

# Wetlands Board Agenda

November 20, 2023



# VIRGINIA BEACH WETLANDS BOARD

## PUBLIC HEARING PROCEDURES & AGENDA

A Public Hearing of the Virginia Beach Wetlands Board will be held on **Monday, November 20, 2023** at 10:00 a.m. in the New Council Chamber - 2401 Courthouse Drive, Building 1, Second Floor, Virginia Beach, VA.

An informal session will be held the same day at 9:00 a.m. in room 2034, City Manager's Conference Room - 2401 Courthouse Drive, Building 1, Second Floor, Virginia Beach, VA. During the informal session, Staff briefs the Board on agenda items. All interested persons are invited to attend. There is no opportunity for citizenry to speak at the briefing session; however, the public is invited to speak at the formal Wetlands Board Public Hearing that follows. For information or to examine copies of proposed plans, ordinances or amendments call (757) 385-4621 or go to [virginiabeach.gov/wetlands](http://virginiabeach.gov/wetlands) or visit the Department of Planning and Community Development, 2875 Sabre Street, Suite 500, Virginia Beach, Virginia by appointment. Citizens may also submit comments to the Wetlands Board prior to the public hearing via email to [waterfront@vb.gov](mailto:waterfront@vb.gov) or via United States Mail to Waterfront Operations, 2875 Sabre Street, Suite 500, Virginia Beach, VA 23452.

The Staff reviews some or all of the items on the agenda and suggests that certain conditions be attached for deliberation by the Wetlands Board. However, it should not be assumed that those conditions constitute all the conditions that will ultimately be attached to the project. Staff agencies may impose further conditions and requirements during administration of applicable City Ordinances. The administrative comments contained in the attached Staff reports constitutes Staff recommendations for each application and are advisory only. Final determination of the application is made by the Virginia Beach Wetlands Board at the public hearing.

### THE FOLLOWING DESCRIBES THE ORDER OF BUSINESS FOR THE PUBLIC HEARING

*(If you have any questions, please contact Staff via email at [waterfront@vb.gov](mailto:waterfront@vb.gov) or call The Department of Planning & Community Development at 757-385-4621)*

- 1. WITHDRAWALS AND DEFERRALS:** The first order of business is the consideration of withdrawals or requests to defer an item. The Board will ask those in attendance at the hearing if there are any requests to withdraw or defer an item that is on the agenda. PLEASE NOTE THE REQUESTS THAT ARE MADE, AS ONE OF THE ITEMS BEING WITHDRAWN OR DEFERRED MAY BE THE ITEM THAT YOU HAVE AN INTEREST IN.
  - a.** An applicant may WITHDRAW an application without the Boards' approval at any time prior to the commencement of the public hearing for that item. After the commencement of the hearing, however, the applicant must request that the Wetlands Board allow the item to be withdrawn.
  - b.** In the case of DEFERRALS, the Board's policy is to defer the item FOR AT LEAST 60 DAYS. Although the Board allows an item to be deferred upon request of the applicant, the Board will ask those in attendance if there are any objections to the request for deferral. If you wish to oppose a deferral request, let the Board know when they ask if there is anyone in attendance who is opposed to the deferral. PLEASE confine your remarks to the deferral request and do not address the issues of the application – in other words, please let the Board know why deferring the application is unacceptable rather than discussing what your specific issue is with the application.

- 2. REGULAR AGENDA:** The Board will then proceed with the remaining items on the agenda, according to the following process:
- a.** The applicant or applicant's representative will have 10 minutes to present the case.
  - b.** Next, those who wish to speak in support to the application will have 3 minutes to present their case.
  - c.** If there is a spokesperson for the opposition, he or she will have 10 minutes to present their case.
  - d.** All other speakers not represented by the spokesperson in opposition will have 3 minutes.
  - e.** The applicant or applicant's representative will then have 3 minutes for rebuttal of any comments from the opposition.
  - f.** There is then discussion among the Board members. No further public comment will be heard at that point. The Board may, however, allow additional comments from speakers if a member of the Board sponsors them. Normally, you will be sponsored only if it appears that new information is available, and the time will be limited to 3 minutes.
  - g.** The Board does not allow slide or computer-generated projections other than those prepared by the Planning Department Staff.

The Board asks that speakers not be repetitive or redundant in their comments. Do not repeat something that someone else has already stated. Petitions may be presented and are encouraged. If you are part of a group, the Board requests, in the interest of time, that you use a spokesperson, and the spokesperson is encouraged to have his or her supporters stand to indicate their support.

If you require reasonable accommodation for this meeting due to a disability, please call the Department of Planning and Community Development at (757) 385-4621. If hearing impaired, you may contact Virginia Relay at 711 for TDD services.



# WETLANDS BOARD AGENDA

Public Hearing Date **November 20, 2023**

**9:00 AM** INFORMAL STAFF BRIEFING OF PUBLIC HEARING AGENDA ITEMS.

**10:00 AM** FORMAL REVIEW OF PUBLIC HEARING AGENDA ITEMS.

Please be advised that copies of the proposed plans, ordinances, amendments and/or resolutions associated with this public hearing are also on file and may be examined by appointment at the Department of Planning & Community Development located at 2875 Sabre St, Suite 500, Virginia Beach, VA 23452 or online at [virginiabeach.gov/wetlands](http://virginiabeach.gov/wetlands). For information call (757) 385-4621.

## NEW BUSINESS - COASTAL PRIMARY SAND DUNE/BEACH

### 1. 2023-WTRA-00218

**Joseph & Carla Stoner** [Applicant]

**Carla R Stoner Trust** [Owner]

**500 58th Street**

GPIN 2419-60-3496

City Council District: District 6

Waterway – Crystal Lake

Subdivision – North End

**Request:** To construct a rip rap revetment involving wetlands.



## TENTATIVE 2024 WETLANDS BOARD PUBLIC HEARING DATES

Wednesday **January 17**

Thursday **February 22**

Monday **March 18**

Monday **April 15**

Monday **May 20**

Monday **June 17**

Monday **July 15**

Monday **August 19**

Monday **September 16**

Monday **October 21**

Monday **November 18**

Monday **December 16**

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# Disclosure Statement



The disclosures contained in this form are necessary to inform public officials who may vote on the application as to whether they have a conflict of interest under Virginia law. The completion and submission of this form is required for all applications that pertain to City real estate matters or to the development and/or use of property in the City of Virginia Beach requiring action by the City Council or a City board, commission or other body.

## Applicant Disclosure

Applicant Name Joseph Stoner

Does the applicant have a representative?  Yes  No

- If yes, list the name of the representative.

Calvert Marine / Richard Calvert

Is the applicant a corporation, partnership, firm, business, trust or an unincorporated business?  Yes  No

- If yes, list the names of all officers, directors, members, trustees, etc. below. (Attach a list if necessary)

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

- If yes, list the businesses that have a parent-subsiary<sup>1</sup> or affiliated business entity<sup>2</sup> relationship with the applicant. (Attach a list if necessary)

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

<sup>1</sup> "Parent-subsiary relationship" means "a relationship that exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation." See State and Local Government Conflict of Interests Act, VA. Code § 2.2-3101.

<sup>2</sup> "Affiliated business entity relationship" means "a relationship, other than parent-subsiary relationship, that exists when (i) one business entity has a controlling ownership interest in the other business entity, (ii) a controlling owner in one entity is also a controlling owner in the other entity, or (iii) there is shared management or control between the business entities. Factors that should be considered in determining the existence of an affiliated business entity relationship include that the same person or substantially the same person own or manage the two entities; there are common or commingled funds or assets; the business entities share the use of the same offices or employees or otherwise share activities, resources or personnel on a regular basis; or there is otherwise a close working relationship between the entities." See State and Local Government Conflict of Interests Act, Va. Code § 2.2-3101.

## Known Interest by Public Official or Employee

Does an **official or employee of the City of Virginia Beach** have an interest in the subject land or any proposed development contingent on the subject public action?  Yes  No

- If **yes**, what is the name of the official or employee and what is the nature of the interest?
- 

## Applicant Services Disclosure

1. Does the applicant have **any existing financing (mortgage, deeds of trust, cross-collateralization, etc)** or are they considering **any financing** in connection with the subject of the application or any business operating or to be operated on the property?

Yes  No

- If **yes**, identify the financial institutions providing the service.
- 

2. Does the applicant have a **real estate broker/agent/realtor** for current and anticipated future sales of the subject property?

Yes  No

- If **yes**, identify the company and individual providing the service.
- 

3. Does the applicant have services for **accounting and/or preparation of tax returns** provided in connection with the subject of the application or any business operating or to be operated on the property?  Yes  No

- If **yes**, identify the firm and individual providing the service.
- 

4. Does the applicant have services from an **architect/landscape architect/land planner** provided in connection with the subject of the application or any business operating or to be operated on the property?  Yes  No

- If **yes**, identify the firm and individual providing the service.
- 

5. Is there any other **pending or proposed purchaser** of the subject property?  Yes  No

- If **yes**, identify the purchaser and purchaser's service providers.
-

# Disclosure Statement



City of Virginia Beach

Planning & Community  
Development

6. Does the applicant have a **construction contractor** in connection with the subject of the application or any business operating or to be operated on the property?  Yes  No

- If **yes**, identify the company and individual providing the service.

Mc Gee Contracting / Colin Fanning

7. Does the applicant have an **engineer/surveyor/agent** in connection with the subject of the application or any business operating or to be operated on the property?  Yes  No

- If **yes**, identify the firm and individual providing the service.

Calvert Marine / Richard Calvert

8. Is the applicant receiving **legal services** in connection with the subject of the application or any business operating or to be operated on the property?  Yes  No

- If **yes**, identify the firm and individual providing the service.

## Applicant Signature

I certify that all of the information contained in this Disclosure Statement Form is complete, true, and accurate. I understand that, upon receipt of notification that the application has been scheduled for public hearing, I am responsible for updating the information provided herein two weeks prior to the meeting of Planning Commission, City Council, VBDA, CBPA, Wetlands Board or any public body or committee in connection with this application.

Joseph A. Stoner

Applicant Signature

Joseph A. Stoner

Print Name and Title

10/5/23

Date

Is the applicant also the owner of the subject property?  Yes  No

- If **yes**, you do not need to fill out the owner disclosure statement.

**FOR CITY USE ONLY/ All disclosures must be updated two (2) weeks prior to any Planning Commission and City Council meeting that pertains to the applications**

<input type="checkbox"/>	No changes as of	Date	Signature	
			Print Name	



FOR AGENCY USE ONLY	
	Notes:
	JPA # <b>23-2246</b>

## APPLICANTS

### Part 1 – General Information

**PLEASE PRINT OR TYPE ALL ANSWERS:** If a question does not apply to your project, please print N/A (not applicable) in the space provided. If additional space is needed, attach 8-1/2 x 11 inch sheets of paper.

<i><b>Check all that apply</b></i>				
Pre-Construction Notification (PCN) <input type="checkbox"/> NWP # _____ <i>(For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)</i>		PASDO – PGP Self Verification <input type="checkbox"/> <i>(Replaces Regional Permit 17 (RP-17) checklist)</i>		
<b>County or City in which the project is located:</b> _____				
<b>Waterway at project site:</b> _____				
<b>PREVIOUS ACTIONS RELATED TO THE PROPOSED WORK (Include all federal, state, and local pre application coordination, site visits, previous permits, or applications whether issued, withdrawn, or denied)</b>				
Historical information for past permit submittals can be found online with VMRC - <a href="https://webapps.mrc.virginia.gov/public/habitat/">https://webapps.mrc.virginia.gov/public/habitat/</a> - or VIMS - <a href="http://ccrm.vims.edu/perms/newpermits.html">http://ccrm.vims.edu/perms/newpermits.html</a>				
Agency	Action / Activity	Permit/Project number, including any non-reporting Nationwide permits previously used (e.g., NWP 13)	Date of Action	If denied, give reason for denial

## Part 1 - General Information (continued)

1. Applicant's legal name\* and complete mailing address: Contact Information:

Joseph and Carla Stoner  
500 58th Street  
Virginia Beach, VA 23451

Home ( ) \_\_\_\_\_  
Work ( ) \_\_\_\_\_  
Fax ( ) \_\_\_\_\_  
Cell ( ) \_\_\_\_\_  
e-mail josephstoner@cox.net

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

2. Property owner(s) legal name\* and complete address, if different from applicant: Contact Information:

Home ( ) \_\_\_\_\_  
Work ( ) \_\_\_\_\_  
Fax ( ) \_\_\_\_\_  
Cell ( ) \_\_\_\_\_  
e-mail \_\_\_\_\_

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

3. Authorized agent name\* and complete mailing address (if applicable):



**CALVERT MARINE**  
3132 Riveredge Drive  
Portsmouth, VA 23703-4308

Contact Information:

Home ( ) \_\_\_\_\_  
Work (757) 777-6960  
Fax ( ) \_\_\_\_\_  
Cell ( ) \_\_\_\_\_  
e-mail Rich@CalvertMarine.net

State Corporation Commission Name and ID Number (if applicable) S7252713

**\* If multiple applicants, property owners, and/or agents, each must be listed and each must sign the applicant signature page.**

4. Provide a detailed description of the project in the space below, including the type of project, its dimensions, materials, and method of construction. Be sure to include how the construction site will be accessed and whether tree clearing and/or grading will be required, including the total acreage. If the project requires pilings, please be sure to include the total number, type (e.g. wood, steel, etc), diameter, and method of installation (e.g. hammer, vibratory, jetted, etc). If additional space is needed, provide a separate sheet of paper with the project description.

The existing timber bulkhead is aging and starting to loose material as a result. The proposed repair is to install new filter cloth and Class A1 and 1 granite in front of the existing bulkhead. The existing timber pier shall be removed and reinstalled as required to install the new stone and filter cloth. The work shall be accessed by land using the designated route as shown. All denuded and or damaged vegetation shall be replaced in kind.

## Part 1 - General Information (continued)

5. Have you obtained a contractor for the project? \_\_\_ Yes\* \_\_\_ No. \*If your answer is “Yes” complete the remainder of this question and submit the Applicant’s and Contractor’s Acknowledgment Form (enclosed)

Contractor’s name\* and complete mailing address:

Contact Information:

Home (\_\_\_\_)\_\_\_\_\_

Work (\_\_\_\_)\_\_\_\_\_

Fax (\_\_\_\_)\_\_\_\_\_

Cell (\_\_\_\_)\_\_\_\_\_

email \_\_\_\_\_

State Corporation Commission Name and ID Number (if applicable) \_\_\_\_\_

**\* If multiple contractors, each must be listed and each must sign the applicant signature page.**

6. List the name, address and telephone number of the newspaper having general circulation in the area of the project. Failure to complete this question may delay local and State processing.

Name and complete mailing address:

Telephone number

(\_\_\_\_) \_\_\_\_\_

7. Give the following project location information:

Street Address (911 address if available) \_\_\_\_\_

Lot/Block/Parcel# \_\_\_\_\_

Subdivision \_\_\_\_\_

City / County \_\_\_\_\_ ZIP Code \_\_\_\_\_

Latitude and Longitude at Center Point of Project Site (Decimal Degrees):

\_\_\_\_\_ / - \_\_\_\_\_ (Example: 36.41600/-76.30733)

If the project is located in a rural area, please provide driving directions giving distances from the best and nearest visible landmarks or major intersections. *Note: if the project is in an undeveloped subdivision or property, clearly stake and identify property lines and location of the proposed project. A supplemental map showing how the property is to be subdivided should also be provided.*

8. What are the *primary and secondary purposes of and the need for* the project? For example, the primary purpose may be “to protect property from erosion due to boat wakes” and the secondary purpose may be “to provide safer access to a pier.”

## Part 1 - General Information (continued)

9. Proposed use (check one):  
\_\_\_ Single user (private, non-commercial, residential)  
\_\_\_ Multi-user (community, commercial, industrial, government)
10. Describe alternatives considered and the measures that will be taken to avoid and minimize impacts, to the maximum extent practicable, to wetlands, surface waters, submerged lands, and buffer areas associated with any disturbance (clearing, grading, excavating) during and after project construction. *Please be advised that unavoidable losses of tidal wetlands and/or aquatic resources may require compensatory mitigation.*
11. Is this application being submitted for after-the-fact authorization for work which has already begun or been completed? \_\_\_ Yes \_\_\_ No. If yes, be sure to clearly depict the portions of the project which are already complete in the project drawings.
12. Approximate cost of the entire project (materials, labor, etc.): \$ \_\_\_\_\_  
Approximate cost of that portion of the project that is channelward of mean low water:  
\$ \_\_\_\_\_
13. Completion date of the proposed work: \_\_\_\_\_ - \_\_\_\_\_
14. Adjacent Property Owner Information: List the name and complete **mailing address**, including zip code, of each adjacent property owner to the project. (NOTE: If you own the adjacent lot, provide the requested information for the first adjacent parcel beyond your property line.) Failure to provide this information may result in a delay in the processing of your application by VMRC.

## Part 2 - Signatures

### 1. Applicants and property owners (if different from applicant).

**NOTE: REQUIRED FOR ALL PROJECTS**

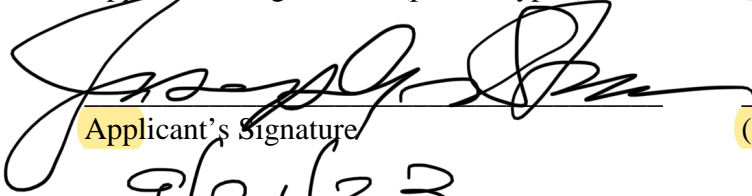
**PRIVACY ACT STATEMENT:** The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that authorize structures and work in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters prior to undertaking the activity. Information provided in the Joint Permit Application will be used in the permit review process and is a matter of public record once the application is filed. Disclosure of the requested information is voluntary, but it may not be possible to evaluate the permit application or to issue a permit if the information requested is not provided.

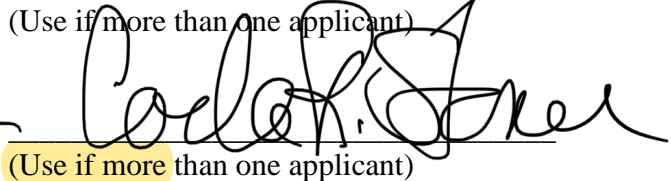
**CERTIFICATION:** I am hereby applying for all permits typically issued by the DEQ, VMRC, USACE, and/or Local Wetlands Boards for the activities I have described herein. I agree to allow the duly authorized representatives of any regulatory or advisory agency to enter upon the premises of the project site at reasonable times to inspect and photograph site conditions, both in reviewing a proposal to issue a permit and after permit issuance to determine compliance with the permit.

In addition, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

\_\_\_\_\_  
Applicant's Legal Name (printed/typed)

\_\_\_\_\_  
(Use if more than one applicant)





Applicant's Signature

(Use if more than one applicant)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Property Owner's Legal Name (printed/typed)  
(If different from Applicant)

\_\_\_\_\_  
(Use if more than one owner)

\_\_\_\_\_  
Property Owner's Signature

\_\_\_\_\_  
(Use if more than one owner)

\_\_\_\_\_  
Date

## Part 2 – Signatures (continued)

### 2. Applicants having agents (if applicable)

#### CERTIFICATION OF AUTHORIZATION

I (we), \_\_\_\_\_, hereby certify that I (we) have authorized \_\_\_\_\_  
(Applicant's legal name(s)) (Agent's name(s))

to act on my behalf and take all actions necessary to the processing, issuance and acceptance of this permit and any and all standard and special conditions attached.

We hereby certify that the information submitted in this application is true and accurate to the best of our knowledge.



\_\_\_\_\_  
(Agent's Signature)

\_\_\_\_\_  
(Use if more than one agent)

**09/18/2023**

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Applicant's Signature)

\_\_\_\_\_  
(Use if more than one applicant)

\_\_\_\_\_  
(Date)

### 3. Applicant's having contractors (if applicable)

#### CONTRACTOR ACKNOWLEDGEMENT

I (we), \_\_\_\_\_, have contracted \_\_\_\_\_  
(Applicant's legal name(s)) (Contractor's name(s))  
to perform the work described in this Joint Permit Application, signed and dated \_\_\_\_\_.

We will read and abide by all conditions set forth in all Federal, State and Local permits as required for this project. We understand that failure to follow the conditions of the permits may constitute a violation of applicable Federal, state and local statutes and that we will be liable for any civil and/or criminal penalties imposed by these statutes. In addition, we agree to make available a copy of any permit to any regulatory representative visiting the project to ensure permit compliance. If we fail to provide the applicable permit upon request, we understand that the representative will have the option of stopping our operation until it has been determined that we have a properly signed and executed permit and are in full compliance with all terms and conditions.

\_\_\_\_\_  
Contractor's name or name of firm

\_\_\_\_\_  
Contractor's or firms address

\_\_\_\_\_  
Contractor's signature and title

\_\_\_\_\_  
Contractor's License Number

\_\_\_\_\_  
Applicant's signature

\_\_\_\_\_  
(use if more than one applicant)

\_\_\_\_\_  
Date

## Part 2 – Signatures (continued)

### ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I (we), \_\_\_\_\_, own land next to (across the water  
(Print adjacent/nearby property owner's name)

from/on the same cove as) the land of \_\_\_\_\_.  
(Print applicant's name(s))

I have reviewed the applicant's project drawings dated \_\_\_\_\_  
(Date)

to be submitted for all necessary federal, state and local permits.

I HAVE NO COMMENT \_\_\_\_\_ ABOUT THE PROJECT.

I DO NOT OBJECT \_\_\_\_\_ TO THE PROJECT.

I OBJECT \_\_\_\_\_ TO THE PROJECT.

**The applicant has agreed to contact me for additional comments if the proposal changes prior to construction of the project.**

(Before signing this form be sure you have checked the appropriate option above).

\_\_\_\_\_  
Adjacent/nearby property owner's signature(s)

\_\_\_\_\_  
Date

**Note: If you object to the proposal, the reason(s) you oppose the project must be submitted in writing to VMRC. An objection will not necessarily result in denial of the project; however, valid complaints will be given full consideration during the permit review process.**

## Part 2 – Signatures (continued)

### ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I (we), \_\_\_\_\_, own land next to (across the water  
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**The applicant has agreed to contact me for additional comments if the proposal changes prior to construction of the project.**

(Before signing this form, be sure you have checked the appropriate option above).

\_\_\_\_\_  
Adjacent/nearby property owner's signature(s)

\_\_\_\_\_  
Date

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**Joseph / Carla Stoner  
500 58<sup>th</sup> Street  
Virginia Beach, VA 23451**

**PROJECT NARRATIVE FOR ALTERNATE SHORELINE**

The property has an existing timber bulkhead 4.0 to 4.5' tall. The existing bulkhead connects with one APO of the property on the northern side and ties into the existing rip rap at the southern APO. There is not much fetch but the owner has a boat lift and pier.

After review of the property, rip rap was found to be the best solution to remedy the current bulkhead issue. The existing bulkhead shall be removed as required to install a new rip rap revetment atop new filter cloth. A new revetment is the preferred stabilization over a replacement bulkhead where possible. The conditions are unfavorable for a Living Shoreline based on the following site-specific conditions listed below:

1. The adjacent property to the north has a bulkhead that was built at the same time as the existing. Removal would create a breach and substantial grading.
2. A living shoreline would be difficult to transition to the other property that has a rip rap revetment. Both properties would be subject to exposure to tidal erosion without additional repairs.
3. The existing structures are 48 feet from the existing bulkhead. The grading required for a Living Shoreline would require this distance eliminating the small back yard and most of the trees.
4. There are numerous trees that would shade the plantings in a Living Shoreline design, if not eventually destroyed from the required grading.

## Part 3 – Appendices (continued)

**Appendix B: Projects for Shoreline Stabilization** in tidal wetlands, tidal waters and dunes/beaches including riprap revetments and associated backfill, marsh toe stabilization, bulkheads and associated backfill, breakwaters, beach nourishment, groins, jetties, and living shoreline projects. Answer all questions that apply. Please provide any reports provided from the Shoreline Erosion Advisory Service or VIMS.

**NOTE:** It is the policy of the Commonwealth that living shorelines are the preferred alternative for stabilizing tidal shorelines (Va. Code § 28.2-104.1). **Information on non-structural, vegetative alternatives (i.e., Living Shoreline) for shoreline stabilization is available at [http://ccrm.vims.edu/coastal\\_zone/living\\_shorelines/index.html](http://ccrm.vims.edu/coastal_zone/living_shorelines/index.html).**

1. Describe each **revetment, bulkhead, marsh toe, breakwater, groin, jetty, other structure, or living shoreline project** separately in the space below. Include the overall length in linear feet, the amount of impacts in acres, and volume of associated backfill below mean high water and/or ordinary high water in cubic yards, as applicable:

2. What is the maximum encroachment channelward of mean high water? \_\_\_\_\_ feet.  
Channelward of mean low water? \_\_\_\_\_ feet.  
Channelward of the back edge of the dune or beach? \_\_\_\_\_ feet.

3. Please calculate the square footage of encroachment over:

- Vegetated wetlands \_\_\_\_\_ square feet
- Non-vegetated wetlands \_\_\_\_\_ square feet
- Subaqueous bottom \_\_\_\_\_ square feet
- Dune and/or beach \_\_\_\_\_ square feet

4. For bulkheads, is any part of the project maintenance or replacement of a previously authorized, currently serviceable, existing structure? \_\_\_\_ Yes \_\_\_\_ No.

If yes, will the construction of the new bulkhead be no further than two (2) feet channelward of the existing bulkhead? \_\_\_\_ Yes \_\_\_\_ No.

If no, please provide an explanation for the purpose and need for the additional encroachment.

### Part 3 – Appendices (continued)

5. Describe the type of construction and **all** materials to be used, including source of backfill material, if applicable (e.g., vinyl sheet-pile bulkhead, timber stringers and butt piles, 100% sand backfill from upland source; broken concrete core material with Class II quarry stone armor over filter cloth).

**NOTE: Drawings must include construction details, including dimensions, design and all materials, including fittings if used.**

6. If using stone, broken concrete, etc. for your structure(s), what is the average weight of the:  
Core (inner layer) material \_\_\_\_\_ pounds per stone    Class size \_\_\_\_\_  
Armor (outer layer) material \_\_\_\_\_ pounds per stone    Class size \_\_\_\_\_

7. For **beach nourishment**, including that associated with breakwaters, groins or other structures, provide the following:

- Volume of material                    \_\_\_\_\_ cubic yards channelward of mean low water  
    \_\_\_\_\_ cubic yards landward of mean low water  
    \_\_\_\_\_ cubic yards channelward of mean high water  
    \_\_\_\_\_ cubic yards landward of mean high water
  
- Area to be covered                    \_\_\_\_\_ square feet channelward of mean low water  
    \_\_\_\_\_ square feet landward of mean low water  
    \_\_\_\_\_ square feet channelward of mean high water  
    \_\_\_\_\_ square feet landward of mean high water
  
- Source of material, composition (e.g. 90% sand, 10% clay): \_\_\_\_\_
- Method of transportation and placement:  
\_\_\_\_\_
  
- Describe any proposed vegetative stabilization measures to be used, including planting schedule, spacing, monitoring, etc. Additional guidance is available at  
<http://www.vims.edu/about/search/index.php?q=planting+guidelines>:

**ENGINEERS/SURVEYOR'S INSPECTION STATEMENT  
FOR  
WATERFRONT CONSTRUCTION/COASTAL PRIMARY SAND DUNE  
PROJECTS**  
REVISED 10-09-03

PROJECT LOCATION: 500 58<sup>th</sup> Street, 23451

APPLICANT'S NAME: Joseph / Carla Stoner

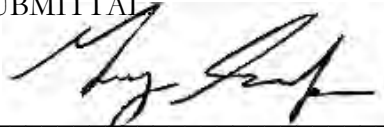
APPLICANT'S ADDRESS: 500 58<sup>th</sup> ST

Virginia Beach, VA 23451

ENGINEER OF RECORD: Gary Franks Jr. P.E.

AT THE COMPLETION OF A WATERFRONT CONSTRUCTION/COASTAL PRIMARY SAND DUNE PROJECT IT IS REQUIRED THAT A CERTIFICATION BY THE APPROVING ENGINEER /SURVEYOR BE SUBMITTED, STATING THAT THEY HAVE INSPECTED THE REFERENCED PROJECT SITE AND TO THE BEST OF THEIR KNOWLEDGE, THE WATERFRONT/COASTAL PRIMARY SAND DUNE PROJECT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. SUCH CERTIFICATION SHALL BE SEALED BY THE ENGINEER OR SURVEYOR CERTIFYING THE CONSTRUCTION.

THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT OF PLANNING, WATERFRONT OPERATIONS OFFICE WITH ALL APPLICATIONS FOR WATERFRONT CONSTRUCTION/COASTAL PRIMARY SAND DUNE PROJECTS AT THE TIME OF SUBMITTAL

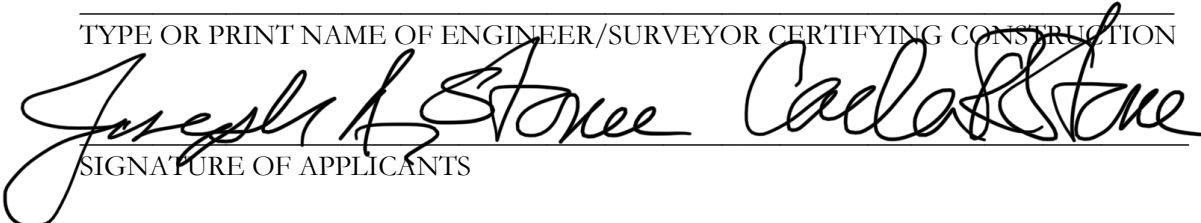


\_\_\_\_\_  
SIGNATURE OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION

\_\_\_\_\_  
DATE

Gary Franks Jr. P. E.

\_\_\_\_\_  
TYPE OR PRINT NAME OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION



\_\_\_\_\_  
SIGNATURE OF APPLICANTS

\_\_\_\_\_  
DATE

9/21/23

\_\_\_\_\_  
SIGNATURE OF COASTAL ZONE ADMINISTRATOR

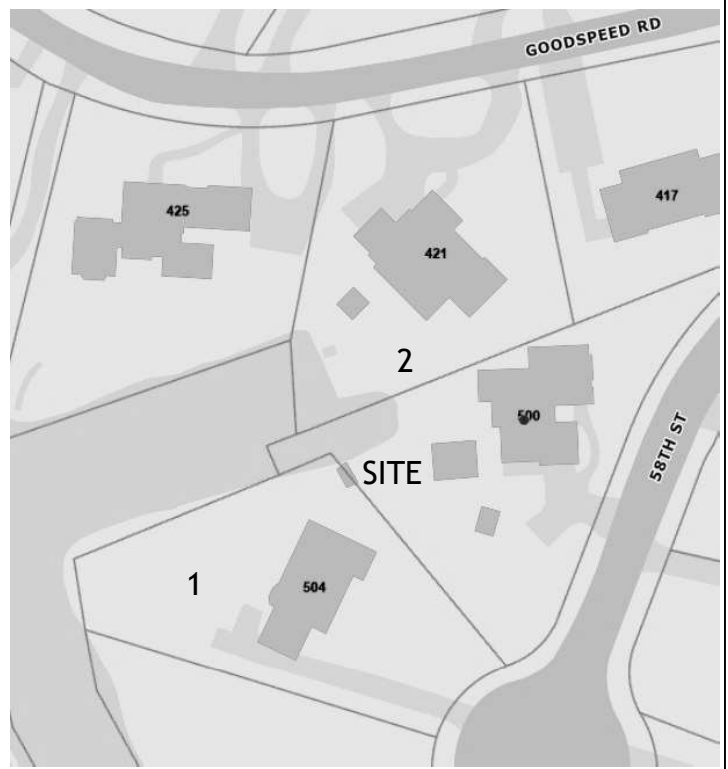
\_\_\_\_\_  
DATE

ANY ALTERATION OF THIS FORM OR ITS ENDORSEMENTS WITHOUT THE EXPRESS CONSENT FROM THE ORIGINATOR SHALL INVALIDATE THIS INSTRUMENT.

APPLICATION NO. \_\_\_\_\_  
(TO BE COMPLETED BY STAFF)



PROPERTY MAP



STREET MAP

# NEW RIP RAP REVETMENT

500 58<sup>th</sup> STREET  
 VIRGINIA BEACH, VA 23451

LEGAL: CRYSTAL LAKE 8 LOT 8



09/22/23

NO SCALE ■ DATUM: MLW = -0.80' MHW = +1.10' ULW = +2.05'

**CALVERT**



**VICINITY MAP**

Adjacent Property Owners:

1. Emily Dreyfus
2. John Plumlee



Proposed: **RIP RAP REVETMENT**  
 in: **CRYSTAL LAKE**

at: **500 58<sup>th</sup> Street**

County of: **VIRGINIA BEACH**

Applicant: **Joseph / Carla Stoner**

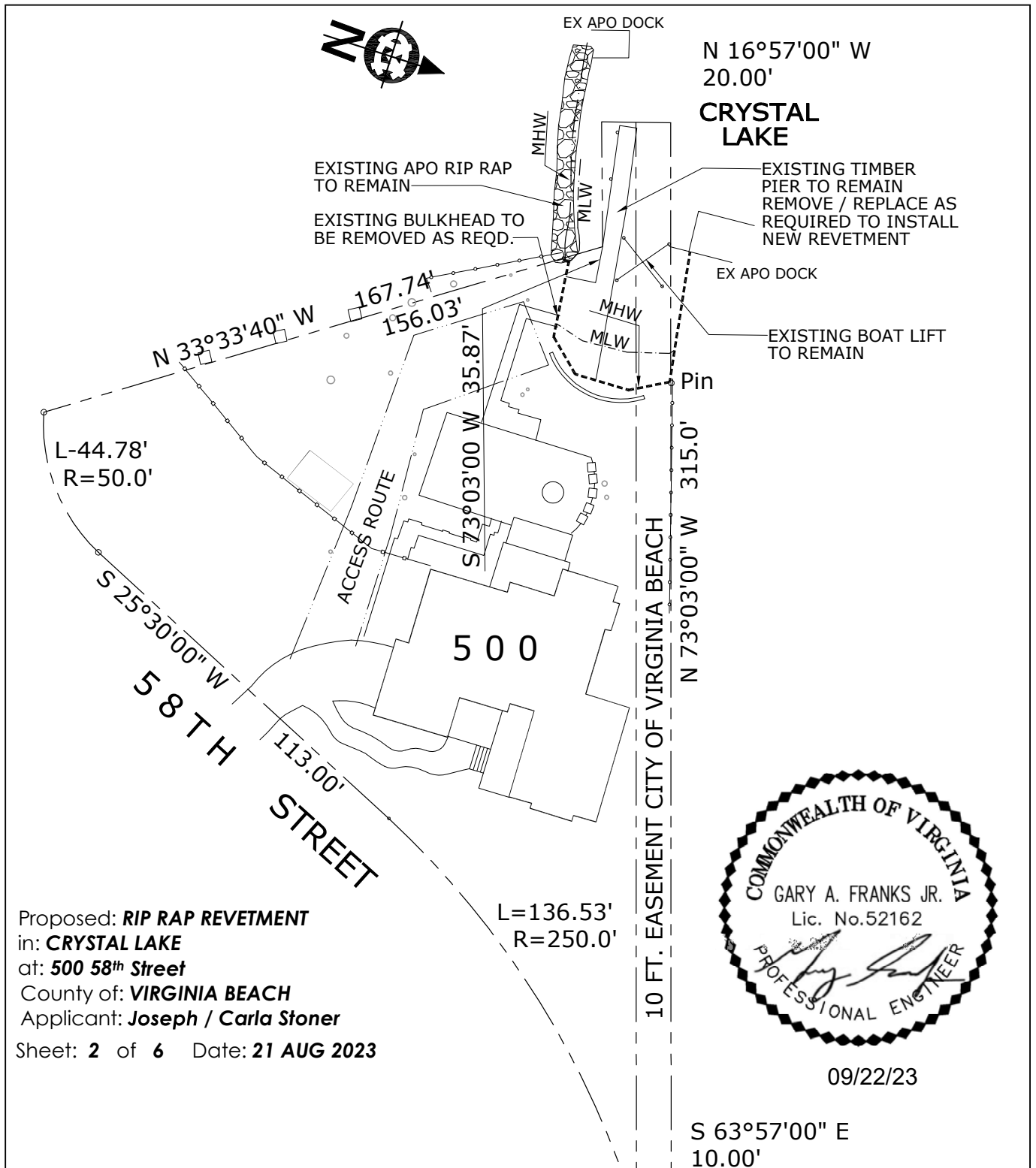
Sheet: **1** of **6**

Date: **21 AUG 2023**

SCALE: 1" = 50'-0"

DATUM: MLW = -0.80'


MHW = +1.10' ULW = +2.05'



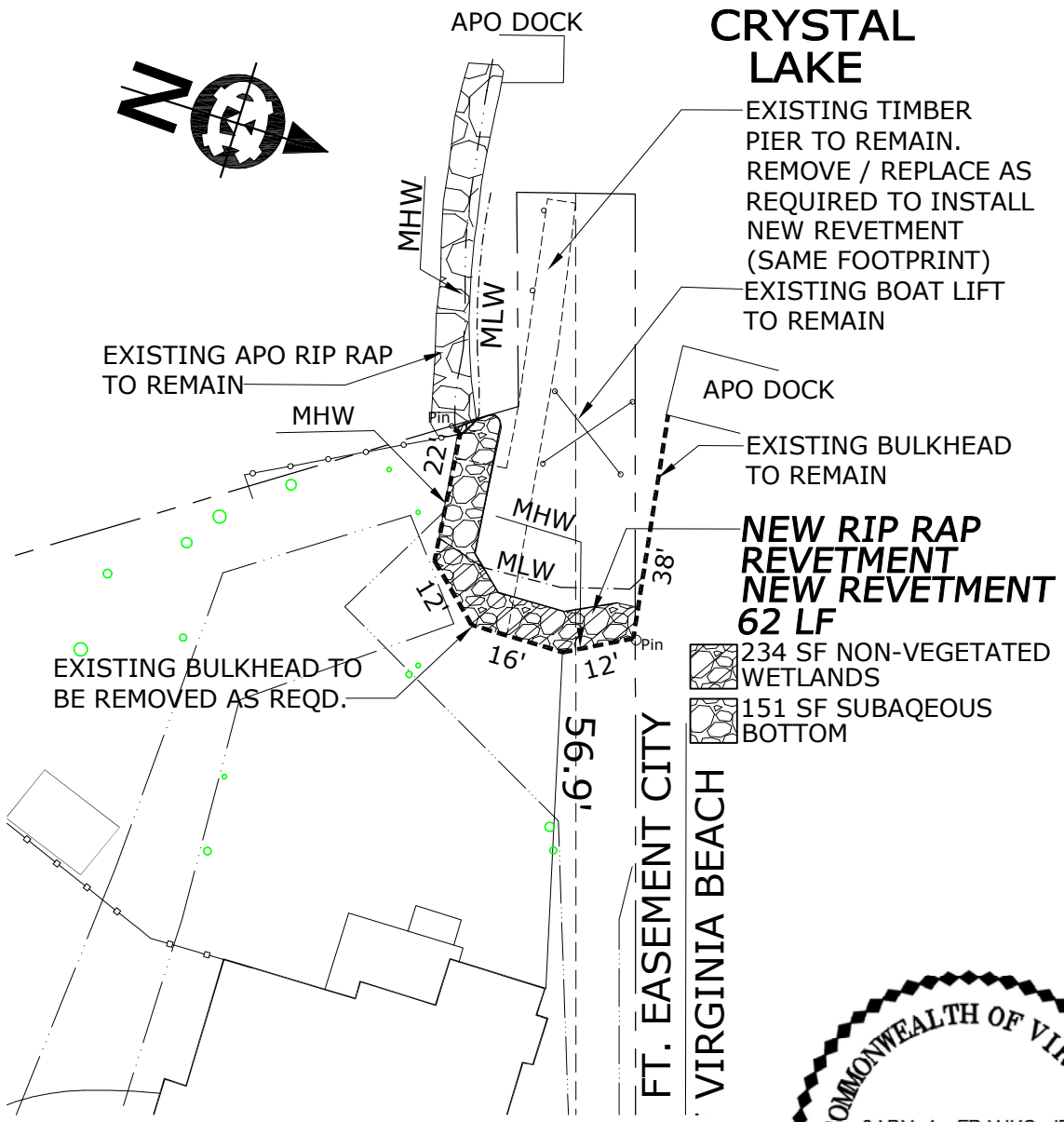
Proposed: **RIP RAP REVETMENT**  
 in: **CRYSTAL LAKE**  
 at: **500 58<sup>th</sup> Street**  
 County of: **VIRGINIA BEACH**  
 Applicant: **Joseph / Carla Stoner**  
 Sheet: **2** of **6** Date: **21 AUG 2023**



09/22/23

<p><b>CALVERT</b></p>  <p><b>MARINE</b> PORTSMOUTH VIRGINIA</p>	<p><b>EXISTING PLAN</b></p> <p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> <li>Emily Dreyfus</li> <li>John Plumlee</li> </ol>
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# CRYSTAL LAKE



EXISTING TIMBER PIER TO REMAIN. REMOVE / REPLACE AS REQUIRED TO INSTALL NEW REVETMENT (SAME FOOTPRINT)  
 EXISTING BOAT LIFT TO REMAIN


**NEW RIP RAP REVETMENT  
 NEW REVETMENT  
 62 LF**

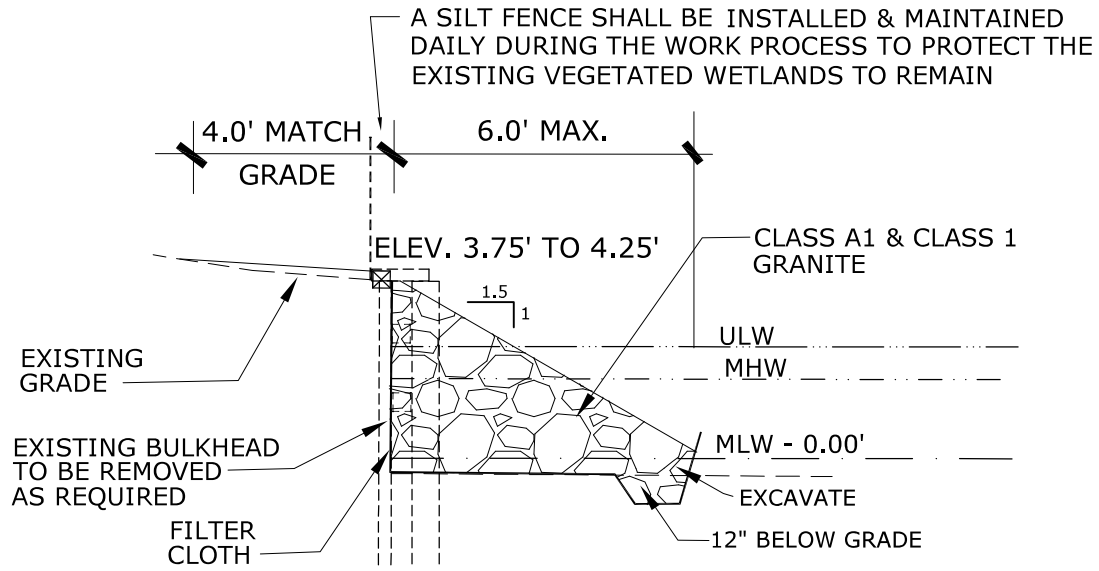
- 234 SF NON-VEGETATED WETLANDS
- 151 SF SUBAQUEOUS BOTTOM



09/22/23

SCALE: 1" = 30'-0"  
 DATUM: MLW = -0.80' MHW = +1.10' ULW = +2.05'

	<b>NEW WORK PLAN</b>	Proposed: <b>RIP RAP REVETMENT</b> in: <b>CRYSTAL LAKE</b> at: <b>500 58<sup>th</sup> Street</b> County of: <b>VIRGINIA BEACH</b> Applicant: <b>Joseph / Carla Stoner</b> Sheet: <b>3</b> of <b>6</b> Date: <b>21 AUG 2023</b>
	Adjacent Property Owners: 1. Emily Dreyfus 2. John Plumlee	

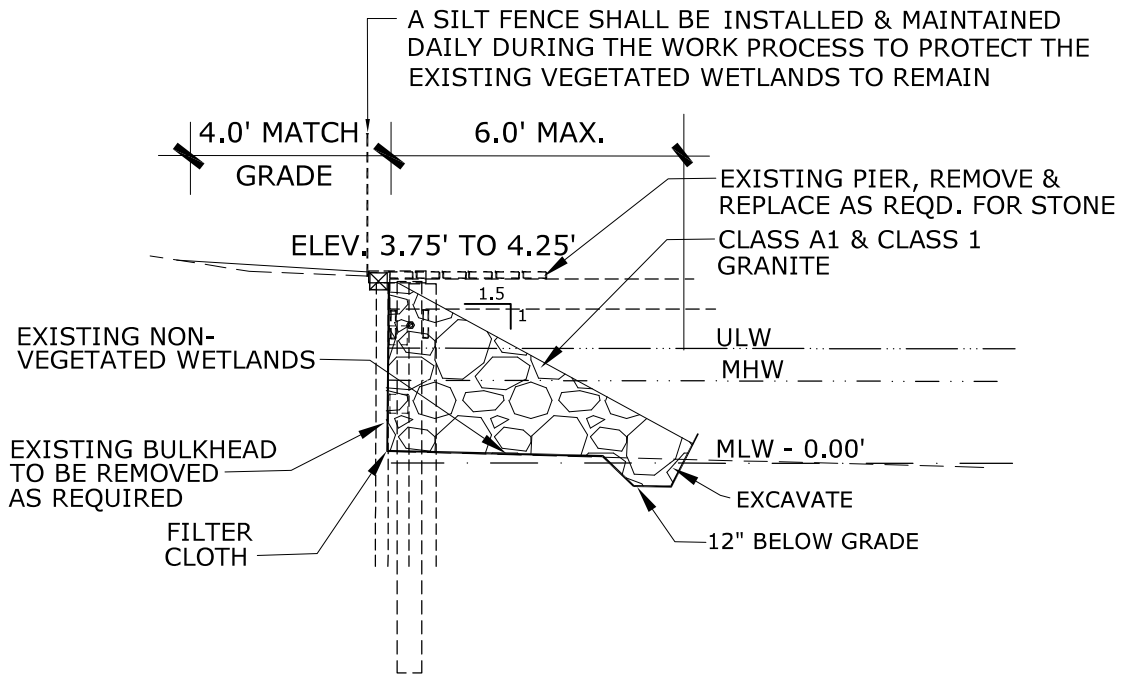


09/22/23

SCALE: 1/4" = 1'-0" ■ DATUM: MLW = -0.80' MHW = +1.10' ULW = +2.05'

<p><b>CALVERT</b></p> <p><b>MARINE</b> PORTSMOUTH VIRGINIA</p>	<p><b>SECTION AT SUB. BOTTOM</b></p>	<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> <li>Emily Dreyfus</li> <li>John Plumlee</li> </ol>	<p>Proposed: <b>RIP RAP REVETMENT</b> in: <b>CRYSTAL LAKE</b> at: <b>500 58<sup>th</sup> Street</b> County of: <b>VIRGINIA BEACH</b> Applicant: <b>Joseph / Carla Stoner</b> Sheet: <b>4</b> of <b>6</b>      Date: <b>21 AUG 2023</b></p>
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09/22/23

SCALE: 1/4" = 1'-0" ■ DATUM: MLW = -0.80' MHW = +1.10' ULW = +2.05'

**CALVERT SECTION AT NON-VEG. WETLANDS**



Adjacent Property Owners:

1. Emily Dreyfus
2. John Plumlee

Proposed: **RIP RAP REVETMENT**

in: **CRYSTAL LAKE**

at: **500 58<sup>th</sup> Street**

County of: **VIRGINIA BEACH**

Applicant: **Joseph / Carla Stoner**

Sheet: **5** of **6**


Date: **21 AUG 2023**

1. THE CONSTRUCTION ACCESS ROUTE USED FOR THE CONSTRUCTION TRAFFIC & MATERIALS SHALL BE DELINEATED WITH SAFETY FENCE.
2. ALL EROSION AND SEDIMENT CONTROLS SHALL BE CONSTRUCTED AND MAINTAINED AS REQUIRED BY THE CITY OF VIRGINIA BEACH.
3. CONTRACTOR SHALL PROTECT THE EXISTING STRUCTURES TO REMAIN. NEW DECKING SHALL BE INSTALLED FOR THE ENTIRE PIER UPON COMPLETION OF THE RIP RAP.
4. THE PROPERTY OWNERS ARE IDENTIFIED ON THE PROPERTY MAP, SHEET 1.
5. CONTRACTOR SHALL VERIFY THE PROPERTY LINES IN THE FIELD TO ASSURE THAT THE IMPROVEMENTS SHOWN ARE WITHIN THE OWNER'S PROPERTY. THE CONTRACTOR SHALL ALSO VERIFY THE LAYOUT, ALIGNMENT AND GRADES PRIOR TO THE START OF WORK.
6. GRANITE SHALL BE CLASS 1 GRANITE MIXED WITH CLASS A1 AS REQUIRED.
7. FILTER CLOTH SHALL BE PLACED UNDER GRANITE AND AT THE EXIST. BULKHEAD AS SHOWN.
8. ALL EXCAVATED MATERIAL WITH ORGANICS SHALL BE REMOVED OFF SITE. ALL OTHER SUITABLE EXCAVATED MATERIAL CAN BE USED FOR FILL. IMPORTED DIRT FOR FILL SHALL HAVE NO ORGANICS.
9. THESE PLANS ARE FOR PERMIT PURPOSES ONLY. NO GEOTECHNICAL OR STRUCTURAL BORINGS HAVE TAKEN PLACE AT THIS SITE. THE CONTRACTOR SHALL VERIFY THE SOIL CONDITIONS TO BE SUITABLE.
10. IF UNSUITABLE SOILS ARE ENCOUNTERED CONTRACTOR SHALL CONTACT THE OWNER AND CALVERT MARINE.
11. A WIRE REINFORCED SILT FENCE SHALL BE INSTALLED PRIOR TO ANY BACKFILLING. IT SHALL REMAIN IN PLACE UNTIL A VEGETATIVE COVER HAS DEVELOPED.
12. ALL DEUDED AND OR DAMAGED VEGETATION SHALL BE REPLACED IN KIND.
13. NO CHANGES CAN BE MADE TO THE DRAWINGS / PROJECT WITHOUT APPROVAL FROM VMRC AND THE CITY.



09/22/23

NO SCALE ■ DATUM: MLW = -0.80' MHW = +1.10' ULW = +2.05'

<b>CALVERT</b> 	<b>NOTES</b>	Proposed: <b>RIP RAP REVETMENT</b> in: <b>CRYSTAL LAKE</b> at: <b>500 58<sup>th</sup> Street</b> County of: <b>VIRGINIA BEACH</b> Applicant: <b>Joseph / Carla Stoner</b> Sheet: <b>6</b> of <b>6</b> Date: <b>21 AUG 2023</b>