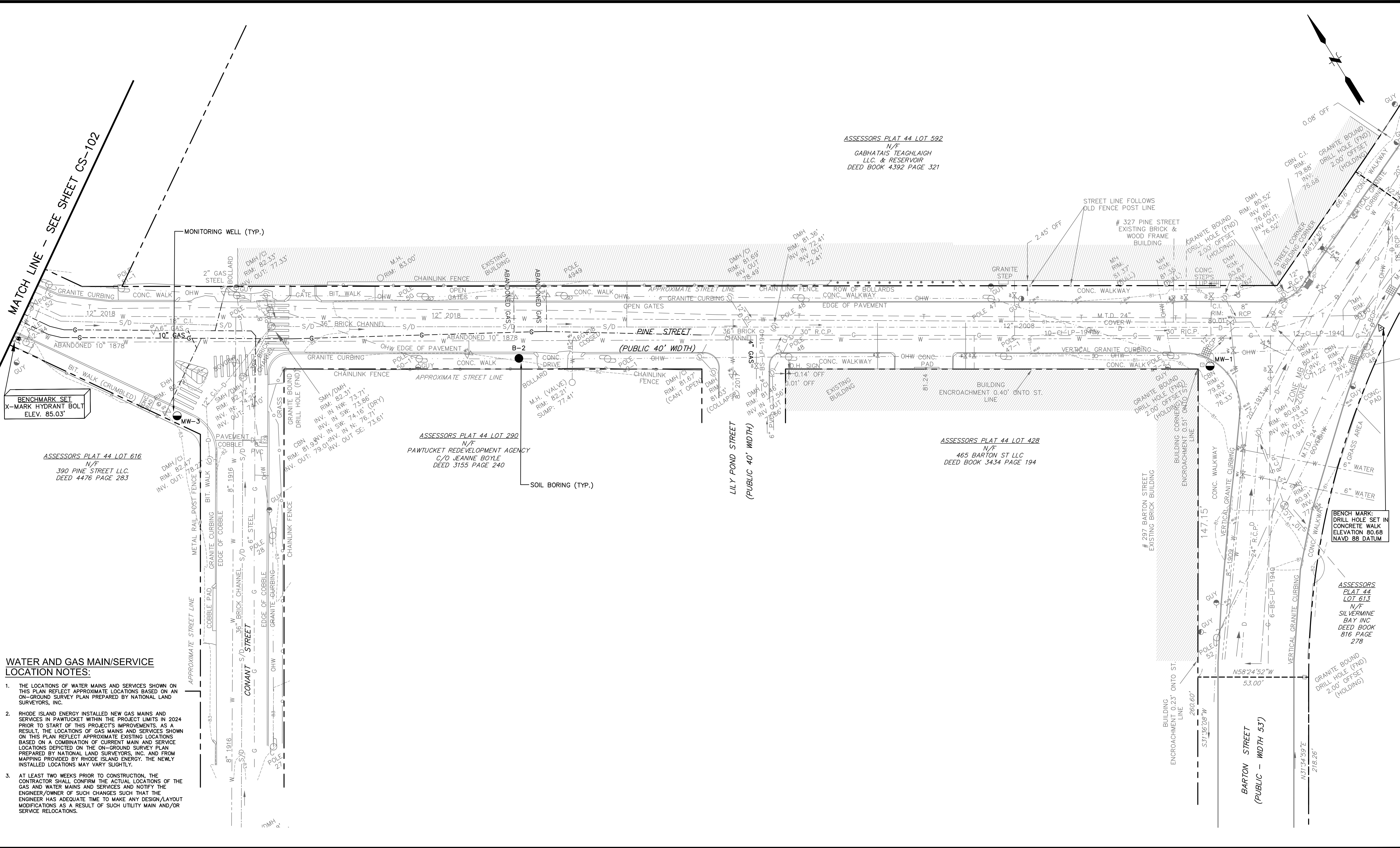
PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS

PAWTUCKET & CENTRAL FALLS

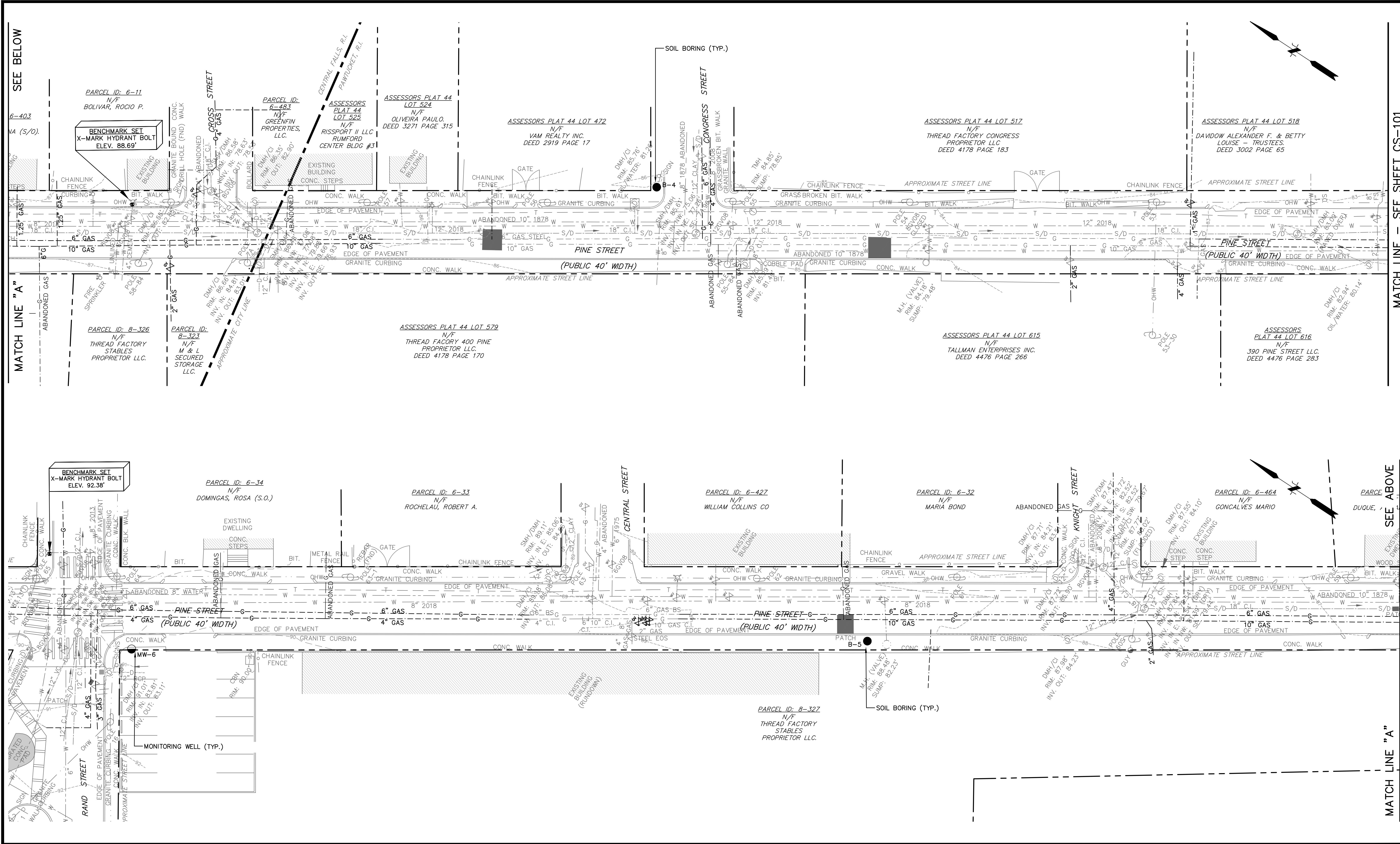
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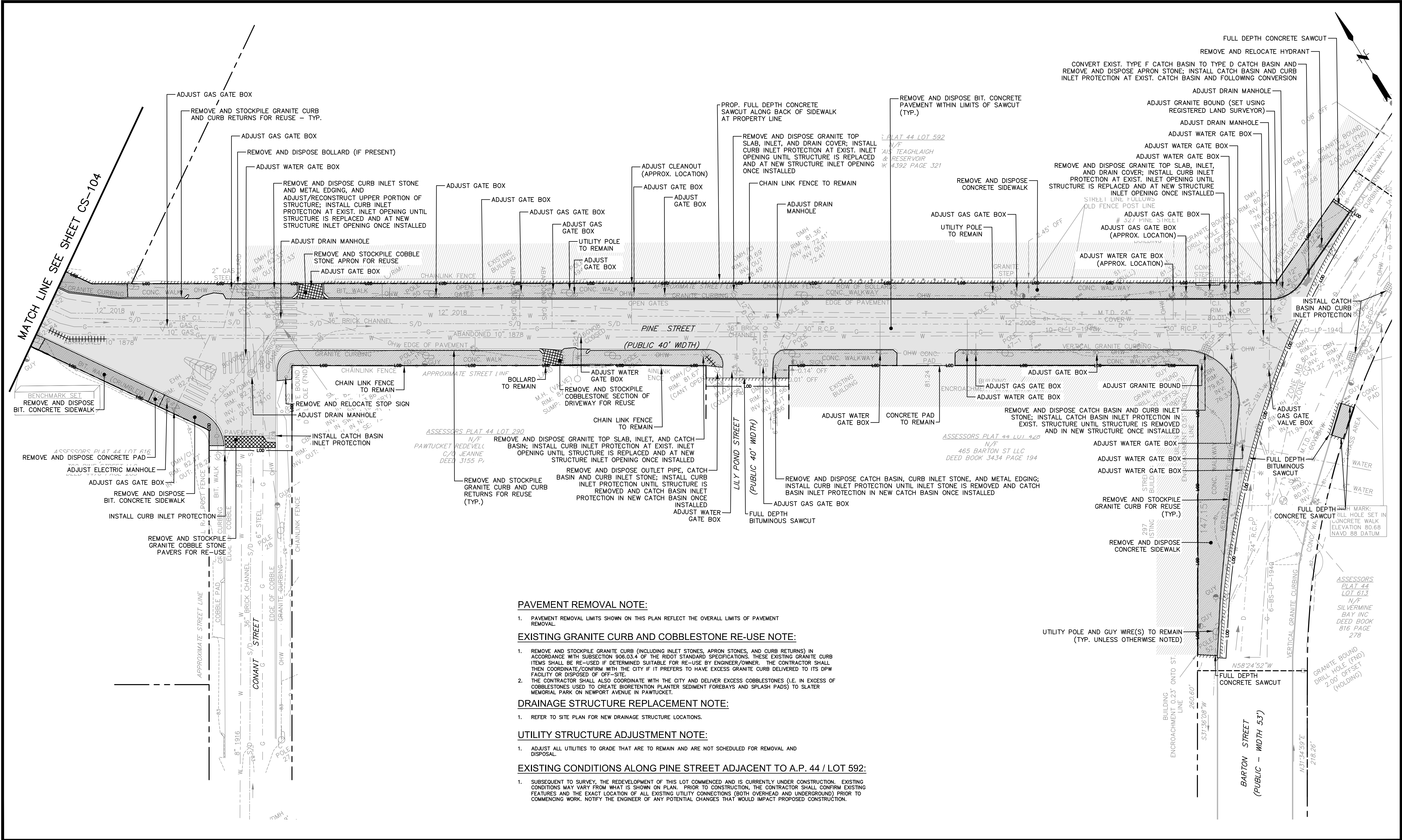
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CITIES OF PAWTUCKET & CENTRAL FALLS  
 EXISTING CONDITIONS PLAN NO. 2  
 PINE STREET NORTH GREEN INFRASTRUCTURE &  
 PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS  
 RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
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**PAVEMENT REMOVAL NOTE:**

1. PAVEMENT REMOVAL LIMITS SHOWN ON THIS PLAN REFLECT THE OVERALL LIMITS OF PAVEMENT REMOVAL.

**EXISTING GRANITE CURB AND COBBLESTONE RE-USE NOTE:**

1. REMOVE AND STOCKPILE GRANITE CURB (INCLUDING INLET STONES, APRON STONES, AND CURB RETURNS) IN ACCORDANCE WITH SUBSECTION 906.03.4 OF THE RIDOT STANDARD SPECIFICATIONS. THESE EXISTING GRANITE CURB ITEMS SHALL BE RE-USED IF DETERMINED SUITABLE FOR RE-USE BY ENGINEER/OWNER. THE CONTRACTOR SHALL THEN COORDINATE/CONFIRM WITH THE CITY IF IT PREFERS TO HAVE EXCESS GRANITE CURB DELIVERED TO ITS DPW FACILITY OR DISPOSED OF OFF-SITE.
2. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE CITY AND DELIVER EXCESS COBBLESTONES (I.E. IN EXCESS OF COBBLESTONES USED TO CREATE BIORETENTION PLANTER SEDIMENT FOREBAYS AND SPLASH PADS) TO SLATER MEMORIAL PARK ON NEWPORT AVENUE IN PAWTUCKET.

**DRAINAGE STRUCTURE REPLACEMENT NOTE:**

1. REFER TO SITE PLAN FOR NEW DRAINAGE STRUCTURE LOCATIONS.

**UTILITY STRUCTURE ADJUSTMENT NOTE:**

1. ADJUST ALL UTILITIES TO GRADE THAT ARE TO REMAIN AND ARE NOT SCHEDULED FOR REMOVAL AND DISPOSAL.

**EXISTING CONDITIONS ALONG PINE STREET ADJACENT TO A.P. 44 / LOT 592:**

1. SUBSEQUENT TO SURVEY, THE REDEVELOPMENT OF THIS LOT COMMENCED AND IS CURRENTLY UNDER CONSTRUCTION. EXISTING CONDITIONS MAY VARY FROM WHAT IS SHOWN ON PLAN. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM EXISTING FEATURES AND THE EXACT LOCATION OF ALL EXISTING UTILITY CONNECTIONS (BOTH OVERHEAD AND UNDERGROUND) PRIOR TO COMMENCING WORK. NOTIFY THE ENGINEER OF ANY POTENTIAL CHANGES THAT WOULD IMPACT PROPOSED CONSTRUCTION.

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CITIES OF PAWTUCKET & CENTRAL FALLS  
 SITE PREPARATION PLAN NO. 1  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

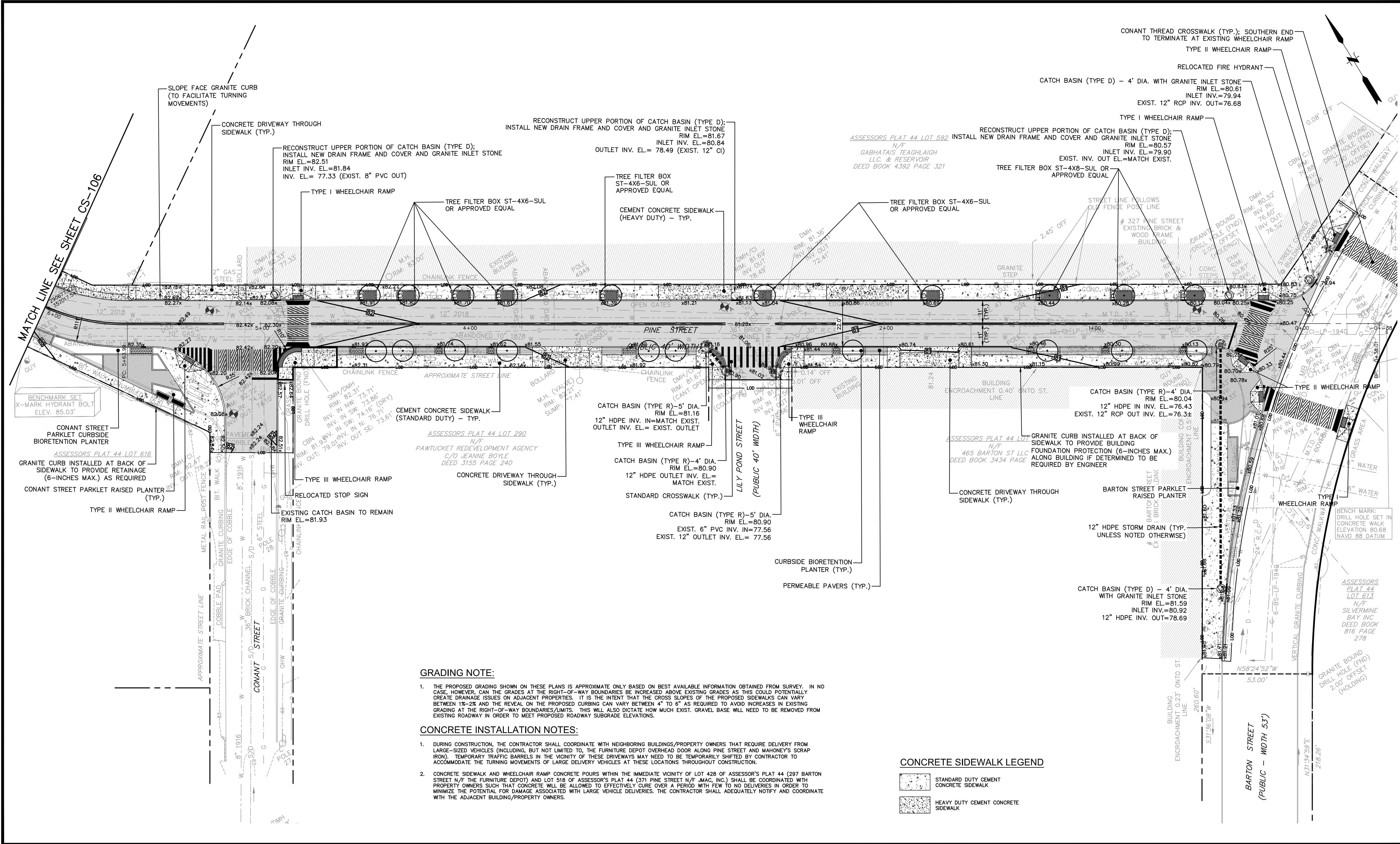
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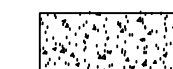
**GRADING NOTE:**

1. THE PROPOSED GRADING SHOWN ON THESE PLANS IS APPROXIMATE ONLY BASED ON BEST AVAILABLE INFORMATION OBTAINED FROM SURVEY. IN NO CASE, HOWEVER, CAN THE GRADES AT THE RIGHT-OF-WAY BOUNDARIES BE INCREASED ABOVE EXISTING GRADES AS THIS COULD POTENTIALLY CREATE DRAINAGE ISSUES ON ADJACENT PROPERTIES. IT IS THE INTENT THAT THE CROSS SLOPES OF THE PROPOSED SIDEWALKS CAN VARY BETWEEN 1% - 2% AND THE REVEAL ON THE PROPOSED CURBING CAN VARY BETWEEN 4" TO 6" AS REQUIRED TO AVOID INCREASES IN EXISTING GRADING AT THE RIGHT-OF-WAY BOUNDARIES/LIMITS. THIS WILL ALSO DICTATE HOW MUCH EXIST. GRAVEL BASE WILL NEED TO BE REMOVED FROM EXISTING ROADWAY IN ORDER TO MEET PROPOSED ROADWAY SUBGRADE ELEVATIONS.

**CONCRETE INSTALLATION NOTES:**

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH NEIGHBORING BUILDINGS/PROPERTY OWNERS THAT REQUIRE DELIVERY FROM LARGE-SIZED VEHICLES (INCLUDING, BUT NOT LIMITED TO, THE FURNITURE DEPOT OVERHEAD DOOR ALONG PINE STREET AND MAHONEY'S SCRAP IRON). TEMPORARY TRAFFIC BARRELS IN THE VICINITY OF THESE DRIVEWAYS MAY NEED TO BE TEMPORARILY SHIFTED BY CONTRACTOR TO ACCOMMODATE THE TURNING MOVEMENTS OF LARGE DELIVERY VEHICLES AT THESE LOCATIONS THROUGHOUT CONSTRUCTION.
2. CONCRETE SIDEWALK AND WHEELCHAIR RAMP CONCRETE POURS WITHIN THE IMMEDIATE VICINITY OF LOT 428 OF ASSESSOR'S PLAT 44 (297 BARTON STREET N/F THE FURNITURE DEPOT) AND LOT 518 OF ASSESSOR'S PLAT 44 (371 PINE STREET N/F JMAC, INC.) SHALL BE COORDINATED WITH PROPERTY OWNERS SUCH THAT CONCRETE WILL BE ALLOWED TO EFFECTIVELY CURE OVER A PERIOD WITH FEW TO NO DELIVERIES IN ORDER TO MINIMIZE THE POTENTIAL FOR DAMAGE ASSOCIATED WITH LARGE VEHICLE DELIVERIES. THE CONTRACTOR SHALL ADEQUATELY NOTIFY AND COORDINATE WITH THE ADJACENT BUILDING/PROPERTY OWNERS.

**CONCRETE SIDEWALK LEGEND**

-  STANDARD DUTY CEMENT CONCRETE SIDEWALK
-  HEAVY DUTY CEMENT CONCRETE SIDEWALK

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CITIES OF PAWTUCKET & CENTRAL FALLS  
 SITE LAYOUT PLAN NO. 1  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

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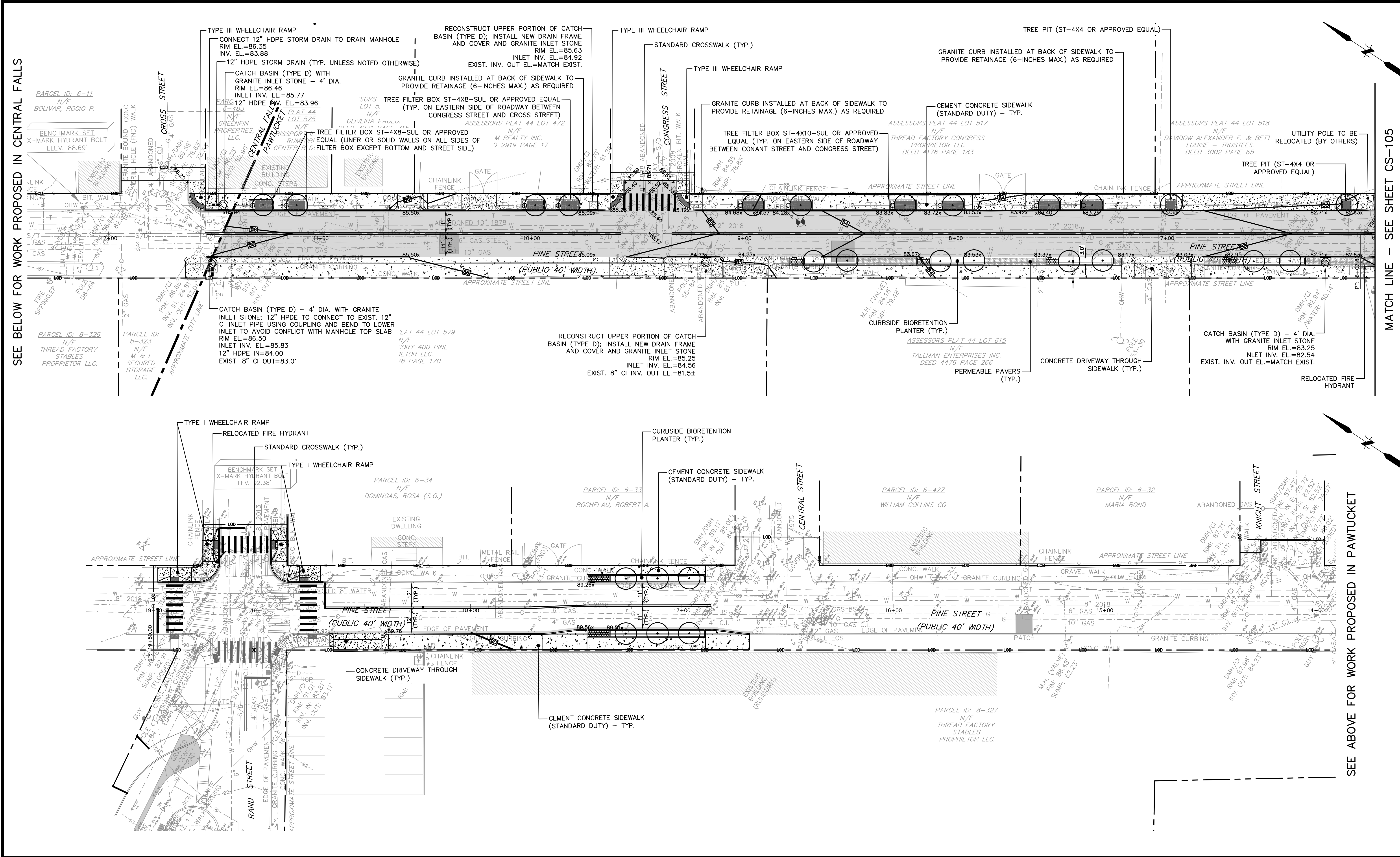


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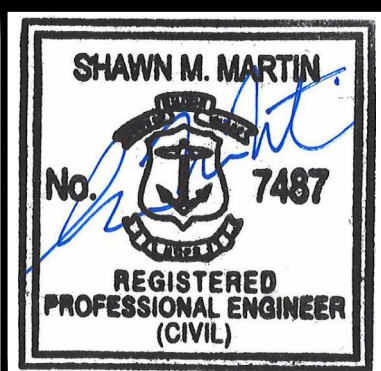
SEE ABOVE FOR WORK PROPOSED IN PAWTUCKET

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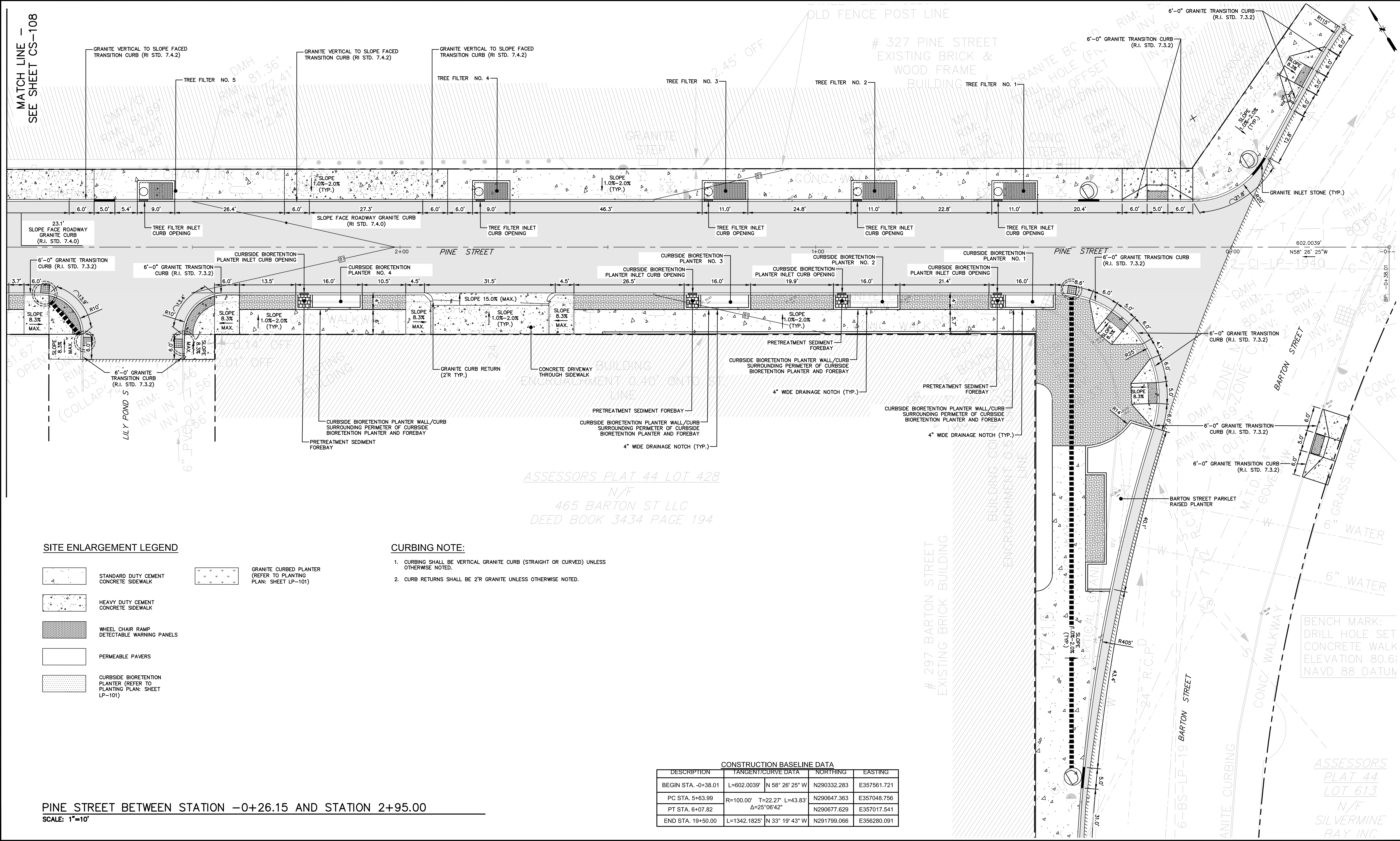
CITIES OF PAWTUCKET & CENTRAL FALLS  
 SITE LAYOUT PLAN NO. 2  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**CS-106**



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**SITE ENLARGEMENT LEGEND**

- STANDARD DUTY CEMENT CONCRETE SIDEWALK
- HEAVY DUTY CEMENT CONCRETE SIDEWALK
- WHEEL CHAIR RAMP DETECTABLE WARNING PANELS
- PERMEABLE PAVERS
- CURBSIDE BIORETENTION PLANTER (REFER TO PLANTING PLAN: SHEET LP-101)
- GRANITE CURBED PLANTER (REFER TO PLANTING PLAN: SHEET LP-101)

**CURBING NOTE:**

1. CURBING SHALL BE VERTICAL GRANITE CURB (STRAIGHT OR CURVED) UNLESS OTHERWISE NOTED.
2. CURB RETURNS SHALL BE 2'R GRANITE UNLESS OTHERWISE NOTED.

PINE STREET BETWEEN STATION -0+26.15 AND STATION 2+95.00

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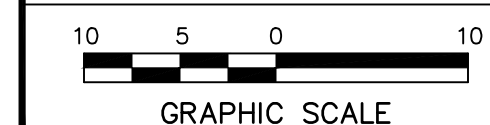


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CITIES OF PAWTUCKET & CENTRAL FALLS

SITE LAYOUT ENLARGEMENT PLAN NO. 1  
PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS

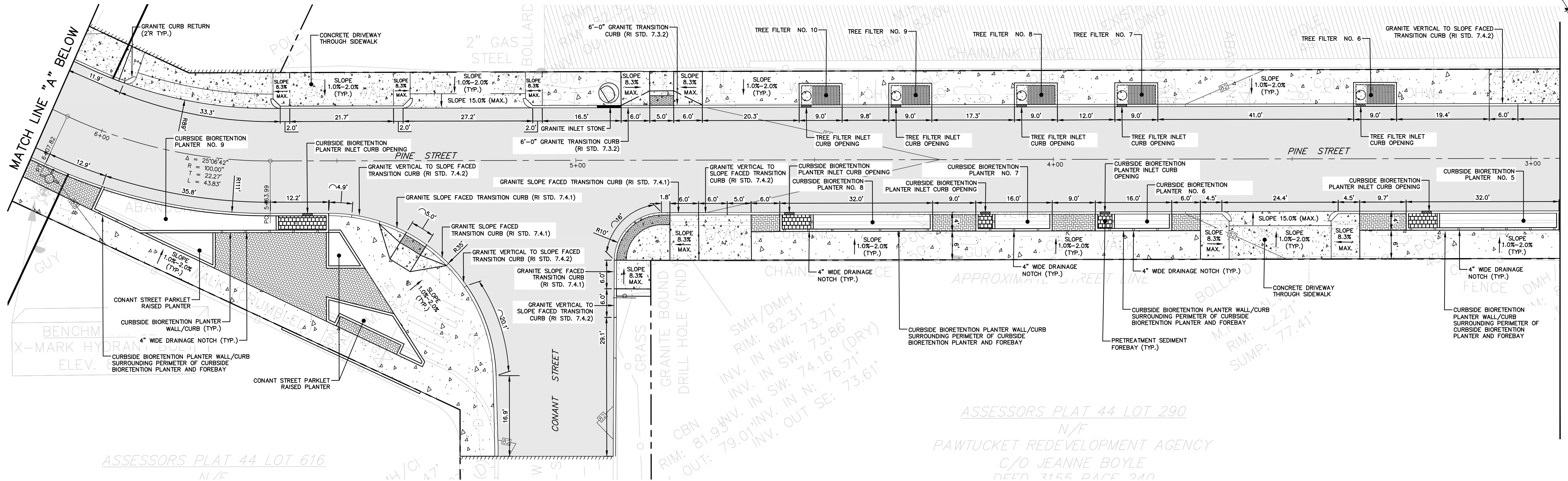
PAWTUCKET & CENTRAL FALLS

RHODE ISLAND

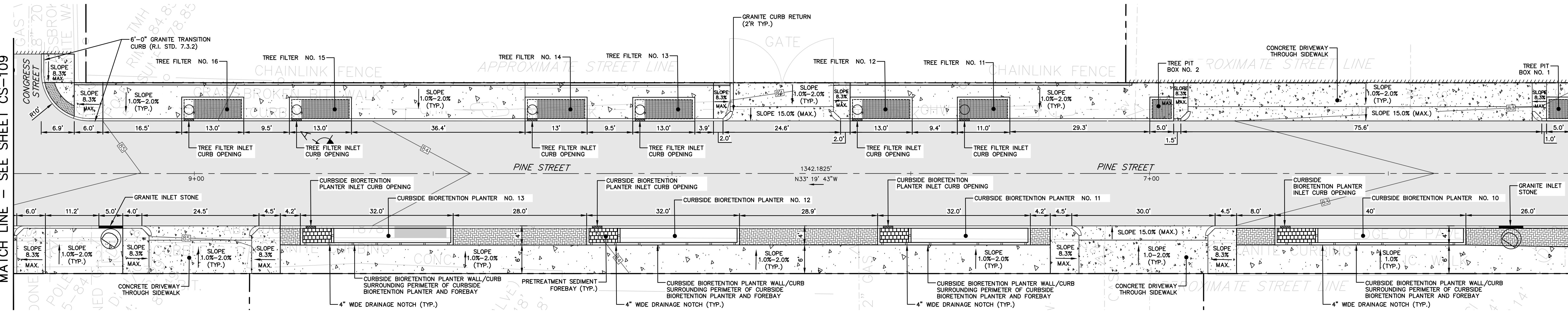
PROJ. No.: 200150951.C30  
DATE: FEBRUARY 2025

**CS-107**





PINE STREET BETWEEN STATION 2+95.00 AND STATION 6+10.00  
SCALE: 1"=10'



PINE STREET BETWEEN STATION 6+10.00 AND STATION 9+38.00  
SCALE: 1"=10'

File: J:\DWG\2015\0951\10\CityPlan\20150951\10\_SIT02\_ENLARGE.dwg Layout: CS-108 Plotted: 2025-02-14 6:58 AM Saved: 2025-02-14 6:57 AM User: Sean.Arnuda  
 MS VIEW: LAYER STATE: PC3: NONE STB/CTB: FO STB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL



ASSASSORS PLAT 44 LOT 290  
N/F  
PAWTUCKET REDEVELOPMENT AGENCY  
C/O JEANNE BOYLE  
DEED 3155 PAGE 210

SCALE:  
 HORZ.: 1"=10'  
 VERT.:  
 DATUM:  
 HORZ.: NAD83  
 VERT.: NAVD88  
 GRAPHIC SCALE



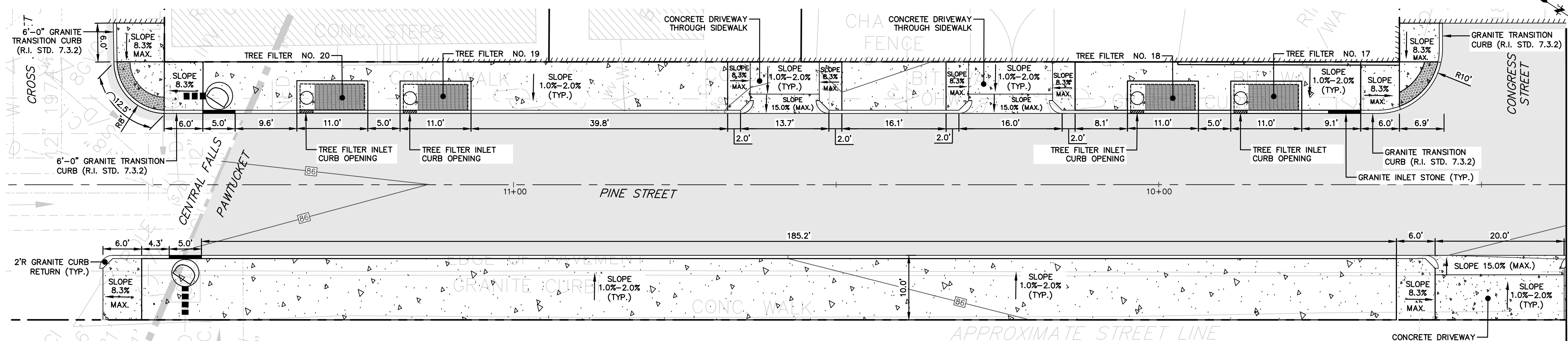
CITIES OF PAWTUCKET & CENTRAL FALLS  
 SITE LAYOUT ENLARGEMENT PLAN NO. 2  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**CS-108**



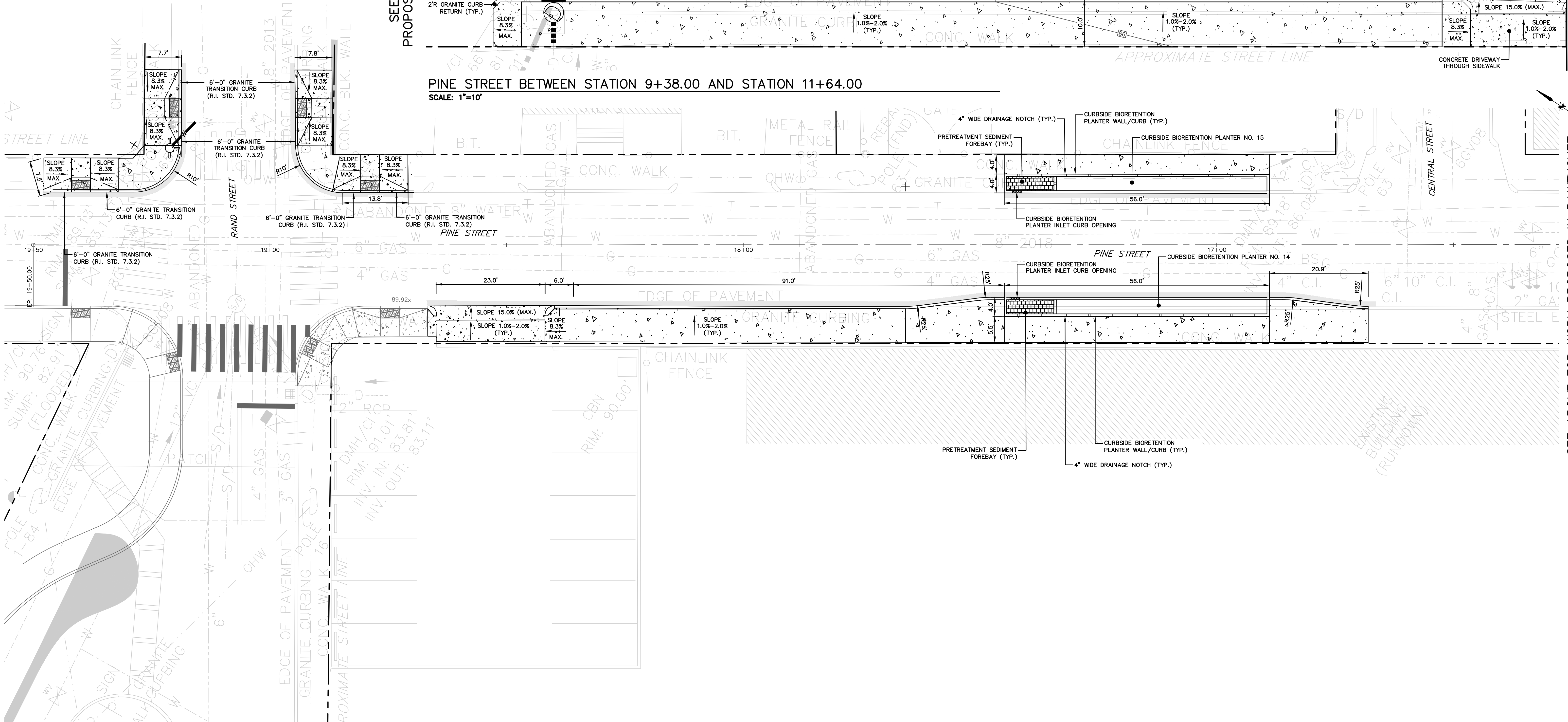
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 MS VIEW: LAYER STATE: PC3: NONE ST/CTB: FO.STB

SEE BELOW FOR WORK  
 PROPOSED IN CENTRAL FALLS



PINE STREET BETWEEN STATION 9+38.00 AND STATION 11+64.00  
 SCALE: 1"=10'

MATCH LINE - SEE SHEET CS-108



PINE STREET BETWEEN STATION 16+66.37 AND STATION 19+45.83 (IN CENTRAL FALLS)  
 SCALE: 1"=10'

SEE ABOVE FOR WORK PROPOSED IN PAWTUCKET

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL



SCALE:  
 HORZ.: 1"= 10'  
 VERT.:  
 DATUM:  
 HORZ.: NAD83  
 VERT.: NAVD88

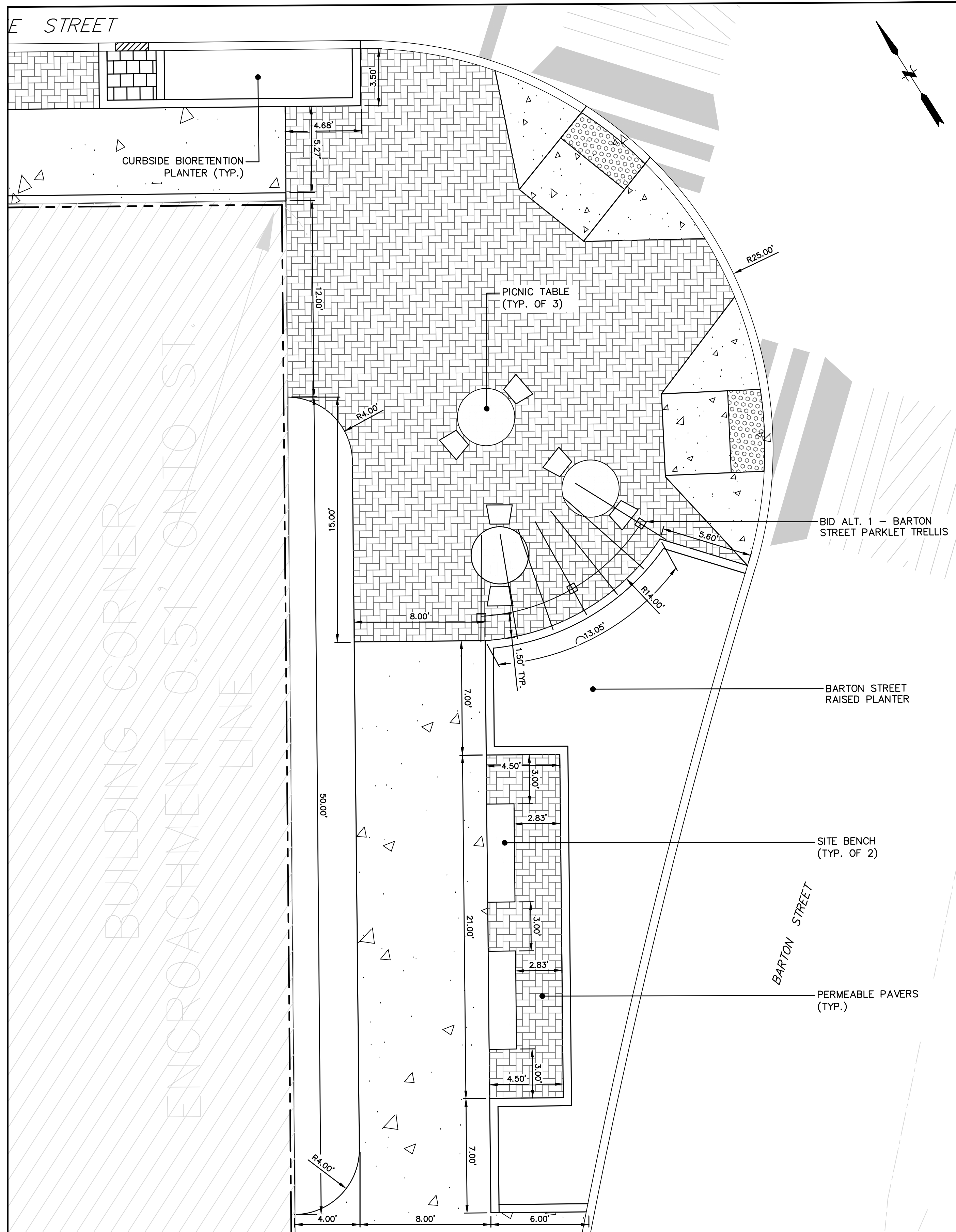
GRAPHIC SCALE

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 PROVIDENCE, RI 02908  
 401.861.3070  
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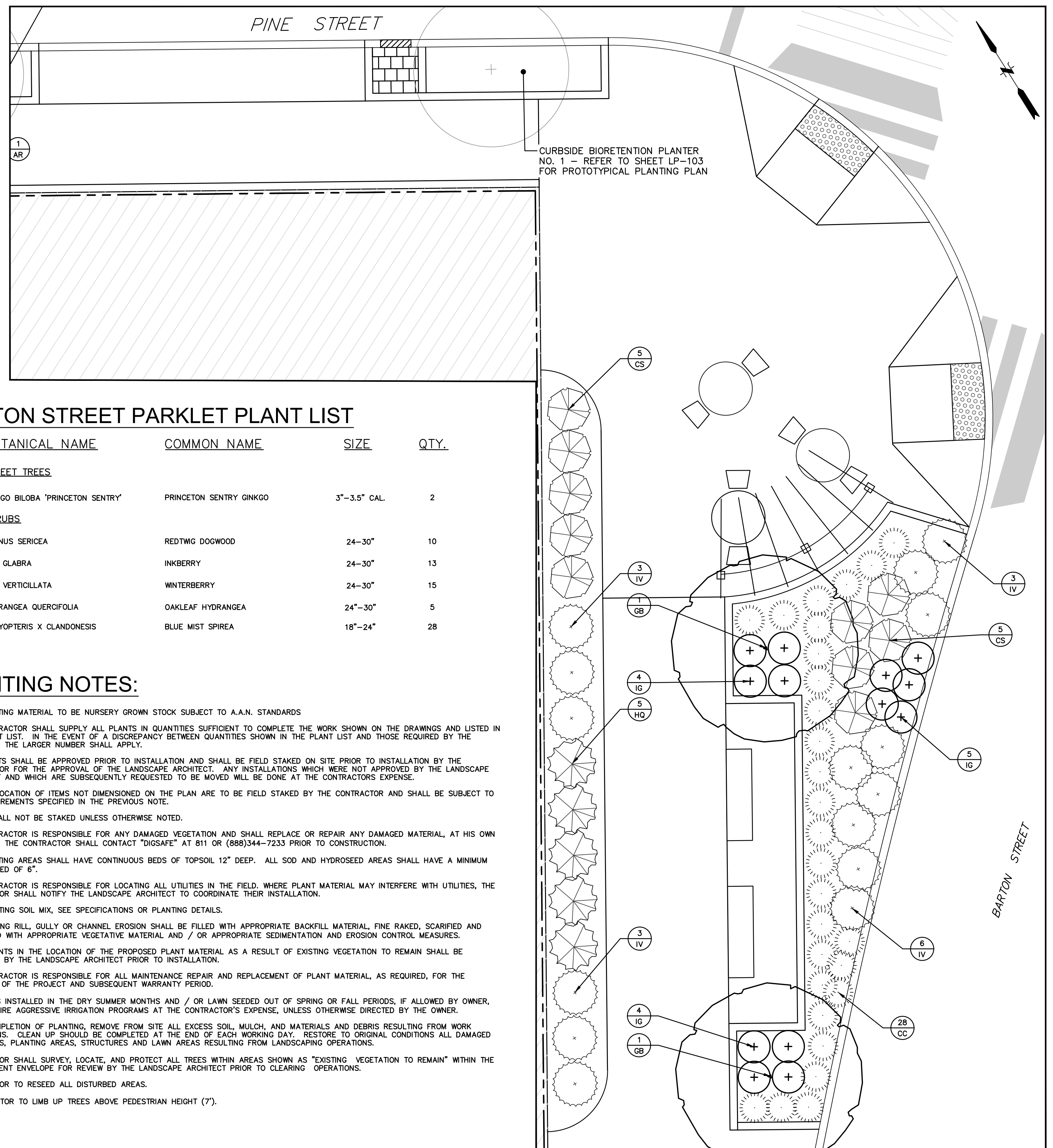
CITIES OF PAWTUCKET & CENTRAL FALLS  
 SITE LAYOUT ENLARGEMENT PLAN NO. 3  
 PINE STREET NORTH GREEN INFRASTRUCTURE &  
 PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS  
 RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**CS-109**





**BARTON STREET PARKLET LAYOUT & MATERIALS PLAN**  
SCALE: 1/4"=1'-0"



**BARTON STREET PARKLET PLANT LIST**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
<b>STREET TREES</b>				
GB	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	3"-3.5" CAL.	2
<b>SHRUBS</b>				
CS	CORNUS SERICEA	REDTNG DOGWOOD	24-30"	10
IG	ILEX GLABRA	INKBERRY	24-30"	13
IV	ILEX VERTICILLATA	WINTERBERRY	24-30"	15
HQ	HYDRANGEA QUERCIFOLIA	OAKLEAF HYDRANGEA	24"-30"	5
CC	CARYOPTERIS X CLANDONESIS	BLUE MIST SPIREA	18"-24"	28

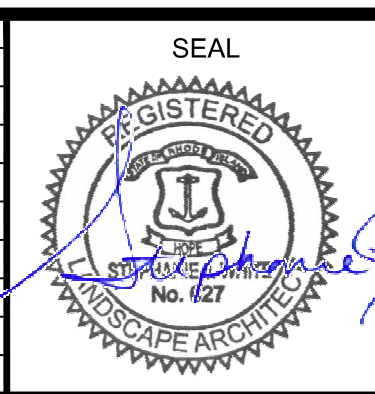
**PLANTING NOTES:**

- ALL PLANTING MATERIAL TO BE NURSERY GROWN STOCK SUBJECT TO A.A.N. STANDARDS
- THE CONTRACTOR SHALL SUPPLY ALL PLANTS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND LISTED IN THE PLANT LIST. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT LIST AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER NUMBER SHALL APPLY.
- ALL PLANTS SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE FIELD STAKED ON SITE PRIOR TO INSTALLATION BY THE CONTRACTOR FOR THE APPROVAL OF THE LANDSCAPE ARCHITECT. ANY INSTALLATIONS WHICH WERE NOT APPROVED BY THE LANDSCAPE ARCHITECT AND WHICH ARE SUBSEQUENTLY REQUESTED TO BE MOVED WILL BE DONE AT THE CONTRACTORS EXPENSE.
- PRECISE LOCATION OF ITEMS NOT DIMENSIONED ON THE PLAN ARE TO BE FIELD STAKED BY THE CONTRACTOR AND SHALL BE SUBJECT TO THE REQUIREMENTS SPECIFIED IN THE PREVIOUS NOTE.
- TREES SHALL NOT BE STAKED UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGED VEGETATION AND SHALL REPLACE OR REPAIR ANY DAMAGED MATERIAL, AT HIS OWN EXPENSE. THE CONTRACTOR SHALL CONTACT "DIGSAFE" AT 811 OR (888)344-7233 PRIOR TO CONSTRUCTION.
- ALL PLANTING AREAS SHALL HAVE CONTINUOUS BEDS OF TOPSOIL 12" DEEP. ALL SOD AND HYDROSEED AREAS SHALL HAVE A MINIMUM TOPSOIL BED OF 6".
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD. WHERE PLANT MATERIAL MAY INTERFERE WITH UTILITIES, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT TO COORDINATE THEIR INSTALLATION.
- FOR PLANTING SOIL MIX, SEE SPECIFICATIONS OR PLANTING DETAILS.
- ALL EXISTING RILL, GULLY OR CHANNEL EROSION SHALL BE FILLED WITH APPROPRIATE BACKFILL MATERIAL, FINE RAKED, SCARIFIED AND STABILIZED WITH APPROPRIATE VEGETATIVE MATERIAL AND / OR APPROPRIATE SEDIMENTATION AND EROSION CONTROL MEASURES.
- ADJUSTMENTS IN THE LOCATION OF THE PROPOSED PLANT MATERIAL AS A RESULT OF EXISTING VEGETATION TO REMAIN SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE REPAIR AND REPLACEMENT OF PLANT MATERIAL, AS REQUIRED, FOR THE DURATION OF THE PROJECT AND SUBSEQUENT WARRANTY PERIOD.
- PLANTINGS INSTALLED IN THE DRY SUMMER MONTHS AND / OR LAWN SEEDED OUT OF SPRING OR FALL PERIODS, IF ALLOWED BY OWNER, WILL REQUIRE AGGRESSIVE IRRIGATION PROGRAMS AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- UPON COMPLETION OF PLANTING, REMOVE FROM SITE ALL EXCESS SOIL, MULCH, AND MATERIALS AND DEBRIS RESULTING FROM WORK OPERATIONS. CLEAN UP SHOULD BE COMPLETED AT THE END OF EACH WORKING DAY. RESTORE TO ORIGINAL CONDITIONS ALL DAMAGED PAVEMENTS, PLANTING AREAS, STRUCTURES AND LAWN AREAS RESULTING FROM LANDSCAPING OPERATIONS.
- CONTRACTOR SHALL SURVEY, LOCATE, AND PROTECT ALL TREES WITHIN AREAS SHOWN AS "EXISTING VEGETATION TO REMAIN" WITHIN THE DEVELOPMENT ENVELOPE FOR REVIEW BY THE LANDSCAPE ARCHITECT PRIOR TO CLEARING OPERATIONS.
- CONTRACTOR TO RESEED ALL DISTURBED AREAS.
- CONTRACTOR TO LUMB UP TREES ABOVE PEDESTRIAN HEIGHT (7').

**BARTON STREET PARKLET PLANTING PLAN**  
SCALE: 1/4"=1'-0"

File: J:\DWG\IP2015\095110\Civil\Plan\2015095110\_LND01.dwg Layout: LP-101 Plotted: 2025-02-14 7:03 AM Saved: 2025-02-14 7:03 AM User: Sean Arruda  
LAYER STATE: PC3: NONE STB/CTB: FO STB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER



SEAL  
  
 SEAL

SCALE:  
 HORZ.: 1/4" = 1'-0"  
 VERT.:  
 DATUM:  
 HORZ.: NAD83  
 VERT.: NAVD88

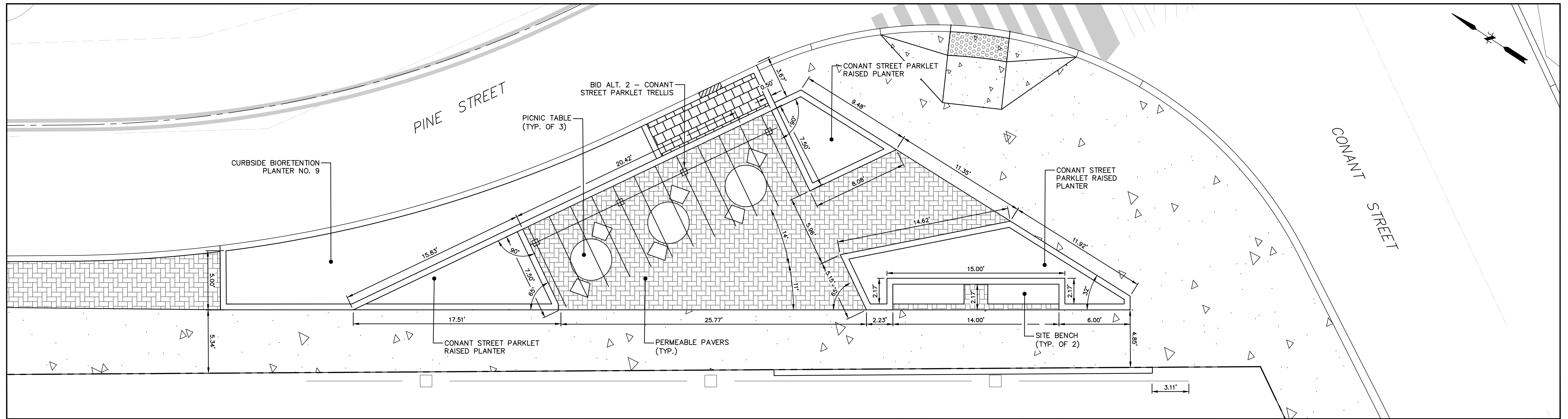
GRAPHIC SCALE

**FUSS & O'NEILL**  
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 401.861.3070  
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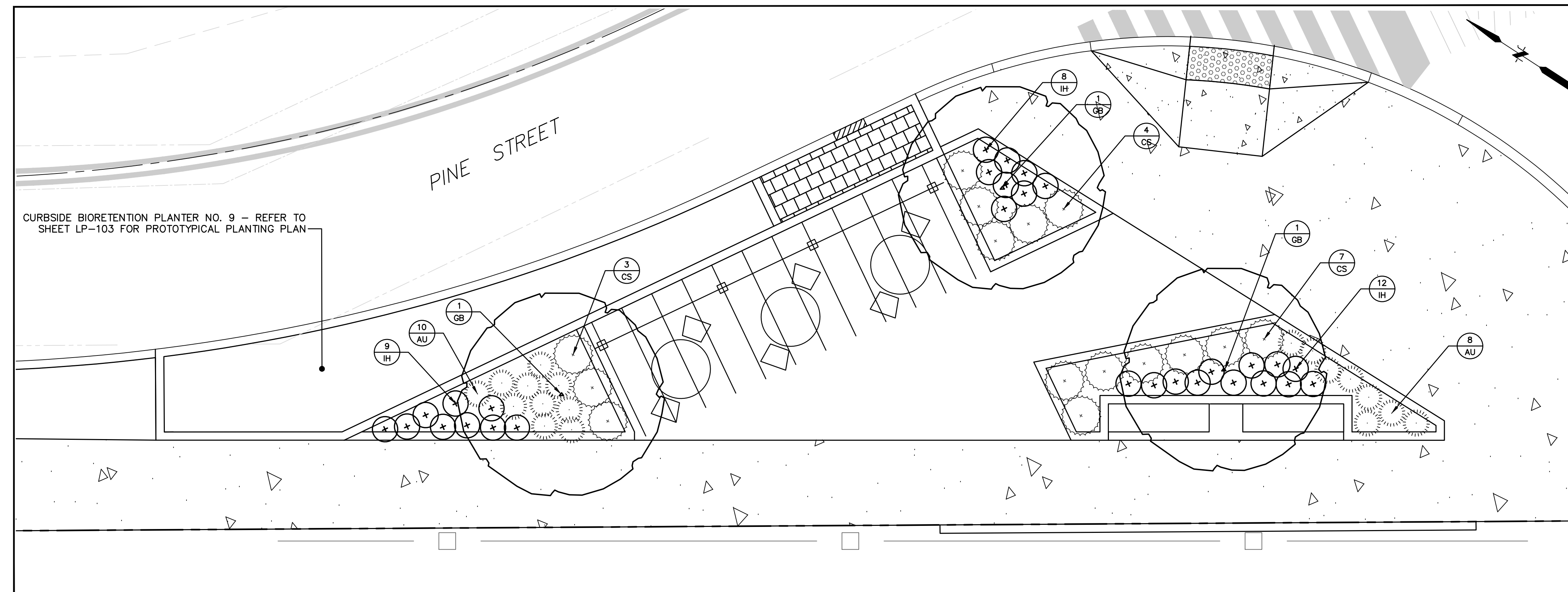
CITIES OF PAWTUCKET & CENTRAL FALLS  
 LANDSCAPE ENLARGEMENT PLAN NO. 1  
 PINE STREET NORTH GREEN INFRASTRUCTURE &  
 PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS  
 RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**LP-101**





**CONANT STREET PARKLET LAYOUT & MATERIALS PLAN**  
SCALE: 1/4"=1'-0"



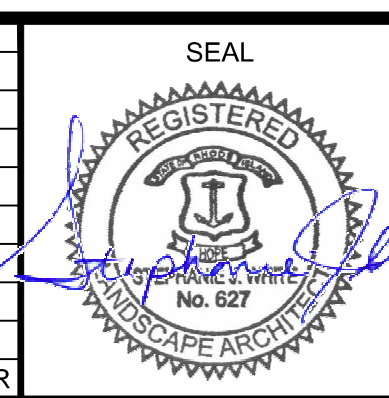
**CONANT STREET PARKLET PLANTING PLAN**  
SCALE: 1/4"=1'-0"

**CONANT STREET PARKLET PLANT LIST**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
<b>STREET TREES</b>				
GB	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	3"-3.5" CAL.	3
<b>SHRUBS</b>				
AU	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	12-18" SPRD	18
CS	CORNUS SERICEA	REDTWIG DOGWOOD	24-30"	14
IH	ITEA VIRGINICA	VIRGINIA SWEETSPICE	18-24"	17

File: J:\DWG\2015\0951\10\Civil\Plan\20150951\C10\_LND01.dwg Layout: LP-102 Plotted: 2025-02-14 7:03 AM Saved: 2025-02-14 7:03 AM User: Sean Aruda  
 LAYER STATE: PC3: NONE STB/CTB: FO,STB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER



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SCALE:  
 HORZ.: 1/4" = 1'-0"  
 VERT.:  

DATUM:  
 HORZ.: NAD83  
 VERT.: NAVD88

GRAPHIC SCALE

**FUSS & O'NEILL**

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CITIES OF PAWTUCKET & CENTRAL FALLS

LANDSCAPE ENLARGEMENT PLAN NO. 2

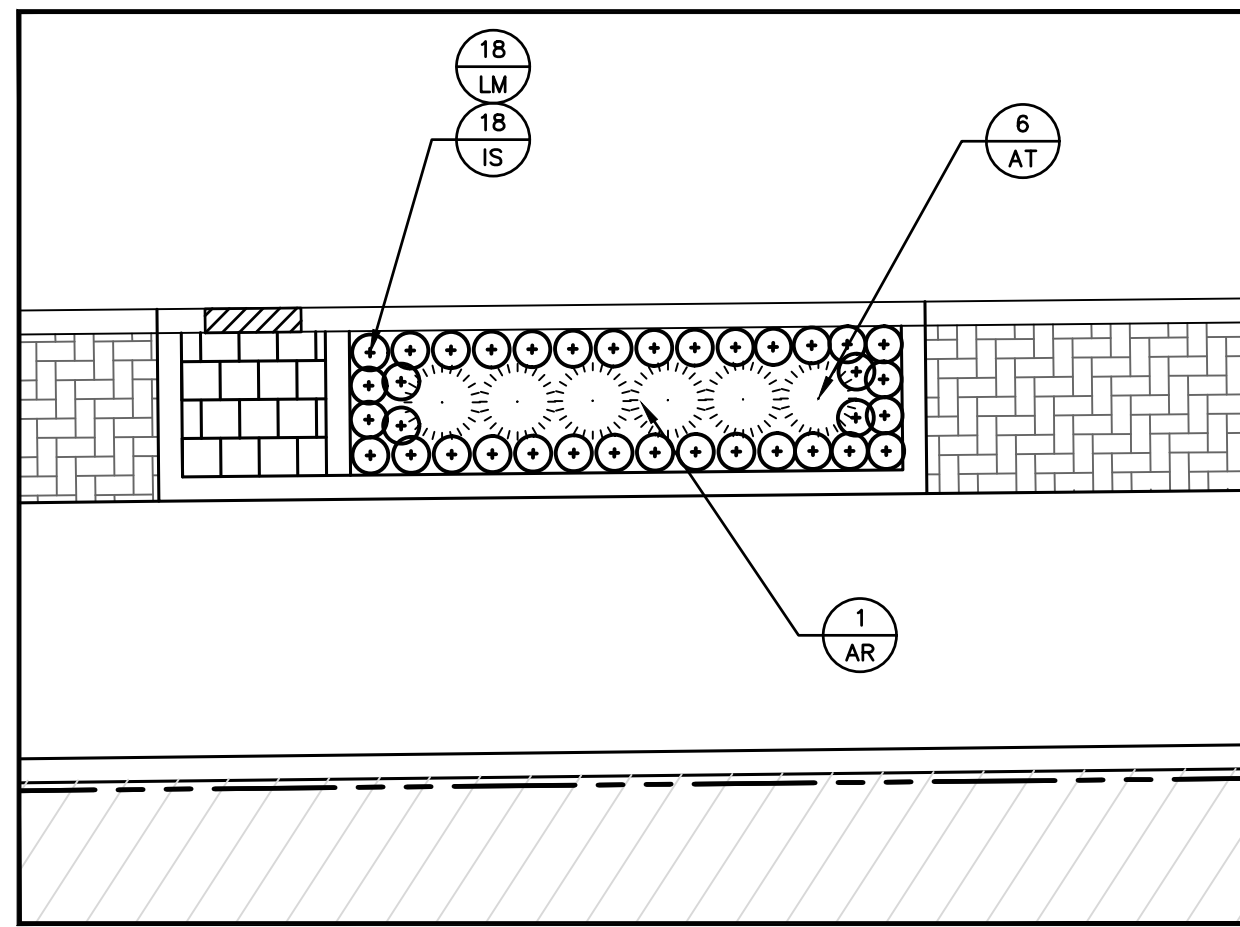
PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS

PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025

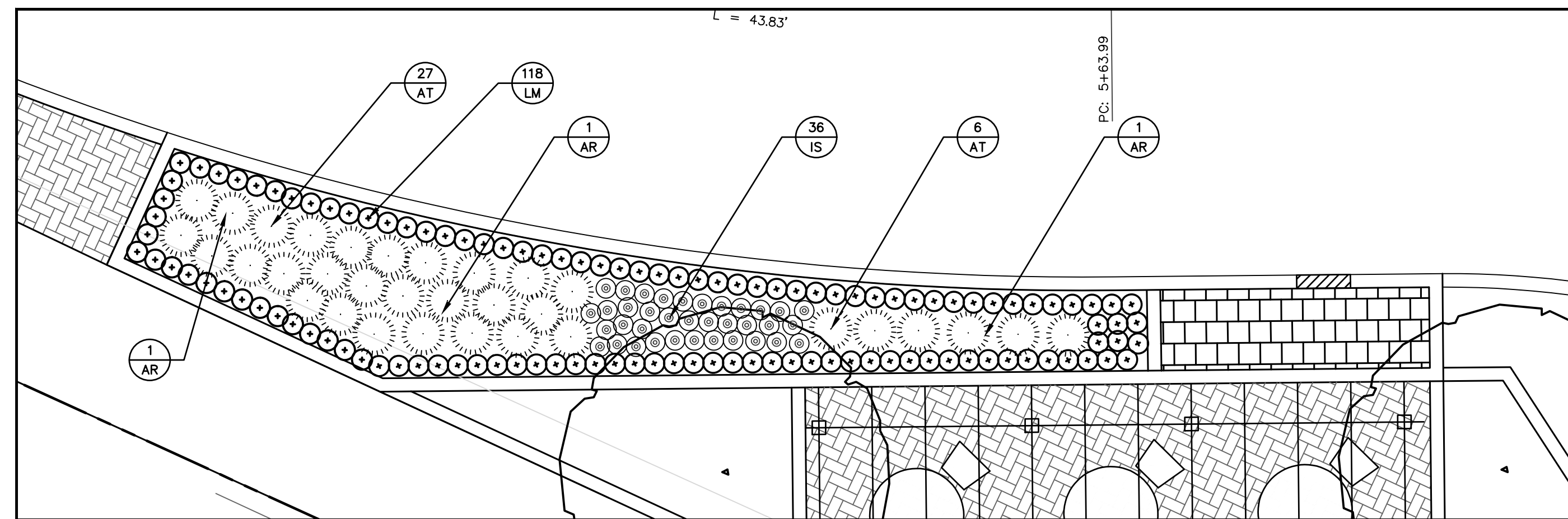
**LP-102**





CURBSIDE BIORETENTION PLANTER NOS. 1-4, 6, 7 - PROTOTYPICAL PLANTING PLAN

SCALE: 1/4"=1'-0"

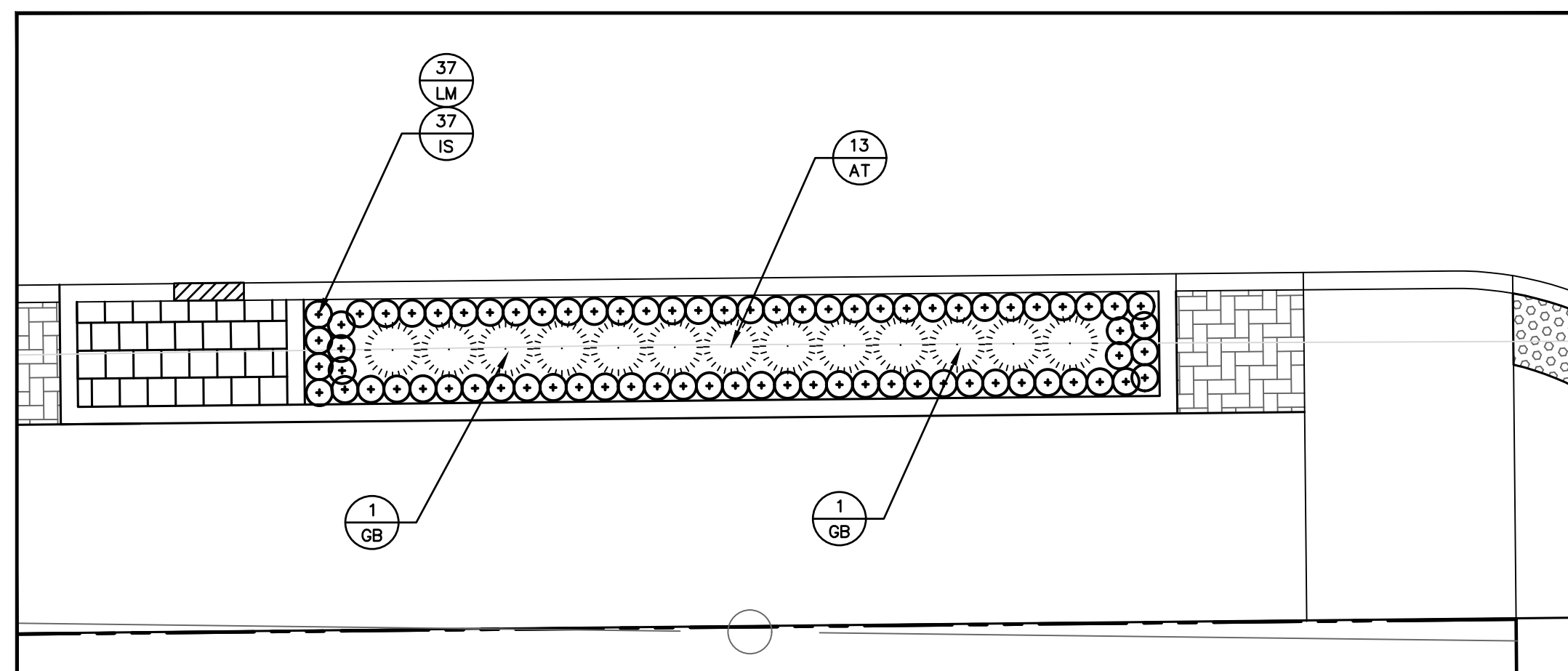


CURBSIDE BIORETENTION PLANTER NO. 9 - PROTOTYPICAL PLANTING PLAN

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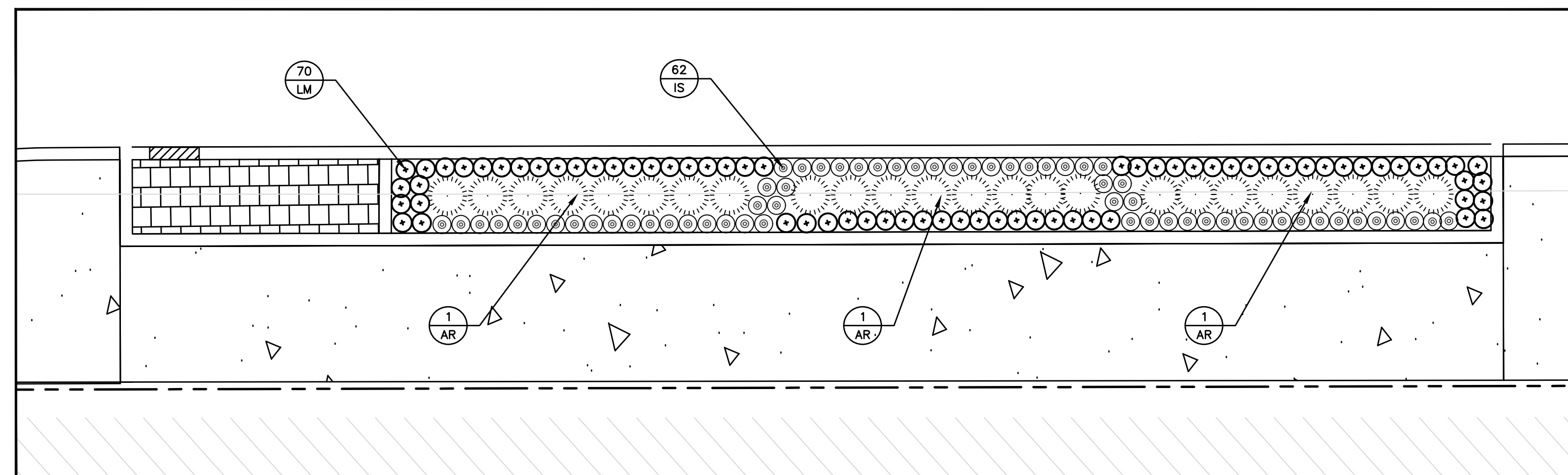
CURBSIDE BIORETENTION PLANTER PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE
<b>STREET TREES</b>			
AR	ACER RUBRUM 'BOWHALL'	BOWHALL RED MAPLE	3"-3.5" CAL.
GB	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	3"-3.5" CAL.
<b>ORNAMENTAL TREES</b>			
AB	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	2"-2.5" CAL.
SR	SYRINGA RETICULATA	JAPANESE TREE LILAC	2"-2.5" CAL.
<b>PERENNIALS/ORNAMENTAL GRASSES</b>			
AT	AMSONIA TABERNAEMONTANA 'STORM CLOUD'	STORM CLOUD AMSONIA	1 GAL.
LM	LIRIOPE MUSCARI 'SUPER BLUE'	SUPER BLUE LILYTURF	1 GAL.
IS	IRIS SIBIRICA	SIBERIAN IRIS	1 GAL.



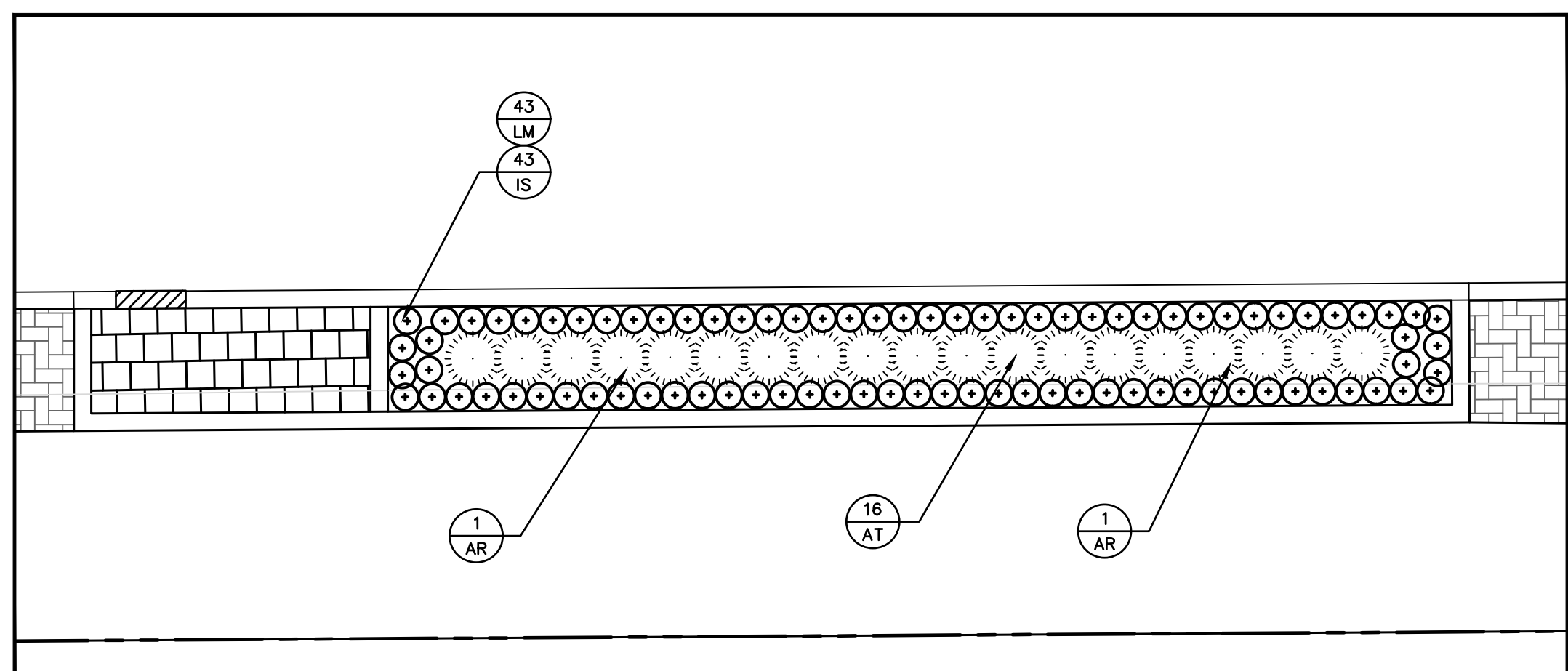
CURBSIDE BIORETENTION PLANTER NOS. 5, 8, 11-13 - PROTOTYPICAL PLANTING PLAN

SCALE: 1/4"=1'-0"



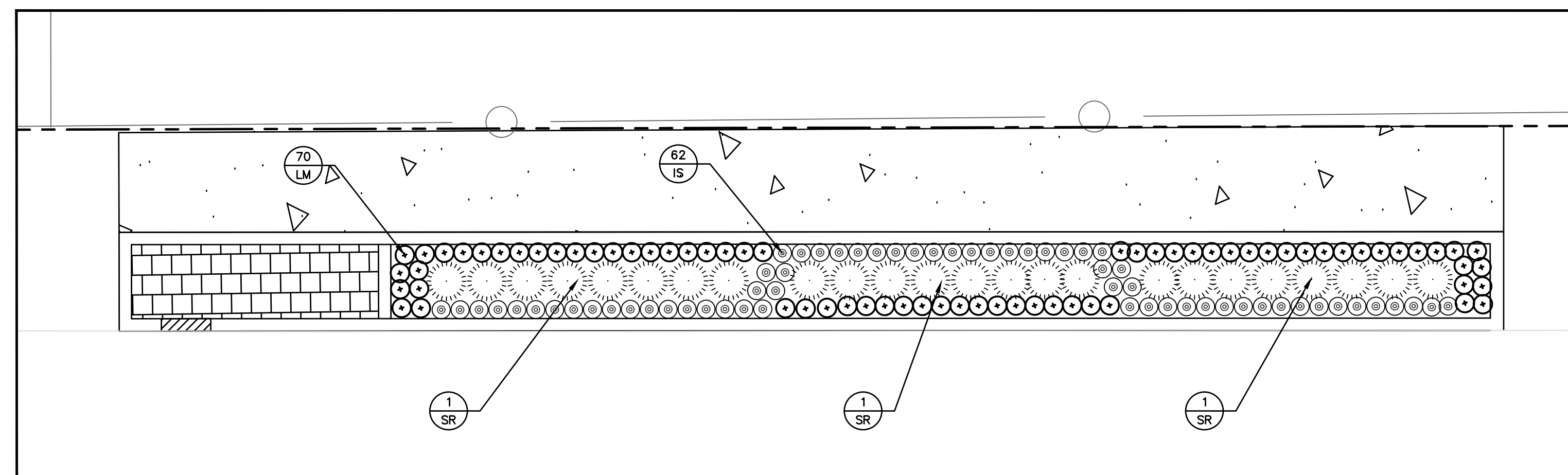
CURBSIDE BIORETENTION PLANTER NO. 14 - PROTOTYPICAL PLANTING PLAN

SCALE: 1/4"=1'-0"



CURBSIDE BIORETENTION PLANTER NO. 10 - PROTOTYPICAL PLANTING PLAN

SCALE: 1/4"=1'-0"

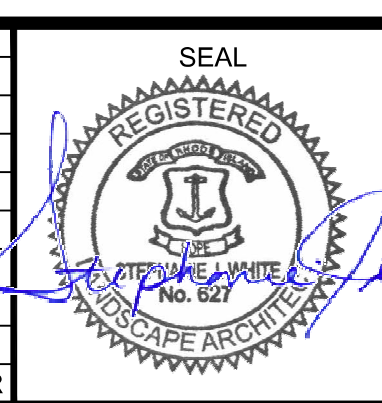


CURBSIDE BIORETENTION PLANTER NO. 15 - PROTOTYPICAL PLANTING PLAN

SCALE: 1/4"=1'-0"

File: J:\DWG\IP2015\09511C10\Civil\Plan\201509511C10\_LND01.dwg Layout: LP-103 Plotted: 2025-02-14 7:03 AM Saved: 2025-02-14 7:03 AM User: Sean Arruda  
PC3: NONE STB/CTB: FO,STB  
LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER



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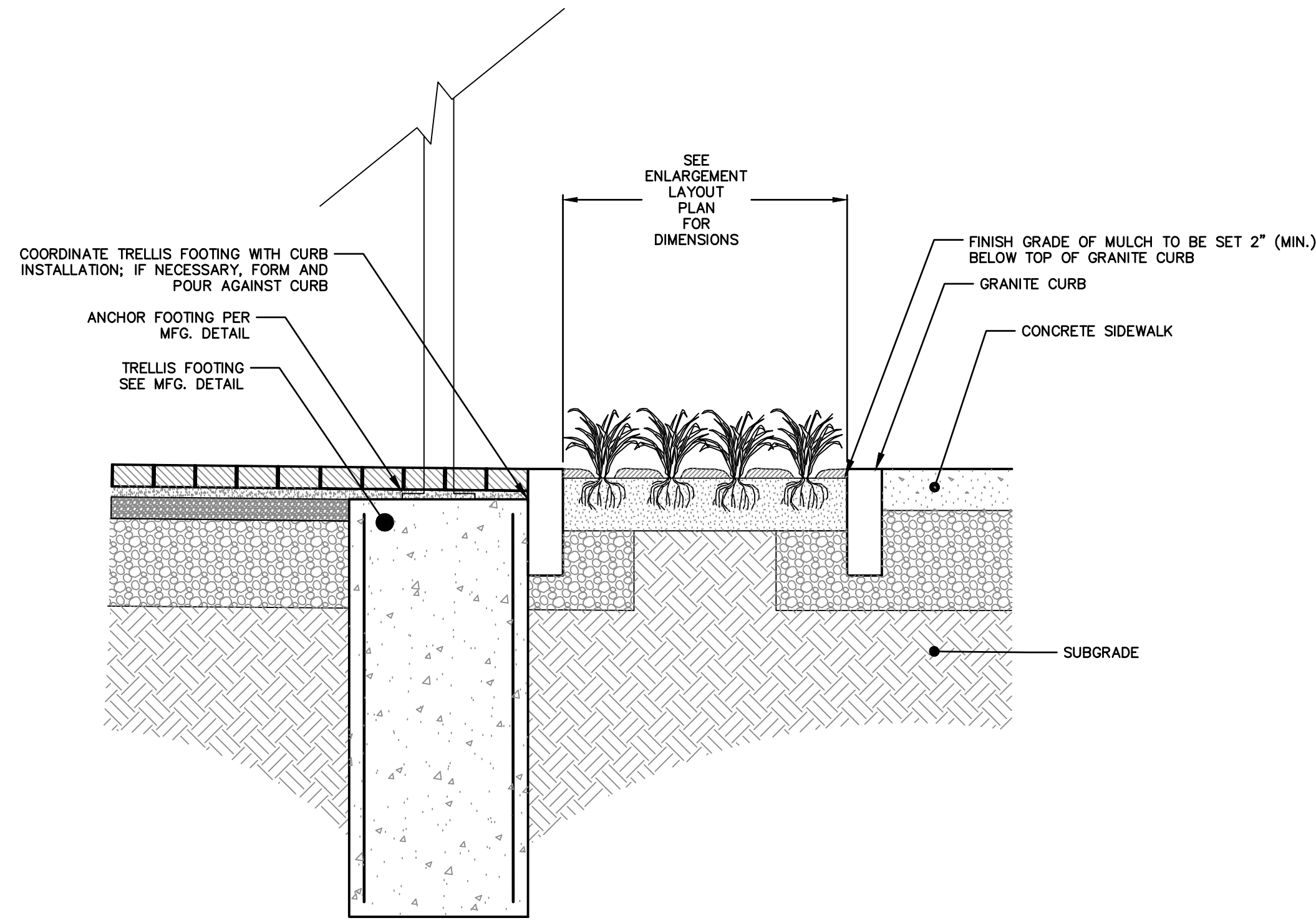
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 VERT.:  
 DATUM:  
 HORZ.: NAD83  
 VERT.: NAVD88  
 GRAPHIC SCALE

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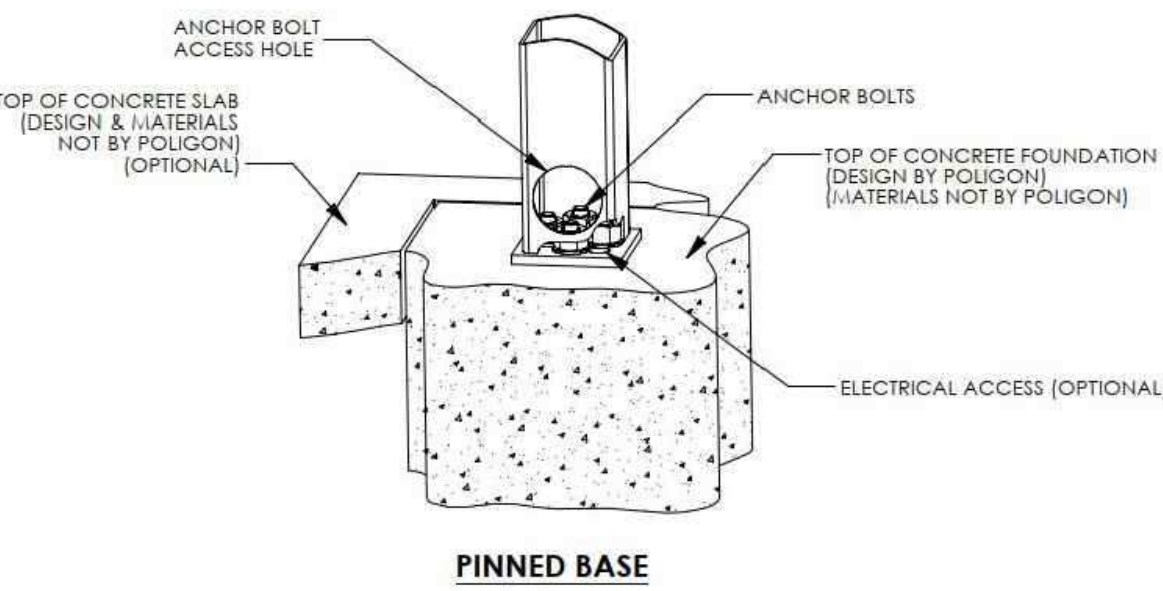
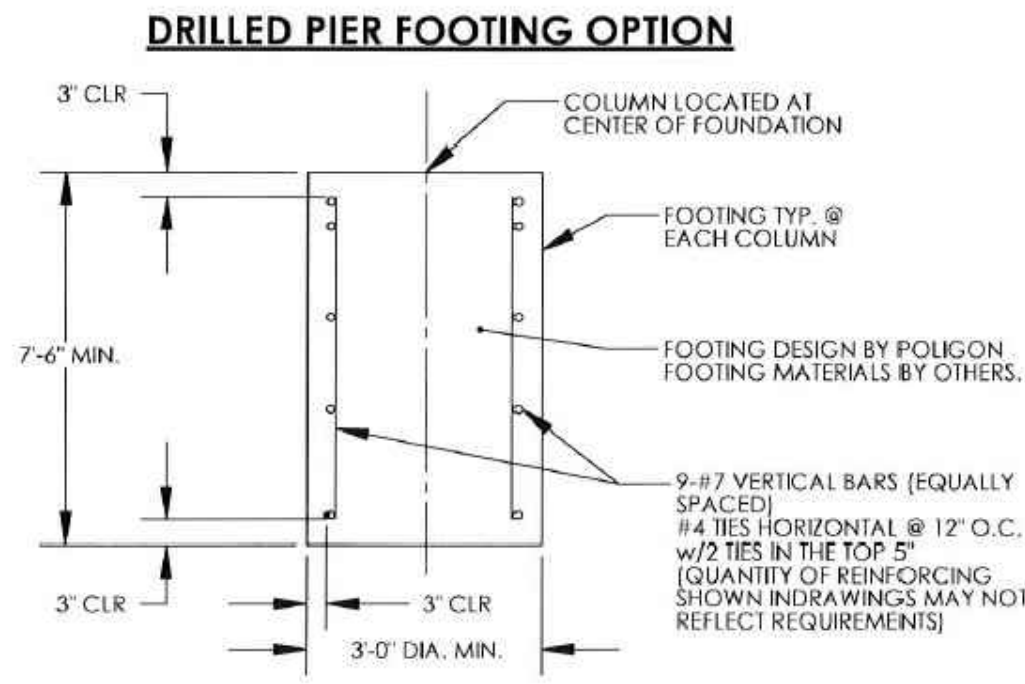
CITIES OF PAWTUCKET & CENTRAL FALLS  
 LANDSCAPE ENLARGEMENT PLAN NO. 3  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**LP-103**



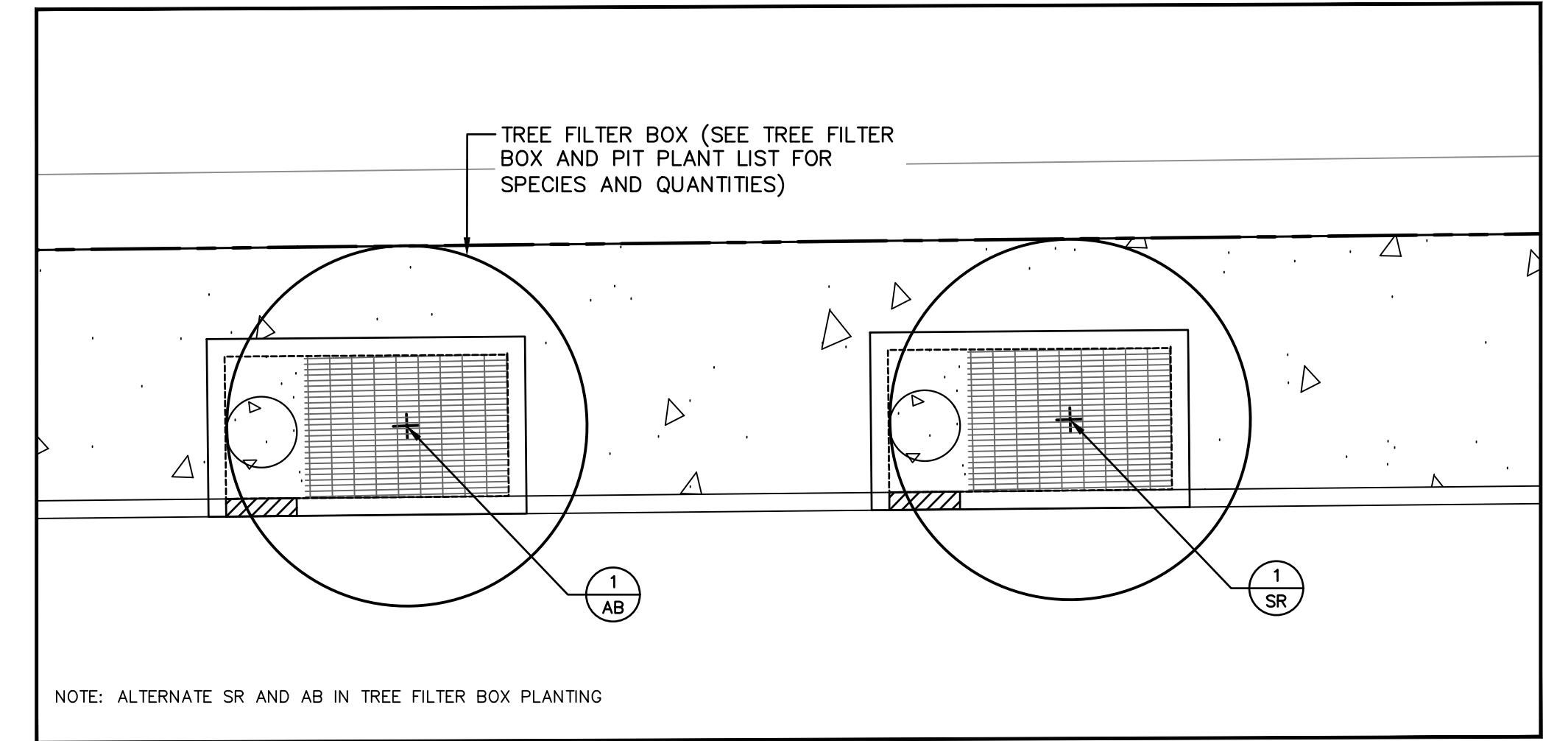


**PLANTER IN PERMEABLE PAVERS W/ TRELLIS FOOTING**  
NOT TO SCALE

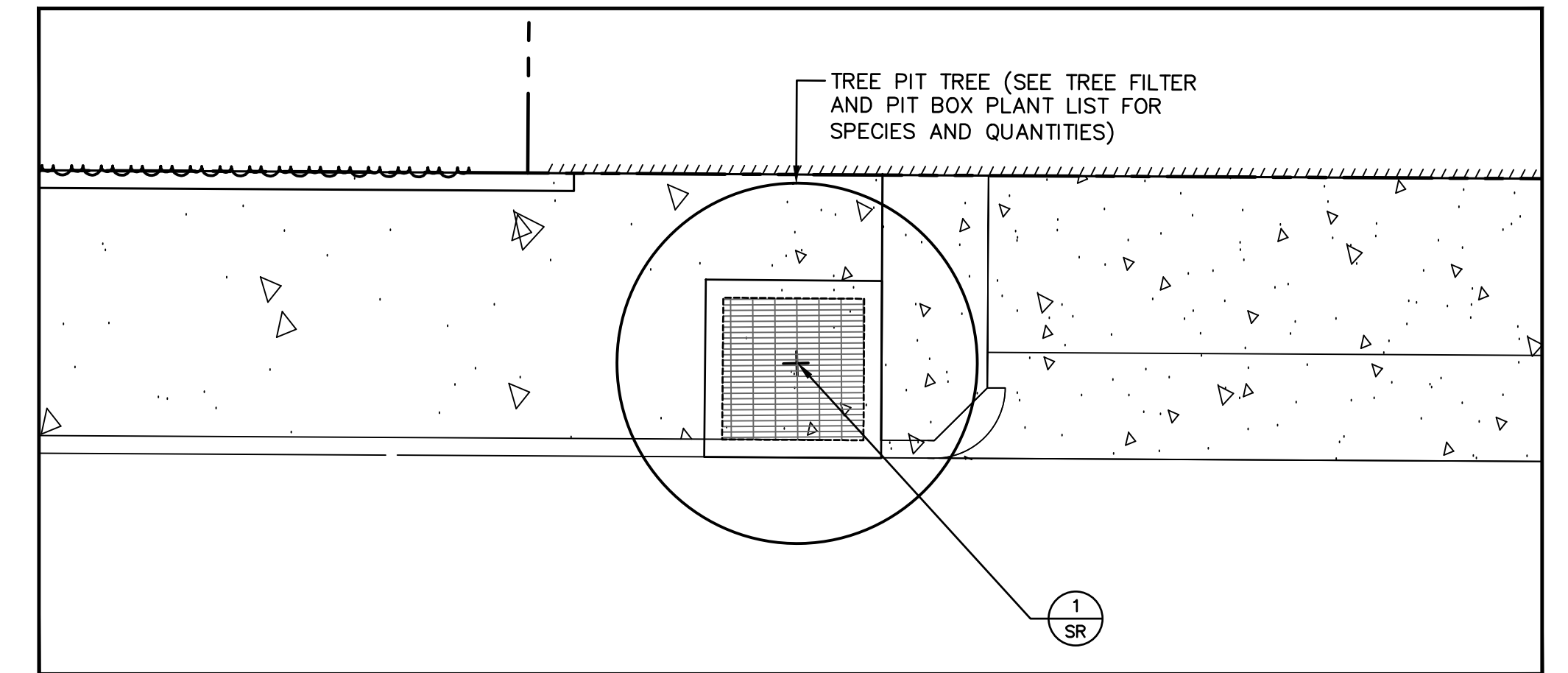


- NOTES:**
1. FOOTING ABOVE SHOWN FOR REFERENCE PURPOSES ONLY. THE DESIGN OF FOOTING SHALL BE PREPARED BY MANUFACTURER AND INCLUDED WITHIN ALTERNATE BID PRICE.
  2. INSTALL FOOTING PER MANUFACTURER'S SPECIFICATIONS.

**PARKLET TRELLIS FOOTING**  
NOT TO SCALE



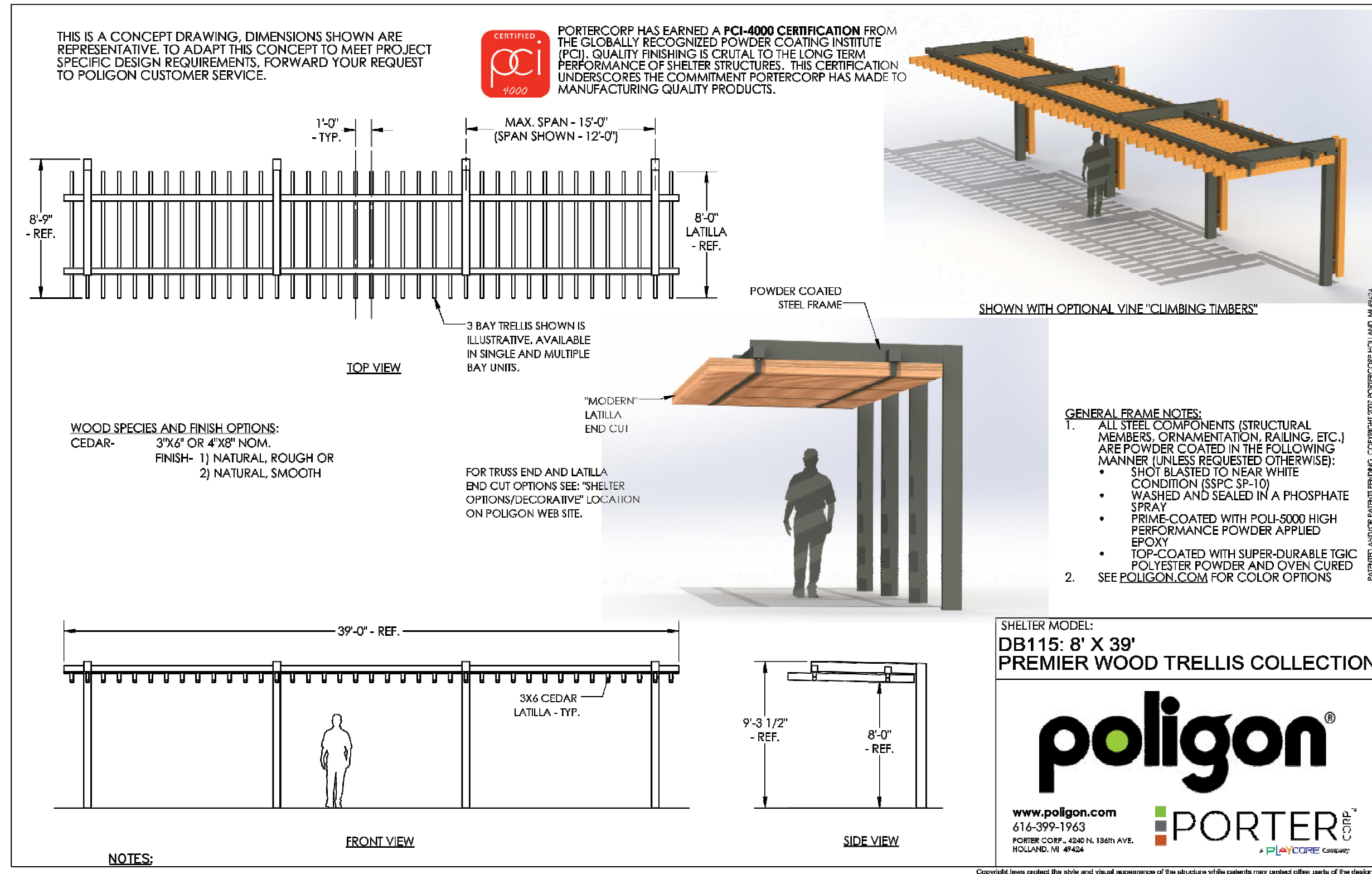
**TREE FILTER BOX PROTOTYPICAL PLANTING PLAN**  
SCALE: 1/4"=1'-0"



**TREE PIT BOX PROTOTYPICAL PLANTING PLAN**  
SCALE: 1/4"=1'-0"

**TREE FILTER BOX AND PIT PLANT LIST**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
<b>ORNAMENTAL TREES</b>				
AB	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	2"-2.5" CAL. SINGLE STEM	10
SR	SYRINGA RETICULATA	JAPANESE TREE LILAC	2"-2.5" CAL.	15

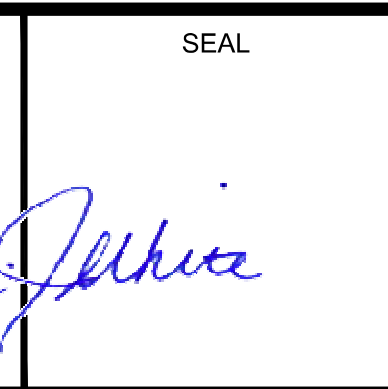
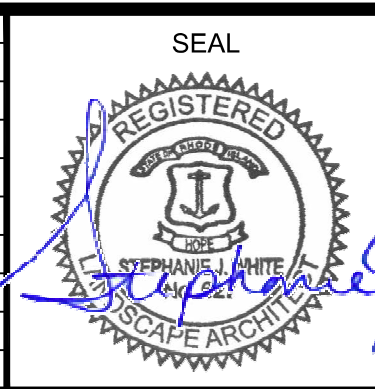


- NOTES:**
1. THIS DETAIL IS SHOWN FOR REFERENCE PURPOSES ONLY. REFER TO THE LANDSCAPE ENLARGEMENT PLANS FOR THE ACTUAL LAYOUT, CONFIGURATION, AND DIMENSIONS OF BOTH TRELLISES.
  2. THE ACTUAL TRELLIS DESIGNS SHALL BE PREPARED BY MANUFACTURER AND INCLUDED WITHIN ALTERNATE BID PRICES FOR EACH TRELLIS.
  3. INSTALL TRELLISES, POSTS, AND FOOTINGS PER MANUFACTURER'S SPECIFICATIONS.

**BARTON AND CONANT STREET PARKLET TRELLIS TYPICAL DETAIL**  
NOT TO SCALE

File: J:\DWG\IP2015\09511C10\Civil\Plan\201509511C10\_LND01.dwg Layout: LP-104 Plotted: 2025-02-14 7:03 AM Saved: 2025-02-14 7:03 AM User: Sean Arndta  
LAYER STATE: PC3: NONE STB/CTB: FO STB

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER



**SCALE:**

HORIZ.: 1/4" = 1'-0"

VERT.:           

**DATUM:**

HORIZ.: NAD83

VERT.: NAVD88

GRAPHIC SCALE

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CITIES OF PAWTUCKET & CENTRAL FALLS

LANDSCAPE NOTES & DETAILS SHEET NO. 1

PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS

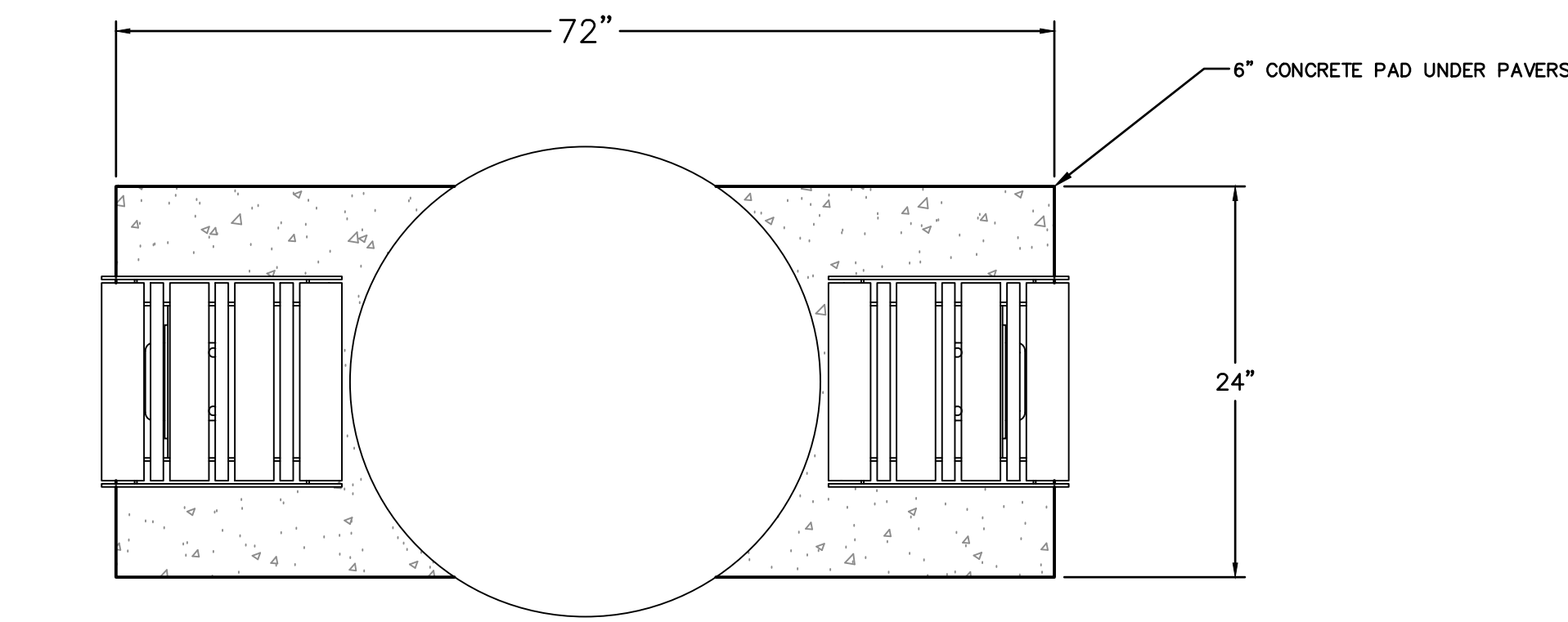
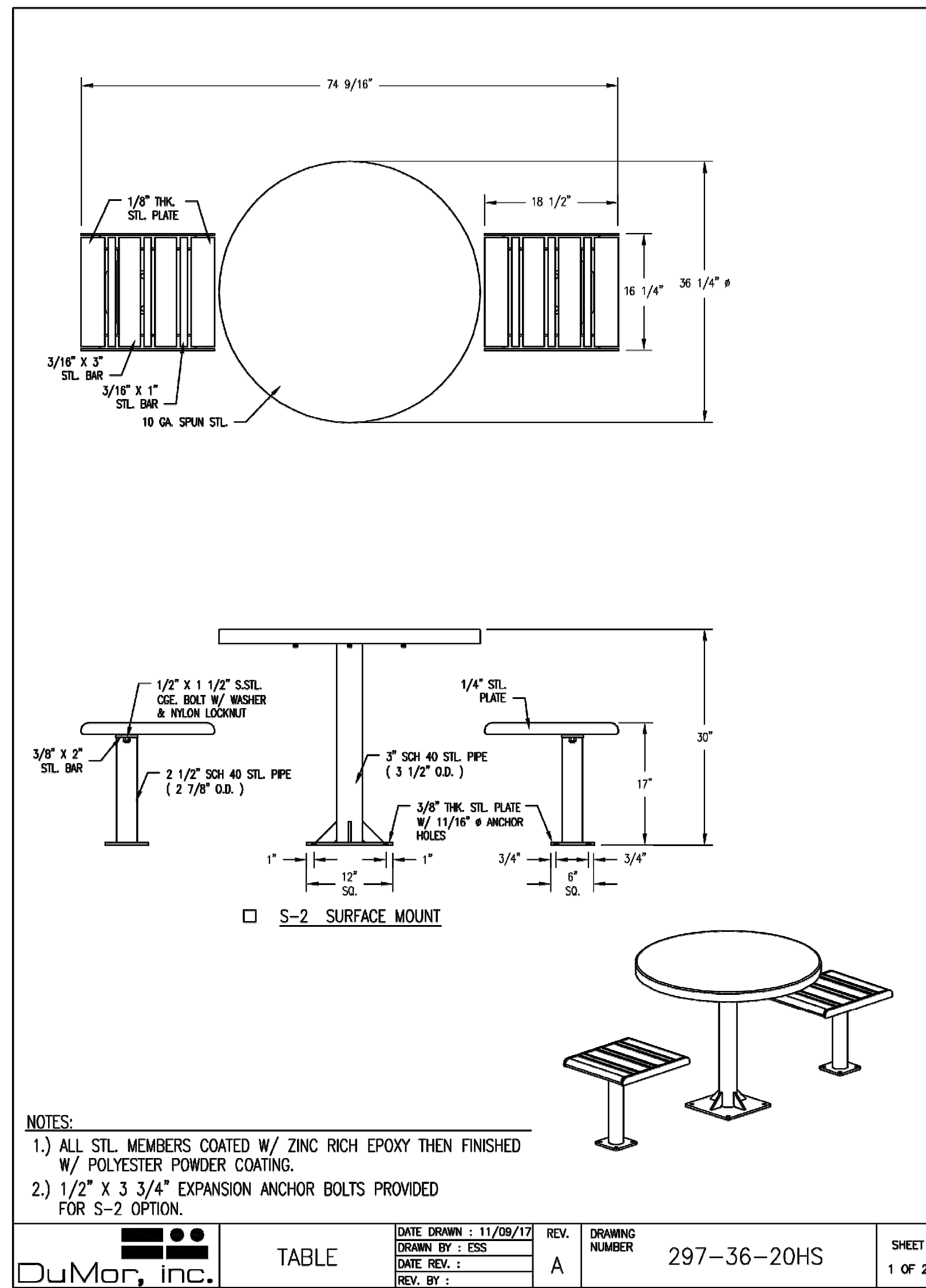
PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
DATE: FEBRUARY 2025

**LP-104**



File: J:\DWG\2015\0951\10\Civil\Plan\20150951\C10\_LND01.dwg Layout: LP-105 Plotted: 2025-02-14 7:03 AM Saved: 2025-02-14 7:03 AM User: Sean Arruda  
 MS VIEW: LAYER STATE: PC3: NONE STB/CTB: FO.STB



PLAN VIEW

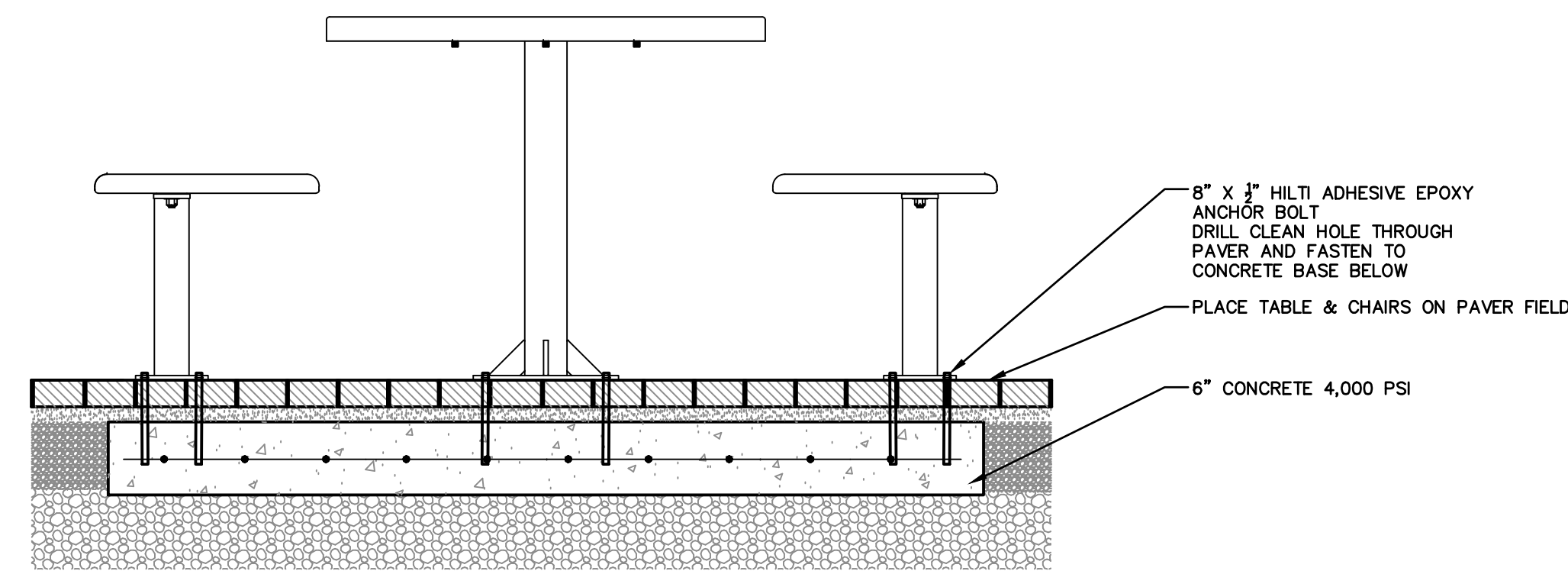
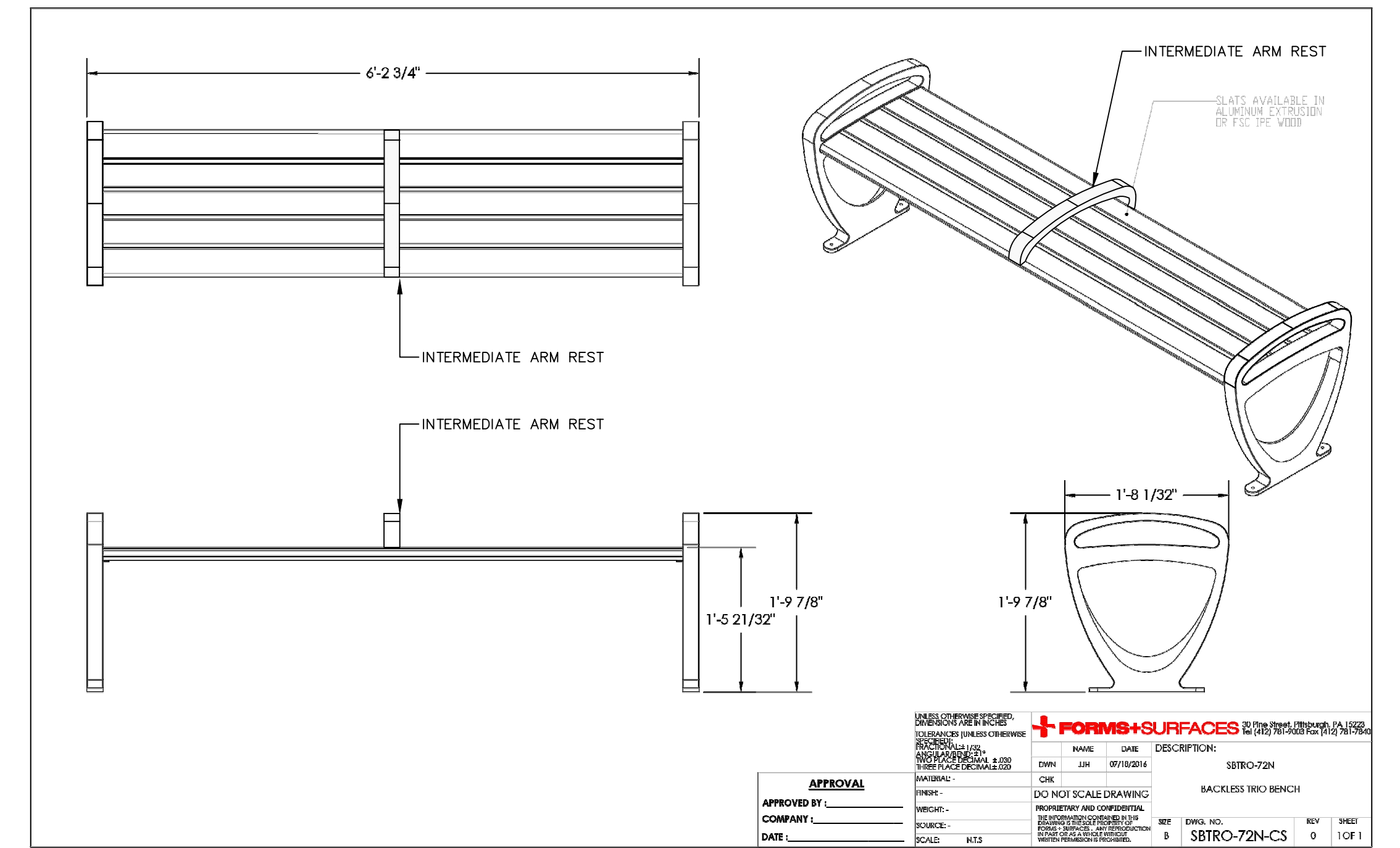
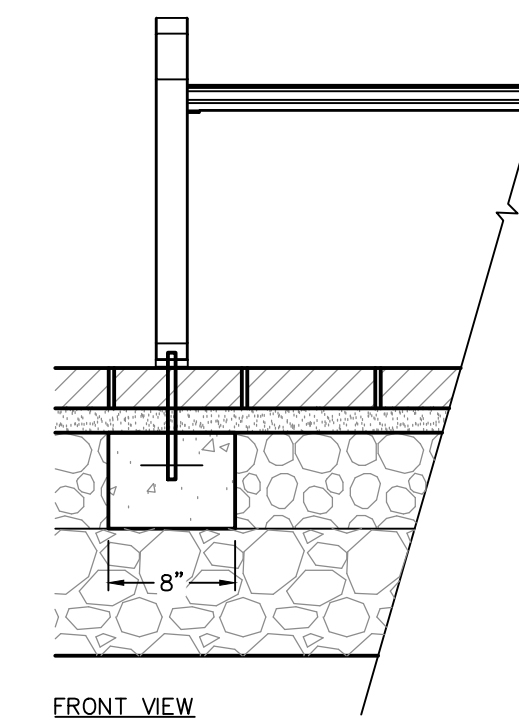


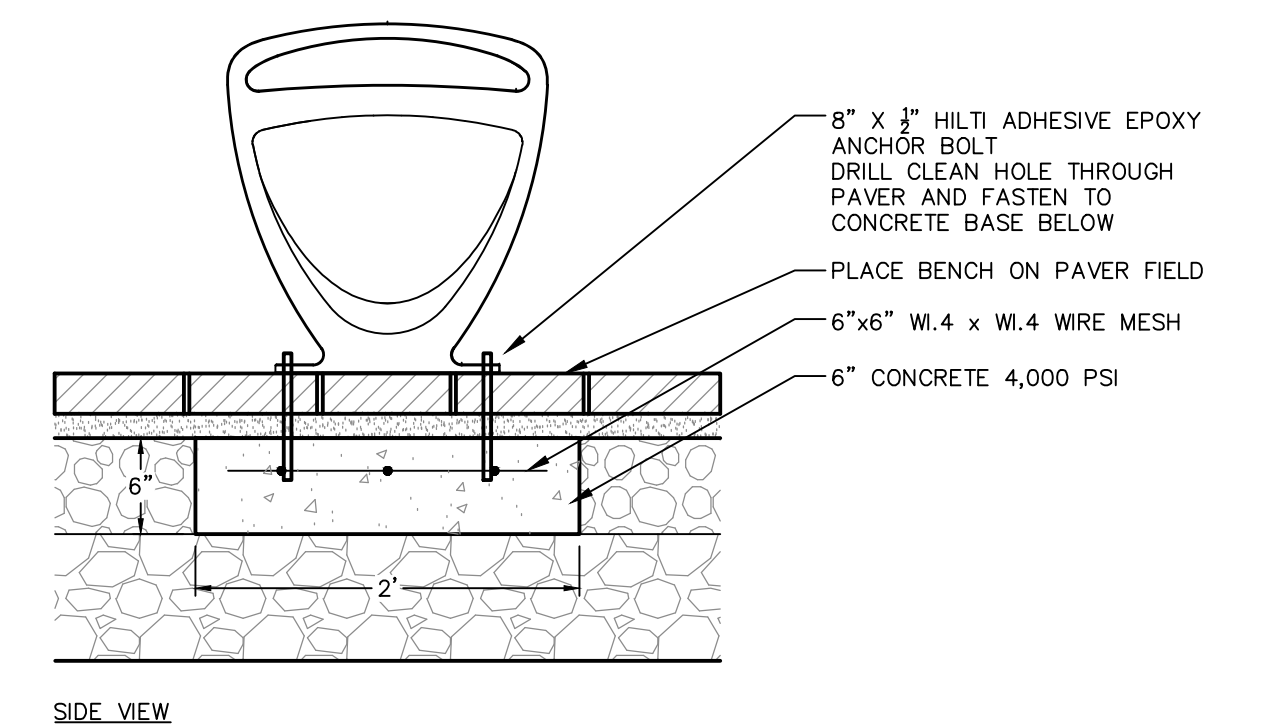
TABLE AND CHAIRS IN PERMEABLE PAVERS  
 SCALE: N.T.S.



SITE BENCH  
 N.T.S.



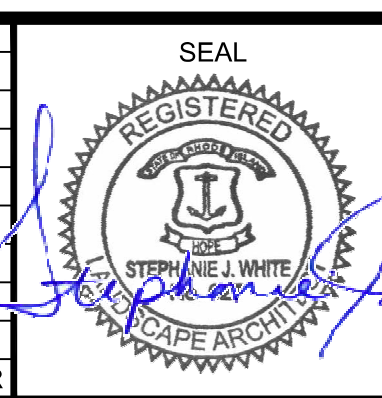
FRONT VIEW



SIDE VIEW

BACKLESS BENCH IN PERMEABLE PAVERS  
 SCALE: N.T.S.

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER



SEAL	SEAL	
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SCALE:	HORIZ.: 1/4" = 1'-0"
	VERT.:
DATUM:	HORIZ.: NAD83
	VERT.: NAVD88
	GRAPHIC SCALE

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 LANDSCAPE NOTES & DETAILS SHEET NO. 2  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**LP-105**

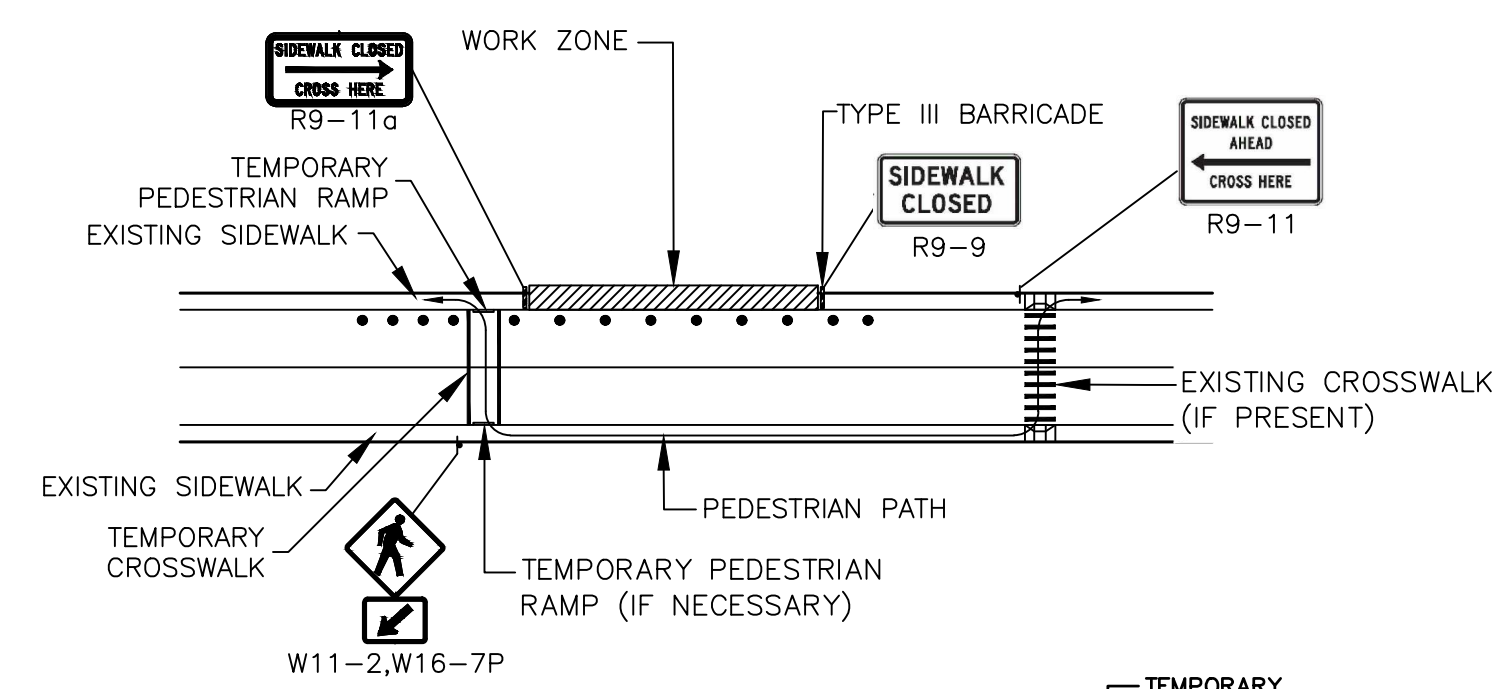






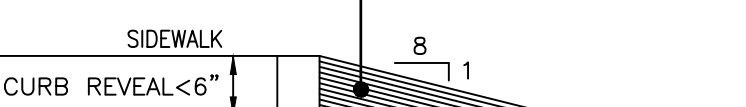
**TEMPORARY PEDESTRIAN BYPASS/DIVERSION NOTES:**

1. PEDESTRIAN TRAFFIC MUST BE DIVERTED ACCORDINGLY THROUGHOUT CONSTRUCTION BY CONTRACTOR USING TYPICAL SIDEWALK CLOSURE APPLICATION AND/OR TEMPORARY PEDESTRIAN BYPASS DETAILS ON THIS SHEET.
2. IF THE WORK ZONE DOES NOT PERMIT PEDESTRIANS TO CROSS AT EXISTING CROSSWALK AND RAMP LOCATIONS, TEMPORARY CROSSWALKS AND RAMPS WITH APPROPRIATE SIGNAGE AS SHOWN IN TEMPORARY BYPASS DETAIL SHOULD BE INSTALLED TO ALLOW PEDESTRIANS TO CROSS TO THE OPPOSITE SIDE OF THE STREET.



**NOTES:**

1. ADDITIONAL ADVANCE WARNING MAY BE NECESSARY.
2. CONTROLS ONLY FOR PEDESTRIAN TRAFFIC ARE SHOWN. VEHICULAR TRAFFIC SHOULD BE HANDLED AS SHOWN ON THIS PLAN.
3. BYPASS IS TO BE USED IN CONJUNCTION WITH THE PROPOSED LANE CLOSURE DETAILS AND DURING CONSTRUCTION STAGING, AS DIRECTED BY THE ENGINEER.

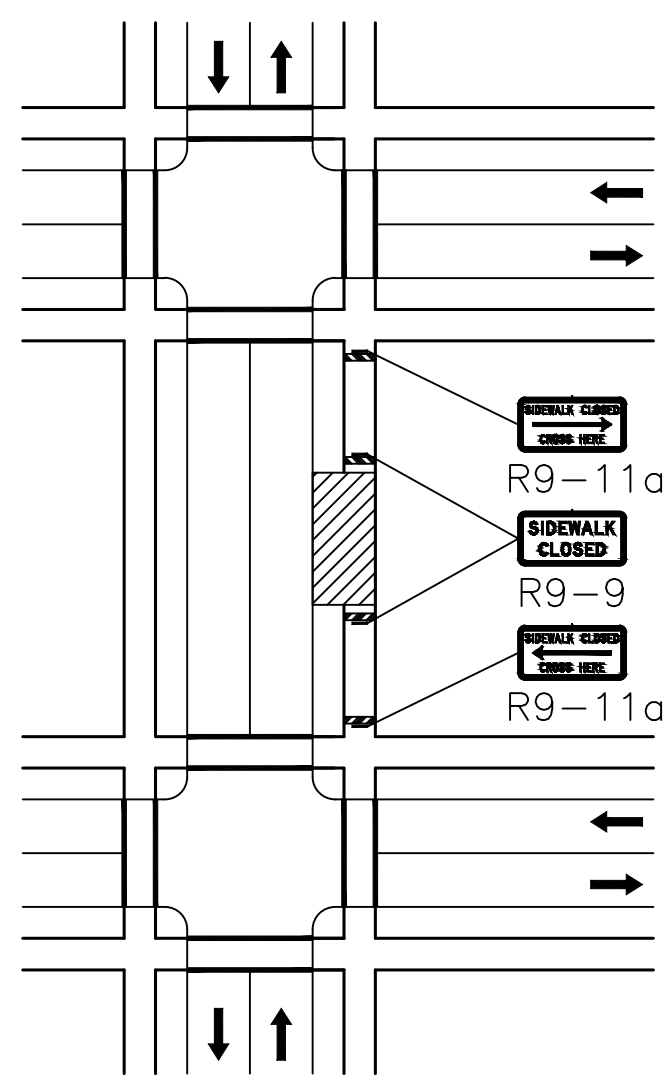


**NOTES:**

1. WHEN CURB RAMPS ARE CLOSED AND NO REASONABLE ACCESSIBLE ALTERNATE ROUTE IS AVAILABLE, TEMPORARY RAMPS SHALL BE INSTALLED. TEMPORARY RAMPS MAY BE CONSTRUCTED WITH ASPHALT.
2. TEMPORARY RAMPS MUST MEET THE FOLLOWING CRITERIA:
  - SURFACE SHALL BE SMOOTH, STABLE AND SLIP RESISTANT, EVEN WHEN WET.
  - SLOPE SHOULD NOT EXCEED 10%.
  - CROSS-SLOPE SHOULD NOT EXCEED 2%, UNLESS RAMP IS WARPED TO SLOPE OF THE STREET OR EXISTING SIDEWALK.
  - RAMPS SHALL HAVE EDGE PROTECTION OR WINGS.
  - TAR PAPER MAY BE USED UNDER ASPHALT TO EASE REMOVAL.
  - SURFACE DISCONTINUITIES SHALL NOT EXCEED 1/2 INCH, AND SHALL BE REVELED IF BETWEEN 1/4 AND 3/8 INCH.
  - SHALL BE AT LEAST 4 FEET WIDE.

TEMPORARY PEDESTRIAN RAMP DETAIL  
NOT TO SCALE

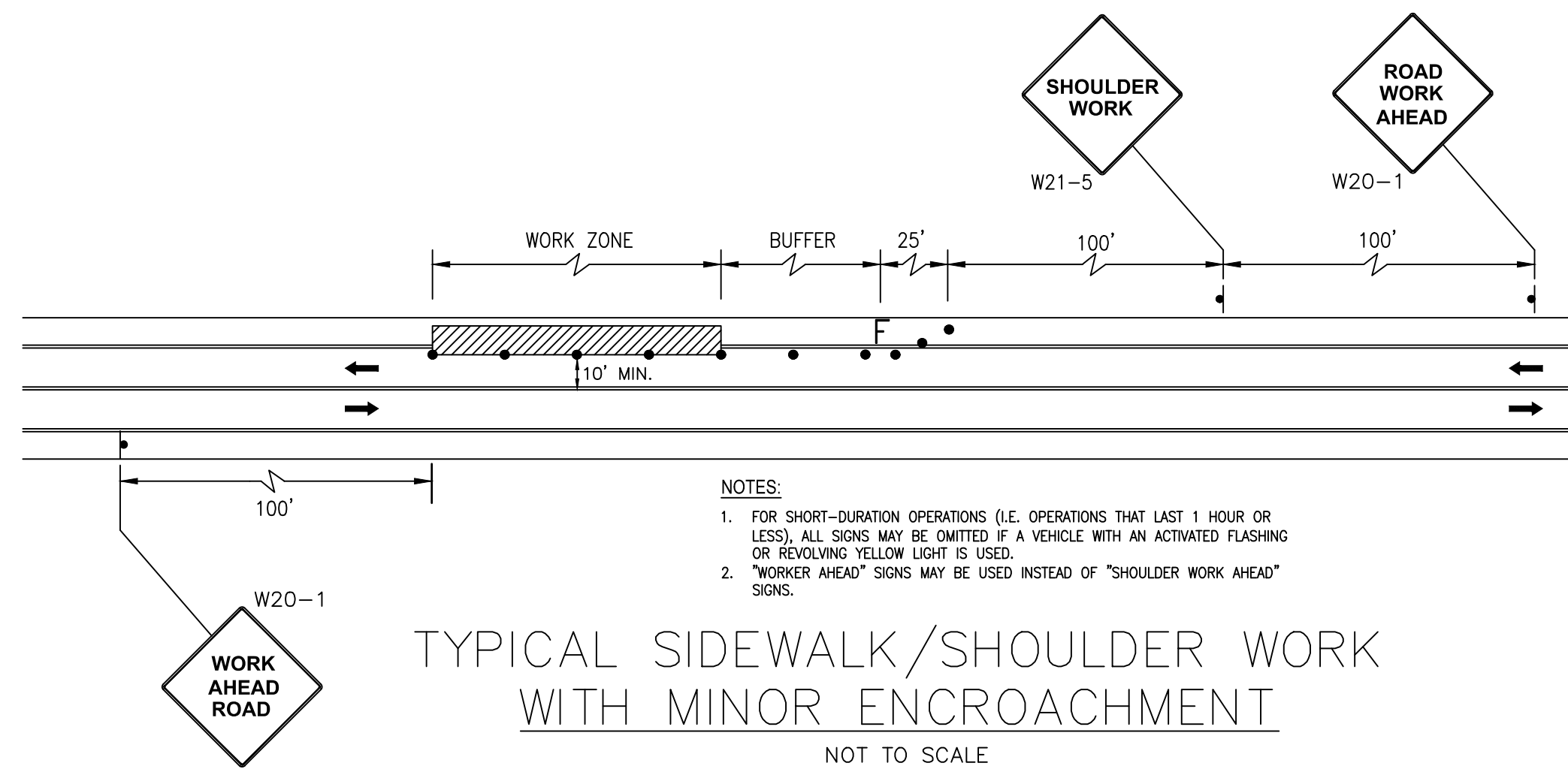
**PEDESTRIAN BYPASS (AS REQUIRED)**  
NOT TO SCALE



**NOTES:**

1. ONLY TRAFFIC CONTROL DEVICES ASSOCIATED WITH CONTROLLING PEDESTRIAN FLOWS ARE SHOWN ABOVE. USE LANE AND/OR SHOULDER CLOSURE SIGNS AS INCLUDED ON CT-101 AND CT-102 AS APPLICABLE FOR TYPE OF WORK BEING PERFORMED.
2. SIDEWALK CLOSURE SIGNS SHALL BE PLACED IN ADVANCE OF WORK BEING PERFORMED SUCH THAT PEDESTRIANS ARE DIRECTED TO NEAREST CROSSWALK WHEN CROSSING ROADWAY.
3. ADDITIONAL SIGNS MAY BE PLACED ALONG SIDEWALK TO GUIDE OR DIRECT PEDESTRIANS IF NECESSARY.

**TYPICAL SIDEWALK CLOSURE**  
NOT TO SCALE

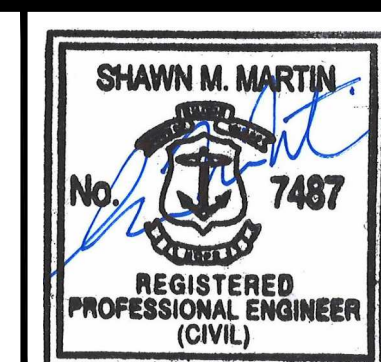


**NOTES:**

1. FOR SHORT-DURATION OPERATIONS (I.E. OPERATIONS THAT LAST 1 HOUR OR LESS), ALL SIGNS MAY BE OMITTED IF A VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT IS USED.
2. "WORKER AHEAD" SIGNS MAY BE USED INSTEAD OF "SHOULDER WORK AHEAD" SIGNS.

**TYPICAL SIDEWALK/SOULDER WORK WITH MINOR ENCROACHMENT**  
NOT TO SCALE

SEAL

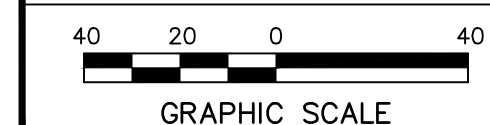


SCALE:

HORIZ.: 1"= 40'  
VERT.:

DATUM:

HORIZ.: NAD83  
VERT.: NAVD88



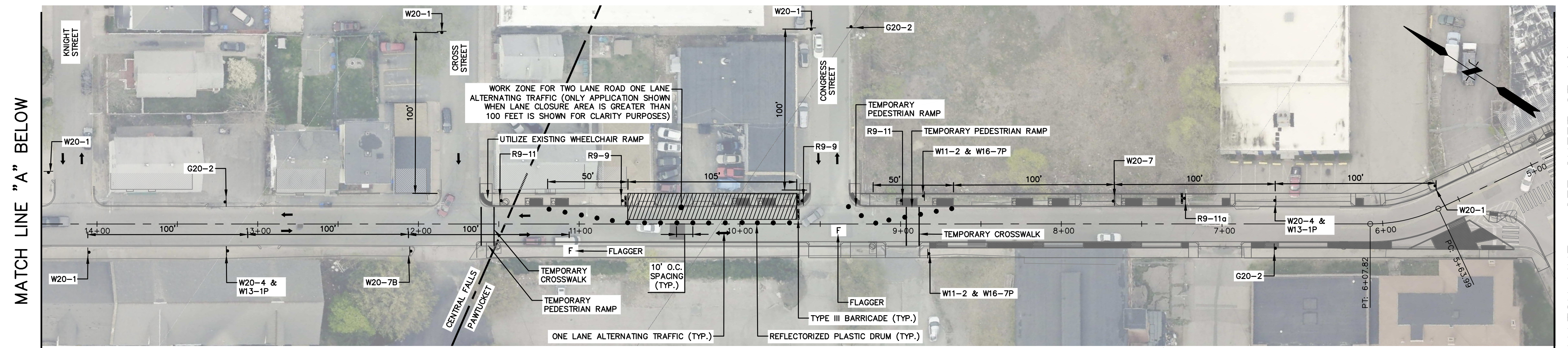
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TRAFFIC MANAGEMENT PLAN NO. 2  
PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
PAWTUCKET & CENTRAL FALLS  
RHODE ISLAND

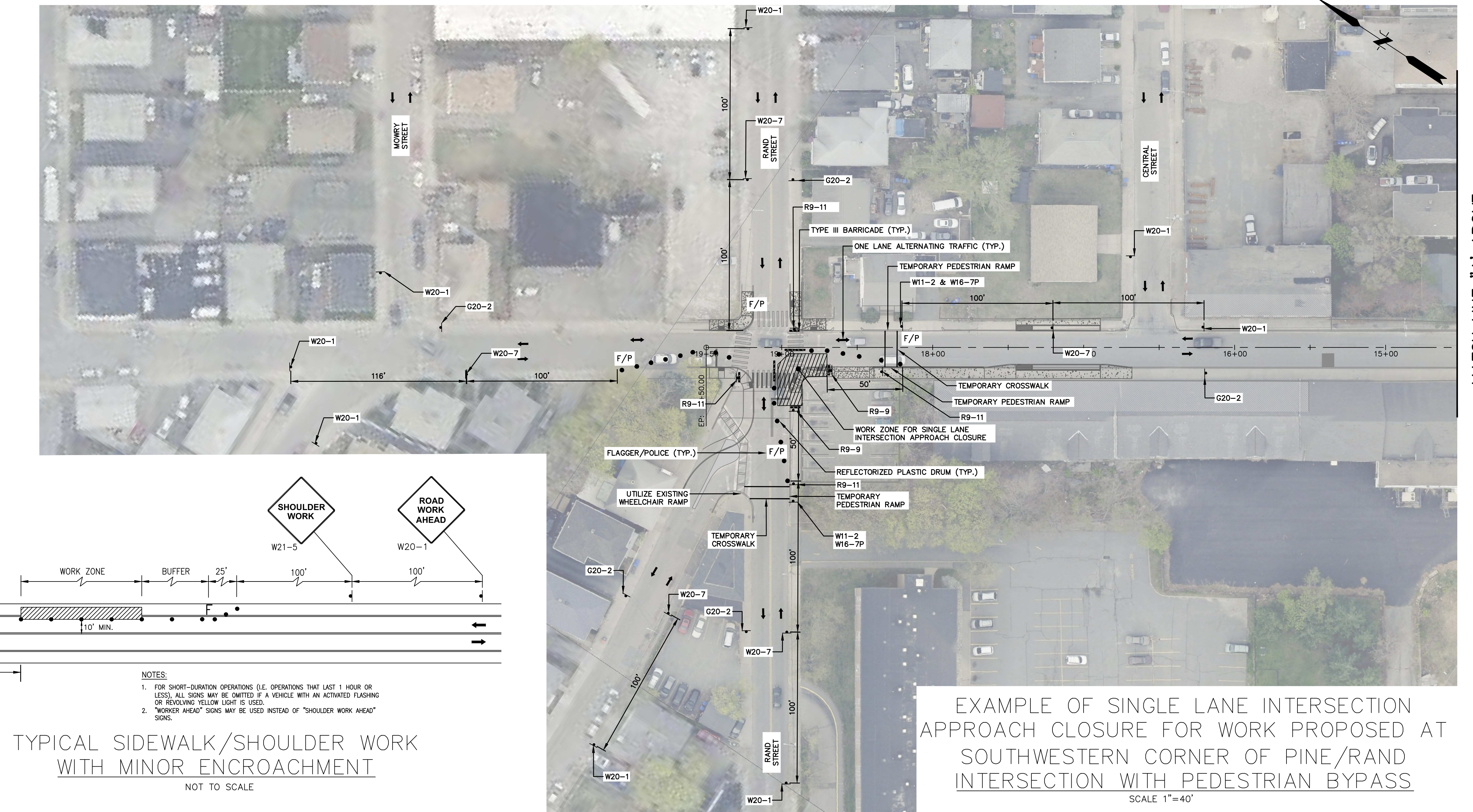
PROJ. No.: 200150951.C30  
DATE: FEBRUARY 2025

**CT-102**

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER



EXAMPLE OF TWO LANE ROAD ONE LANE ALTERNATING TRAFFIC SETUP (WHEN LANE CLOSURE IS GREATER THAN 100 FEET) WITH PEDESTRIAN BYPASS  
SCALE 1"=40'



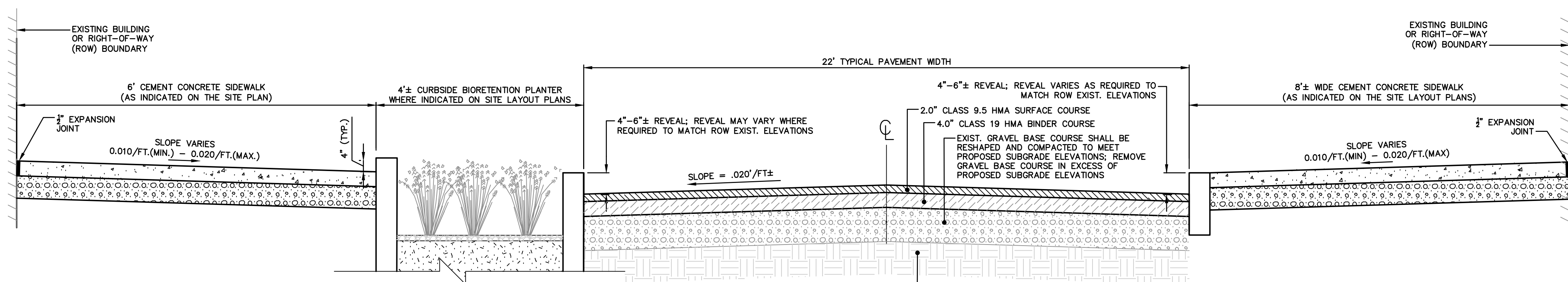
EXAMPLE OF SINGLE LANE INTERSECTION APPROACH CLOSURE FOR WORK PROPOSED AT SOUTHWESTERN CORNER OF PINE/RAND INTERSECTION WITH PEDESTRIAN BYPASS  
SCALE 1"=40'

MATCH LINE "A" BELOW

MATCH LINE - SEE SHEET CT-101

MATCH LINE "A" ABOVE



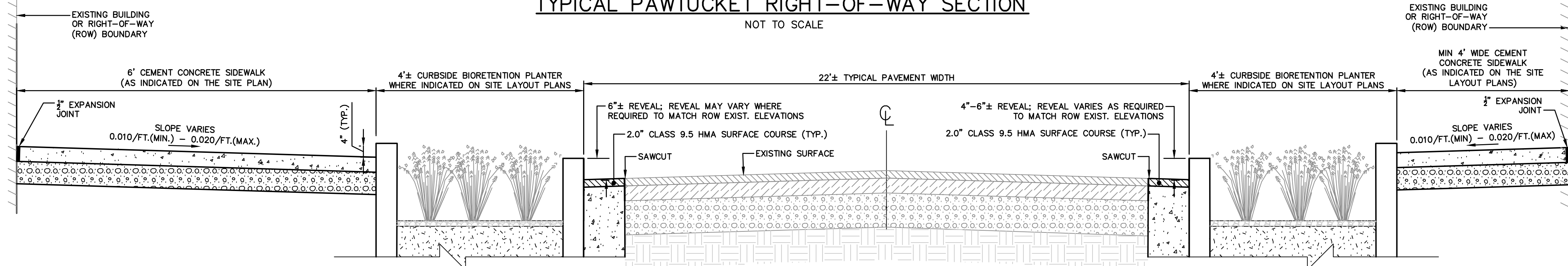


**ROADWAY NOTES:**

- HOT MIX ASPHALTS (HMS) SHALL BE BASED ON AASHTO "SUPERPAVE" ASPHALT DESIGNATIONS, AS ADOPTED BY RIDOT.
- ALL OTHER ROADWAY MATERIALS, INCLUDING GRAVEL, CONCRETE AND CURBING SHALL CONFORM TO THE LATEST EDITION OF THE RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ANY AND ALL LABORATORY AND FIELD TESTING REQUIRED BY THE TOWN TO DEMONSTRATE/VERIFY THAT MATERIALS CONFORM TO APPLICABLE STANDARDS. MATERIALS FOUND NOT TO CONFORM TO APPLICABLE STANDARDS SHALL BE COMPLETELY REMOVED AND REPLACED WITH SUITABLE MATERIALS.
- THE TOWN SHALL RESERVE THE RIGHT TO MODIFY THE REQUIRED MATERIAL THICKNESSES AND OTHER DIMENSIONS IN SPECIFIC INSTANCES WHERE NON-TYPICAL ROAD LOADINGS AND/OR VEHICLE VOLUMES ARE ANTICIPATED.
- IN THE EVENT THAT A CONCRETE DUCT BANK IS ENCOUNTERED WITHIN EXISTING GRAVEL BASE UNDER THE EXISTING ASPHALT PAVEMENT, THE CONCRETE DUCT BANK/UTILITY SHALL NOT BE REMOVED AND SHALL REMAIN IN PLACE. THE NEW ASPHALT PAVEMENT WILL BE INSTALLED ATOP THE DUCT BANK TO MEET PROPOSED ROADWAY ELEVATIONS.

**TYPICAL PAWTUCKET RIGHT-OF-WAY SECTION**

NOT TO SCALE

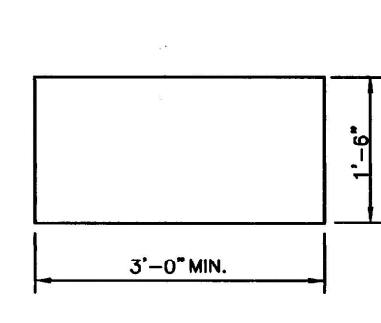


**ROADWAY NOTES:**

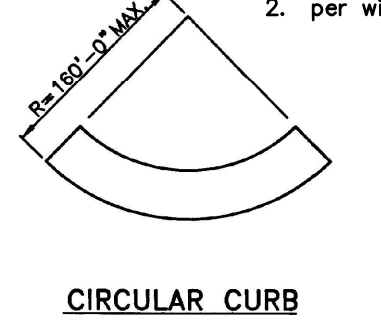
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- CONTRACTOR SHALL PROVIDE ANY AND ALL LABORATORY AND FIELD TESTING REQUIRED BY THE TOWN TO DEMONSTRATE/VERIFY THAT MATERIALS CONFORM TO APPLICABLE STANDARDS. MATERIALS FOUND NOT TO CONFORM TO APPLICABLE STANDARDS SHALL BE COMPLETELY REMOVED AND REPLACED WITH SUITABLE MATERIALS.
- THE TOWN SHALL RESERVE THE RIGHT TO MODIFY THE REQUIRED MATERIAL THICKNESSES AND OTHER DIMENSIONS IN SPECIFIC INSTANCES WHERE NON-TYPICAL ROAD LOADINGS AND/OR VEHICLE VOLUMES ARE ANTICIPATED.
- IN THE EVENT THAT A CONCRETE DUCT BANK IS ENCOUNTERED WITHIN EXISTING GRAVEL BASE UNDER THE EXISTING ASPHALT PAVEMENT, THE CONCRETE DUCT BANK/UTILITY SHALL NOT BE REMOVED AND SHALL REMAIN IN PLACE. THE NEW ASPHALT PAVEMENT WILL BE INSTALLED ATOP THE DUCT BANK TO MEET PROPOSED ROADWAY ELEVATIONS.

**TYPICAL CENTRAL FALLS RIGHT-OF-WAY SECTION**

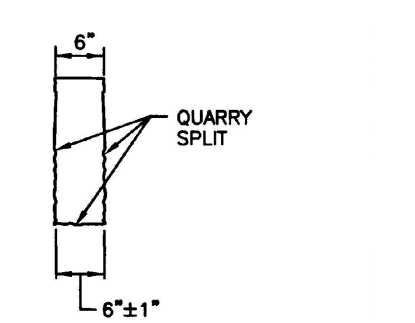
NOT TO SCALE



- add note if existing granite curb is re-used: we can modify to 7" curbing (straight and radius), so no longer a ridot spec.
- per williams stone, top is 7" or 8"

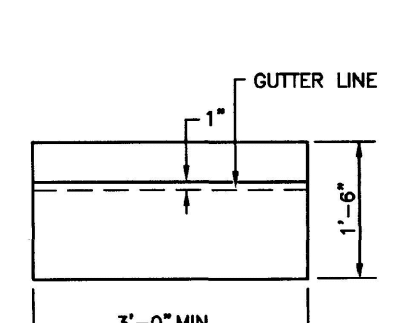


CIRCULAR CURB



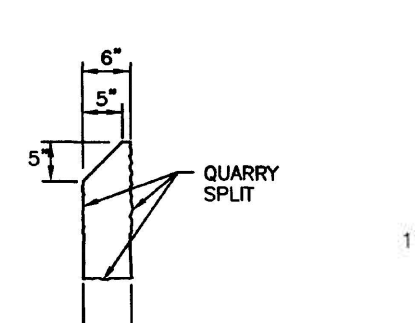
**VERTICAL FACE ROADWAY GRANITE CURB (R.I. STD. 7.3.0)**

NOT TO SCALE



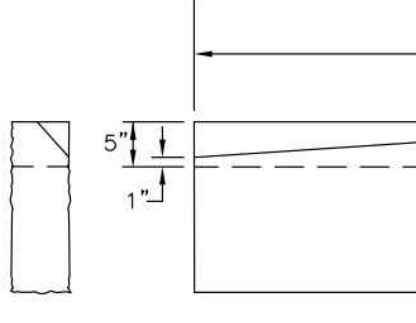
**SLOPE FACE ROADWAY GRANITE CURB (R.I. STD. 7.4.0)**

NOT TO SCALE



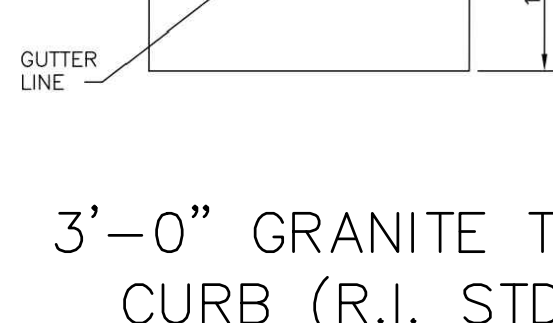
**GRANITE SLOPE FACED TRANSITION CURB (R.I. STD. 7.4.1)**

NOT TO SCALE



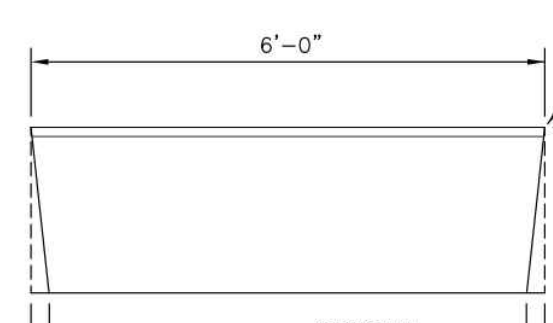
**GRANITE TRANSITION CURB - VERTICAL FACE TO SLOPED FACE (R.I. STD. 7.4.2)**

NOT TO SCALE



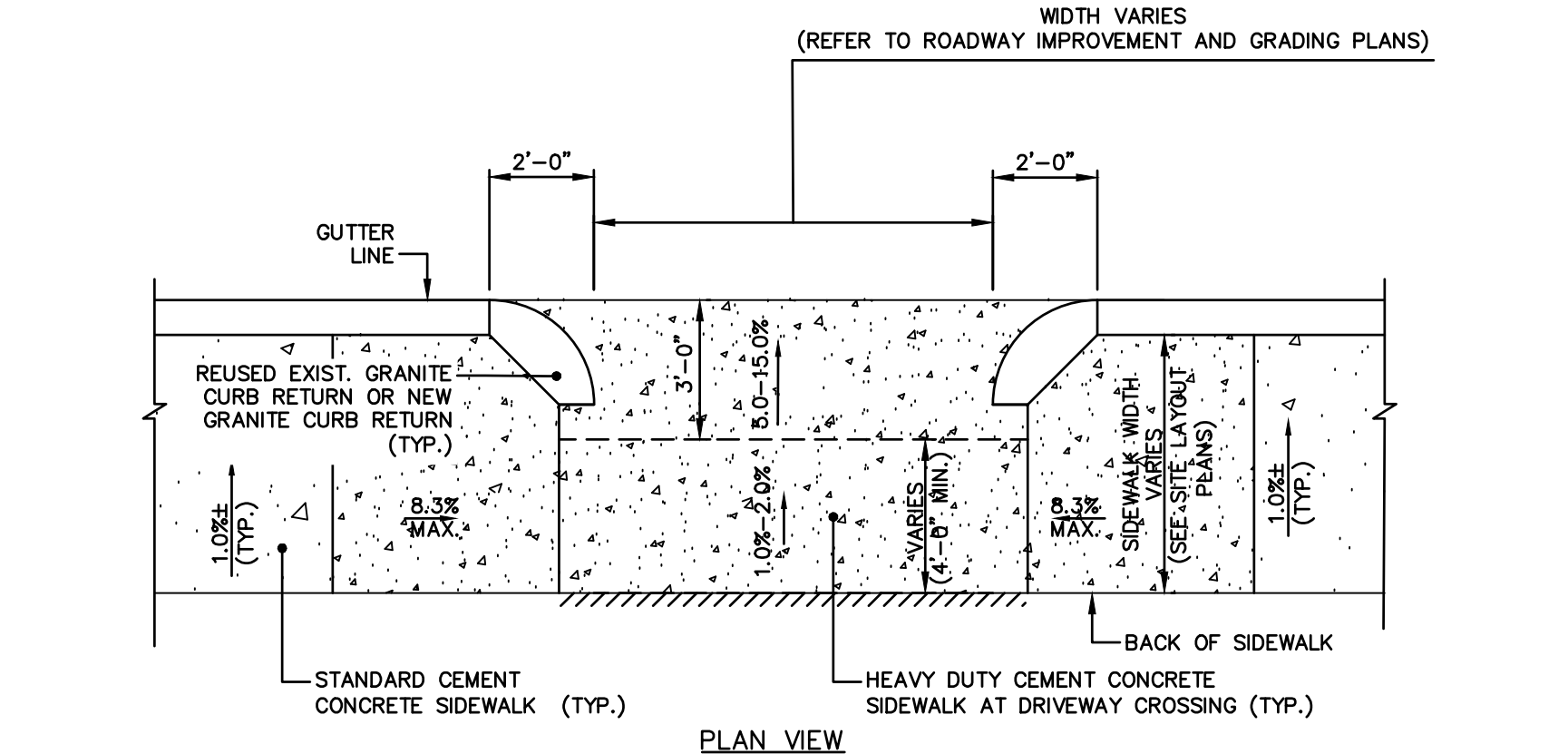
**3'-0" GRANITE TRANSITION CURB (R.I. STD. 7.3.1)**

NOT TO SCALE

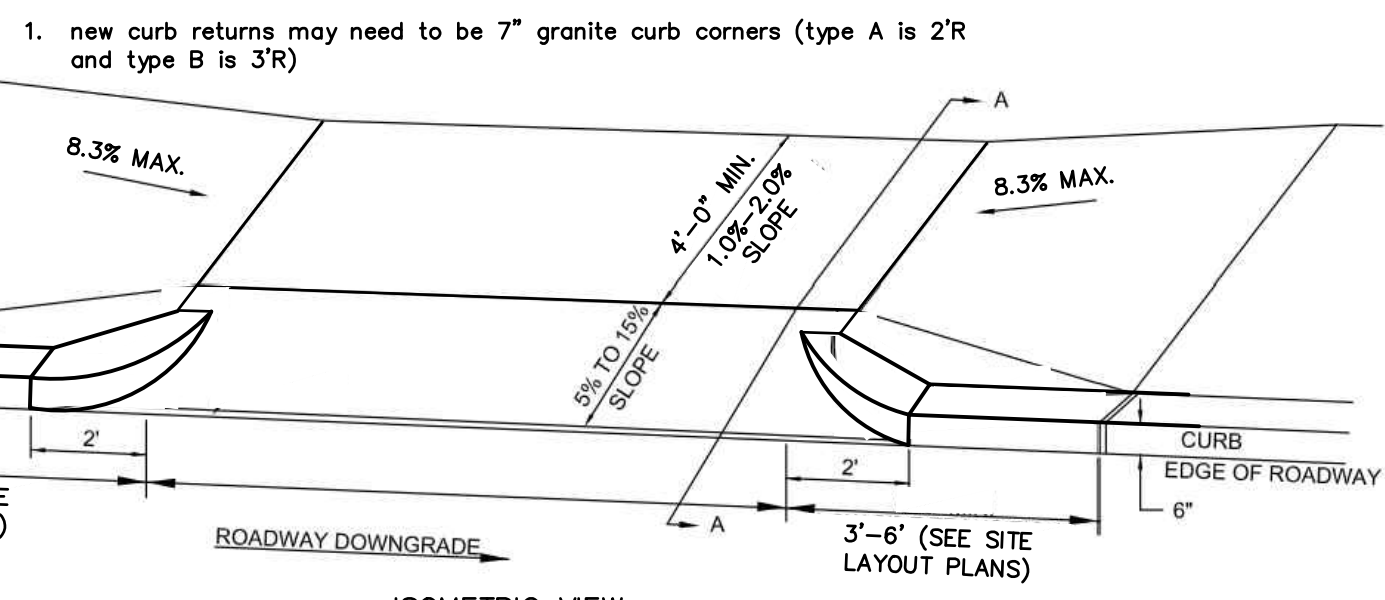


**6'-0" GRANITE TRANSITION CURB (R.I. STD. 7.3.2)**

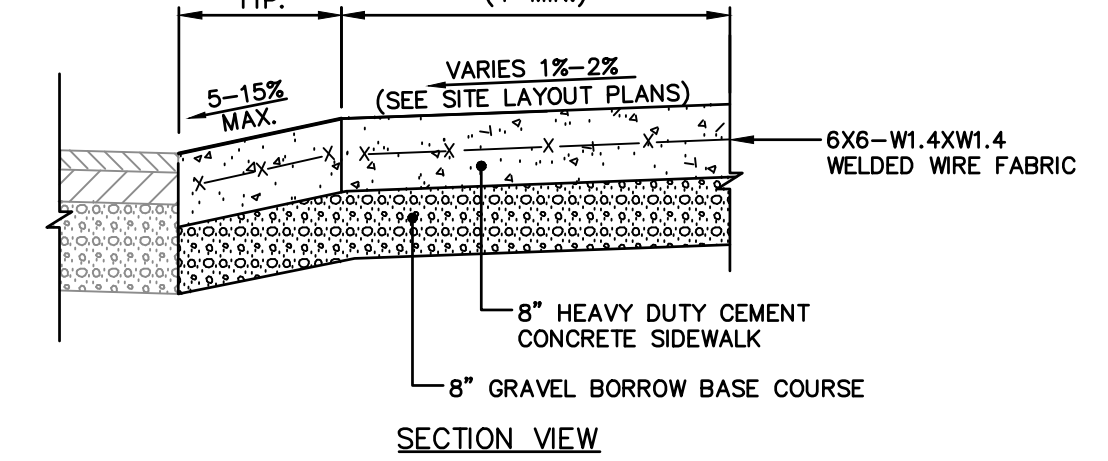
NOT TO SCALE



PLAN VIEW



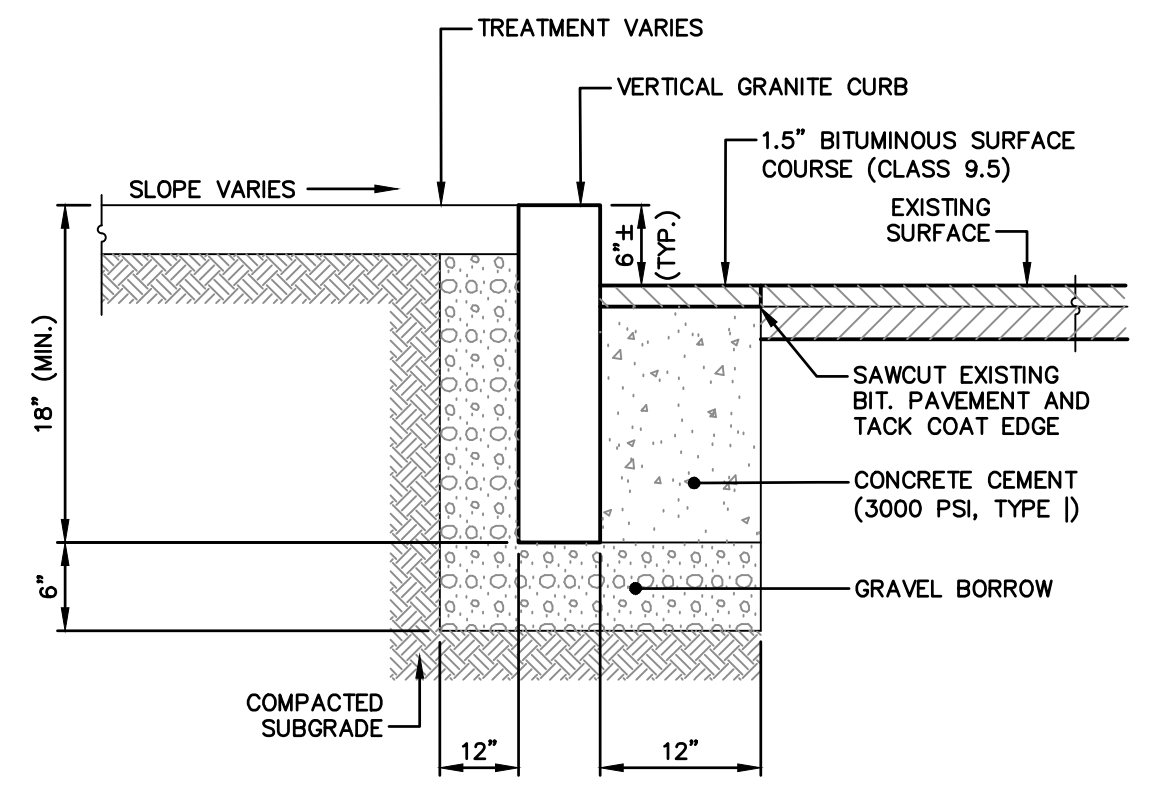
ISOMETRIC VIEW



SECTION VIEW

**CONCRETE DRIVEWAY THROUGH SIDEWALK**

NOT TO SCALE



**NOTES:**

- NEW CURBING INSTALLED ADJACENT TO EXISTING CURBING SHALL MATCH THE EXISTING REVEAL OR A MINIMUM OF 4 INCHES, WHICHEVER IS GREATER. IF ADJACENT EXISTING REVEAL IS LESS THAN 4 INCHES, THE FIRST SECTION OF NEW CURB SHALL TRANSITION TO 4-INCH REVEAL.
- ALL PAVEMENT MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SECTIONS 401 AND M.03 OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (AUGUST 2013).
- GRAVEL BORROW SHALL BE WELL GRADED AND MEET THE GRADATION REQUIREMENTS SPECIFIED IN COLUMN 1, TABLE 1 IN SUBSECTION M.01.09 OF RIDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- GRAVEL BORROW SHALL BE INSTALLED IN 6-INCH LIFTS AND COMPACTED TO 95-PERCENT MODIFIED PROCTOR.
- UNSUITABLE MATERIAL WITHIN SUBGRADE SHALL BE REMOVED AND REPLACED WITH GRAVEL BORROW.

**VERTICAL ROADWAY GRANITE CURB SETTING DETAIL (R.I. STD. 7.6.0)**

NOT TO SCALE

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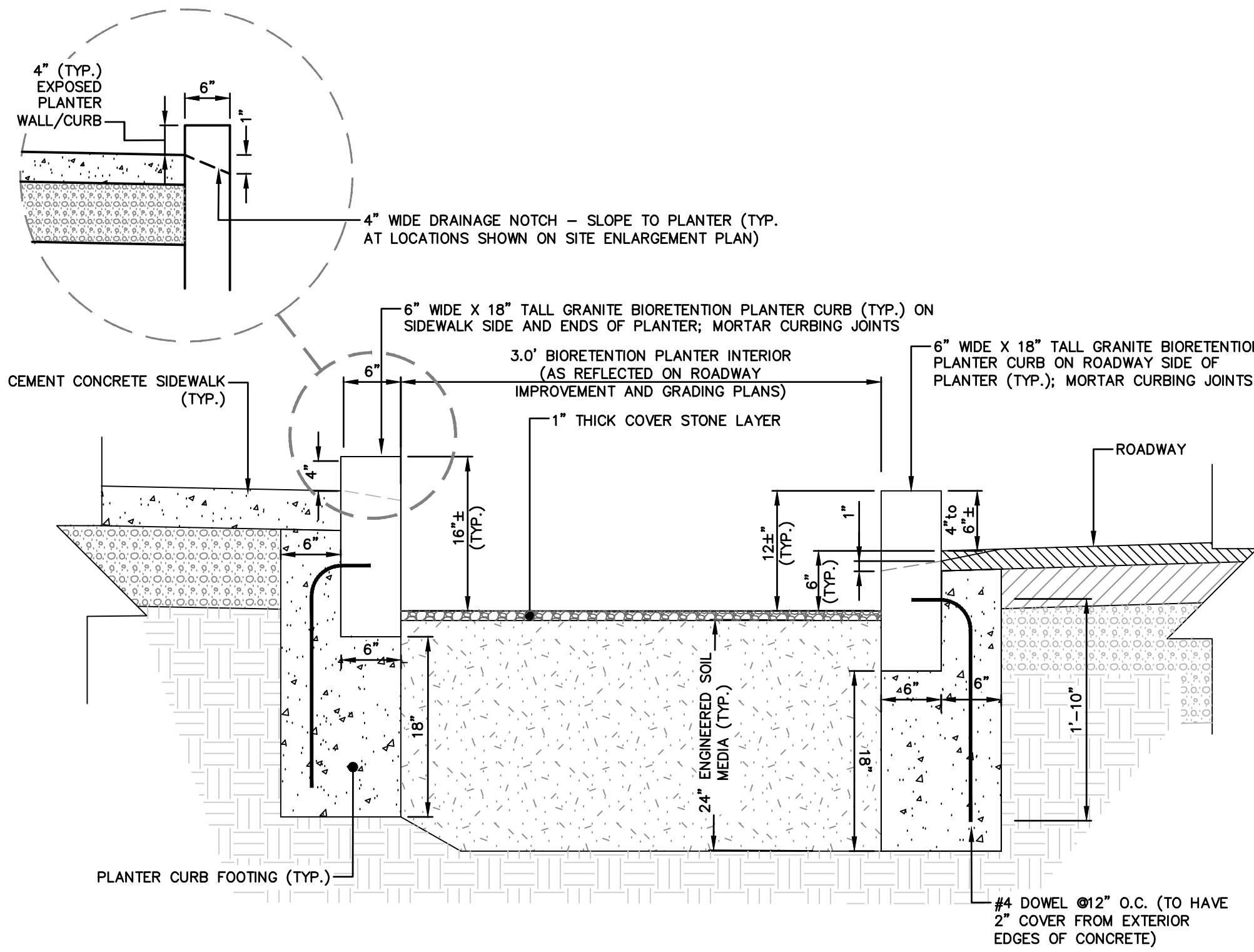
CITIES OF PAWTUCKET & CENTRAL FALLS  
 CONSTRUCTION DETAILS  
 PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
 PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
 DATE: FEBRUARY 2025  
**CD-501**



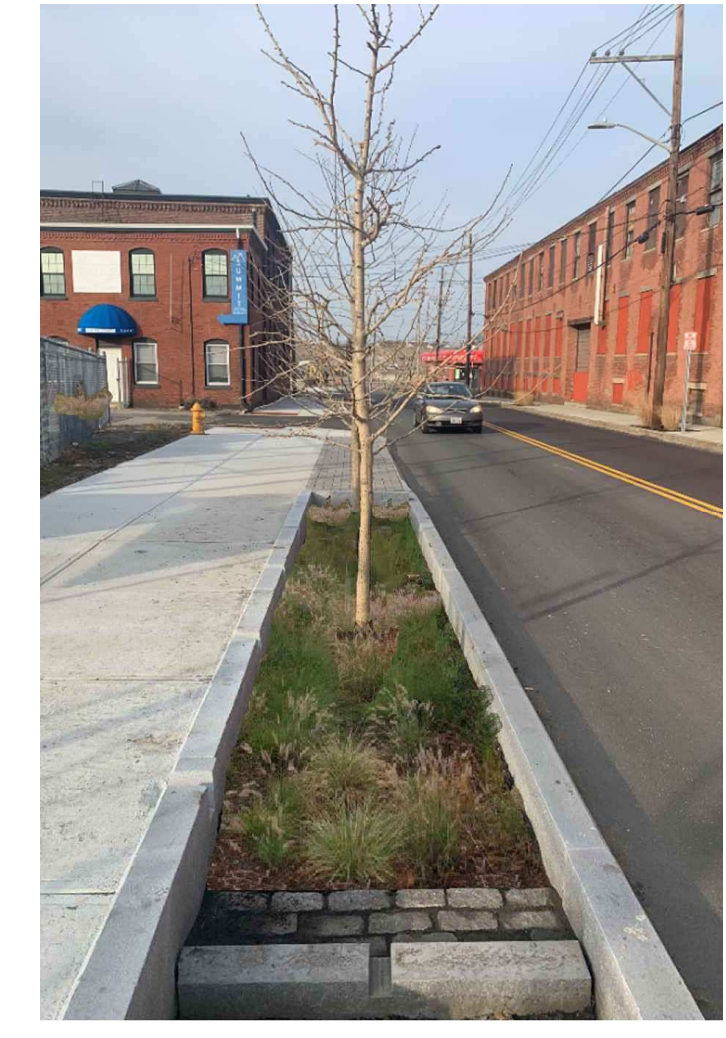




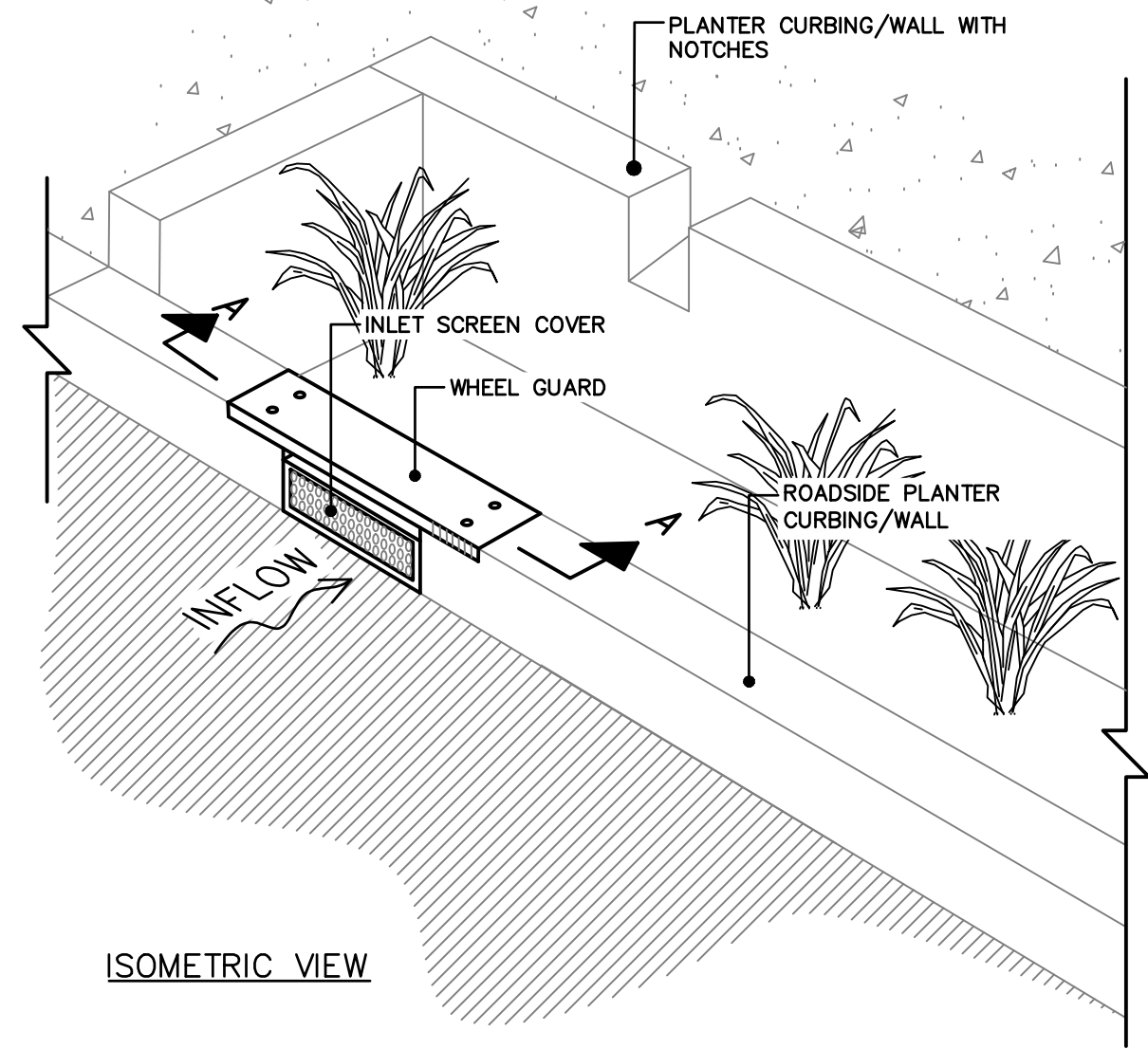


- NOTES:**
1. INSTALL TEMPORARY 2"x4" HORIZONTAL SUPPORTS OR SIMILAR, SPACED INTERMITTENTLY, WITHIN PLANTERS TO SUPPORT PLANTER CURBING UNTIL PLANTER CURB FOOTINGS AND ENGINEERED SOIL MEDIA IS INSTALLED WITHIN PLANTERS.
  2. DUE TO RELATIVE NARROW WIDTH OF PLANTERS, CONCRETE POURED TO FORM THE PLANTER CURB FOOTINGS SHALL NOT PROTRUDE ANY MORE THAN 3" OFF OF INTERIOR FACE OF CURB. UTILIZE FORMWORK AS NECESSARY TO MEET THIS CRITERIA.
  3. MORTAR FOR CURBING JOINTS SHALL BE IN ACCORDANCE WITH M04.03.5 OF THE RIDOT STANDARD SPECIFICATIONS.

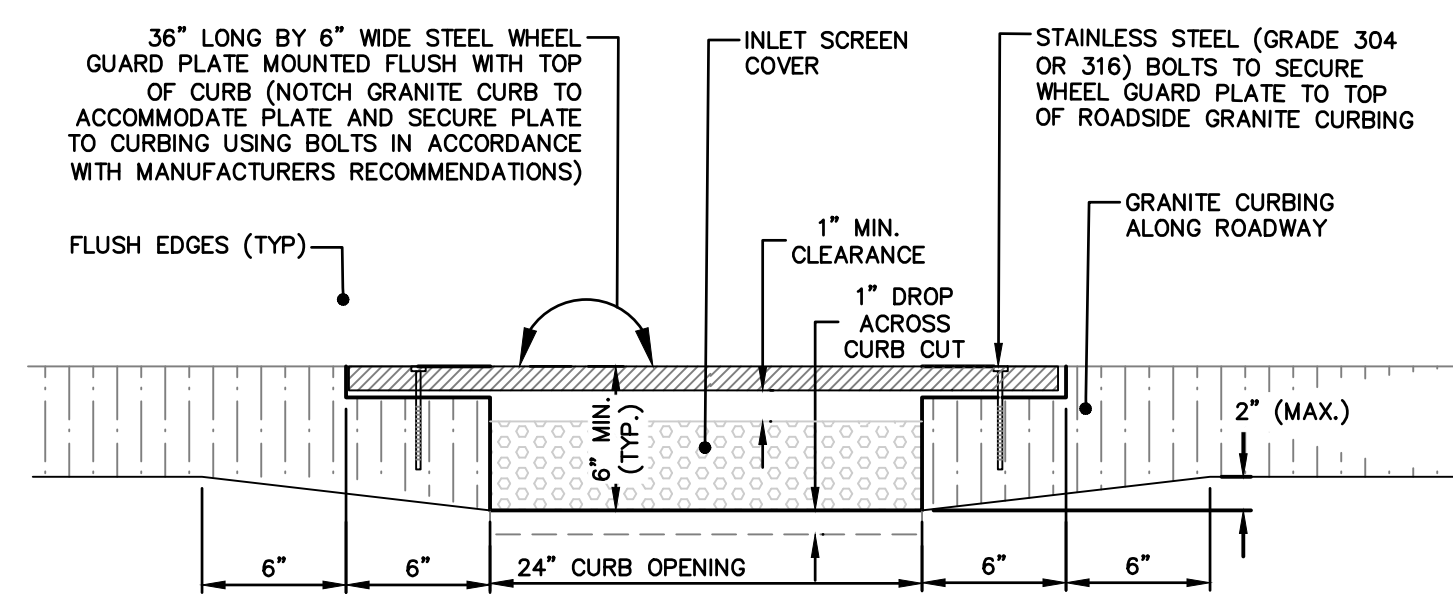
**CURBSIDE BIORETENTION PLANTER TYPICAL CROSS SECTION**  
NOT TO SCALE



**TYPICAL ENGINEERED SOIL MEDIA COMPOSITION:**  
ENGINEERED SOIL MEDIA SHALL HAVE A LOAMY SAND SOIL TEXTURE PER USDA TEXTURAL TRIANGLE. THE SOIL MIXTURE SHALL BE 60 - 70% SAND BY VOLUME; 15 - 25% TOPSOIL OR LOAM BY VOLUME; AND 15 - 25% ORGANIC MATTER (CONSISTING OF PARTIALLY DECOMPOSED SPHAGNUM PEAT WITH 100% PASSING A 1/2" SIEVE, AND A PH OF 3.4 TO 4.8; OR GROUND PINE BARK MULCH) BY VOLUME, WITH A MAXIMUM SILT AND CLAY CONTENT OF 8%.

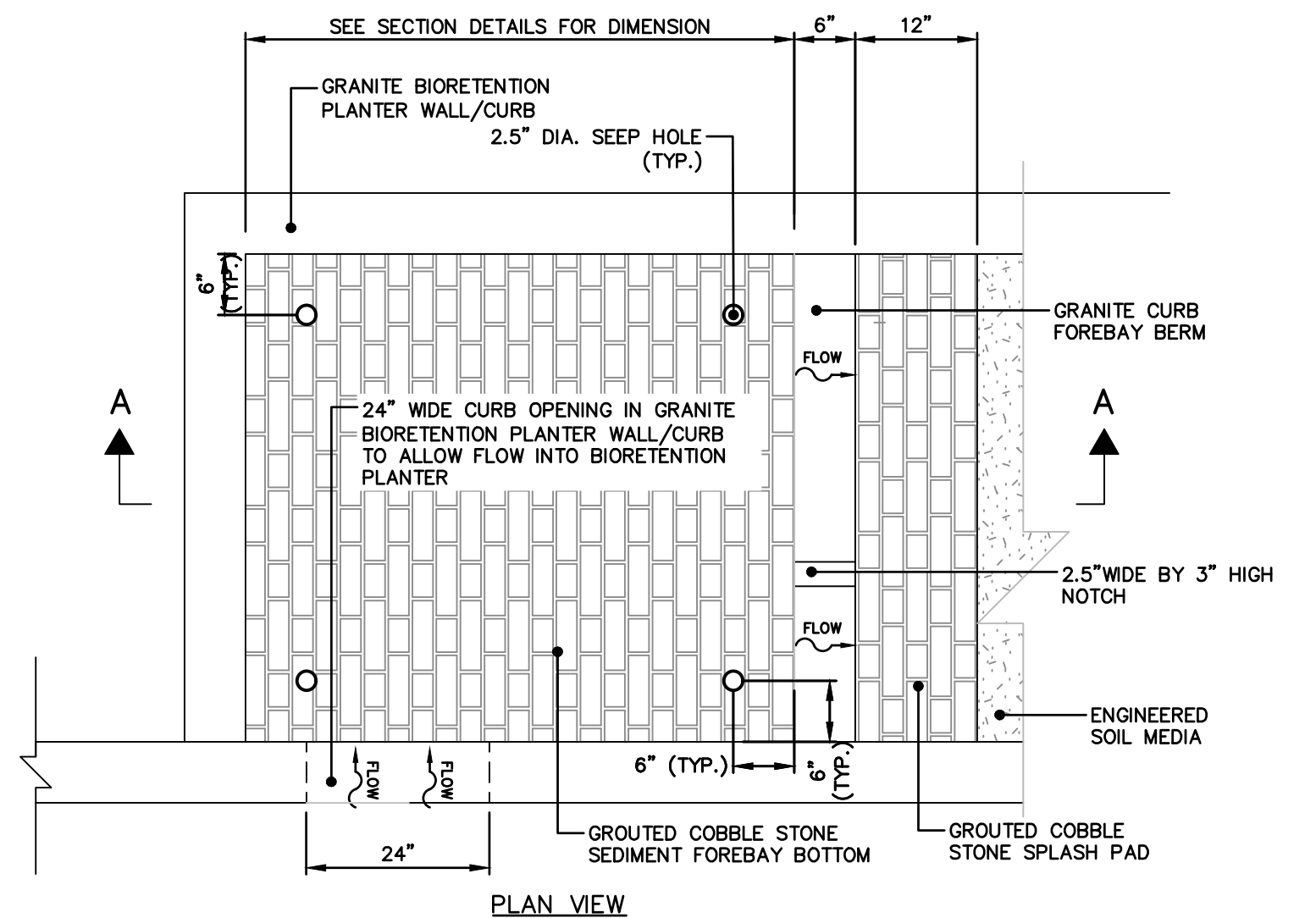


**ISOMETRIC VIEW**

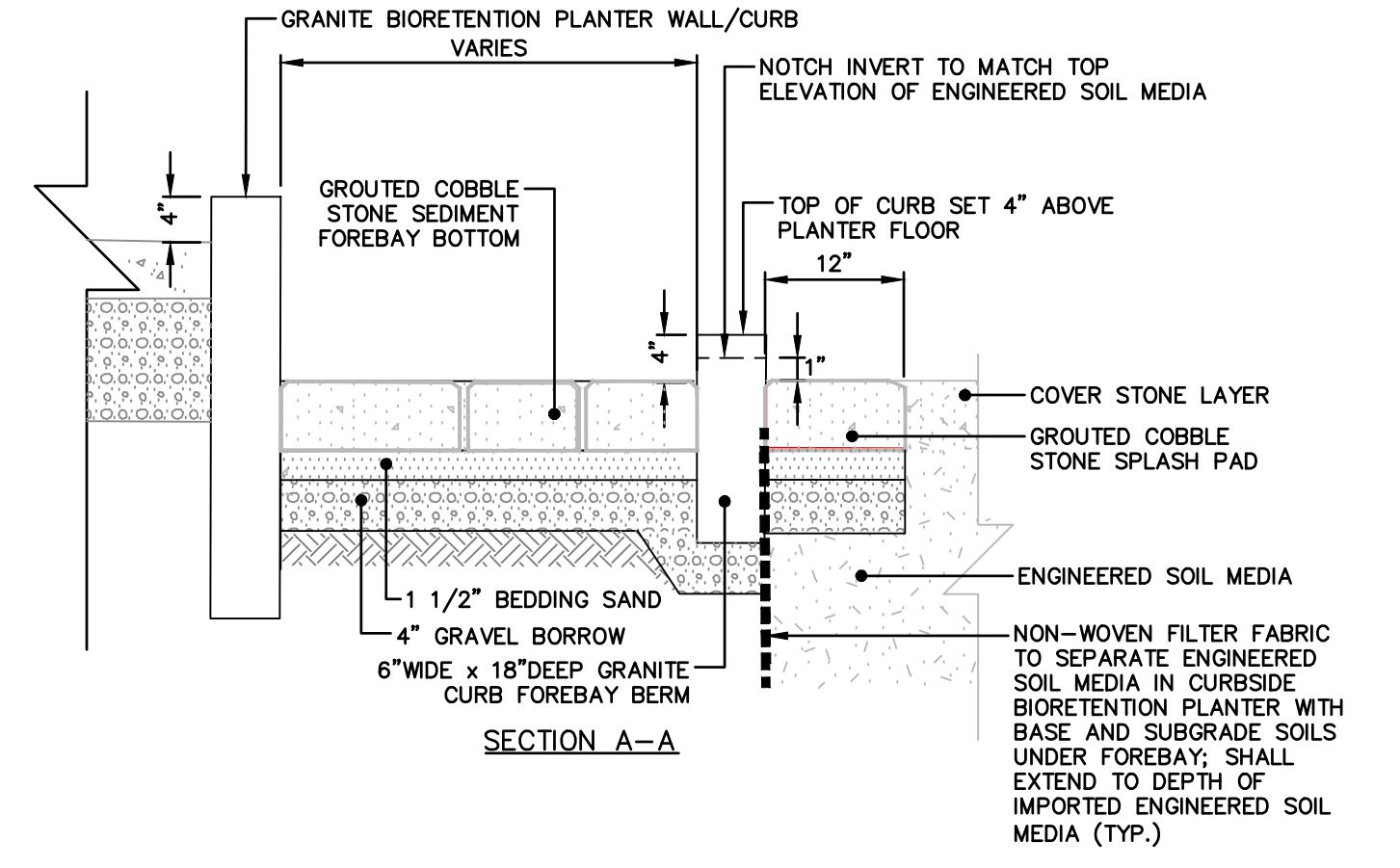


- NOTES:**
1. WHEEL GUARDS SHALL BE A STEEL PLATE RATED FOR H-20 LOADING. BOLTS AND ATTACHMENTS SHALL BE STAINLESS STEEL (GRADE 304 OR 316).
  2. INTERNAL CURB INLET DEBRIS SCREEN SHALL BE ATTACHED TO INSIDE OF GRANITE CURB INLET OPENING SUCH THAT IT DOES NOT PROTRUDE INTO ROADWAY. SCREEN SHALL BE A MANUAL RETRACTABLE CURB INLET SCREEN COVER AS MANUFACTURED BY UNITED STORM WATER, INC. OR APPROVED EQUAL.

**SECTION A-A**  
**CURBSIDE BIORETENTION PLANTER INLET CURB OPENING**  
NOT TO SCALE

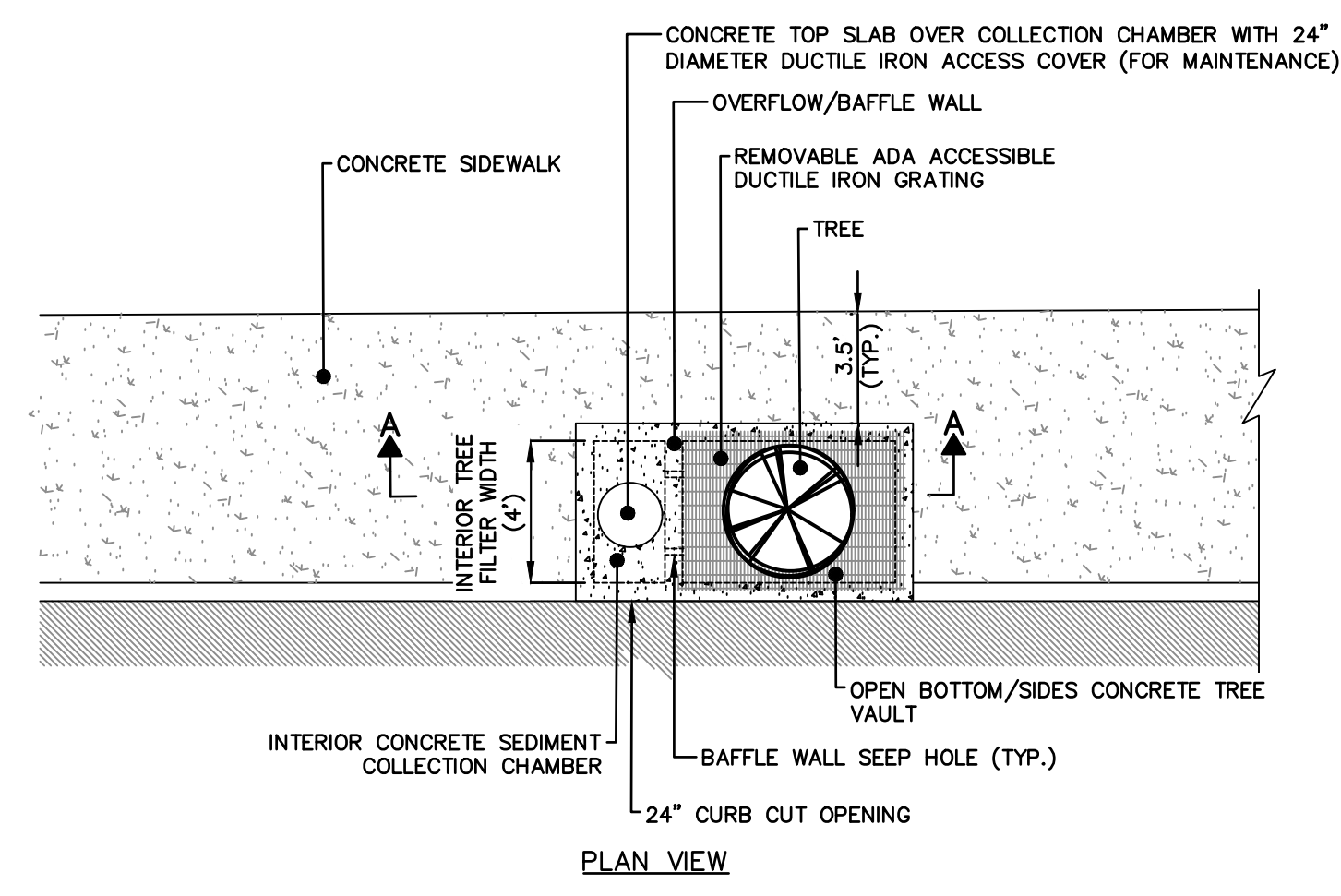


**PLAN VIEW**



**SECTION A-A**

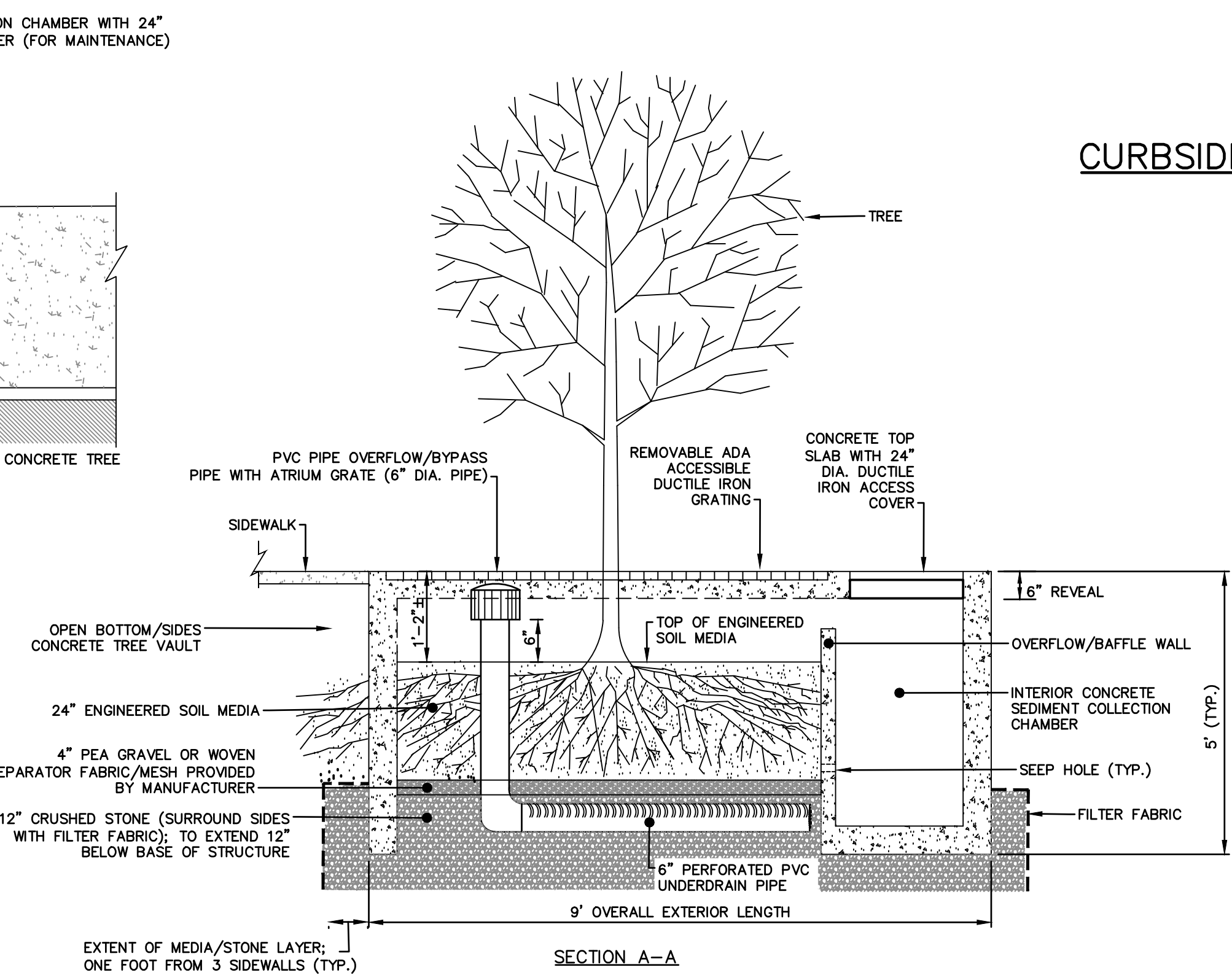
**PRETREATMENT SEDIMENT FOREBAY**  
NOT TO SCALE



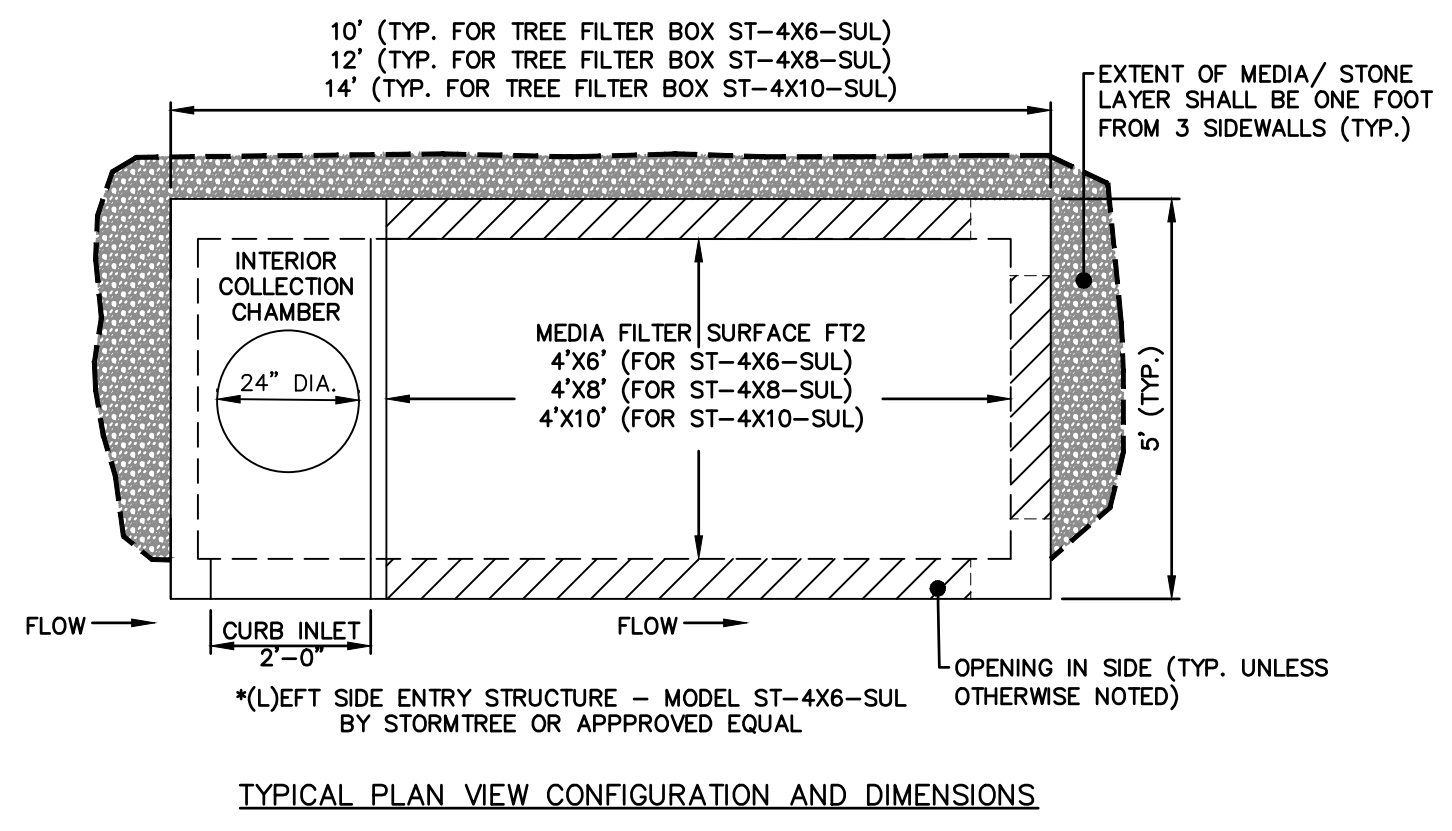
**PLAN VIEW**

1. TREE FILTER BOX STRUCTURES SHALL BE MODEL Nos. ST-4X6-SUL, ST-4X8-SUL, OR ST-4X10-SUL BY STORMTREE OR APPROVED EQUAL AS INDICATED ON THE SITE LAYOUT PLANS.
2. TREE PLANTER STRUCTURE SHALL CONSIST OF PRECAST CONCRETE FRAME WITH MINIMUM H-20 CURB LOADING CAPACITY; ENGINEERED MEDIA; ADA COMPLIANT DUCTILE IRON SUPPORT/TREE GRATE WITH MINIMUM 500 LBS/FT<sup>2</sup> LOADING CAPACITY; MEDIA SEPARATOR SCREEN. MANUFACTURER SHALL PROVIDE A CONSTRUCTION PLAN TO THE INSTALLATION CONTRACTOR PRIOR TO PROJECT INITIATION.
3. THE CURB CUT OPENING WILL FUNCTION AS A COMBINED INFLOW/OUTFLOW CURB.
4. SEEP HOLES SHALL BE PROVIDED ALONG COLLECTION CHAMBER OVERFLOW WALL TO FACILITATE DRAINAGE OF PRETREATMENT CHAMBER.
5. THE MAXIMUM DEPTH OF PONDING FOR THE WATER QUALITY VOLUME SHALL BE 6 INCHES.
6. PONDING WATER SHALL DRAIN FROM THE TREE FILTER WITHIN 48 HOURS OR LESS.
7. ACCESS AROUND THE TREE FILTER SHALL MEET ADA REQUIREMENTS AND ADA COMPLIANT GRATING MUST BE INSTALLED ATOP THE FILTERS TO FACILITATE ACCESS.

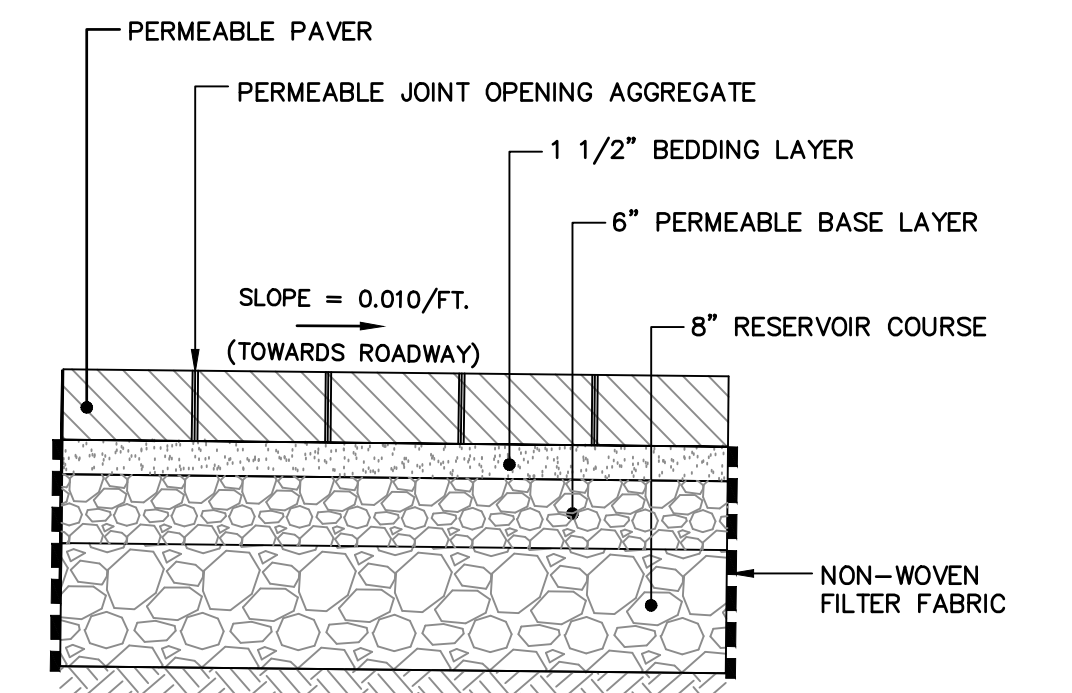
**TREE FILTER BOX (WITH INTERIOR SUMP)**  
NOT TO SCALE



**SECTION A-A**



**TYPICAL PLAN VIEW CONFIGURATION AND DIMENSIONS**



- NOTES:**
1. THICKNESS OF PERMEABLE CONCRETE PAVERS SHALL VARY BASED ON PRODUCT AND MANUFACTURER SELECTED.
  2. THE MINIMUM THICKNESSES OF THE BEDDING LAYER, PERMEABLE BASE LAYER, AND RESERVOIR COURSE LAYER AS SPECIFIED ABOVE REPRESENT MINIMUM THICKNESSES AFTER COMPACTION.
  3. PROTECT PERMEABLE PAVERS AND AGGREGATES FROM CONSTRUCTION VEHICLE TRAFFIC, RUNOFF FROM ADJACENT AREAS, AND SEDIMENTATION.

**PERMEABLE PAVER SYSTEM**  
**TYPICAL DETAIL**  
NOT TO SCALE

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No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL



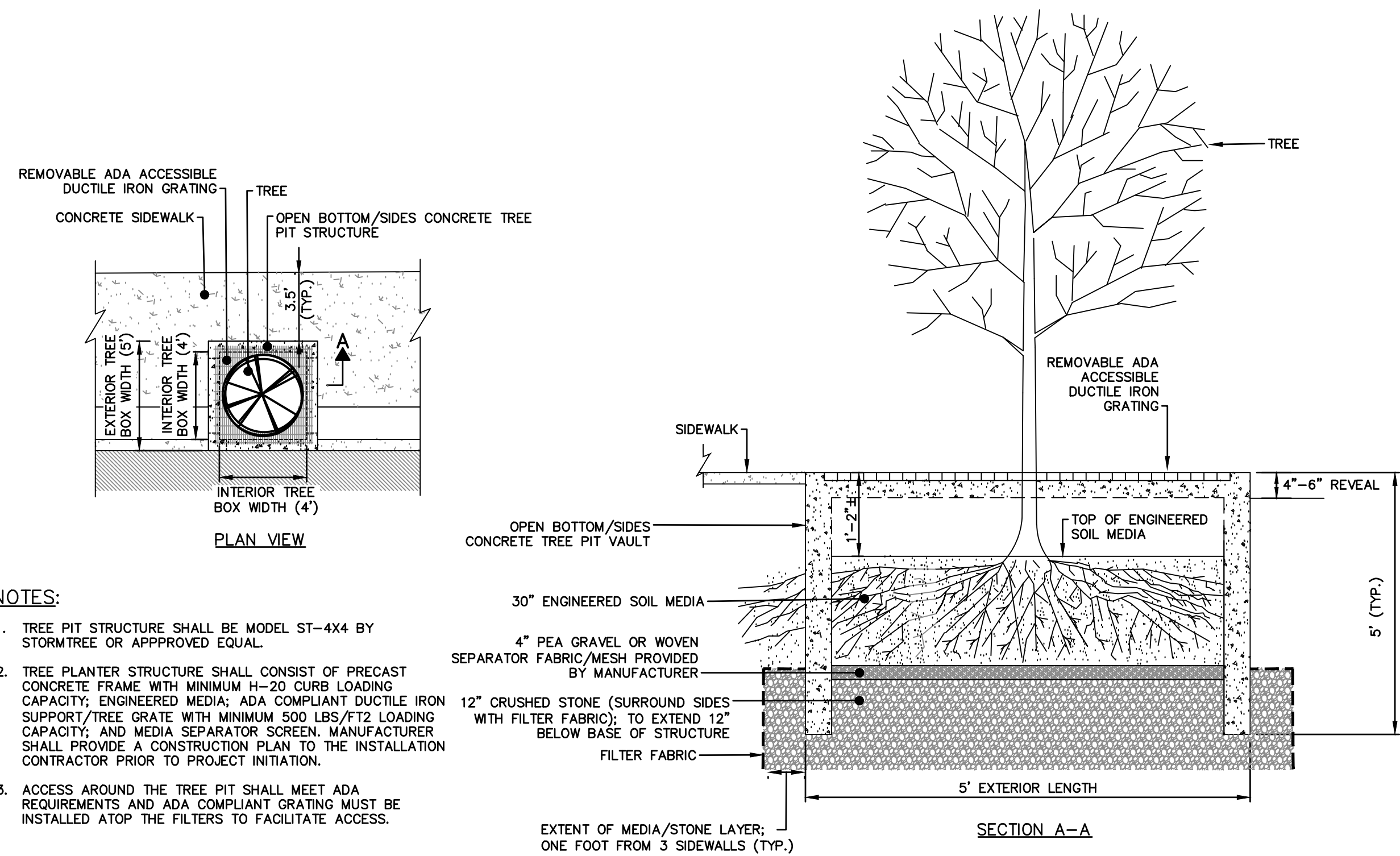
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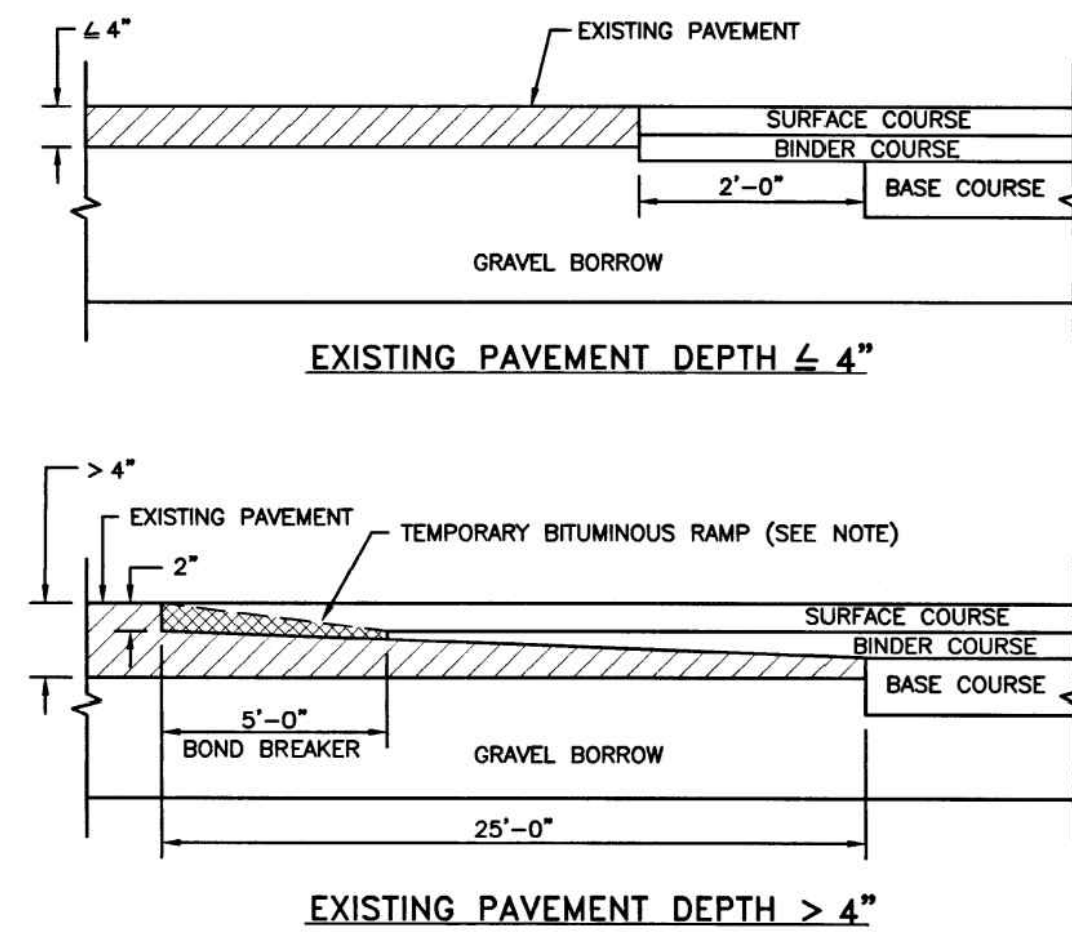
PROJ. No.: 200150951.C30  
DATE: FEBRUARY 2025  
**CD-503**





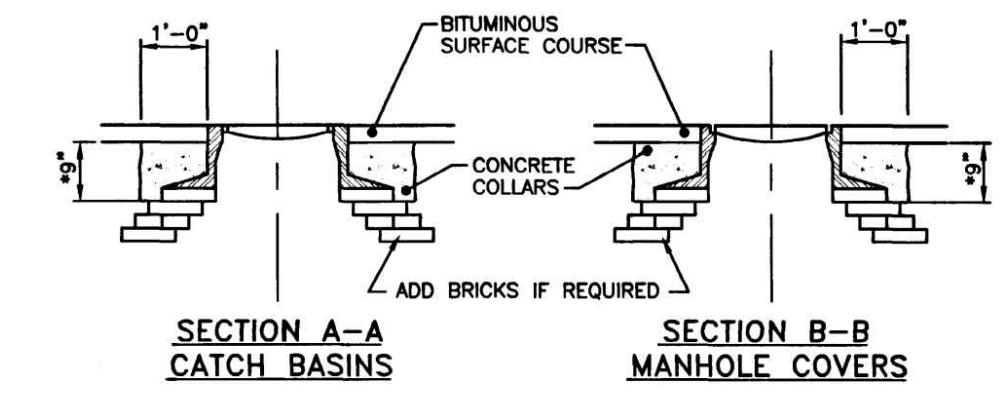
- NOTES:**
- TREE PIT STRUCTURE SHALL BE MODEL ST-4X4 BY STORMTREE OR APPROVED EQUAL.
  - TREE PLANTER STRUCTURE SHALL CONSIST OF PRECAST CONCRETE FRAME WITH MINIMUM H=20 CURB LOADING CAPACITY; ENGINEERED MEDIA; ADA COMPLIANT DUCTILE IRON SUPPORT/TREE GRATE WITH MINIMUM 500 LBS/FT<sup>2</sup> LOADING CAPACITY; AND MEDIA SEPARATOR SCREEN. MANUFACTURER SHALL PROVIDE A CONSTRUCTION PLAN TO THE INSTALLATION CONTRACTOR PRIOR TO PROJECT INITIATION.
  - ACCESS AROUND THE TREE PIT SHALL MEET ADA REQUIREMENTS AND ADA COMPLIANT GRATING MUST BE INSTALLED ATOP THE FILTERS TO FACILITATE ACCESS.

**TREE PIT**  
NOT TO SCALE



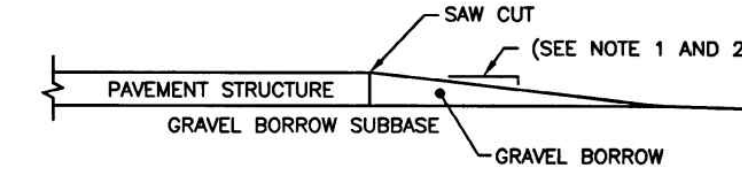
- NOTE:**  
A BOND BREAKER (TAPERED OR EQUIVALENT) WILL BE PLACED 5'-0" FROM THE JOINT AND COVERED WITH THE BINDER COURSE AS THE TEMPORARY RAMP. PRIOR TO PLACING THE SURFACE COURSE, THE BINDER COURSE AND BOND BREAKER WILL BE REMOVED.

**TRANSVERSE PAVEMENT CUT AND MATCH**  
(R.I. STD. 47.1.1)  
NOT TO SCALE



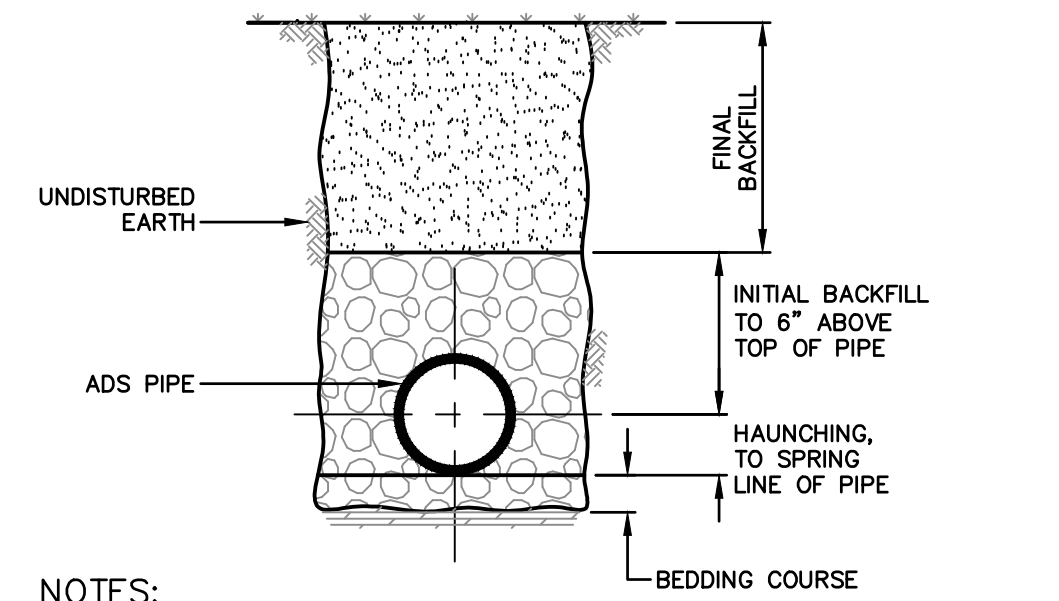
- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
  - COLLARS TO BE CONCRETE MASONRY AS DIRECTED.
  - 5" OF CONCRETE IN BITUMINOUS PAVED AREAS. MEET EXISTING CONCRETE IN PORTLAND CEMENT CONCRETE AREAS.

**CONCRETE COLLARS FOR STRUCTURE FRAMES**  
(R.I. STD. 5.4.0)  
NOT TO SCALE



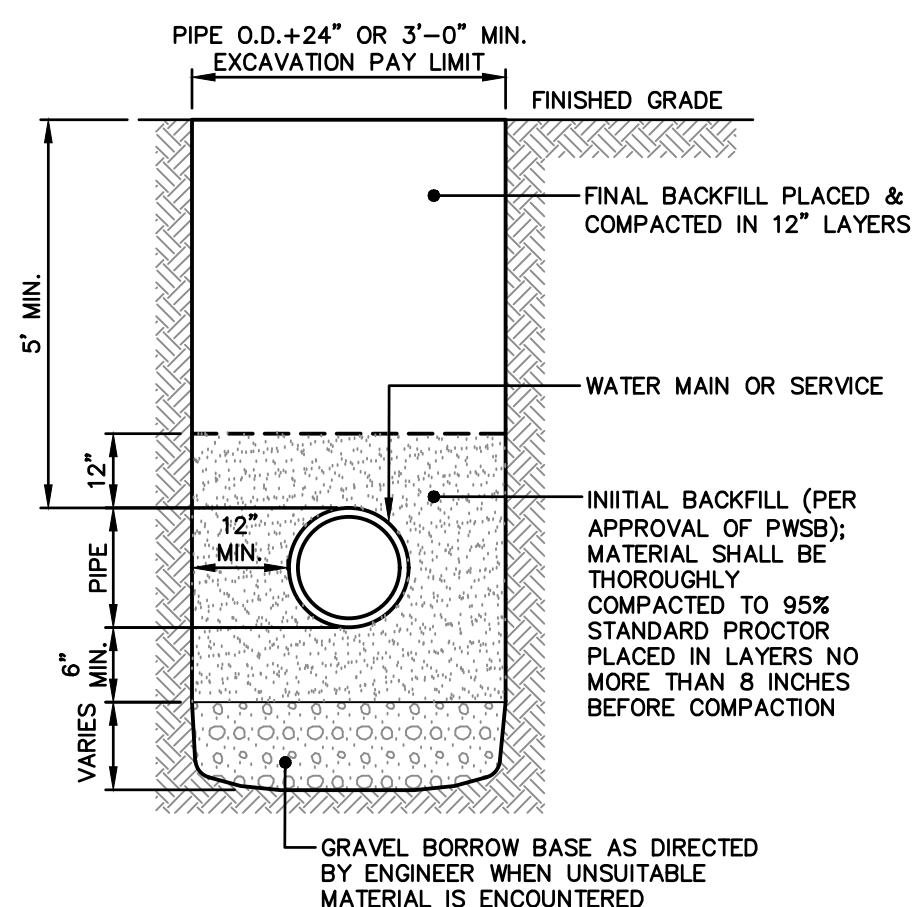
- NOTES:**
- TRANSVERSE DROP-OFF: POSTED SPEED < 35 M.P.H.: 5 FEET HORIZONTALLY TO 1 INCH VERTICALLY. POSTED SPEED > 35 M.P.H.: 10 FEET HORIZONTALLY TO 1 INCH VERTICALLY.
  - LONGITUDINAL DROP-OFF (OUTSIDE EDGES OF PAVEMENT): POSTED SPEED < 35 M.P.H.: DROP-OFFS > 3" BUT < 5" SHALL BE TAPERED TO A 1:1 OR FLATTER SLOPE TO EXISTING GROUND. ALL DROP-OFFS > 5" SHALL BE TAPERED TO A 4:1 OR FLATTER SLOPE TO EXISTING GROUND.
  - LONGITUDINAL DROP-OFFS WILL NOT BE PERMITTED WITHIN 2'-0" OF A TRAVEL LANE. THIS AREA MUST BE AT GRADE WITH THE TRAVEL LANE. HOWEVER, SHOULD THE CONTRACTOR'S APPROVED SEQUENCE OF OPERATIONS RESULT IN OVERNIGHT DROP-OFFS GREATER THAN THREE INCHES OCCURRING BETWEEN 2'-0" TO 6'-0" FROM A TRAVEL LANE, THEN THE DROP-OFFS SHALL BE TAPERED TO A 4:1 OR FLATTER SLOPE TO EXISTING GROUND.

**PAVEMENT REMOVAL DROP-OFF DETAIL**  
(R.I. STD. 47.1.0)  
NOT TO SCALE

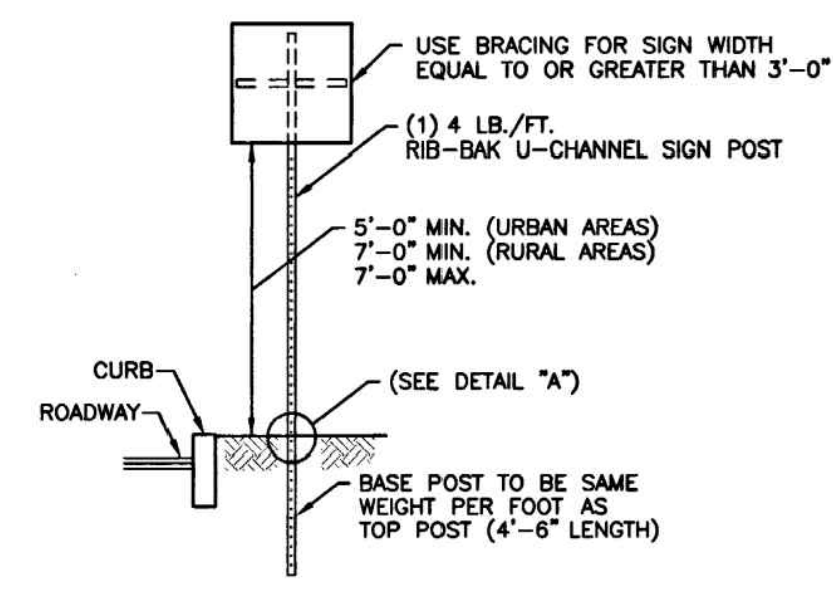


- NOTES:**
- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIAL AS DEFINED IN ASTM D2321.
  - MINIMUM TRENCH WIDTH SHALL BE 36".

**TYPICAL STORM DRAIN TRENCH (FOR HDPE PIPE)**  
NOT TO SCALE

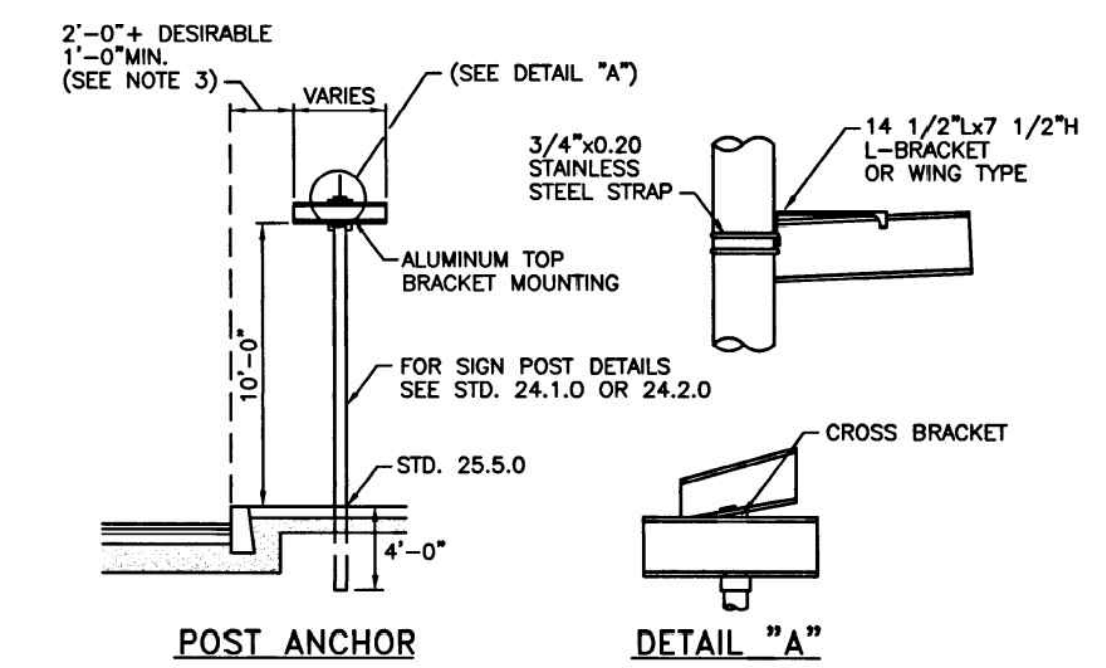


**TYPICAL WATER TRENCH (FOR HYDRANT RELOCATIONS)**  
NOT TO SCALE



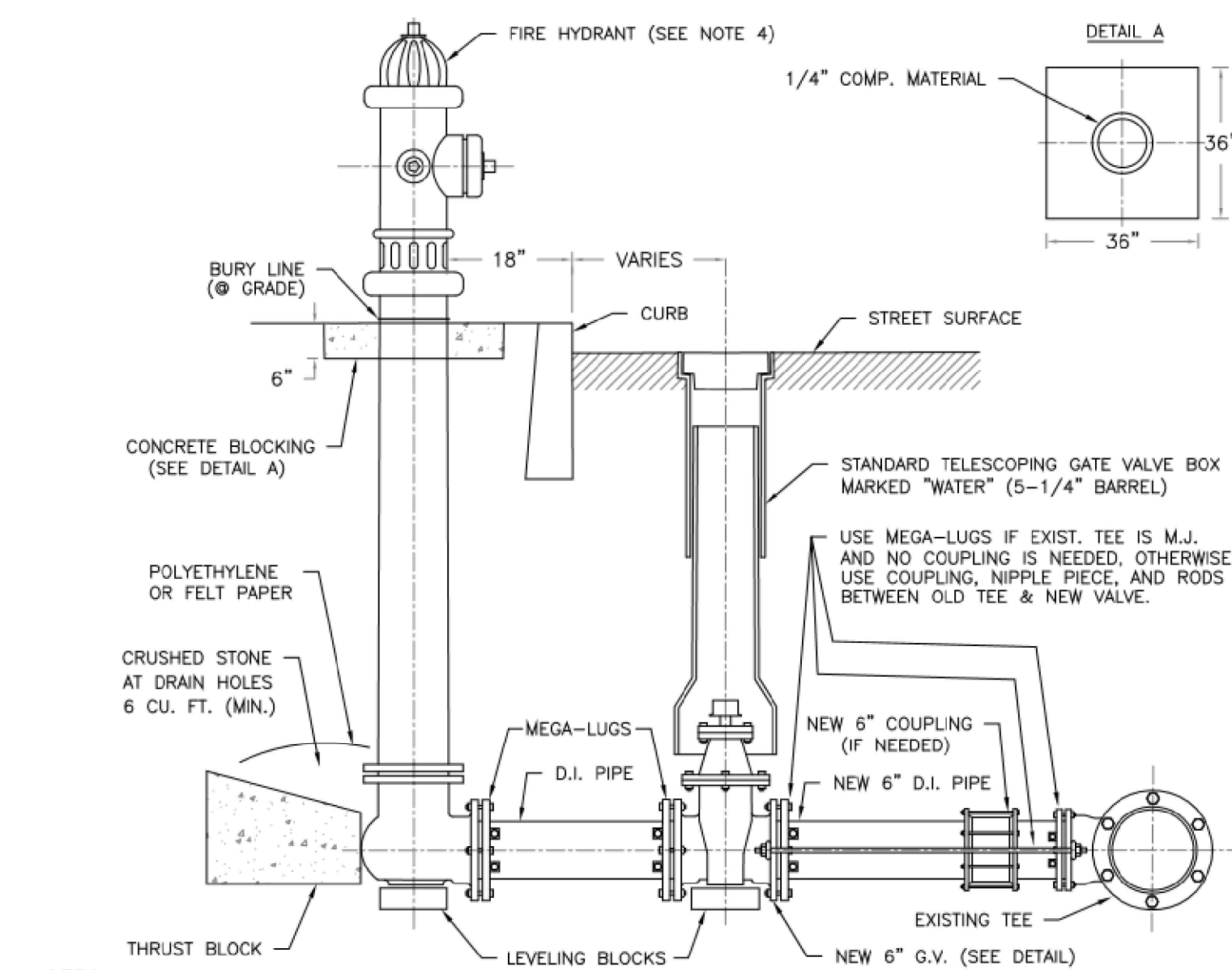
- INSTALLATION PROCEDURE:**
- REMOVE A SPADE FULL OF SOIL (APPROXIMATELY 2" DEEP) FROM WHERE THE BASE POST WILL BE LOCATED.
  - DRIVE THE BASE POST IN THE CENTER OF THE HOLE JUST CREATED, TO WITHIN 4" OF GRADE LEVEL.
  - PLACE ONE BOLT AND FLAT WASHER IN THE TOP HOLE OF THE BASE POST. (IF THE TOP HOLE ON THE BASE POST, OR THE BOTTOM HOLE ON THE TOP POST IS LESS THAN 3/4" FROM END OF THE POST USE THE SECOND AND SIXTH HOLES.) WITH THE THREADED BAR SPACER ALIGNED WITH TOP HOLE ON THE BACK SIDE OF THE BASE POST, SECURELY TIGHTEN THE BOLT TO 20 FT. LBS. OF TORQUE. REPEAT THIS PROCESS FOR THE LOWER BOLT.
  - NEST THE TOP POST OVER THE PROTRUDING BOLTS ON THE BASE POST. PLACE A SELF-LOCKING FLANGE NUT ON EACH BOLT AND TIGHTEN SECURELY TO 20 FT. LBS. OF TORQUE.
  - REPLACE SOIL REMOVED IN STEP 1.
  - IN TRIPLE POST INSTALLATIONS USING 4 LB./FT. POSTS IN WEAK SOIL, A 1'-0" W x 6" H SOIL PLATE IS REQUIRED.

**RELOCATED STREET/STOP SIGN POST INSTALLATION**  
(R.I. STD. 24.2.0)  
NOT TO SCALE



- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION T.15 OF THE R.I. STANDARD SPECIFICATIONS.
  - EACH SIGN SHALL HAVE LEGEND ON BOTH SIDES.
  - POSTS SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE BACK OF SIDEWALK, UNLESS SPACE DOES NOT PERMIT.

**RELOCATED STREET SIGN MOUNTING**  
(R.I. STD. 24.6.1)  
NOT TO SCALE



- NOTES:**
- HYDRANT SHALL BE INSTALLED IN ACCORDANCE WITH THE PAWTUCKET WATER SUPPLY BOARD (PWSB) RULES AND REGULATIONS.
  - THE FIRE HYDRANT SHALL BE A MUELLER SUPER CENTURION A-423, MJ SHOE, 5 1/4" MAIN VALVE, 4-1/2" PUMPER & (2) 2-1/2" HOSE NOZZLES, OPEN LEFT, COLOR TO BE CHROME YELLOW, BURY TO BE MEASURED IN FIELD.
  - INSTALL 36"x36"x6" CONCRETE BLOCKING ON HYDRANT BARREL AS SHOWN IN DETAIL A.
  - USE BOTH MEGA-LUG RESTRAINT GLANDS AND THRUST BLOCKS. THRUST BLOCKS SHALL HAVE A MINIMUM OF 3 SQUARE FEET AGAINST UNDISTURBED EARTH.
  - VALVE BOX SHALL BE 9-1/4" TELESCOPE TYPE, WITH COVER MARKED "WATER" IN ACCORDANCE WITH PWSB SPECIFICATIONS AND SHALL BE INSTALLED IN ACCORDANCE WITH PWSB RULES AND REGULATIONS.
  - ALL PIPE SHALL BE DUCTILE IRON IN ACCORDANCE WITH PWSB RULES AND REGULATIONS.

**HYDRANT RELOCATION AND CONNECTION**  
NOT TO SCALE

File: J:\DWG\PI\P15\095110\Civil\Plan\2015095110\_DET01.dwg Layout: CD-504 Saved: 2025-02-14 7:16 AM User: Sean.Arnuda  
PC3: NONE STB/CTB: FO.STB  
LAYER STATE:

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER

SEAL



SCALE:	HORIZ.: AS NOTED
	VERT.:
DATUM:	HORIZ.:
	VERT.:
	GRAPHIC SCALE

**FUSS & O'NEIL**  
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CITIES OF PAWTUCKET & CENTRAL FALLS  
CONSTRUCTION DETAILS  
PINE STREET NORTH GREEN INFRASTRUCTURE & PEDESTRIAN IMPROVEMENTS  
PAWTUCKET & CENTRAL FALLS RHODE ISLAND

PROJ. No.: 200150951.C30  
DATE: FEBRUARY 2025  
**CD-504**





**Attachment E: As-Built Information from RI Energy for Latest Gas Main/Service Installation on Pine Street**





### Landbase Drawing - WO#90000227715 - Pine St, Pawtucket, RI

Part of the PWNORISEM program. Public Works Engineering recommends:  
 all approx. 874 ft of 8-in 60# PE main in Pine St from the Central Falls/Pawtucket City Line to Lilypond St in Pawtucket.  
 all approx. 60 ft of 8-in 60# PE main at into Congress St out of the paving bounds for tie-over.  
 all approx. 25 ft of 6-in 60# PE main at into Congress St out of the paving bounds for tie-over.  
 abandon approx. 602 ft of 4-in LP CI (1753) main and 35 ft of 6-in 60# PE (2015) main in Pine St from the Central Falls/Pawtucket City Line to Barton St.  
 abandon approx. 616 ft of 10-in LP CI (1753) main, 502 ft of 10-in LP BS (1753) main, and 505 ft of 4-in LP CI (1753) main in Pine St from the Central Falls/Pawtucket City Line to Barton St.  
 abandon approx. 343 ft of 4-in LP CI (1753) main, 163 ft of 3-in LP BS (1753) main, and 132 ft of 4-in LP BS (1753) main in Congress St from Pine St to Dexter St.

Total main installation: 969 ft  
 Total main abandonment: 2,790 ft  
 Materials: 15  
 Main construction cost: \$

In accordance of 2024 Pawtucket Parking in Pine St by redesign from the CF line to Barton St.

NOTE: The location of surface and underground subjects shown are not warranted to be correct.



ENGINEER	Brandyn Botelho/ John Amorim	WORK ORDER #	90000227715
DATE	5/6/2024	MATERIAL	PE
LENGTH	Install: 969ft	PRESSURE	LP to 60#
	Abandon: 2,790ft		8-in: 934ft
SHEET	Landbase	SIZE	6-in: 35ft
	Sheet 1 of 5		

MassGIS, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA



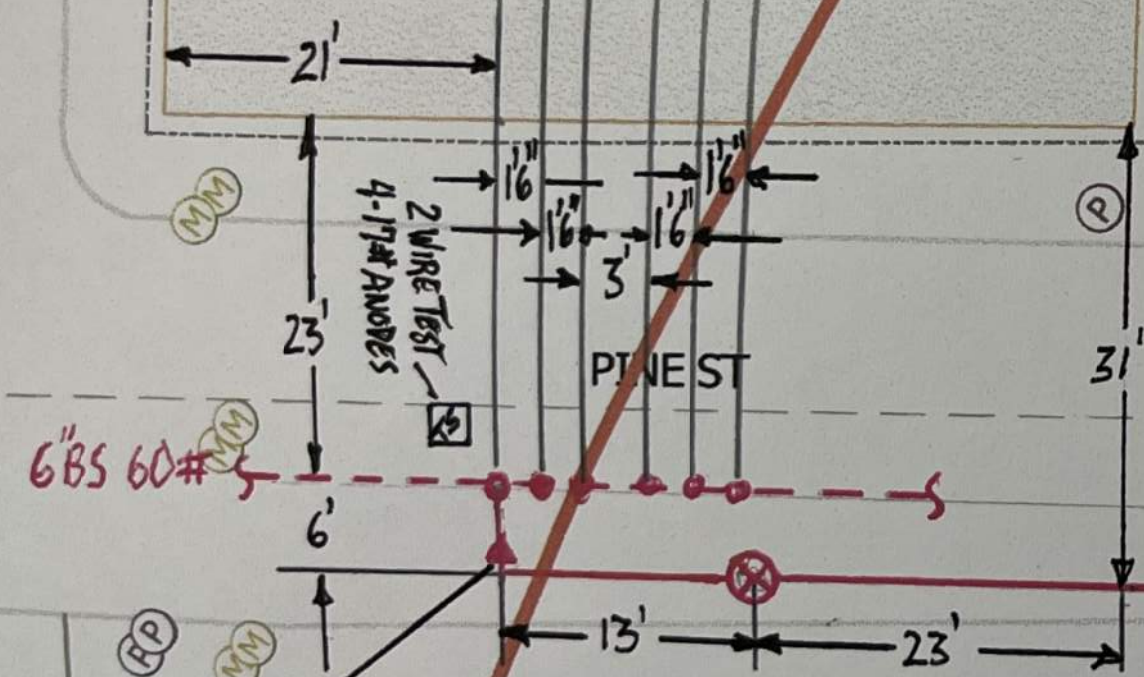
FOR REFERENCE ONLY



CROSS ST

403

6" x 6" TDW / SHORT STOP  
 2" TDW  
 2" TDW  
 2" TDW  
 2" TDW  
 2" TDW  
 6" x 6" TDW



6" BS 60#

8" PE 60#

8" x 6" REDUCER RIGHT OFF 90° ELBOW

PINE ST

44'6"

P

P

P

RP

MM

M



To Drawing - 4

Q

Q

Q

Q

PINE ST

PINE ST

PINE ST

PINE ST

58' PE 60#

56'

55'

13'0"

27'4"

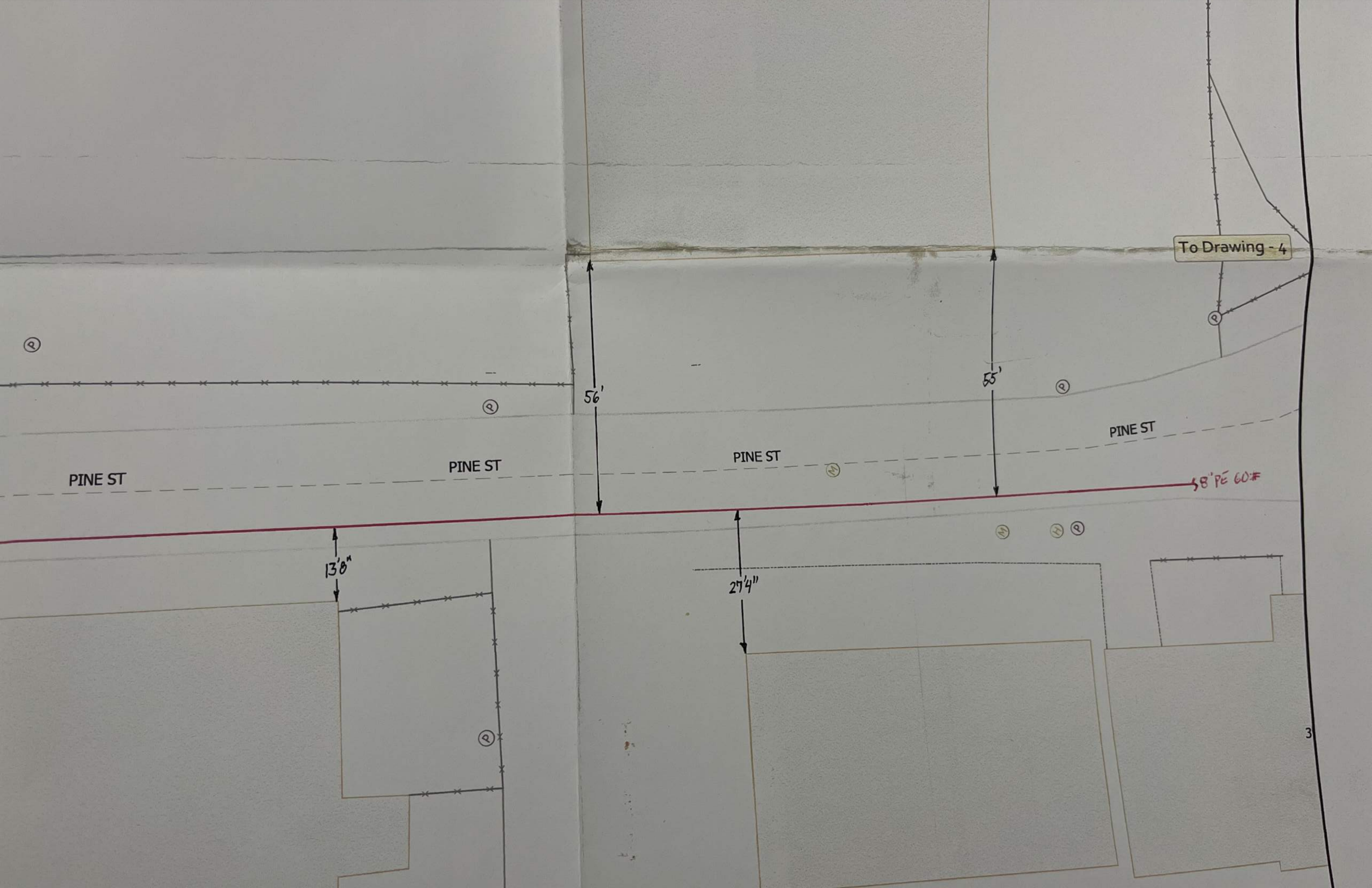
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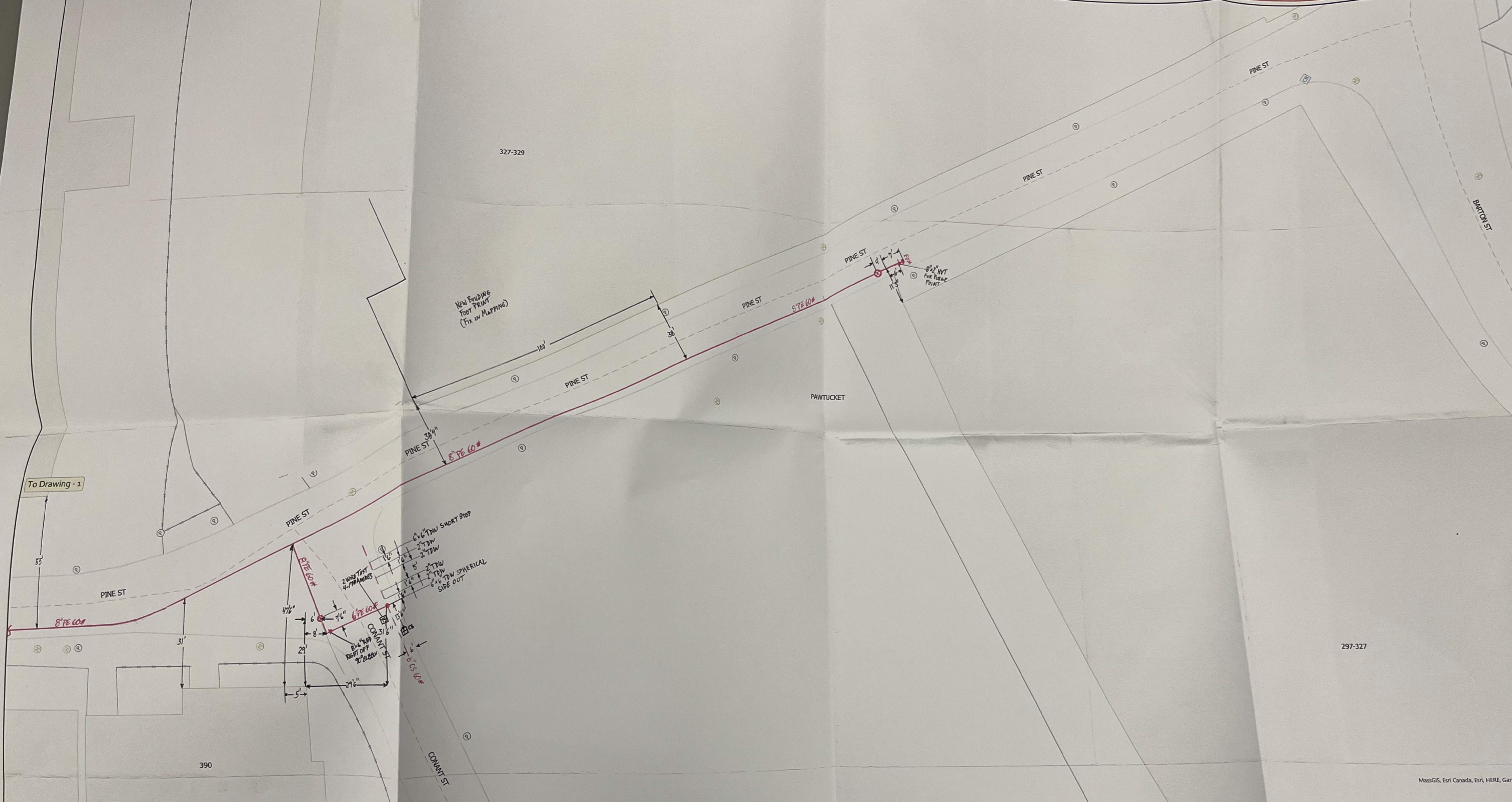
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Q

3







To Drawing - 1

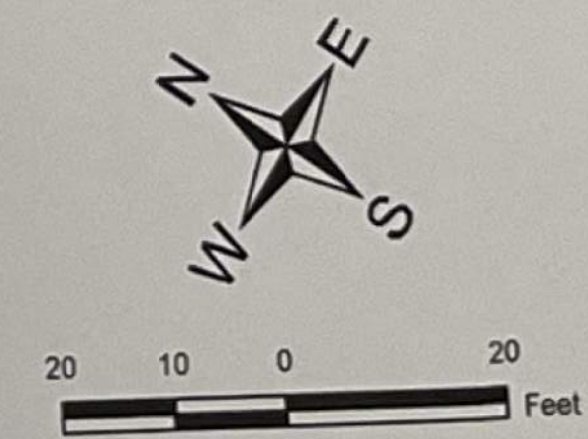
NEW BUILDING FOOT PRINT (Fix in Mapping)

As part of the PWNONREIM program, Public Works Engineering recommends:  
 -Install approx. 874 ft of 8-in 60# PE main in Pine St from the Central Falls/Pawtucket City Line to Lillypond St in Pawtucket.  
 -Install approx. 60 ft of 8-in 60# PE main at into Conant St out of the paving bounds for tie-over.  
 -Install approx. 35 ft of 6-in 60# PE main at into Congress St out of the paving bounds for tie-over.  
 -Abandon approx. 692 ft of 6-in 60# BS (1911) main and 35 ft of 6-in 60# PE (2015) main in Pine St from the Central Falls/Pawtucket City Line to Conant St in Pawtucket.  
 -Abandon approx. 518 ft of 10-in LP CI (1753) main, 502 ft of 10-in LP BS (1753) main, and 305 ft of 4-in LP CI (1753) main in Pine St from the Central Falls/Pawtucket City Line to Barton St.  
 -Abandon approx. 343 ft of 4-in LP CI (1753) main, 163 ft of 3-in LP BS (1753) main, and 132ft of 4-in LP BS (1753) main in Congress St from Pine St to Dexter St.

- Total main installation: 969 ft  
 - Total main abandonment: 2,790 ft  
 - Services: 10  
 - Main connections/cut-offs: 6

An advance of 2024 Pawtucket Paving in Pine St by reclaim from the CF line to Barton St.

# Landbase Drawing - WO#9000227715 - Pine St, Pawtucket, RI



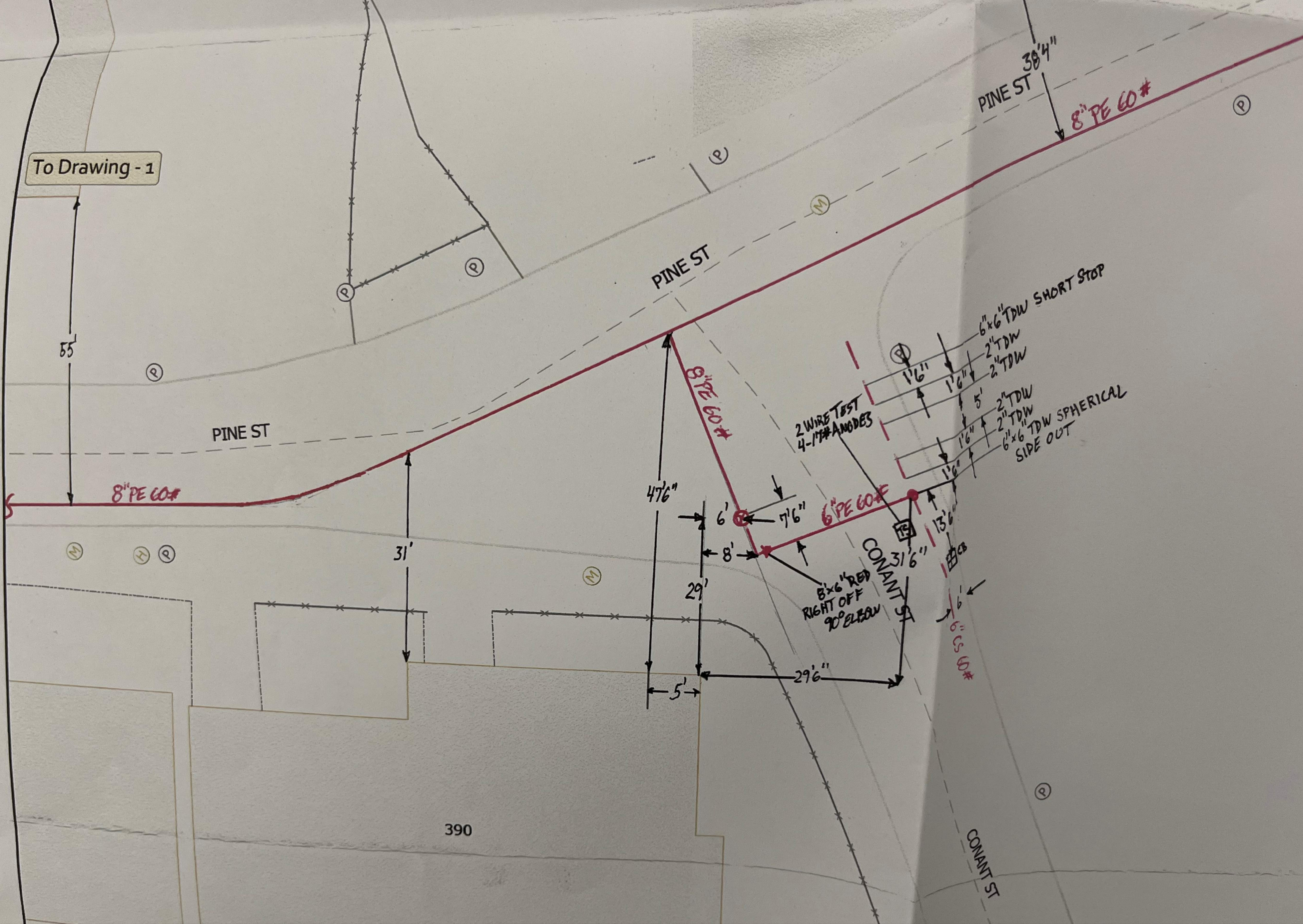
NOTE: The location of surface and underground objects shown are not warranted to be correct

ENGINEER	Brandyn Botelho/ John Amorim	WORK ORDER #	90000227715
DATE	5/6/2024	MATERIAL	PE
LENGTH	Install: 969ft	PRESSURE	LP to 60#
	Abandon: 2,790ft		8-in: 934ft
SHEET	Landbase	SIZE	6-in: 35ft
	Sheet 4 of 5		

Rhode  
FOR

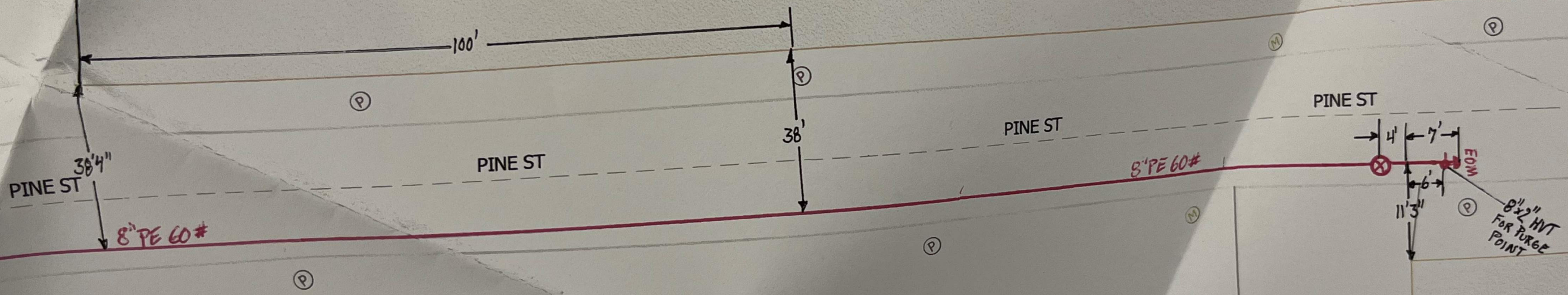


To Drawing - 1





NEW BUILDING  
FOOT PRINT  
(FIX IN MAPPING)



- 6" x 6" TDW SHORT STOP
- 2" TDW
- 2" TDW
- 2" TDW
- 2" TDW
- 2" TDW
- 6" x 6" TDW SPHERICAL SIDE OUT

PAWTUCKET

8" x 2" HVT  
FOR PORE  
POINT