



City of Warwick

Purchasing Division
(Mailing Address)
3275 Post Road
Warwick, Rhode Island 02886
Tel (401) 738-2013
Fax (401) 737-2364

The following notice is to appear on the City of Warwick's website Friday, April 26, 2024.
The website address is <http://www.warwickri.gov/bids>.

CITY OF WARWICK BIDS REQUESTED FOR

Bid2024-467 Removal and Replacement of Retaining Wall at Sand Pond

Specifications

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Friday, April 24, 2024. If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Submissions

All bids should be submitted with one (1) original and two (2) copies in a sealed envelope (total of three (3) copies), which should read: **YOUR COMPANY NAME** plainly marked on the exterior of the envelope as well as **"Bid2024-467 Removal and Replacement of Retaining Wall at Sand Pond"**. No bids will be accepted via Facsimile or email. All bids must be sealed. Sealed bids will be received by the Purchasing Division no later than **11:00 AM, Tuesday, May 14, 2024**. The bids will be opened publicly commencing at 11:00 AM on the same day at 65 Centerville Road, Meeting Room 2.

Pre-bid meeting

A *mandatory* pre-bid conference will be held on **Monday, May 6, 2024 at 10:00am** on-site at Sand Pond, Located at 191 Puritan Drive, Warwick, RI 02888 or across from 73 Sand Pond Road Warwick, RI 02888.

Delivery

If delivering in person or sent by delivery service (FedEx/UPS/DHL etc.) use physical address 65 Centerville Road, Warwick, RI 02886, Suite D. If sent via United States Postal Service use mailing address 3275 Post Road Warwick, Rhode Island 02886.

Awards

Awards will be made on the basis of the lowest evaluated or responsive bid price.

Questions

Please direct questions related to the bidding process, how to fill out forms, and how to submit a bid (Pages 1-8) to the Purchasing Division.

- Email: Bids@warwickri.gov
- Phone: 401-738-2013

Please direct all questions related to the specifications outlined (beginning on page 9) to the issuing department's subject matter expert:

- Name: Eric J. Hindinger
- Title: Engineering Program Manager
- Phone: 401-921-9608
- Email: eric.j.hindinger@warwickri.gov

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

Original Signature on File

Francis M. Gomez
Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

Acknowledgement of Addendum (if applicable)

Addendum Number	Signature of Bidder
_____	_____
_____	_____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY ADDRESS: _____

BIDDER'S SIGNATURE: _____

BIDDER'S NAME (PRINT): _____

TITLE: _____ TEL. NO.: _____

EMAIL ADDRESS: _____*

*Please include your email address. Future bids will be emailed, unless otherwise noted.

=====

II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: _____

Bid2024-467

Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CERTIFICATION & WARRANT FORM*

**This form must be completed and submitted with sealed bid.
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statutes, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

Signature

Date

Company Name

Address

Address

This form cannot be altered

**CITY OF WARWICK
NOTICE TO BIDDERS**

Bid2024-467 Removal and Replacement of Retaining Wall at Sand Pond

The IRS Form W-9 is available on www.warwickri.gov should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder should initial the change.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder should indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

Negligence on the part of the bidder in preparing the proposal confers no rights for the withdrawal of the proposal after it is open.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Bid surety in the form of a bank check, original bid bond or certified check in the amount of a hundred (100) percent of the total bid price must be submitted with each bid. If a bid bond is submitted, it must be duly executed by the bidder as principal and having as surety thereon a surety company licensed to do business in the State of Rhode Island and approved by the owner.

The successful bidder must furnish a performance and payment bond in the amount of 100 percent of the total bid price.

The contractor must carry sufficient liability insurance and agree to indemnify the City against all claims of any nature, which might arise as a result of his operations or conduct of work.

Failure to provide adequate insurance coverage within the specified duration of time as set forth is a material breach of contract and grounds for termination of the contract.

The successful bidder must provide the City of Warwick with an original **Certificate of Insurance** for General, Automotive and Professional Liability in a minimum amount of \$1 million, naming the **City of Warwick as the additional insured** and so stated on the certificate with the bid name and bid number. It is the vendor's responsibility to provide the City of Warwick with an updated Certificate of Insurance upon expiration of the original certificate.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

If required, the successful bidder will provide **Certificate of Good Standing** within ten (10) calendar days after notification or the City reserves the right to rescind said award.

This will be a one-time purchase. Term contracts may be extended for one (1) additional term upon mutual agreement unless otherwise stated.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services has been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily

incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

PLEASE COMPLETE THIS PAGE AND SUBMIT WITH YOUR BID

PRICING MAY NOT BE CONFIDENTIAL

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: Bid2024-467 Removal and Replacement of Retaining Wall at Sand Pond

I. BID:

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the bid into a contract. This bid and contract will be secured by Bonds, if required by the specifications.

CITY OF WARWICK
SPECIFICATIONS FOR BID2024-467 REMOVAL AND REPLACEMENT OF
RETAINING WALL LOCATED AT SAND POND

The City is proposing to replace a small retaining wall at a neighborhood beach for the benefit of the neighbors, visitors to the public beach, and the general public. The proposed repairs will stabilize the shoreline, and prevent further erosion and expansion of the sediment into the pond. The wall repair will be the same location, height and length of the original wall. However, most of the original wall no longer exists.

The remnants of the original wall consist of creosote laden railroad ties and telephone poles. These remnants will be removed and properly disposed of and new pressure treated timbers will be used for an in-kind replacement.

The scope-of-work for this project will consist of the following:

1. Installation of erosion control measures*
2. Removal and proper disposal of the existing wall materials
3. Installation of the new wall (see Appendix A for sketches and figures and information pertaining to the location, materials, and construction of the new wall)
4. Removal of the erosion control measures

General Specifications:

- Wall length is approximately 70' long by 2' high. There is an 8' long gradual return at the west end of the wall
- Timbers shall be six-inch by six-inch, pressure treated, without creosote.
- Perforated four-inch drainage pipe to be installed in the wall just above grade, with filter fabric and crushed stone, along the length of the wall.
- Bottom two timbers must be secured together with rebar and 10" timber screws for wall stability.
- Remaining timbers must be secured together with 10" timber screws.
- Compacted crushed stone must be the base of the wall, before first course timbers are installed.
- First course timbers will be installed under grade.
- Contractor shall not impede thru traffic on Sand Pond Road throughout the duration of the project.

- Contractor shall not be allowed to store or stage construction material near the roadway or Historic Cemetery Number 9.

*Best management practices for erosion and sediment controls must be used and maintained in effective operating condition during the activity, and all exposed soil and other fills must be permanently stabilized at the earliest possible date. (See Stormwater Management, Design and Installation Rules, § 10-8.16.)

The City has secured a Freshwater Wetlands Permit (#24-0045) which is included in this bid package. The permit indicates that this project is not exempt, but does not require a permit because it does not alter the character of the wetland.

It should be noted that access to the site is via a walking path off of Sand Pond Road. This path is approximately 500 feet long and varies in width from approximately four to eight feet wide, as such, vehicular access is limited (see figure on Page 11.)

This project requires a pre-bid mandatory meeting to view site location and scope of work.



ACCESS POINT

WORK SITE LOCATION

Phillips-Moore-Jenkins Lot

Compass Airsports
Temporarily closed

Bucklin Ave
Sand Pond Rd
Puritan Dr
Branch Rd
100.00 ft
200.00 ft
400.00 ft
491.08 ft



RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES - Groundwater and Freshwater Wetlands Protection
FRESHWATER WETLANDS PROGRAM
 235 Promenade Street, Providence, RI 02908
 Telephone: 401-222-6820; Rhode Island Relay: 711
www.dem.ri.gov/wetlands

FOR RIDEM USE ONLY	
Complete Application Received Date:	
MAR -7 2024	
OFFICE OF WATER RESOURCES	
FWW File#:	

FRESHWATER WETLANDS REQUEST FOR REGULATORY APPLICABILITY

INSTRUCTIONS: Use this form to request a determination as to whether a proposed project does or does not require a permit under the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act, [250-RICR-150-15-3 "Rules"] [Refer to §3.8 for other application types and general submission requirements.]

Submit this completed Request Form with fee and all documents required by § 3.9.4 to:
Permit Application Center (PAC), RIDEM, 235 Promenade Street, Providence, RI 02908
 (Check or money order must be made payable to the Rhode Island General Treasurer.)

Note: Many projects or activities occurring outside of wetlands may directly or indirectly alter the character of wetlands. Applicants proposing development in undisturbed areas in or near wetlands should submit an Application for Freshwater Wetlands Determination or Permit to obtain a suitable determination in cases where applicability to the Rules is likely.

PAYMENT INFORMATION	
Fee Payment Amount: \$150.	Check #: <u>358463</u> Check Issued By: <u>The City of Warwick</u>

GENERAL INFORMATION and SUBMISSION CHECKLIST	
Provide file numbers associated with this site:	
Any previous Freshwater Wetlands application for this site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If yes, provide File(s) #: _____	
<i>Note: Confirm by viewing permit information from the Wetlands Online Permit Search at: www.ri.gov/DEM/wetlands/</i>	
Any previous enforcement action for this site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If yes, provide File(s) #: _____	
RIDOT PTSID # (if applicable): _____	
Select documents enclosed with this form. [Refer to §3.9.4 for a complete list of submission requirements.]	
<input checked="" type="checkbox"/>	Three (3) copies of plan illustrating the current and proposed conditions of the property and locations of wetlands.
<input checked="" type="checkbox"/>	Two (2) copies of a written project description including purpose, size and area(s) on the property where project is proposed.
<input checked="" type="checkbox"/>	Two (2) copies of a written description of how potential freshwater wetland impacts have been avoided to maximum extent possible.
<input checked="" type="checkbox"/>	Photograph(s) of the current site conditions where work is proposed.
<input type="checkbox"/>	Verified Freshwater Wetland Edge Decision (preferred, not required.)
<input type="checkbox"/>	Supplemental Document(s) for Additional Applicant Information and Certification (required only for more than one Applicant.)

PROPERTY, SITE and PROJECT INFORMATION	
<i>Note: For sites located in more than one municipality, designate the city/town where property has an occupied building as the primary; otherwise the larger portion of land will determine the primary city/town. Include all plat(s) and lot(s) that are part of the site, regardless of ownership.</i>	
Project Name: <u>SAND POND WALL REPAIR</u>	Project Type: <u>REPAIR</u>
Primary City/Town: <u>WARWICK</u>	Street Abutting Site, with Address # (if applicable): <u>RIVINGTON DRIVE</u>
Nearest Intersecting Street: <u>PILGRIM DRIVE</u>	Distance (in feet) and Direction to Site from nearest street intersection: <u>250 FT</u>
Primary City/Town Tax Assessor's Plat(s) and Lot(s): <u>248-0291</u>	Nearest Utility Pole No.: <u>#5</u>
Secondary City/Town (if Applicable):	Secondary City/Town Tax Assessor's Plat(s) and Lot(s):

APPLICANT INFORMATION	
<i>Note: Requests for Regulatory Applicability being submitted for a project with more than one applicant may provide the Supplemental Document: Additional Applicant Information and Certification in addition to this form.</i>	
Applicant's Name (required): <u>FRANK PICCIZZI</u>	Title: <u>MAYOR - WARWICK</u>
<i>The applicant must be the owner of the property or easement which is the subject of this application or must be the government agency or entity with power of condemnation over such property or easement.</i>	
Name of Representative (if Applicant is an Agency or Entity): <u>City of Warwick - Frank J. Piccizzi</u>	
Email: <u>aom@warwickri.gov</u>	Phone: <u>401-738-2004</u>
Mailing Address: <u>3875 Post Road, Warwick, RI 02880</u>	
City/Town: <u>Warwick</u>	State: <u>RI</u> Zip Code: <u>02880</u>

APPLICANT CERTIFICATION

Select the Certification for Regulatory Applicability Determination to be issued by RIDEM (required):

- I hereby certify that I have requested and authorized the investigation, compilation, and submission of all the information, in whatever form, contained in this Application; that I have personally examined and am familiar with the information submitted herein; and that such information is true, accurate and complete to the best of my knowledge. I hereby authorize RIDEM personnel access to the property for purposes of observing conditions pertinent to this application and assessing compliance with any permit or determination resulting from this application, including any sampling, monitoring or surveying that may be deemed appropriate, consistent with RIDEM's Administrative Inspection Guidelines [250-RICR-20-00-3]

Note any special conditions for access: There is a public path to the beach starting behind 191 Park Drive.

Applicant's Signature: [Signature] Date of Signature: 2-8-24

PROFESSIONAL'S INFORMATION (if any)

Note: The prime professional (e.g. engineer, biologist, land surveyor, landscape architect, etc.) who participated in the submission and/or preparation of this Request for Regulatory Applicability must sign below.

Professional's Name: ALISA RICHARDSON, PE Title: PRESIDENT, SAVE SAND POINT
 Email: save.sand.point@gmail.com Phone: 401-230-6682
 Mailing Address: 133 Fucian Drive State: RI Zip Code: 02888
 City/Town: Interpinnac

PROFESSIONAL'S CERTIFICATION

Select the Certification for Regulatory Applicability Determination to be issued by RIDEM (required):

- I hereby certify that I have been authorized by the applicant to prepare documentation to be submitted in support of this Application; that such documentation is in accordance with the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act [250-RICR-150-15-3 "Rules"]; and that such documentation is true, accurate and complete to the best of my knowledge.

Note any special conditions for access: There is a public path to the beach starting behind 191 Park Drive.

Professional's Signature: [Signature] Date of Signature: 1/7/24

REGULATORY APPLICABILITY DETERMINATION DECISION (FOR RIDEM USE ONLY)

In accordance with the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act [250-RICR-150-15-3.14.2 or "Rules"], DEM issues the following determination concerning your proposed project based on reliance on the above information and accompanying attachments to your application. Any change in your project, or the existence of property characteristics that differ from descriptions that were provided to the DEM, may invalidate this determination.

Freshwater Wetlands Permit #: 21-0045

- Permit not required - you may proceed with your project
 - Freshwater Wetland Rules are not applicable to the project as proposed. [NOTAPPLICA]
 - Project is exempt as proposed and described. [EXEMPT]
 - Project is not exempt, but does not alter the character of wetlands.
- Further application required - you may NOT proceed with your project.
 - Alteration of freshwater wetland is proposed. [PERMITREQ]
 - Unable to make an applicability based on information provided. [INDETERM]

Staff Comments: Please Abide with Wetland Rule 3.6.1 E

For additional details, findings and instructions for further required actions, see enclosed letter dated: _____

Please contact the Freshwater Wetlands Program by email at DEM.FWW@dem.ri.gov or call (401) 222-6820, option #3, if you have questions regarding this decision.

Signature of DEM Official: [Signature] Decision Date: 03/19/2024

Project Location Description:

Sand Pond is a small urban pond located within the Pawtuxet River watershed, in the City of Warwick. The pond is bounded to the west by Post Road (Route 1), to the north and east by Massasoit Drive and to the south by Sand Pond Road and Puritan Drive. Sand Pond has a surface area of approximately 4.9 hectares (RIGIS). Sand Pond is a kettle hole pond and there are no streams discharging into or draining from the pond, nor are there any contiguous wetlands. Inflow to the pond consists primarily of groundwater, surface water runoff, stormwater runoff, and direct precipitation.

The Sand Pond watershed is highly urbanized and encompasses approximately 25 hectares. The watershed is sewered. The Sand Pond watershed consists of approximately 55% high density residential development and 28% commercial development (Fig. 2.0). The pond itself comprises approximately 18% of the watershed. There is a narrow, forested buffer around most of the pond, but several lawns extend to the water's edge. A small commercial plaza is located to the immediate north of the pond. There is a small public beach at the southeast end of the pond. Sand Pond is made up of two basins, which are separated by a low narrow earthen berm. It appears that the basins are hydrologically connected for most of the year, but not at times of low water. (Eutrophic Ponds TMDL – RIDEM).

Sand Pond and the public beach is owned by the City of Warwick and has been a community resource for many years. Sand Pond is one of the few urban ponds in the State that has not had cyanobacteria closures and remains open every summer for the public (see Photo 1). In part, this is due to the diligence of the neighbors who clean debris, educate other neighbors about leaf litter, pet waste and continue to monitor the quality of the pond. Of grave concern is the loss of soil and sediment into the pond from heavy rain events, and the impact on water quality.

Additionally, erosion on the southeast side (public beach area) is headcutting into the upland yards adding soil to the pond and creating a steeper access to the beach which will continue to degrade if left without intervention. Water runoff has created a visible gully through the public beach.

Project Description:

Prior to the 70's, there was a wall uphill of the public beach that existed to reduce erosion into the pond. Sand Pond has fairly steep side slopes adjacent to residential homes, and until recent years the wall had kept the erosion from entering the pond and from headcutting back into the adjacent yards. Increased frequent, intense rain events and gradual deterioration of the wall have resulted in visible erosion on the beach and adjacent residential properties, and a visible sediment plume in Sand Pond. The attached photos show the deteriorated existing wall.

The City is proposing to repair the wall for the benefit of the neighbors, visitors to the public beach, and the general public. The proposed repairs will stabilize the shoreline, and prevent further erosion and expansion of the sediment plume. The wall repair will be the exact same location, height and length of the original wall.

The original wall consists of creosote laden railroad ties and telephone poles. The existing contaminated materials will be removed and new pressure treated timbers will be used for an in-place replacement. The repaired wall creates a terrace system which will stop the erosion, which has caused a visible

sediment plume in Sand Pond. The materials will be primarily pressure treated timber, and will not include creosote.

APPLICABILITY TO THE FRESHWATER WETLAND EXEMPTION REGULATIONS:

This project is anticipated to be an exempt activity under a combination of the following regulations:

3.6.3 Limited Maintenance and Repair Activities

A. Limited repair and maintenance of an existing structure located in a jurisdictional area is allowed under § 3.6.1 of this Part as specifically provided below, so long as the repair or maintenance does not increase the size of the structure vertically or horizontally. Some limited structural changes also may be exempt, as specifically provided below. For purposes of § 3.6.3 of this Part, repair and maintenance is limited to routine activities necessary to ensure the upkeep of structures built in accordance with all necessary Federal, State and local permits.

In accordance with 3.6.3.A.1 The proposed activity is a repair of the existing wall that does not increase the size of the original structure vertically or horizontally.

1.c. The project or activity does not result in sediment transport to freshwater wetlands or buffers or result in any filling, draining, or impoundment of freshwater wetlands, buffers or floodplains beyond what was approved or existing;

In accordance with 3.6.3.A.1.c, the project or activity will not result in sediment transport to freshwater wetlands or buffers. In fact, the project is intentionally designed to reduce sediment transport to the freshwater wetlands.

10. Repair to or in place replacement of shoreline stabilization structures such as stone or masonry walls, provided that there is no change in the dimension or location of the structure and no material is placed in any location or in any manner that would impair surface water flow, and no material is placed in a manner such that it will be eroded by normal or expected high surface water flows;

In accordance with 3.6.3.A.10 no material will be placed in any location or manner that would impair surface water flow, and no material will be placed in a manner such that it will be eroded by normal or expected high surface water flows. This project was originally designed to reduce erosion caused by the high volume of pedestrian traffic. Without this project, the erosion continues to progress. The wall repair will be the exact same location, height and length of the original wall.

19. In kind replacement of existing or approved buildings and constructed accessory structures that were destroyed due to fire or natural causes

This project is a repair of an existing constructed structure that was destroyed over time by natural causes, primarily weather-related deterioration and termite damage. The attached photos show the significant degradation of the original creosote timber beams and telephone poles. The new wall will

not contain creosote. This limited maintenance and repair activity will both reduce sediment transport and remove a potential water contaminant, creosote, from the public beach area of Sand Pond.

Avoidance and Minimization:

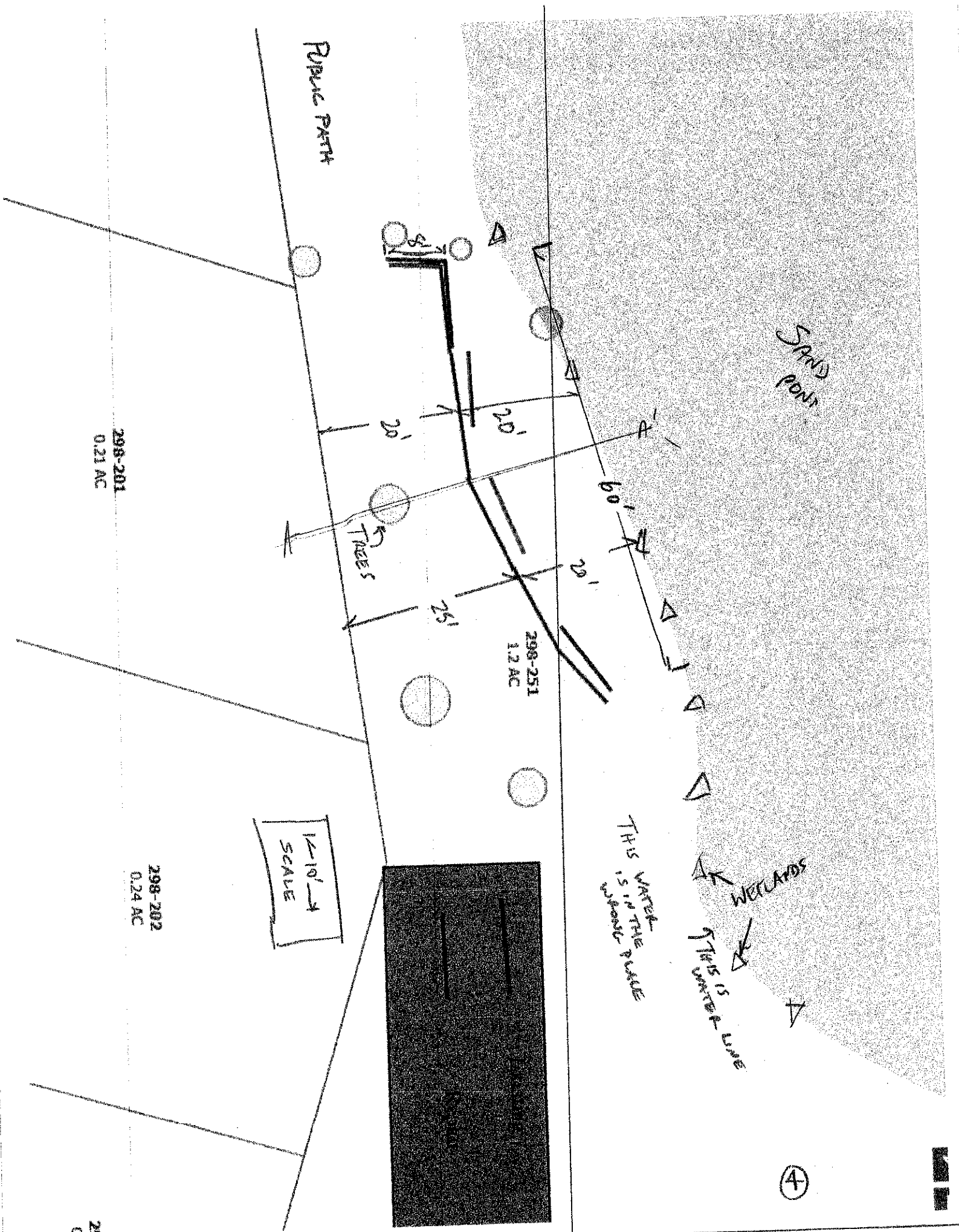
All work will be conducted above the mean high water line and no wetland vegetation will be disturbed. All work will occur in existing cleared areas. The trees are vital to erosion control and so there will be no tree cutting, and the roots will be avoided to the maximum extent practicable.

Floodplain

Even though Sand Pond is located within the Pawtuxet River watershed, due to its isolated nature, it is not part of the River's floodplain and therefore, no floodplain impacts exist with this project (see attached firmette).

3

5



PUBLIC PATH

SAND POND

298-201
0.21 AC

298-251
1.2 AC

298-202
0.24 AC

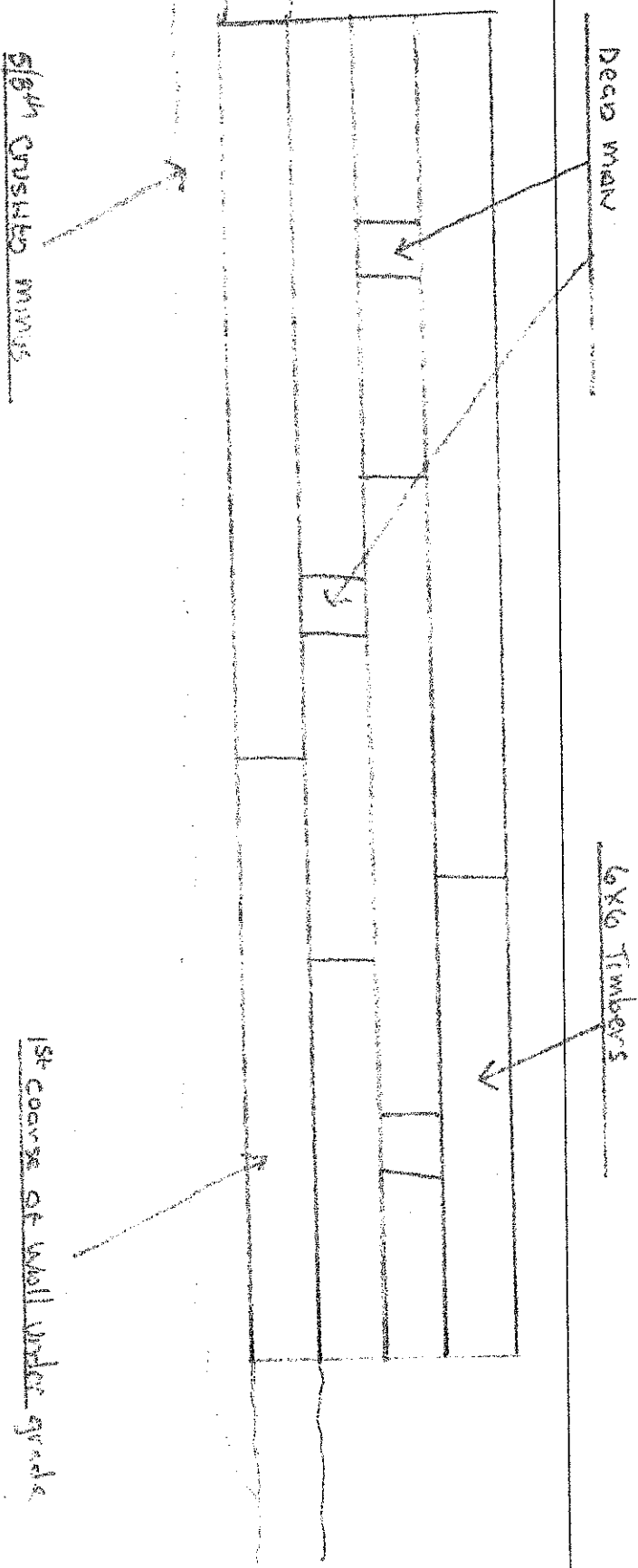
1/4" = 10'
SCALE

THIS WETLAND
IS IN THE
WATER RUNNE

WETLANDS
THIS WETLAND LINE
IS IN THE
WATER RUNNE

(4)

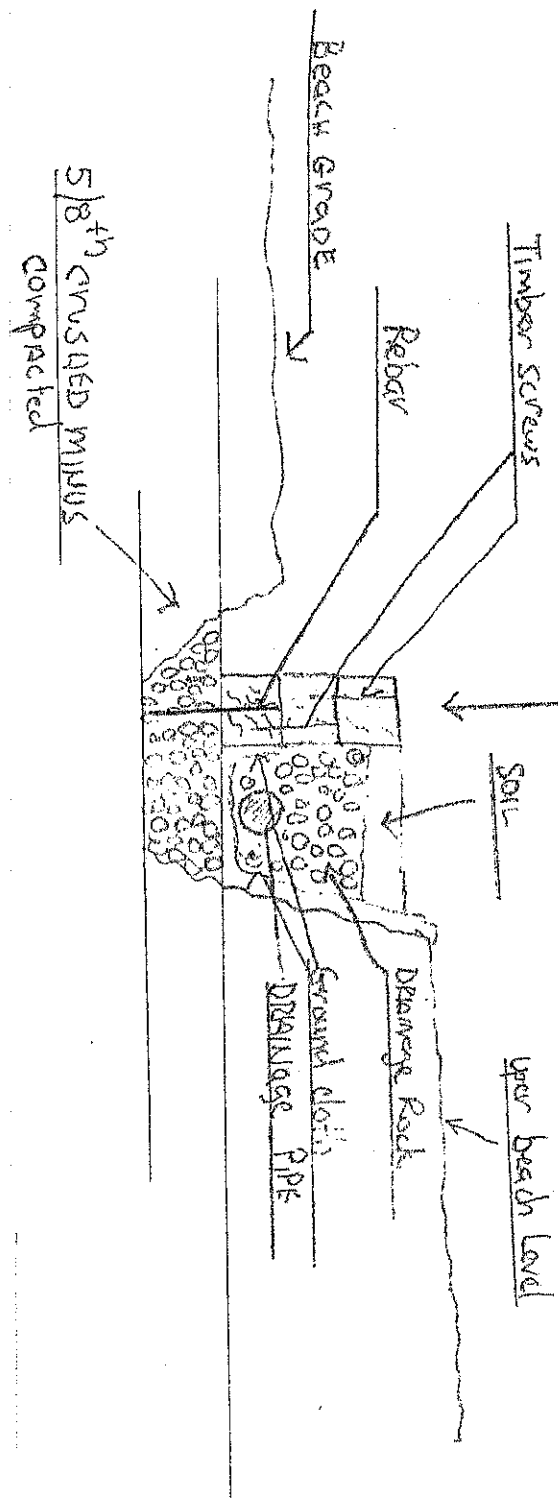
Sand Fend Beach Retaining Wall



Sand Pond Beach Retaining Wall

5

6x6 Timbers

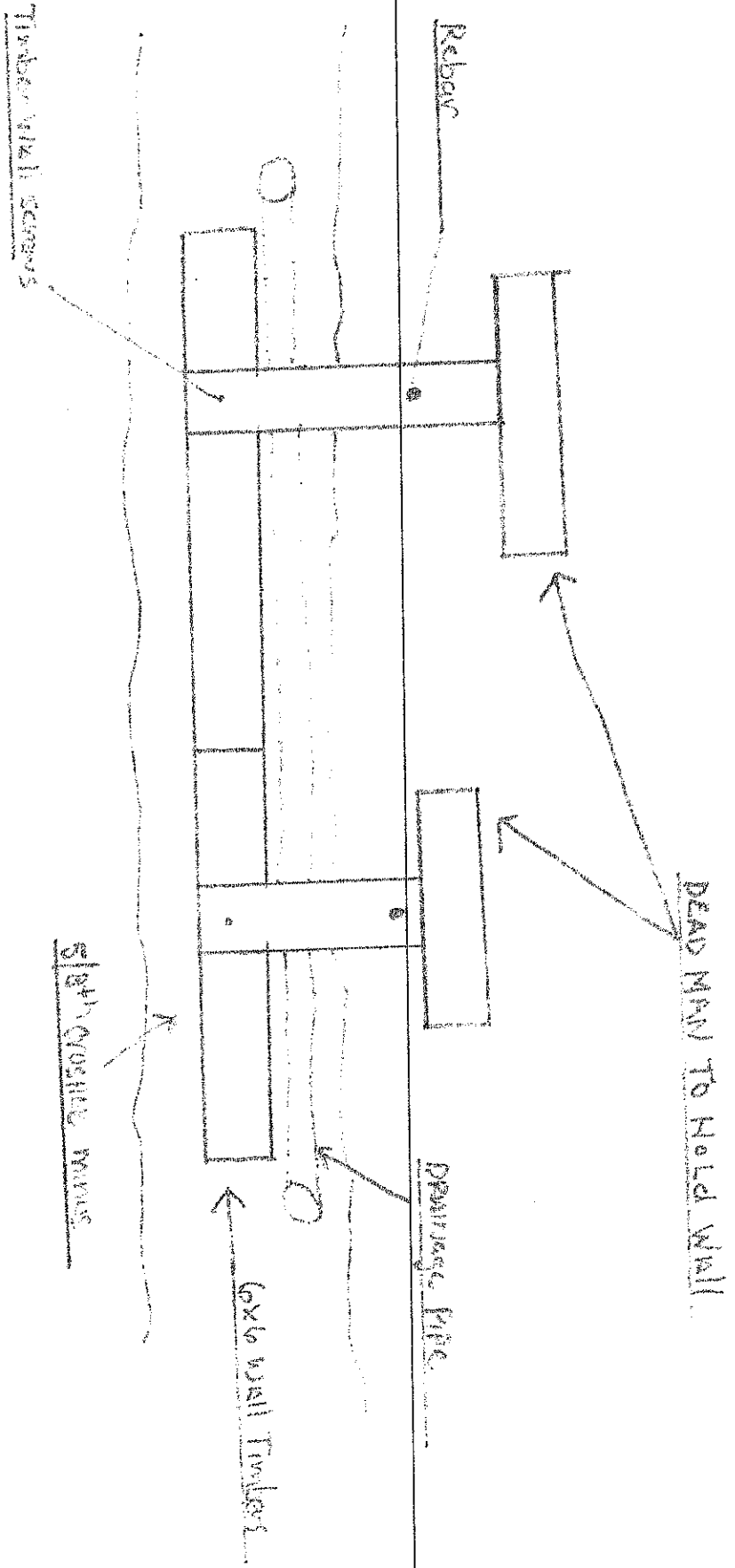


SEAN DUNN
10/28/2023

4

Sand Pond Beach Retaining Wall

Top View



PLAN VIEW

SAND POND BEACH WALL REPAIR

2024-467 Removal and Replacement of Retaining Wall at Sand Pond

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

BID ITEMS						
ITEM	DESCRIPTION	APPX QTY	UNIT	UNIT PRICE	UNIT PRICE IN WORDS	TOTAL AMOUNT
1	REMOVE REMAINS OF EXISTING WALL & INSTALL NEW WALL PER THE SCOPE OF WORK	1	LS	\$		
	TOTAL BID IN FIGURES	\$				
	TOTAL BID IN WORDS	Dollars				

Complete Company Name

Mailing Address, City, Zip Code

Telephone Number

Fax Number

E-Mail Address