

Wetlands Board Agenda

March 20, 2023



VIRGINIA BEACH WETLANDS BOARD

PUBLIC HEARING PROCEDURES & AGENDA

A Public Hearing of the Virginia Beach Wetlands Board will be held on **Monday, March 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 www.vbgov.com/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@vbgov.com 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@vbgov.com 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 PLEASE NOTE THE REQUESTS THAT ARE MADE, AS ONE OF THE ITEMS BEING WITHDRAWN OR DEFERRED MAY BE THE ITEM THAT YOU HAVE AN INTEREST IN.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 **March 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 www.vbgov.com/wetlands. For information call (757) 385-4621.

NEW BUSINESS - WETLANDS

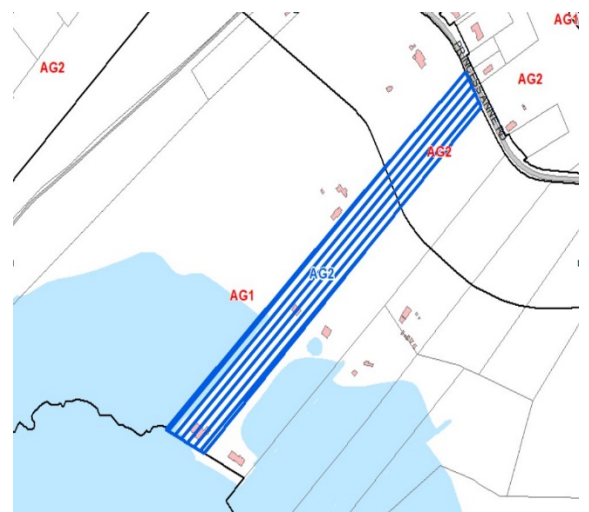
1. 2023-WTRA-00025

Edward P. and Claire M. Amdahl
[Applicants & Owners]

337 Princess Anne Road
GPIN 2317-36-0693
City Council District: District 2,
formerly Princess Anne

Waterway – North Landing River
Subdivision – Pungo

Request: To construct a rip rap revetment involving wetlands and a covered boat lift.



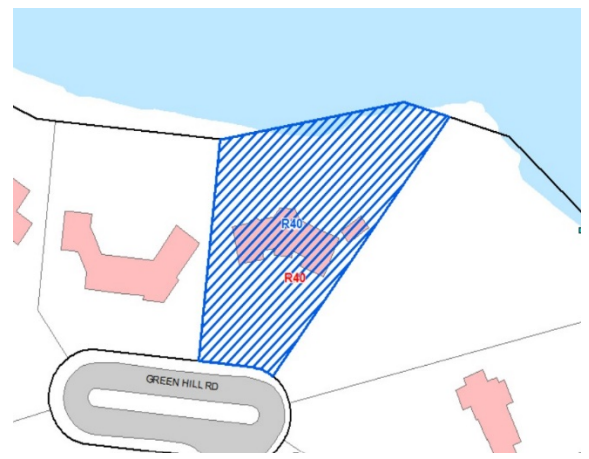
2. 2023-WTRA-00033

H. Alex and Jacqueline H. Jones
[Applicants & Owners]

1833 Green Hill Road
GPIN 1499-86-6463
City Council District: District 8, formerly Lynnhaven

Waterway – Broad Bay
Subdivision – Green Hill Farm

Request: To construct a rip rap revetment involving wetlands.



1. 2023-WTRA-00025

Edward P. and Claire M. Amdahl

[Applicants & Owners]

337 Princess Anne Road

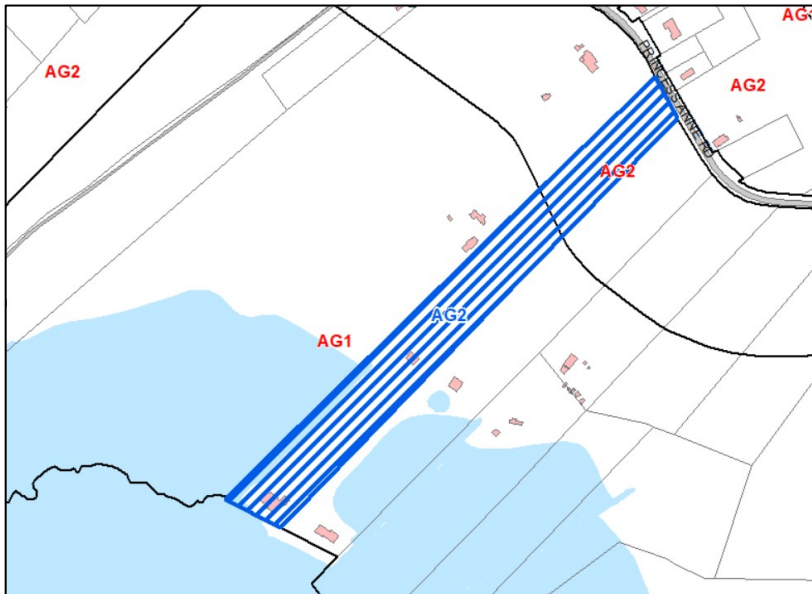
GPIN 2317-36-0693

City Council District: District 2,
formerly Princess Anne

Waterway – North Landing River

Subdivision – Pungo

Request: To construct a rip rap revetment involving wetlands and a covered boat lift.



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 Edward Amdahl

Does the applicant have a representative? **Yes** **No**

- If **yes**, list the name of the representative.

Robert Simon - Agent

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-sub subsidiary¹ or affiliated business entity² relationship with the applicant. (Attach a list if necessary)

¹ "Parent-sub subsidiary 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.

² "Affiliated business entity relationship" means "a relationship, other than parent-sub subsidiary 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.

Disclosure Statement



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.
-

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 real estate broker/realtor.
-

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 or 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 or 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



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 construction contractor.

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 engineer/surveyor/agent.
- Sean Green, P.E.-Engineer Robert Simon - Agent

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 name of the attorney or firm providing legal services.

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.**

DocuSigned by:
Edward Amdahl

Applicant Signature

Edward Amdahl

Print Name and Title

1/5/2023

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

- ❖ DEQ: Permit application fees required for Virginia Water Protection permits – while detailed in 9VAC25-20 – are conveyed to the applicant by the applicable DEQ office (<http://www.deq.virginia.gov/Locations.aspx>). Complete the Permit Application Fee Form and submit it per the instructions to the address listed on the form. Instructions for submitting any other fees will be provided to the applicant by DEQ staff.
- ❖ VMRC: An application fee of \$300 may be required for projects impacting tidal wetlands, beaches and/or dunes when VMRC acts as the LWB. VMRC will notify the applicant in writing if the fee is required. Permit fees involving subaqueous lands are \$25.00 for projects costing \$10,000 or less and \$100 for projects costing more than \$10,000. Royalties may also be required for some projects. The proper permit fee and any required royalty is paid at the time of permit issuance by VMRC. VMRC staff will send the permittee a letter notifying him/her of the proper permit fees and submittal requirements.
- ❖ LWB: Permit fees vary by locality. Contact the LWB for your project area or their website for fee information and submittal requirements. Contact information for LWBs may be found at http://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html.

FOR AGENCY USE ONLY	
	Notes:
	JPA # 23-0120

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>Check all that apply</i>				
Pre-Construction Notification (PCN) <input type="checkbox"/> NWP # _____ <i>(For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)</i>	Regional Permit 17 (RP-17) <input type="checkbox"/>			
County or City in which the project is located: <u>Virginia Beach, VA</u>				
Waterway at project site: <u>North Landing River</u>				
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)				
Historical information for past permit submittals can be found online with VMRC - https://webapps.mrc.virginia.gov/public/habitat/ - or VIMS - http://ccrm.vims.edu/perms/newpermits.html				
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
VMRC	NPN	VMRC#2021-0731	4/1/2021	
CVB	Approved	2021-WTRA-00102	7/1/2021	

Part 1 - General Information (continued)

- 1. Applicant's legal name* and complete mailing address: Contact Information:
 Edward Amdahl Home () _____
 337 Princess Anne Road Work () _____
 Virginia Beach, VA 23457 Fax () _____
 Cell (808) 542-9654
 e-mail amdahlep@gmail.com
 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): Contact Information:
 Waterfront Consulting, Inc. Home () _____
 2589 Quality Court, Ste. 323 Work (757) 425-8244
 Virginia Beach, VA 23454 Fax (757) 425-8244
 Cell (757) 619-7302
 e-mail bob@waterfrontconsulting.net
 State Corporation Commission Name and ID Number (if applicable) 047-4381-1

*** 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 proposed rip rap revetment was previously approved by the Virginia Beach wetlands board on May 17, 2021 and has expired.

The proposed project involves the placement of 380 LF of quarry stone rip rap revetment for erosion prevention. This project will involve 2,660 SF of non-vegetated wetlands to be converted to 2,660 SF of non-vegetated rock habitat.

This project also involves the construction of a 16'x30' open sided boathouse with a boatlift.

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

Virginian Pilot
150 W. Brambleton Avenue
Norfolk, VA 23510

(757) 622-1455 _____

- 7. Give the following project location information:

Street Address (911 address if available) 337 Princess Anne Road _____

Lot/Block/Parcel# Morses Point 10.80 Acres _____

Subdivision Pungo _____

City / County Virginia Beach, VA _____ ZIP Code 23457 _____

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

36.567176 / -76.0170678 (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.*

The project is located on public roads.

- 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."

Primary Purpose: Erosion Prevention

Secondary Purpose: Dry watercraft storage

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.*
- This project will use minimal fill. The project will be located between a gravel driveway and a dredged out canal. The non vegetated impacts will be converted to rock habitat. No net loss of wetlands
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: Approximately 1 year from permit date - _____
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.

Wendy Lewis

2016 Kittridge Drive

Virginia Beach, VA 23456

Lawrence Leonardson

345 Princess Anne Road

Virginia Beach, VA 23457

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.

Edward Amdahl

Applicant's Legal Name (printed/typed)

(Use if more than one applicant)

DocuSigned by:
Edward Amdahl

Applicant's Signature

(Use if more than one applicant)

1/5/2023

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), Edward Amdahl, hereby certify that I (we) have authorized Waterfront Consulting, Inc.
(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.

Robert E. Simon, V.P.

(Agent’s Signature)

(Use if more than one agent)

12/30/2022

(Date)

DocuSigned by:

Edward Amdahl

(Applicant’s Signature)

(Use if more than one applicant)

1/5/2023

(Date)

3. Applicant’s having contractors (if applicable)

CONTRACTOR ACKNOWLEDGEMENT

I (we), Edward Amdahl, 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

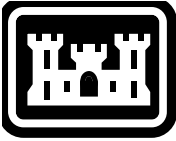
Contractor’s signature and title

Contractor’s License Number

Applicant’s signature

(use if more than one applicant)

Date



**U.S. Army Corps
Of Engineers**
Norfolk District

REGIONAL PERMIT 17 CHECKLIST

Please review the 18-RP-17 enclosure before completing this form and note 18-RP-17 can only be used for proposed **PRIVATE USE** structures that comply with the terms and conditions of 18-RP-17. Copies can be obtained online at <http://www.nao.usace.army.mil/Missions/Regulatory/RBregional/>.

- YES NO (1) Has the permittee reviewed the 18-RP-17 enclosure and verified that the proposed structure(s) is in compliance with all the terms, conditions, and limitations of 18-RP-17?
- YES NO (2) Does the proposed structure(s) extend no more than one-fourth of the distance across the waterway measured from either mean high water (MHW) to MHW (including all channelward wetlands) or ordinary high water (OHW) to OHW (including all channelward wetlands)?
- YES NO (3) Does the proposed structure(s) extend no more than 300 feet from MHW or OHW (including all channelward wetlands)?
- YES NO N/A (4) Does the proposed structure(s) attach to the upland at a point landward of MHW or OHW (including all channelward wetlands)?
- YES NO N/A (5) If the proposed structure(s) crosses wetland vegetation, is it an open-pile design that has a maximum width of five (5) feet and a minimum height of four (4) feet between the decking and the wetland substrate?
- YES NO N/A (6) Does the proposed structure(s) include no more than two (2) boatlifts and no more than two (2) boat slips?
- YES NO N/A (7) Is the open-sided roof structure designed to shelter a boat ≤ 700 square feet and/or is the open sided roof structure or gazebo structure designed to shelter a pier ≤ 400 square feet?
- YES NO N/A (8) Are all piles associated with the proposed structure(s) non-steel, less than or equal to 12" in diameter, and will less than or equal to 25 piles be installed channelward of MHW?
- YES NO N/A (9) Is all work occurring behind cofferdams, turbidity curtains, or other methods to control turbidity being utilized when operationally feasible and federally listed threatened or endangered species may be present?
- YES NO N/A (10) If the proposed structure(s) is to be located within an anadromous fish use area, will the prospective permittee adhere to the anadromous fish use area time of year restriction (TOYR) prohibiting in-water work from occurring between February 15 through June 30 of any given year if (1) piles are to be installed with a cushioned impact hammer and there is less than 492 feet between the most channelward pile and mean low water (MLW) on the opposite shoreline or (2) piles are to be installed with a vibratory hammer and there is less than 384 feet between the most channelward pile and MLW on the opposite shoreline?
- YES NO (11) Is all work occurring outside of submerged aquatic vegetation (SAV) mapped by the Virginia Institute of Marine Sciences' (VIMS) most recent survey year and 5 year composite?
- YES NO (12) Has the permittee ensured the construction and/or installation of the proposed structure(s) will not affect federally listed threatened or endangered species or designated critical habitat?
- YES NO (13) Will the proposed structure be located outside of Broad Creek in Middlesex County, Fisherman's Cove in Norfolk, or the Salt Ponds in Hampton?
- YES NO (14) Will the proposed structure(s) be located outside of the waterways containing a Federal Navigation Project listed in Permit Specific Condition 12 of 18-RP-17 and/or will all portions of the proposed structure(s) be located more than 85 feet from the Federal Navigation Project?

- YES NO (15) Will the proposed structure(s) be located outside a USACE Navigation and Flood Risk Management project area?
- YES NO (16) Will the proposed structure(s) be located outside of any Designated Trout Waters?
- YES NO N/A (17) If the proposed structure(s) includes flotation units, will the units be made of materials that will not become waterlogged or sink if punctured?
- YES NO N/A (18) If the proposed structure(s) includes flotation units, will the floating sections be braced so they will not rest on the bottom during periods of low water?
- YES NO (19) Is the proposed structure(s) made of suitable materials and practical design so as to reasonably ensure a safe and sound structure?
- YES NO (20) Will the proposed structure(s) be located on the property in accordance with the local zoning requirements?
- YES NO N/A (21) If the proposed structure(s) includes a device used for shellfish gardening, will the device be attached directly to a pier and limited to a total of 160 square feet?
- YES NO N/A (22) If the proposed structure(s) includes a device used for shellfish gardening, does the permittee recognize this RP does not negate their responsibility to obtain an oyster gardening permit (General Permit #3) from Virginia Marina Resources Commission (VMRC)'s Habitat Management Division? Please refer to Appendix D of the Tidewater JPA for more details on VMRC's aquaculture requirements.
- YES NO (23) Does the permittee recognize this RP does not authorize any dredging or filling of waters the United States (including wetlands) and does not imply that future dredging proposals will be approved by the Corps?
- YES NO (24) Does the permittee understand that by accepting 18-RP-17, the permittee accepts all of the terms and conditions of the permit, including the limits of Federal liability contained in the 18-RP-17 enclosure? Does the permittee acknowledge that the structures permitted under 18-RP-17 may be exposed to waves caused by passing vessels and that the permittee is solely responsible for the integrity of the structures permitted under 18-RP-17 and the exposure of such structures and vessels moored to such structures to damage from waves? Does the permittee accept that the United States is not liable in any way for such damage and that it shall not seek to involve the United States in any actions or claims regarding such damage?

IF YOU HAVE ANSWERED "NO" TO ANY OF THE QUESTIONS ABOVE, REGIONAL PERMIT 17 (18-RP-17) DOES NOT APPLY AND YOU ARE REQUIRED TO OBTAIN WRITTEN AUTHORIZATION FROM THE CORPS PRIOR TO PERFORMING THE WORK.

IF YOU HAVE ANSWERED "YES" (OR "N/A", WHERE APPLICABLE) TO ALL OF THE QUESTIONS ABOVE, YOU ARE IN COMPLIANCE WITH REGIONAL PERMIT 17 (18-RP-17). PLEASE SIGN BELOW, ATTACH, AND SUBMIT THIS CHECKLIST WITH YOUR COMPLETED JOINT PERMIT APPLICATION (JPA). THIS SIGNED CERTIFICATE SERVES AS YOUR LETTER OF AUTHORIZATION FROM THE CORPS. YOU WILL NOT RECEIVE ANY OTHER WRITTEN AUTHORIZATION FROM THE CORPS; HOWEVER, YOU MAY NOT PROCEED WITH CONSTRUCTION UNTIL YOU HAVE OBTAINED ALL OTHER NECESSARY STATE AND LOCAL PERMITS.

I CERTIFY THAT I HAVE READ AND UNDERSTAND ALL CONDITIONS OF THE REGIONAL PERMIT 17 (18-RP-17), DATED SEPTEMBER 2018, ISSUED BY THE US ARMY CORPS OF ENGINEERS, NORFOLK DISTRICT REGULATORY BRANCH (CENAO-WRR), NORFOLK, VIRGINIA.

Robert E. Simon, V.P.
Signature of Property Owner(s) or Agent
Date 12/30/2022

Proposed work to be located at:
337 Princess Anne Road
Virginia Beach, VA 23457

Part 3 – Appendices

Please complete and submit the appendix questions applicable to your project, and attach the required vicinity map(s) and drawings to your application. If an item does not apply to your project, please write “N/A” in the space provided.

Appendix A: (TWO PAGES) Projects for Access to the water such as private and community piers, boathouses, marinas, moorings, and boat ramps. Answer all questions that apply.

1. Briefly describe your proposed project.

This project involves the construction of a 16'x30' open sided boathouse with a boatlift.

2. For private, noncommercial piers:

Do you have an existing pier on your property? Yes No

If yes, will it be removed? Yes No

Is your lot platted to the mean low water shoreline? Yes No

What is the overall length of the proposed structure? 30 feet.

Channelward of Mean High Water? 133 feet.

Channelward of Mean Low Water? 123 feet.

What is the area of the piers and platforms that will be constructed over

Tidal non-vegetated wetlands 0 square feet.

Tidal vegetated wetlands 0 square feet.

Submerged lands 480 square feet.

What is the total size of any and all L- or T-head platforms? n/a sq. ft.

For boathouses, what is the overall size of the roof structure? 480 sq. ft.

Will your boathouse have sides? Yes No.

NOTE: All proposals for piers, boathouses and shelter roofs must be reviewed by the Virginia Marine Resources Commission (Commission or VMRC), however, pursuant to § 28.2-1203 A 5 of the Code of Virginia a VMRC permit may not be required for such structures (except as required by subsection D of § 28.2-1205 for piers greater than 100 feet in length involving commercially productive leased oyster or clam grounds), provided that (i) the piers do not extend beyond the navigation line or private pier lines established by the Commission or the United States Army Corps of Engineers (USACE), (ii) the piers do not exceed six feet in width and finger piers do not exceed five feet in width, (iii) any L or T head platforms and appurtenant floating docking platforms do not exceed, in the aggregate, 400 square feet, (iv) if prohibited by local ordinance open-sided shelter roofs or gazebo-type structures shall not be placed on platforms as described in clause (iii), but may be placed on such platforms if not prohibited by local ordinance, and (v) the piers are determined not to be a navigational hazard by the Commission. Subject to any applicable local ordinances, such piers may include an attached boat lift and an open-sided roof designed to shelter a single boat slip or boat lift. In cases in which open-sided roofs designed to shelter a single boat, boat slip or boat lift will exceed 700 square feet in coverage or the open-sided shelter roofs or gazebo structures exceed 400 square feet, and in cases in which an adjoining property owner objects to a proposed roof structure, permits shall be required as provided in § 28.2-1204.

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.**

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:

*The proposed rip rap revetment was previously approved by the Virginia Beach wetlands board on May 17, 2021 and has expired.

The proposed project involves the placement of 380 LF of quarry stone rip rap revetment for erosion prevention. This project will involve 1,520 SF of non-vegetated wetlands to be converted to 1,520 SF of non-vegetated rock habitat.

2. What is the maximum encroachment channelward of mean high water? 4 feet.
Channelward of mean low water? 0 feet.
Channelward of the back edge of the dune or beach? n/a feet.
3. Please calculate the square footage of encroachment over:
 - Vegetated wetlands 0 square feet
 - Non-vegetated wetlands 1520 square feet
 - Subaqueous bottom 0 square feet
 - Dune and/or beach 0 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.

Boathouse: Timber construction

Rip Rap: Quarry stone rip rap, heavy duty filtercloth, upland fill

6. If using stone, broken concrete, etc. for your structure(s), what is the average weight of the:

Core (inner layer) material 25-125 pounds per stone Class size a1

Armor (outer layer) material 25-125 pounds per stone Class size a1

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
_____ cubic yards channelward of mean high water
_____ cubic yards 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>:

**ENGINEER/SURVEYOR'S INSPECTION STATEMENT
FOR
WATERFRONT CONSTRUCTION/COASTAL PRIMARY SAND DUNE PROJECTS**

REVISED 10-09-03

PROJECT LOCATION: 337 Princess Anne Road

APPLICANT'S NAME: Edward Amdahl

APPLICANT'S ADDRESS: 337 Princess Anne Road

Virginia Beach, VA 23457

ENGINEER OF RECORD: Sean Green, P.E.

PROFESSIONAL ENGINEER/ SURVEYOR
CERTIFYING PROJECT

CONSTRUCTION: Boat House, Rip Rap

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 1/14/2023
DATE

Sean Green, P.E.
TYPE OR PRINT NAME OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION

DocuSigned by:

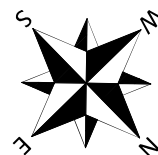
SIGNATURE OF APPLICANT 1/5/2023
DATE

SIGNATURE OF COASTAL ZONE ADMINISTRATOR DATE

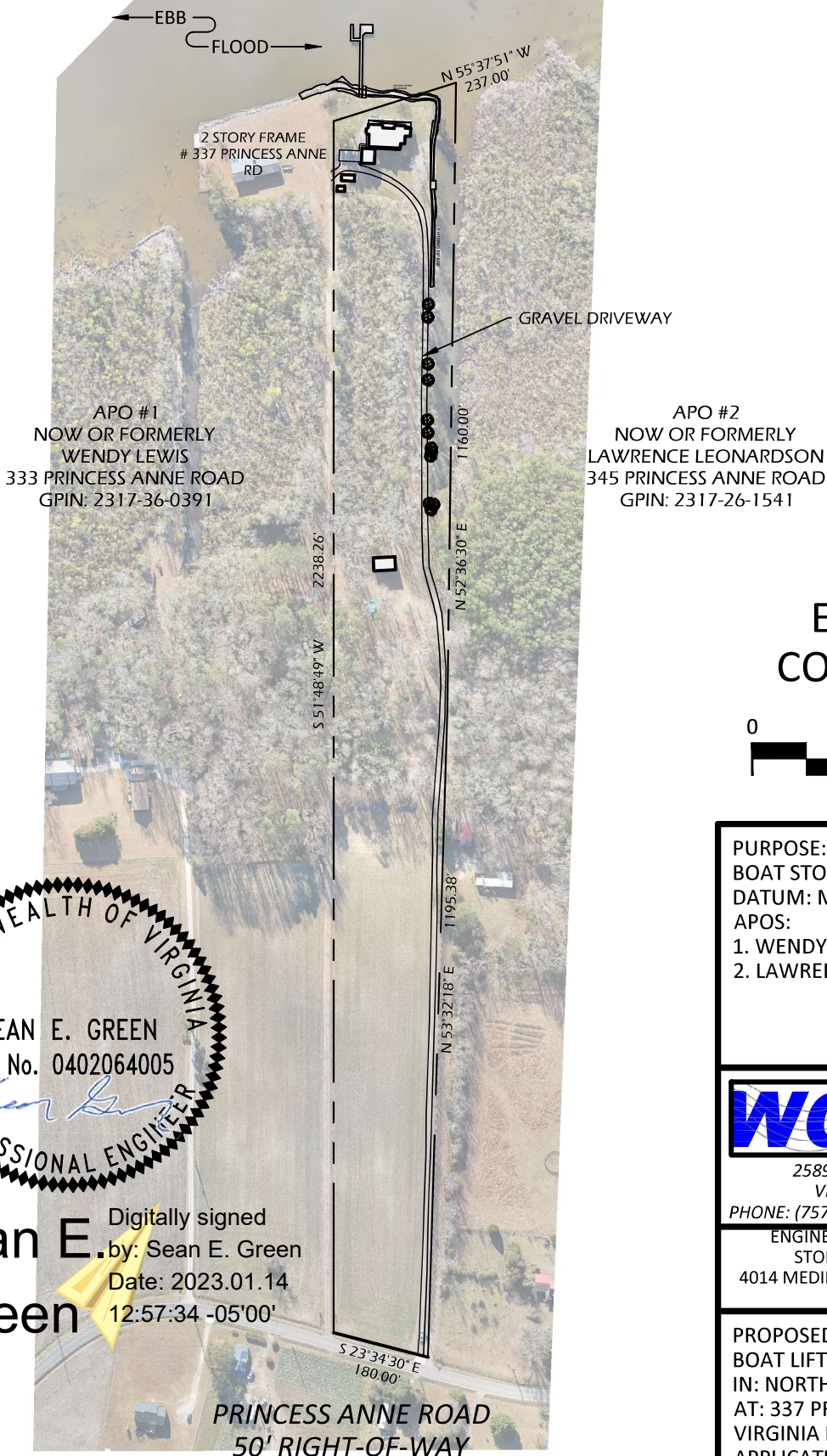
ANY ALTERATION OF THIS FORM OR ITS ENDORSEMENTS WITHOUT THE EXPRESS CONSENT FROM THE ORIGINATOR SHALL INVALIDATE THIS INSTRUMENT.

APPLICATION NO. _____

NORTH LANDING RIVER



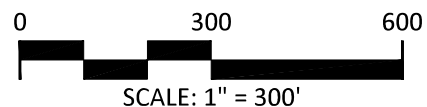
M.B. 102 PG. 38



APO #1
NOW OR FORMERLY
WENDY LEWIS
333 PRINCESS ANNE ROAD
GPIN: 2317-36-0391

APO #2
NOW OR FORMERLY
LAWRENCE LEONARDSON
345 PRINCESS ANNE ROAD
GPIN: 2317-26-1541

EXISTING
CONDITIONS



PURPOSE: EROSION PREVENTION &
BOAT STORAGE
DATUM: MLW = -1.3' NAVD 88
APOS:
1. WENDY LEWIS
2. LAWRENCE LEONARDSON

WCI WATERFRONT
CONSULTING, INC.

2589 QUALITY COURT, SUITE 323
VIRGINIA BEACH, VA 23454
PHONE: (757) 425-8244, MOBILE: (757) 619-7302

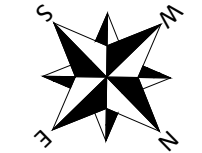
ENGINEERING SERVICES PROVIDED BY:
STONE GREEN CONSULTING, LLC
4014 MEDINA ROAD #1015, AKRON, OH 44333
(330) 883-2117

PROPOSED: RIP RAP, BOAT HOUSE &
BOAT LIFT
IN: NORTH LANDING RIVER
AT: 337 PRINCESS ANNE ROAD
VIRGINIA BEACH, VA 23457
APPLICATION BY: EDWARD AMDAHL

SHEET: 1 OF 10
DATE: DECEMBER 30, 2022



Sean E. Green
Digitally signed
by: Sean E. Green
Date: 2023.01.14
12:57:34 -05'00'



2 STORY FRAME
337 PRINCESS ANNE
RD

EXISTING 10' x 16' WHARF

APO #2
NOW OR FORMERLY
LAWRENCE LEONARDSON
345 PRINCESS ANNE ROAD
GPIN: 2317-26-1541

WETLANDS IMPACTS
NON-VEGETATED = 1,520 SF
TOTAL = 1,520 SF

STAKES IN FIELD MARKING TOE OF
PROPOSED RIP RAP

EXISTING TREES WILL BE REMOVED ONLY IF
NECESSARY FOR RIP RAP INSTALLATION

APO #1
NOW OR FORMERLY
WENDY LEWIS
333 PRINCESS ANNE ROAD
GPIN: 2317-36-0391

GRAVEL DRIVEWAY

TIE INTO EXISTING RIP RAP

STAKE (J) IN FIELD
STAKE (K) IN FIELD

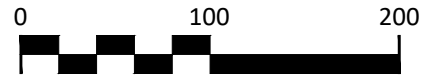
PROPOSED 380' OF QUARRY STONE RIP RAP REVETMENT

STAKE (L) IN FIELD

SITE ACCESS VIA
GRAVEL DRIVEWAY

STAKE (M) IN FIELD

PROPOSED IMPROVEMENTS



SCALE: 1" = 100'

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PURPOSE: EROSION PREVENTION &
BOAT STORAGE
DATUM: MLW = -1.3' NAVD 88
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APPLICATION BY: EDWARD AMDAHL

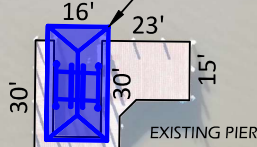
SHEET: 2 OF 10
DATE: DECEMBER 30, 2022

NORTH LANDING RIVER



M.B. 102 PG. 38

PROPOSED 16'x30' BOATHOUSE WITH BOAT LIFT



NO IMPACT TO WETLANDS

SITE ACCESS BY WATER - MATERIALS DELIVERED AND STORED BY BARGE

EXISTING KAYAK LAUNCH

EXISTING RIP RAP REVETMENT

N 55°37'51" W
237.00'

MLW

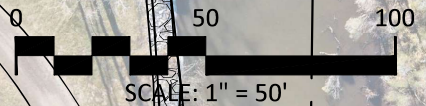
MLW

104'

5'

2 STORY FRAME
337 PRINCESS ANNE
RD

PROPOSED IMPROVEMENTS



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PURPOSE: EROSION PREVENTION & BOAT STORAGE
DATUM: MLW = -1.3' NAVD 88
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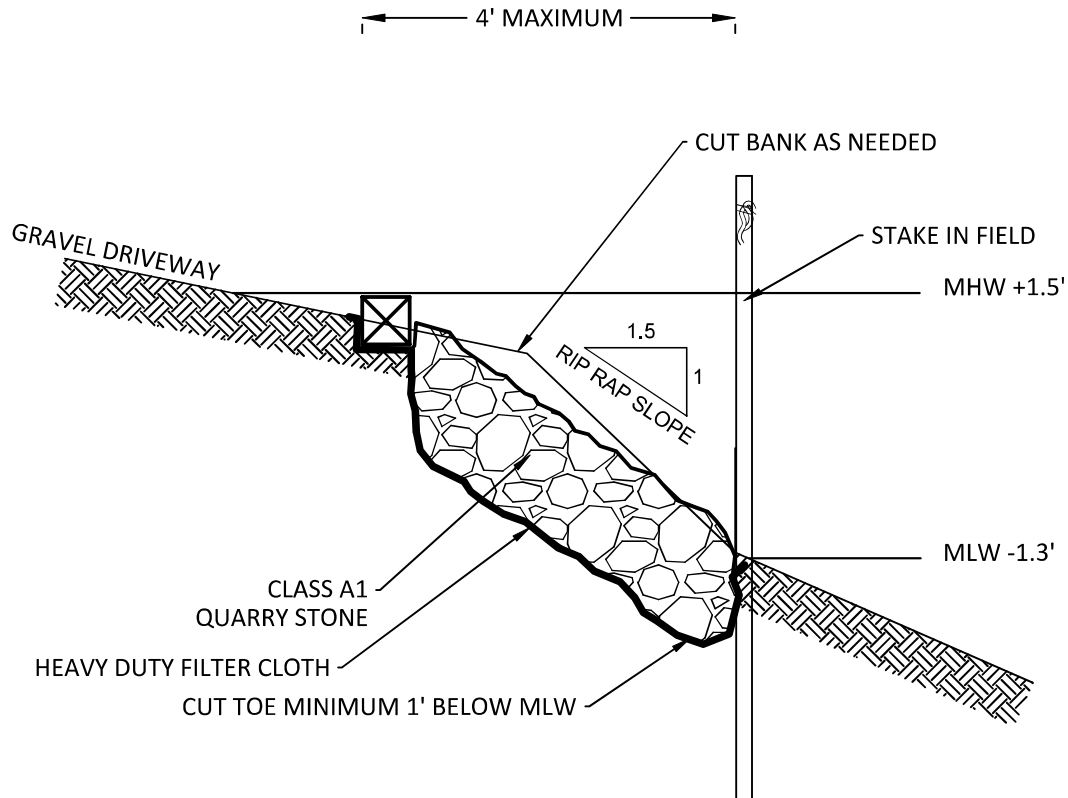
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AT: 337 PRINCESS ANNE ROAD
VIRGINIA BEACH, VA 23457
APPLICATION BY: EDWARD AMDAHL

SHEET: 3 OF 10
DATE: DECEMBER 30, 2022

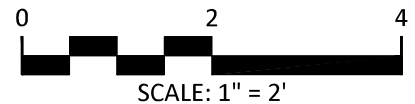
PROPOSED RIPRAP CROSS SECTION EXCEPT BETWEEN STAKES J-K



NOTES:

1. RIPRAP LAYOUT IS BASED ON VISUAL ON SITE INSPECTION.
2. ADDITIONAL STONE MAY BE REQUIRED THAN SHOWN DUE TO SETTLEMENT DURING CONSTRUCTION.
3. DIMENSIONS SHOWN ARE DIMENSIONS UPON COMPLETION OF THE PROJECT AFTER INITIAL CONSTRUCTION SETTLEMENT.

DRAWINGS ARE FOR PERMIT PURPOSES ONLY, AND DO NOT CONSTITUTE FULL DESIGN DRAWINGS. NO SOIL BORINGS HAVE BEEN TAKEN TO CONFIRM SUBSURFACE SOIL CONDITIONS. LAYOUT IS BASED ON VISUAL ON-SITE INSPECTION. ABNORMAL SITE CONDITIONS NOT READILY APPARENT HAVE NOT BEEN TAKEN INTO ACCOUNT, AND MAY REQUIRE MODIFICATIONS TO THE DESIGN. CONTRACTOR SHALL FIELD VERIFY BOTTOM CONDITIONS TO ASSURE THAT FIRM MATERIAL IS IN PLACE. THE ENGINEER IS TO BE NOTIFIED OF ANY ABNORMAL SOIL CONDITIONS.



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PURPOSE: EROSION PREVENTION & BOAT STORAGE
 DATUM: MLW = -1.3' NAVD 88
 APOS:
 1. WENDY LEWIS
 2. LAWRENCE LEONARDSON



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CONSULTING, INC.**

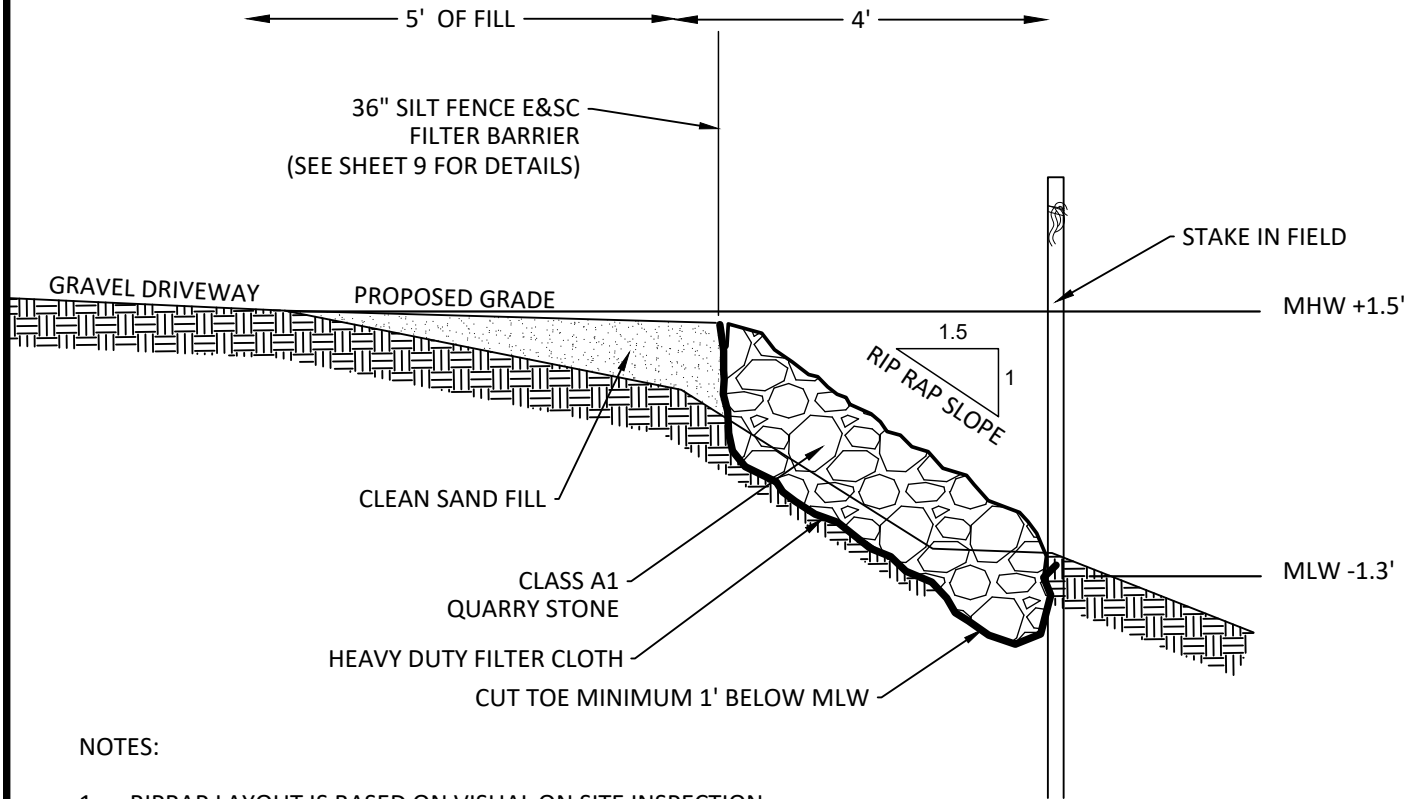
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PROPOSED: RIP RAP, BOAT HOUSE & BOAT LIFT
 IN: NORTH LANDING RIVER
 AT: 337 PRINCESS ANNE ROAD
 VIRGINIA BEACH, VA 23457
 APPLICATION BY: EDWARD AMDAHL

SHEET: 4 OF 10
 DATE: DECEMBER 30, 2022

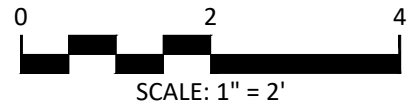
PROPOSED RIPRAP CROSS SECTION J - K



NOTES:

1. RIPRAP LAYOUT IS BASED ON VISUAL ON SITE INSPECTION.
2. ADDITIONAL STONE MAY BE REQUIRED THAN SHOWN DUE TO SETTLEMENT DURING CONSTRUCTION.
3. DIMENSIONS SHOWN ARE DIMENSIONS UPON COMPLETION OF THE PROJECT AFTER INITIAL CONSTRUCTION SETTLEMENT.

DRAWINGS ARE FOR PERMIT PURPOSES ONLY, AND DO NOT CONSTITUTE FULL DESIGN DRAWINGS. NO SOIL BORINGS HAVE BEEN TAKEN TO CONFIRM SUBSURFACE SOIL CONDITIONS. LAYOUT IS BASED ON VISUAL ON-SITE INSPECTION. ABNORMAL SITE CONDITIONS NOT READILY APPARENT HAVE NOT BEEN TAKEN INTO ACCOUNT, AND MAY REQUIRE MODIFICATIONS TO THE DESIGN. CONTRACTOR SHALL FIELD VERIFY BOTTOM CONDITIONS TO ASSURE THAT FIRM MATERIAL IS IN PLACE. THE ENGINEER IS TO BE NOTIFIED OF ANY ABNORMAL SOIL CONDITIONS.



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PURPOSE: EROSION PREVENTION & BOAT STORAGE
 DATUM: MLW = -1.3' NAVD 88
 APOS:
 1. WENDY LEWIS
 2. LAWRENCE LEONARDSON



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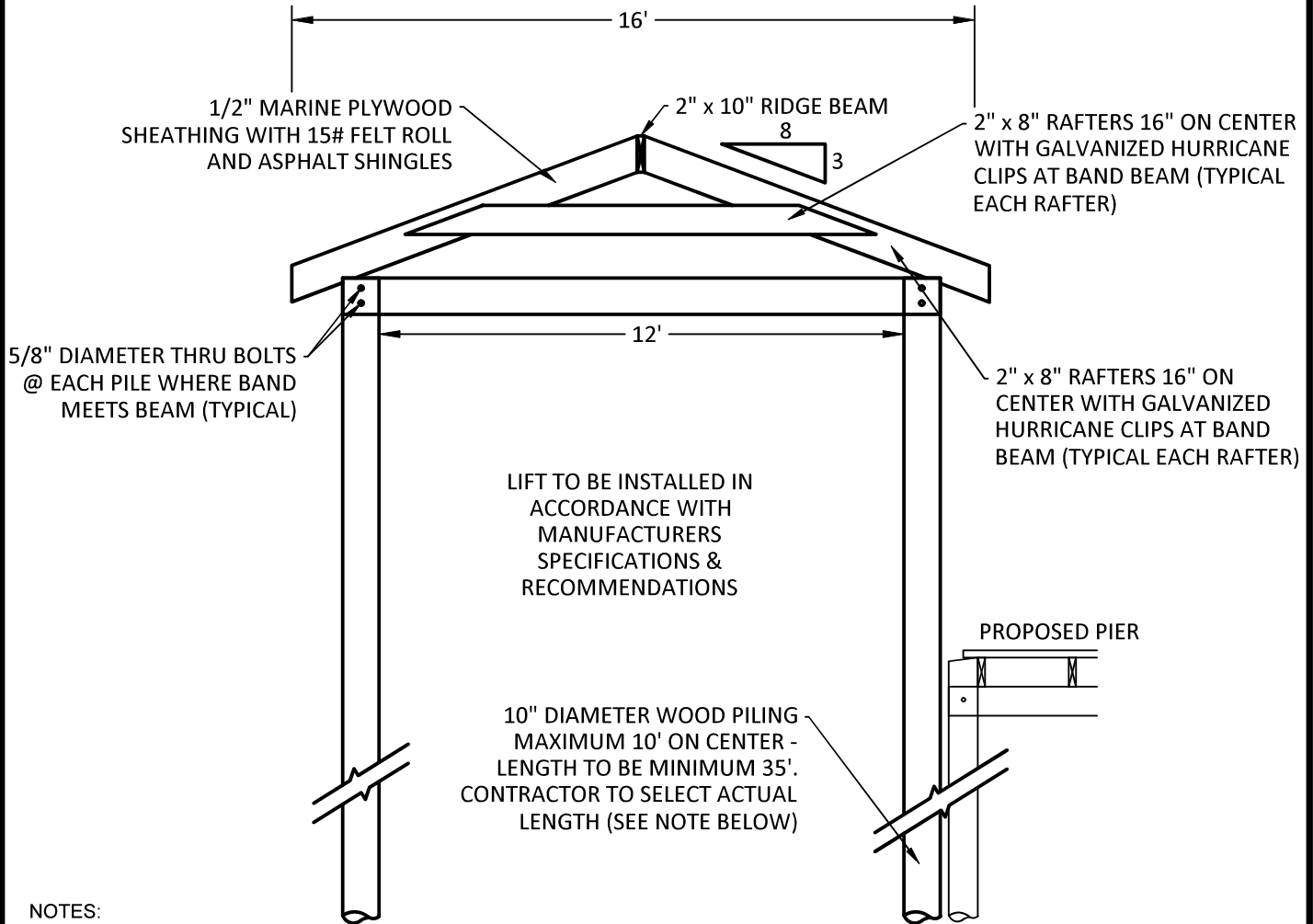
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 AT: 337 PRINCESS ANNE ROAD
 VIRGINIA BEACH, VA 23457
 APPLICATION BY: EDWARD AMDAHL

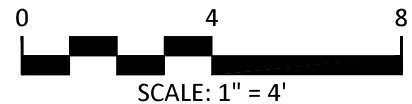
SHEET: 5 OF 10
 DATE: DECEMBER 30, 2022

PROPOSED BOATHOUSE CROSS SECTION



NOTES:

1. ALL TIMBER MATERIAL FOR USE IN THIS MARINE ENVIRONMENT SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH THE AWPA.
2. ALL HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-153.
3. DRAWINGS ARE FOR PERMIT PURPOSES ONLY, AND DO NOT CONSTITUTE FULL DESIGN DRAWINGS.
4. NO HYDROGRAPHIC SURVEYS OR SOIL BORINGS HAVE BEEN TAKEN TO DETERMINE DEPTH OF WATER AND SUBSURFACE SOIL CONDITIONS (FOR PILE LENGTH DETERMINATION). PILE LAYOUT IS BASED ON VISUAL ON-SITE INSPECTION. ABNORMAL SOIL CONDITIONS NOT READILY APPARENT HAVE NOT BEEN TAKEN INTO ACCOUNT, AND MAY REQUIRE MODIFICATIONS TO THE MINIMUM PILE LENGTHS SHOWN.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY DEPTH OF WATER AND SUBSURFACE CONDITIONS AND TO SELECT PILE LENGTHS ADEQUATE FOR THE STRUCTURE.



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PURPOSE: EROSION PREVENTION & BOAT STORAGE
 DATUM: MLW = -1.3' NAVD 88
 APOS:
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 2. LAWRENCE LEONARDSON

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 APPLICATION BY: EDWARD AMDAHL

SHEET: 6 OF 10
 DATE: DECEMBER 30, 2022

NLAA COMPLIANCE

ITEM	8" PILE	10" PILE	12" PILE		
BOATHOUSE		8			
BOAT LIFT		4			

ALL PILES TO BE TIMBER, DRIVEN WITH EXCAVATOR MOUNTED VIBRATORY HAMMER

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PURPOSE: EROSION PREVENTION &
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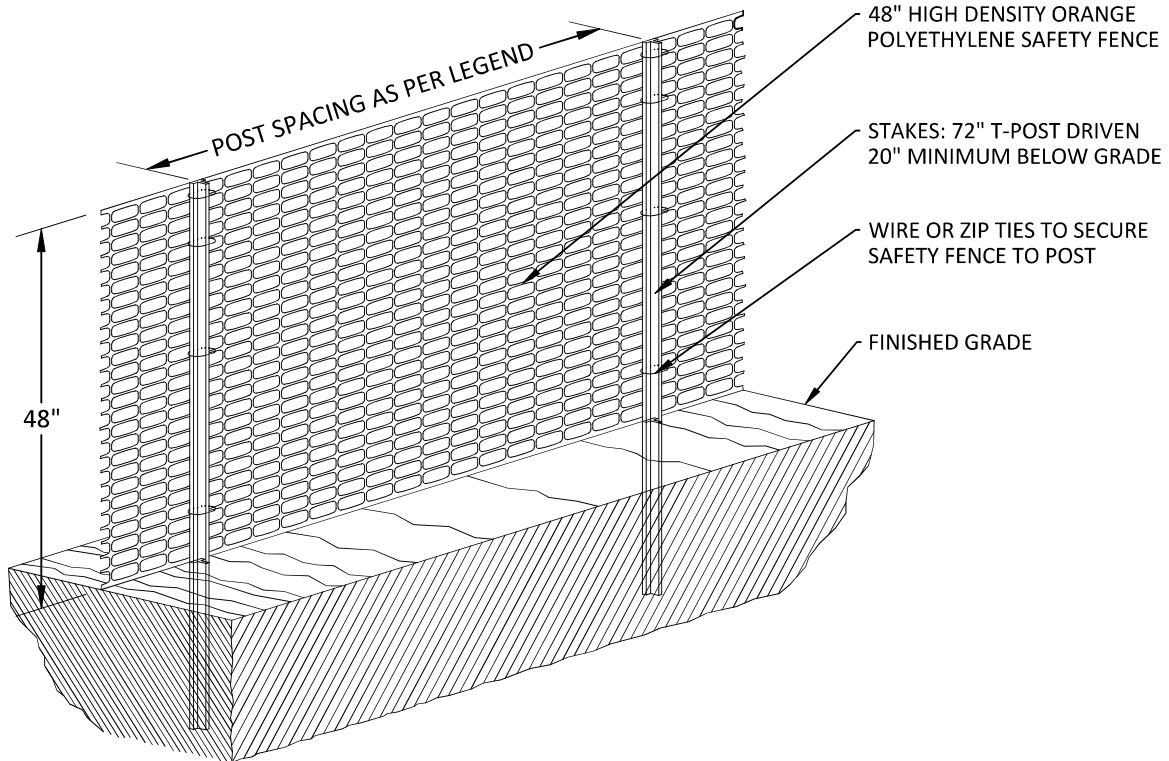
ENGINEERING SERVICES PROVIDED BY:
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PROPOSED: RIP RAP, BOAT HOUSE &
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IN: NORTH LANDING RIVER
AT: 337 PRINCESS ANNE ROAD
VIRGINIA BEACH, VA 23457
APPLICATION BY: EDWARD AMDAHL

SHEET: 7 OF 10
DATE: DECEMBER 30, 2022

48" ORANGE SAFETY FENCE, 72" T-POSTS SENSITIVE AREA / TREE PROTECTION

LEGEND	
SAF12	48" ORANGE FENCE, 12 FEET ON CENTER
SAF11	48" ORANGE FENCE, 11 FEET ON CENTER
SAF10	48" ORANGE FENCE, 10 FEET ON CENTER
SAF9	48" ORANGE FENCE, 9 FEET ON CENTER
SAF8	48" ORANGE FENCE, 8 FEET ON CENTER
SAF7	48" ORANGE FENCE, 7 FEET ON CENTER
SAF6	48" ORANGE FENCE, 6 FEET ON CENTER



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PURPOSE: EROSION PREVENTION &
BOAT STORAGE
DATUM: MLW = -1.3' NAVD 88
APOS:
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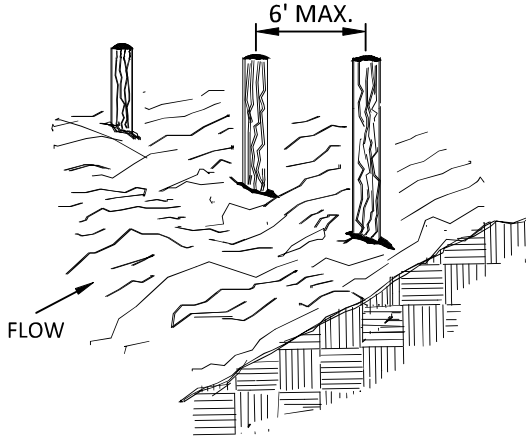
ENGINEERING SERVICES PROVIDED BY:
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(330) 883-2117

PROPOSED: RIP RAP, BOAT HOUSE &
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VIRGINIA BEACH, VA 23457
APPLICATION BY: EDWARD AMDAHL

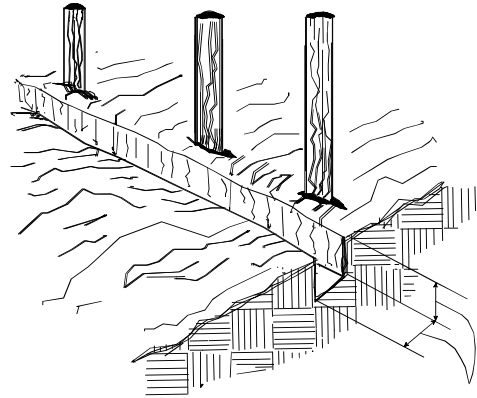
SHEET: 8 OF 10
DATE: DECEMBER 30, 2022

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)

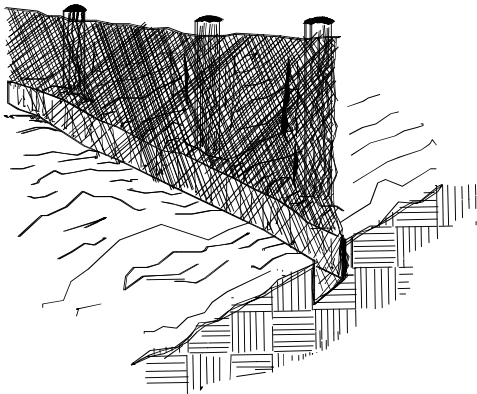
1. SET THE STAKES



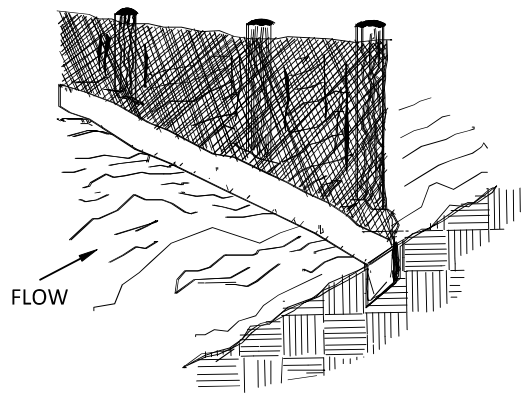
2. EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF STAKES



3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH



4. BACKFILL AND COMPACT THE EXCAVATED SOIL



SHEET FLOW INSTALLATION (PERSPECTIVE VIEW)

SOURCE: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, VA. DSWC Sherwood and Wyant PLATE 3.05-2

© 2022 WATERFRONT CONSULTING, INC. ALL RIGHTS RESERVED

PURPOSE: EROSION PREVENTION & BOAT STORAGE
 DATUM: MLW = -1.3' NAVD 88
 APOS:
 1. WENDY LEWIS
 2. LAWRENCE LEONARDSON



WATERFRONT CONSULTING, INC.

2589 QUALITY COURT, SUITE 323
 VIRGINIA BEACH, VA 23454
 PHONE: (757) 425-8244, MOBILE: (757) 619-7302

ENGINEERING SERVICES PROVIDED BY:
 STONE GREEN CONSULTING, LLC
 4014 MEDINA ROAD #1015, AKRON, OH 44333
 (330) 883-2117

PROPOSED: RIP RAP, BOAT HOUSE & BOAT LIFT
 IN: NORTH LANDING RIVER
 AT: 337 PRINCESS ANNE ROAD
 VIRGINIA BEACH, VA 23457
 APPLICATION BY: EDWARD AMDAHL

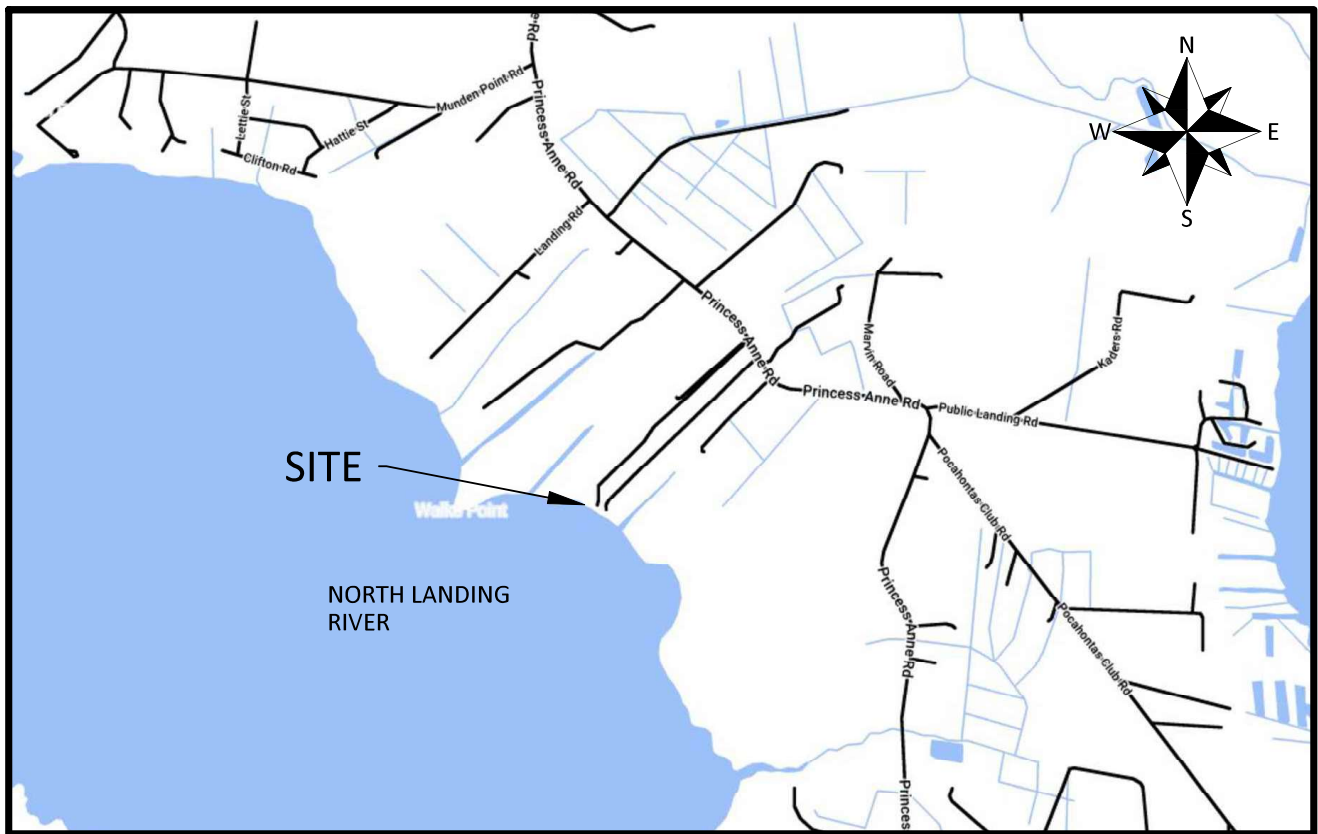
SHEET: 9 OF 10
 DATE: DECEMBER 30, 2022

SITE INFORMATION

LEGAL DESCRIPTION: MORSES POINT 10.80 ACRES
 REFERENCE: MAP BOOK 102, PAGE(S) 38, ON FILE AT THE CLERK'S OFFICE, VIRGINIA BEACH, VA
 GPIN: 2317-36-0693
 ZONING: AG1

SEQUENCE OF EVENTS

1. OBTAIN ALL NECESSARY PERMITS.
2. SCHEDULE ON-SITE PRE-CONSTRUCTION MEETING WITH COASTAL ZONE INSPECTOR.
3. MOBILIZE EQUIPMENT TO SITE, MARK ACCESS WAY WITH SAFETY FENCE.
4. CONSTRUCT IMPROVEMENTS.
5. DEMOBILIZE EQUIPMENT FROM SITE WHILE ADDING TOP SOIL AND SEED TO ALL AREAS DENUDED / DAMAGED BY CONSTRUCTION OPERATIONS.



VICINITY MAP

SCALE: 1" = 1,000'

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PURPOSE: EROSION PREVENTION & BOAT STORAGE
 DATUM: MLW = -1.3' NAVD 88
 APOS:
 1. WENDY LEWIS
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 APPLICATION BY: EDWARD AMDAHL

SHEET: 10 OF 10
 DATE: DECEMBER 30, 2022



WATERFRONT CONSULTING, INC.
“Specializing in Permit Processing”

12/30/2022

Wendy Lewis
2016 Kittridge Drive
Virginia Beach, VA 23456

**RE: Proposed Boat House, Rip Rap
Located at 337 Princess Anne Road**

Dear Wendy Lewis

This letter is to notify you that your neighbor(s), Edward Amdahl have submitted a Joint Permit Application for waterfront improvements as shown on the enclosed drawings. Please review the drawings and should you have any questions or concerns, please do not hesitate to call.

If you do not object to the project or have no comment, we would ask that you return the enclosed Adjacent Property Owners Acknowledgement form via email to bob@waterfrontconsulting.net or the USPS to Waterfront Consulting, Inc.

If you object to the project, you may still return the Adjacent Property Owners Acknowledgement form to Waterfront Consulting, Inc. or by USPS to:

Virginia Marine Resources Commission
Habitat Management Division
380 Fenwick Road, Bldg. 96
Fort Monroe, VA 23651

We thank you in advance for your timely response and please feel free to call me with any questions. If we do not receive a response within 15 days from the date of this letter, it will be assumed that you have no objection to the project.

Kind Regards,

Robert E. Simon

Robert E. Simon, Vice President

CC: Edward Amdahl , Applicant

Office: (757) 425-8244
2589 Quality Court, Ste. 323

Mobile: (757) 619-7302

bob@waterfrontconsulting.net
Virginia Beach, VA 23454

Received by VMRC January 18, 2023 /blh

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER’S ACKNOWLEDGEMENT FORM

I (we), Wendy Lewis, own land next to (across the water
(Print adjacent/nearby property owner’s name)

from/on the same cove as) the land of Edward Amdahl.
(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.



WATERFRONT CONSULTING, INC.
“Specializing in Permit Processing”

12/30/2022

Lawrence Leonardson
345 Princess Anne Road
Virginia Beach, VA 23457

**RE: Proposed Boat House, Rip Rap
Located at 337 Princess Anne Road**

Dear Lawrence Leonardson

This letter is to notify you that your neighbor(s), Edward Amdahl have submitted a Joint Permit Application for waterfront improvements as shown on the enclosed drawings. Please review the drawings and should you have any questions or concerns, please do not hesitate to call.

If you do not object to the project or have no comment, we would ask that you return the enclosed Adjacent Property Owners Acknowledgement form via email to bob@waterfrontconsulting.net or the USPS to Waterfront Consulting, Inc.

If you object to the project, you may still return the Adjacent Property Owners Acknowledgement form to Waterfront Consulting, Inc. or by USPS to:

Virginia Marine Resources Commission
Habitat Management Division
380 Fenwick Road, Bldg. 96
Fort Monroe, VA 23651

We thank you in advance for your timely response and please feel free to call me with any questions. If we do not receive a response within 15 days from the date of this letter, it will be assumed that you have no objection to the project.

Kind Regards,

Robert E. Simon

Robert E. Simon, Vice President

CC: Edward Amdahl , Applicant

Office: (757) 425-8244
2589 Quality Court, Ste. 323

Mobile: (757) 619-7302

bob@waterfrontconsulting.net
Virginia Beach, VA 23454

Received by VMRC January 18, 2023 /blh

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER’S ACKNOWLEDGEMENT FORM

I (we), Lawrence Leonardson, own land next to (across the water
(Print adjacent/nearby property owner’s name)

from/on the same cove as) the land of Edward Amdahl.
(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.

AGREEMENT IN LIEU OF A STORMWATER MANAGEMENT PLAN FOR SINGLE FAMILY RESIDENTIAL DEVELOPMENT

Building permit #: _____ DSC Plan # : _____

Location: 337 Princess Anne Road GPIN: 2317-36-0693

Watershed: North Landing River HUC: 0301020512

In lieu of providing a detailed Stormwater Management Plan, designed and sealed by a licensed professional, the undersigned agrees to comply with all applicable provisions of Appendix D, Stormwater Management Ordinance of the City Code of the City of Virginia Beach and the Virginia Stormwater Management Regulations. The undersigned also agrees to comply with all additional requirements deemed necessary by the Department of Planning, based upon established stormwater management practices to provide adequate treatment and control of stormwater runoff resulting from this development.

The undersigned intends to use the following Stormwater Management Controls, and install them pursuant to the DEQ BMP Clearinghouse website:

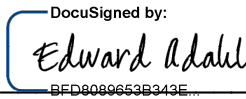
Select all that apply	Stormwater Management Control	Estimated installation date	Responsible party
	Post-development Stormwater Management controls provided by a Larger Common Plan of Development or Sale	NA	Common Plan Construction Activity Operator
	Rooftop Disconnection		Construction Activity Operator
	Sheetflow to Vegetated Filter (1 or 2)		Construction Activity Operator
	Grass Channel		Construction Activity Operator
	Rainwater harvesting		Construction Activity Operator
	Permeable Paving (1 or 2)		Construction Activity Operator

Select all that apply	Stormwater Management Controls	Estimated Installation Date	Responsible Party
	Infiltration (1 or 2)		Construction Activity Operator
	Bioretention (1 or 2)		Construction Activity Operator
X	Others (describe) Restore impacted buffer to preconstruction condition or enhance per plan.		Construction Activity Operator

The undersigned further understand that such control measures must not be removed or altered, and must be properly maintained in order to operate as they were constructed. In addition, they must be inspected by the owner of the property, or their agent, annually.

The undersigned understand that failure to comply with the requirements of Appendix D, Stormwater Management, and the construction and maintenance of the stormwater controls listed above may result in enforcement proceedings under Section 1-32 of the Stormwater Management Ordinance.

The undersigned owner hereby grants the City of Virginia Beach the right to enter the subject property periodically for inspections to ensure compliance with the Stormwater Management Ordinance.

Signature of Owner:  Print Name: Edward Amdahl

Signature of Permittee: _____ Print Name: _____

Date: 1/5/2023

2. 2023-WTRA-00033

H. Alex and Jacqueline H. Jones

[Applicants & Owners]

1833 Green Hill Road

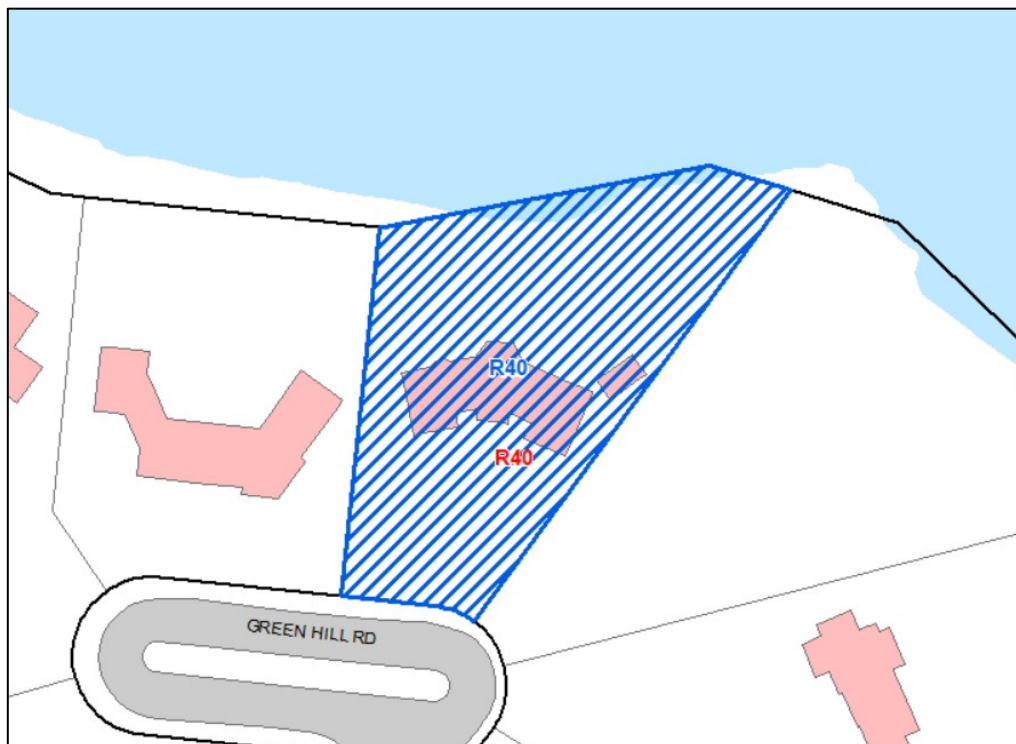
GPIN 1499-86-6463

City Council District: District 8, formerly Lynnhaven

Waterway – Broad Bay

Subdivision – Green Hill Farm

Request: To construct a rip rap revetment involving wetlands.



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 H. Alex Jones & Jacqueline H. Jones

Does the applicant have a representative? Yes No

- If **yes**, list the name of the representative.

Gallup Surveyors — Dave Butler / Billy Garrington

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-subsidary¹ or affiliated business entity² relationship with the applicant. (Attach a list if necessary)

¹ "Parent-subsidary 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.

² "Affiliated business entity relationship" means "a relationship, other than parent-subsidary 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.

Disclosure Statement



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

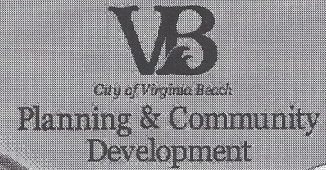
- If **yes**, identify the firm and individual providing the service.

Gallup Surveyors — Dave Butler

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



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.

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.

Gallup Surveyors — Dave Butler / Billy Garrington

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.**



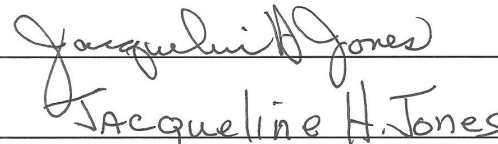
Applicant Signature

H. Alex Jones

Print Name and Title

5-25-21

Date



Applicant Signature

Jacqueline H. Jones

Print Name and Title

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

- ❖ DEQ: Permit application fees required for Virginia Water Protection permits – while detailed in 9VAC25-20 – are conveyed to the applicant by the applicable DEQ office (<http://www.deq.virginia.gov/Locations.aspx>). Complete the Permit Application Fee Form and submit it per the instructions to the address listed on the form. Instructions for submitting any other fees will be provided to the applicant by DEQ staff.
- ❖ VMRC: An application fee of \$300 may be required for projects impacting tidal wetlands, beaches and/or dunes when VMRC acts as the LWB. VMRC will notify the applicant in writing if the fee is required. Permit fees involving subaqueous lands are \$25.00 for projects costing \$10,000 or less and \$100 for projects costing more than \$10,000. Royalties may also be required for some projects. The proper permit fee and any required royalty is paid at the time of permit issuance by VMRC. VMRC staff will send the permittee a letter notifying him/her of the proper permit fees and submittal requirements.
- ❖ LWB: Permit fees vary by locality. Contact the LWB for your project area or their website for fee information and submittal requirements. Contact information for LWBs may be found at http://ccrm.vims.edu/permits_web/guidance/local_wetlands_boards.html.

FOR AGENCY USE ONLY	
	Notes:
	JPA # 23-0251

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>Check all that apply</i>				
Pre-Construction Notification (PCN) <input type="checkbox"/>	Regional Permit 17 (RP-17) <input type="checkbox"/>			
NWP # _____ <i>(For Nationwide Permits ONLY - No DEQ- VWP permit writer will be assigned)</i>				
County or City in which the project is located: Virginia Beach				
Waterway at project site: Canal from Lynnhaven River				
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)				
Historical information for past permit submittals can be found online with VMRC - https://webapps.mrc.virginia.gov/public/habitat/ - or VIMS - http://ccrm.vims.edu/perms/newpermits.html				
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:
- | | |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Alex and Jacqueline Jones
1833 Green Hill Road
Virginia Beach, VA 23454 | Home () _____
Work (757) 620-1985
Fax () _____
Cell () _____
e-mail vareel@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): Contact Information:
- | | |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| David R. Butler
323 First Colonial Road
Virginia Beach, VA 23454
Email: DAVE@GALLUPSURVEYORS.COM | Home () _____
Work (757) 428-8132
Fax (757) 425-2390
Cell () _____
e-mail dave@gallupsurveyors.c |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
- State Corporation Commission Name and ID Number (if applicable) _____

* 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.

Install rip rap in front of an existing timber bulkhead. Work to be performed by barge. Replace existing pier and lift in same footprint. 64-8" diameter piles will be used for the pier and 8-12" diameter piles will be used for the lifts. All piles to be installed via vibratory hammer.

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:

Virginian Pilot
 150 W. Brambleton Avenue
 Norfolk, VA 23510

Telephone number

(757) 622-1455 _____

7. Give the following project location information:

Street Address (911 address if available) 1833 Green Hill Road

Lot/Block/Parcel# Lot 3

Subdivision Green Hill Farm

City / County Virginia Beach

ZIP Code 23454

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

36-54-00.13 / -76-03-07.67 (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.*

N/A

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."

Primary purpose is to halt potential erosion from the old bulkhead. Secondary purpose is to provide water access.

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.*
- See separate attachment
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.): \$ 121,000
Approximate cost of that portion of the project that is channelward of mean low water:
\$115,000
13. Completion date of the proposed work: December 30, 2023
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.

1. Bernice T. Damuth
1837 Green Hill Road
Virginia Beach, VA 23454

 2. Matthew A. Ellmer
Marie A. Ellmer
4908 Athens Boulevard
Virginia Beach, VA 23454

Item 10, page 8 of the Joint Permit Application

No clearing. Minimal construction footprint defined by safety fence. 257 sq. ft. of vegetated wetlands will be lost to construction. 764 sq. ft. of non-vegetated wetlands will be converted to rock habitat. This section of Broad Bay has a fetch from due north of approximately 1,700 feet (0.32 miles) and approximately 6,300 feet (1.19 miles) from the northeast. The applicant indicated that there is little to no exposed sand along the entire frontage of his bulkhead in some years, and other years there is exposed sand and little to no vegetation. Boat traffic and wind causes wave action making the substrate unstable and not a good candidate for a living shoreline. One of the requirements for a type II living shoreline permit is to set the top of the revetment no higher than 12" above mean high water. Wave action during higher tides will easily overtop a revetment compromising the vegetative portion of the type II living shoreline. Currently, there is a sheet pile bulkhead and installing rip rap will provide a habit for marine life.

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.

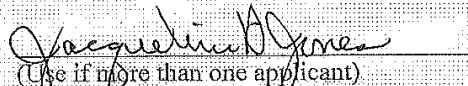
H. Alex Jones

Jacqueline H. Jones

Applicant's Legal Name (printed/typed)

(Use if more than one applicant)


Applicant's Signature


(Use if more than one applicant)

5-25-21
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), Alex & Jacqueline Jones, hereby certify that I (we) have authorized Billy Garrington
(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.

Billy Garrington
(Agent's Signature)

(Use if more than one agent)

5/24/21
(Date)

Alex Jones
(Applicant's Signature)

Jacqueline Jones
(Use if more than one applicant)

5/25/21
(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 3 – Appendices

Please complete and submit the appendix questions applicable to your project, and attach the required vicinity map(s) and drawings to your application. If an item does not apply to your project, please write “N/A” in the space provided.

Appendix A: Projects for Access to the water such as private and community piers, boathouses, marinas, moorings, and boat ramps. Answer all questions that apply.

1. **Briefly describe your proposed project.**

Replace an existing pier and boat lift

2. **For private, noncommercial piers:**

Do you have an existing pier on your property? Yes No

If yes, will it be removed? Yes No

Is your lot platted to the mean low water shoreline? Yes No

What is the overall length of the proposed structure? 118 feet.

Channelward of Mean High Water? 121 feet.

Channelward of Mean Low Water? 114 feet.

What is the area of the piers and platforms that will be constructed over

Tidal non-vegetated wetlands 45 square feet.

Tidal vegetated wetlands 0 square feet.

Submerged lands 1,089 square feet.

What is the total size of any and all L- or T-head platforms? 220 sq. ft.

For boathouses, what is the overall size of the roof structure? n/a sq. ft.

Will your boathouse have sides? Yes No.

NOTE: All proposals for piers, boathouses and shelter roofs must be reviewed by the Virginia Marine Resources Commission (Commission or VMRC), however, pursuant to § 28.2-1203 A 5 of the Code of Virginia a VMRC permit may not be required for such structures (except as required by subsection D of § 28.2-1205 for piers greater than 100 feet in length involving commercially productive leased oyster or clam grounds), provided that (i) the piers do not extend beyond the navigation line or private pier lines established by the Commission or the United States Army Corps of Engineers (USACE), (ii) the piers do not exceed six feet in width and finger piers do not exceed five feet in width, (iii) any L or T head platforms and appurtenant floating docking platforms do not exceed, in the aggregate, 400 square feet, (iv) if prohibited by local ordinance open-sided shelter roofs or gazebo-type structures shall not be placed on platforms as described in clause (iii), but may be placed on such platforms if not prohibited by local ordinance, and (v) the piers are determined not to be a navigational hazard by the Commission. Subject to any applicable local ordinances, such piers may include an attached boat lift and an open-sided roof designed to shelter a single boat slip or boat lift. In cases in which open-sided roofs designed to shelter a single boat, boat slip or boat lift will exceed 700 square feet in coverage or the open-sided shelter roofs or gazebo structures exceed 400 square feet, and in cases in which an adjoining property owner objects to a proposed roof structure, permits shall be required as provided in § 28.2-1204.

Part 3 – Appendices (continued)

3. **For USACE permits**, in cases where the proposed pier will encroach beyond one fourth the waterway width (as determined by measuring mean high water to mean high water or ordinary high water mark to ordinary high water mark), the following information must be included before the application will be considered complete. For an application to be considered complete:
 - a. The USACE MAY require depth soundings across the waterway at increments designated by the USACE project manager. Typically 10-foot increments for waterways less than 200 feet wide and 20-foot increments for waterways greater than 200 feet wide with the date and time the measurements were taken and how they were taken (e.g., tape, range finder, etc.).
 - b. The applicant MUST provide a justification as to purpose if the proposed work would extend a pier greater than one-fourth of the distance across the open water measured from mean high water or the channelward edge of the wetlands.
 - c. The applicant MUST provide justification if the proposed work would involve the construction of a pier greater than five feet wide or less than four feet above any wetland substrate.
4. Provide the type, size, and registration number of the vessel(s) to be moored at the pier or mooring buoy.

Type	Length	Width	Draft	Registration #
Not yet purchased				

5. For **Marinas, Commercial Piers, Governmental Piers, Community Piers and other non-private piers**, provide the following information:
 - A) Have you obtained approval for sanitary facilities from the Virginia Department of Health? _____ (required pursuant to Section 28.2-1205 C of the Code of Virginia).
 - B) Will petroleum products or other hazardous materials be stored or handled at your facility? _____.
 - C) Will the facility be equipped to off-load sewage from boats? _____.
 - D) How many wet slips are proposed? _____. How many are existing? _____.
 - E) What is the area of the piers and platforms that will be constructed over
 - Tidal non-vegetated wetlands _____ square feet
 - Tidal vegetated wetlands _____ square feet
 - Submerged lands _____ square feet

6. For **boat ramps**, what is the overall length of the structure? _____ feet.
 - From Mean High Water? _____ feet.
 - From Mean Low Water? _____ feet.

Note: drawings must include the construction materials, method of installation, and all dimensions. If tending piers are proposed, complete the pier portion.

Note: If dredging or excavation is required, you must complete the Standard Joint Point Permit application.

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.**

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:

Install rip rap in front of an existing timber bulkhead. The existing bulkhead is to remain. The length of the revetment will be 250.5 L.F. The total volume of rock will be 358 cubic yards.

Impacts: Vegetated = 257 sq. ft or 0.0059 acres
Non vegetated = 764 sq. ft or 0.0175 acres
Subaqueous = 766 sq. ft. or 0.0176 acres

the volume of rock below mean high water is approximately 122 cubic yards.

2. What is the maximum encroachment channelward of mean high water? 10 feet.
Channelward of mean low water? 2 feet.
Channelward of the back edge of the dune or beach? feet.
3. Please calculate the square footage of encroachment over:
 - Vegetated wetlands 257 square feet
 - Non-vegetated wetlands 764 square feet
 - Subaqueous bottom 766 square feet
 - Dune and/or beach n/a 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? x Yes No.

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

7

ENGINEER/SURVEYOR'S INSPECTION STATEMENT
FOR
WATERFRONT CONSTRUCTION/COASTAL PRIMARY SAND DUNE PROJECTS

REVISED 10-09-03

PROJECT LOCATION: 1833 Green Hill Road

APPLICANT'S NAME: ALEX & JACQUELINE TOLES

APPLICANT'S ADDRESS: 1833 Green Hill Road
Virginia Beach, VA 23454

ENGINEER OF RECORD: DAVID R. BUTLER, P.E.

PROFESSIONAL ENGINEER/SURVEYOR
CERTIFYING PROJECT
CONSTRUCTION: DAVID R. BUTLER, 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.

David R. Butler 5.17.21
SIGNATURE OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION DATE

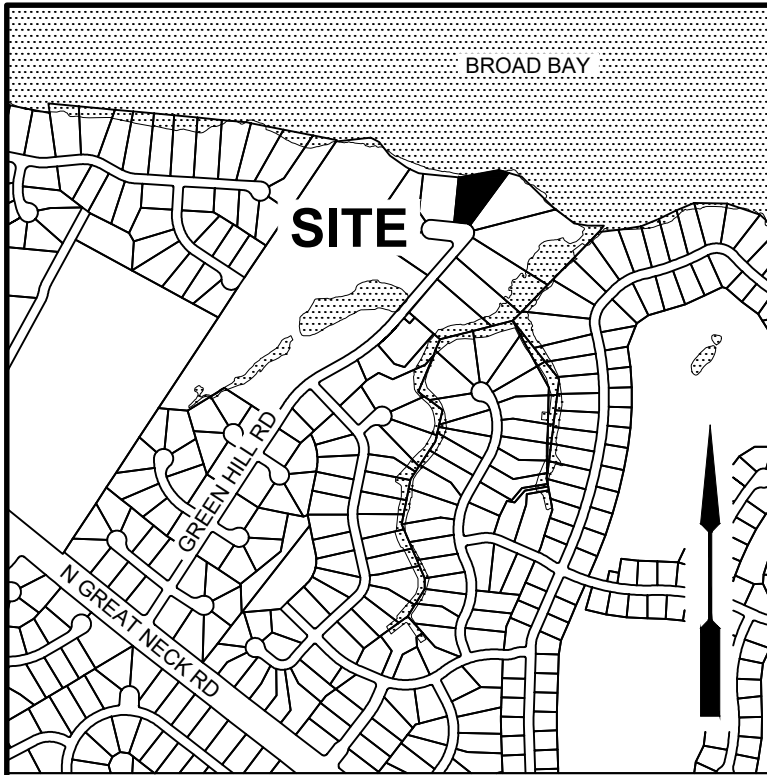
DAVID R. BUTLER, P.E.
TYPE OR PRINT NAME OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION

X [Signature] 5-25-21
SIGNATURE OF APPLICANT DATE

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. _____



LOCATION MAP

SCALE: 1"=1000'

SITE DATA

1. **SITE ADDRESS:** 1833 GREEN HILL ROAD
VIRGINIA BEACH, VA. 23454
2. **LEGAL:** LOT 3, PLAT OF GREEN HILL FARM
M.B. 93, PG. 9
3. **GPIN:** 1499-86-6463
4. **VERTICAL DATUM:** NAVD 88
5. **ZONED:** R40 (RESIDENTIAL LOW DENSITY)
6. THE PHYSICAL FEATURES SHOWN WERE OBTAINED FROM A TOPOGRAPHIC SURVEY PREPARED BY COMPASS & CHAIN DATED FEBRUARY 18, 2021 AND FROM A PHYSICAL SURVEY PREPARED BY WARD M. HOLMES DATED MAY 20, 1993.
7. **ELEV. OF MLW (NAVD 88):** -0.8
ELEV. OF MHW (NAVD 88): 0.6
8. THIS PLAN WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY NOT SHOW ANY AND/OR ALL EASEMENTS OR RESTRICTIONS THAT MAY EFFECT SAID PROPERTY AS SHOWN.
9. 5' UTILITIES & DRAINAGE EASEMENT ALONG ALL SIDES AND REAR PER M.B. 93, PG. 9.
10. ALL CONSTRUCTION TO BE PERFORMED FROM THE LANDWARD SIDE (WITH OWNERS CONSENT) AND FROM THE SEAWARD SIDE VIA BARGE.



OWNER/DEVELOPER
 H. ALEX & JACQUELINE H. JONES
 1833 GREEN HILL ROAD
 VIRGINIA BEACH, VA. 23454
 PHONE: (757) 620-1985
 EMAIL: vareel@cox.net

IMPACTS: (SQ. FT.)
 VEGETATED WETLANDS: 257
 NON-VEGETATED: 764
 SUBAQUEOUS: 766

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	ADJACENT OWNERS MAP
3	EXISTING CONDITIONS
4	OVERALL PLAN
5	ENLARGEMENT PLAN
6	RIP-RAP PLAN
7-11	PIER PROFILE
12-14	PIER PLAN
15-16	PIER SECTION
17	PIER DETAILS
18	BOAT LIFT DETAIL
19	RIP-RAP SECTION POINTS 1-4
20	RIP-RAP SECTION POINTS 5-11
21	NOTES AND DETAILS

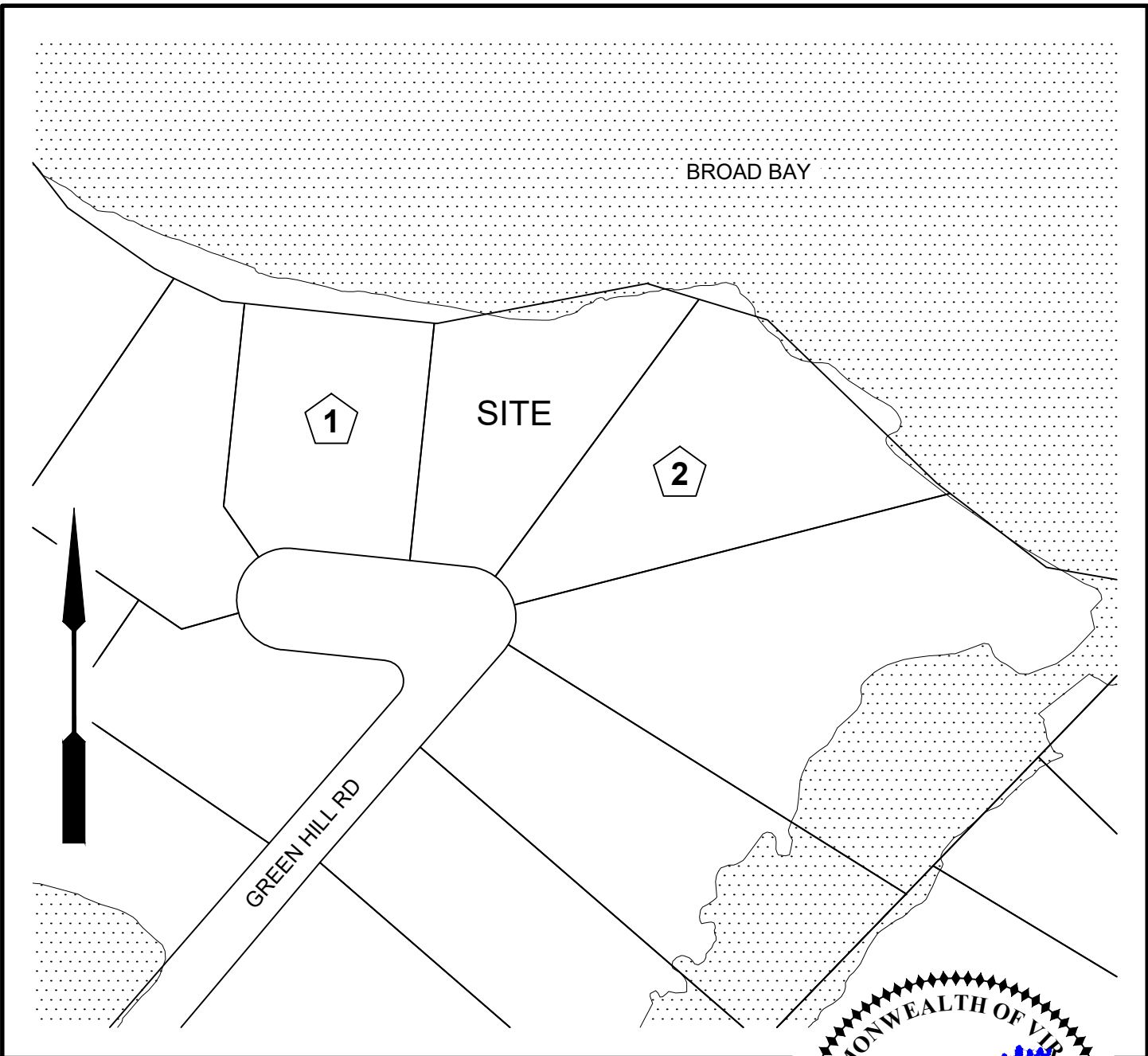
GALLUP
SURVEYORS & ENGINEERS
 323 FIRST COLONIAL ROAD
 VIRGINIA BEACH, VIRGINIA 23454
 (757)428-8132 FAX (757)425-2390

PROJECT: INSTALL PIER, BOAT LIFTS & RIP-RAP

REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

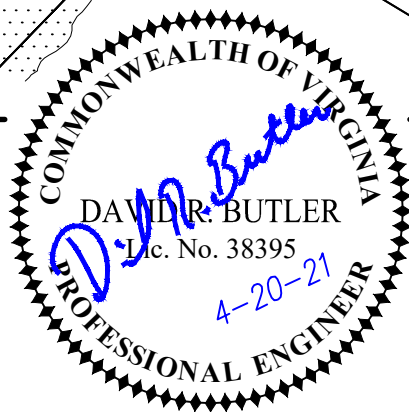
COVER SHEET

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 1 OF 20



ADJACENT PROPERTY OWNERS:

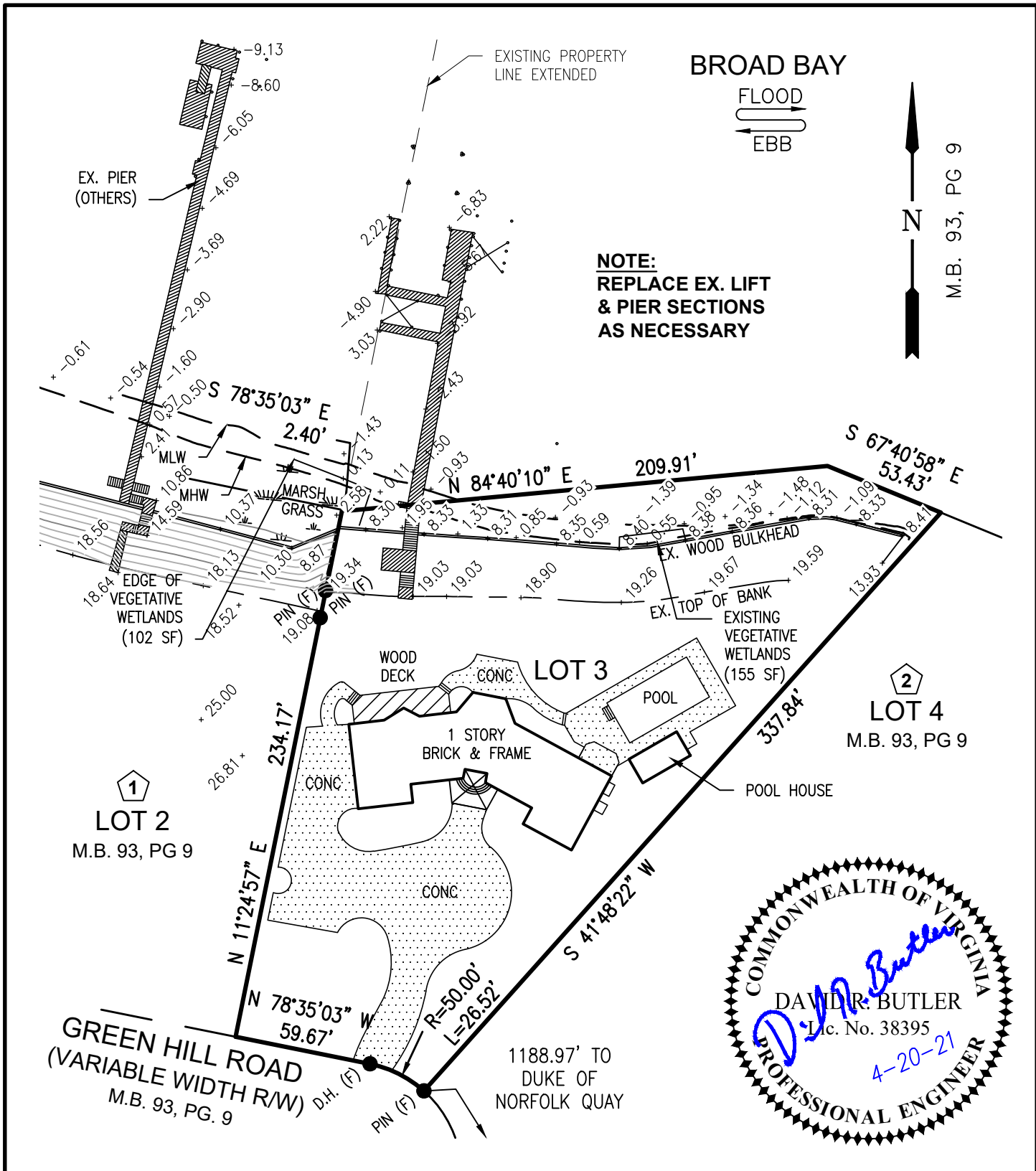
- ① BERNICE T. DAMUTH
- ② MATTHEW A. ELLMER & MARIE A. ELLMER



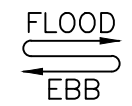
REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

**ADJACENT OWNERS
MAP**
1" = 150'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 2 OF 20



BROAD BAY



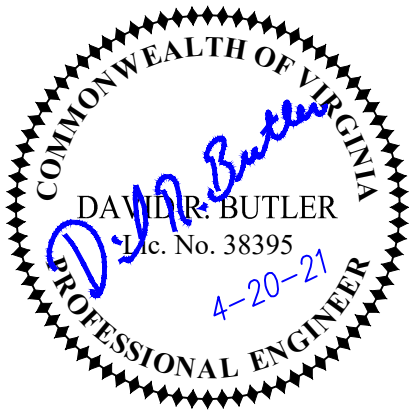
M.B. 93, PG 9

NOTE:
REPLACE EX. LIFT
& PIER SECTIONS
AS NECESSARY

REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

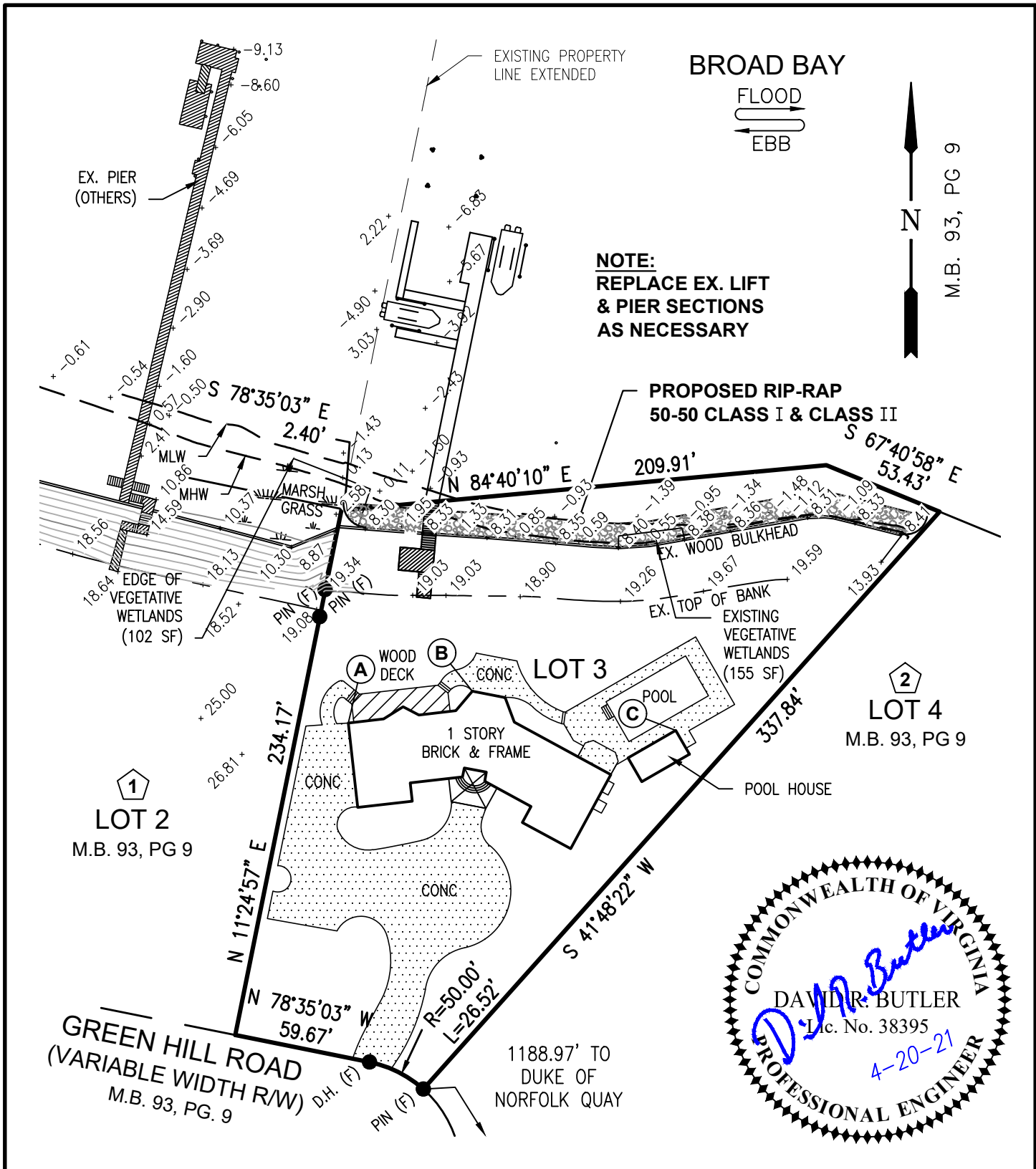
**EXISTING
CONDITIONS**
1" = 60'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 3 OF 20



W:\Jones, Alex-1833 Green Hill Road\Drawings\20-116 JPA PLAN.dwg, 2/28/2023 1:41:42 PM, 1:1

Additional Information/Revision Received by VMRC March 1, 2023 / Ira



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

OVERALL PLAN
1" = 60'

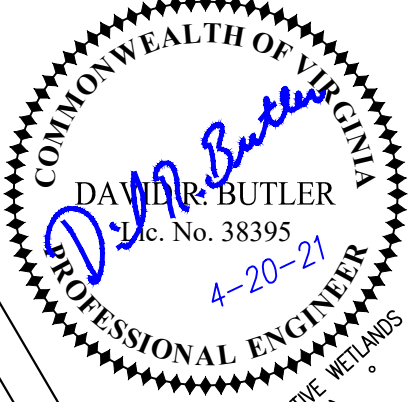
PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 4 OF 20

TIE DOWNS

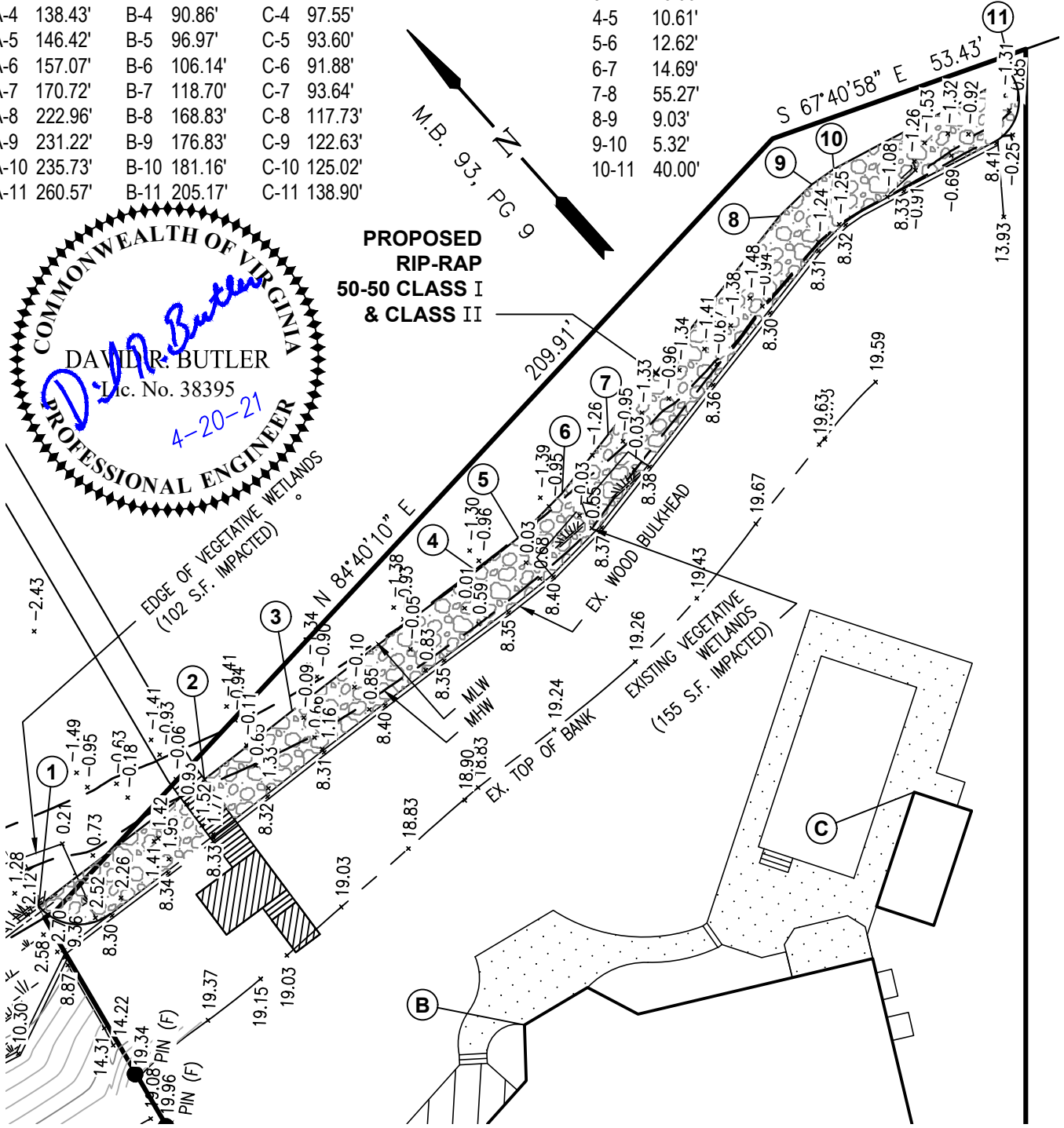
A-1 95.98'	B-1 99.52'	C-1 175.65'
A-2 100.71'	B-2 80.29'	C-2 141.22'
A-3 109.96'	B-3 77.77'	C-3 124.82'
A-4 138.43'	B-4 90.86'	C-4 97.55'
A-5 146.42'	B-5 96.97'	C-5 93.60'
A-6 157.07'	B-6 106.14'	C-6 91.88'
A-7 170.72'	B-7 118.70'	C-7 93.64'
A-8 222.96'	B-8 168.83'	C-8 117.73'
A-9 231.22'	B-9 176.83'	C-9 122.63'
A-10 235.73'	B-10 181.16'	C-10 125.02'
A-11 260.57'	B-11 205.17'	C-11 138.90'

LENGTHS (RIP-RAP)

1-2 41.51'
2-3 22.11'
3-4 46.06'
4-5 10.61'
5-6 12.62'
6-7 14.69'
7-8 55.27'
8-9 9.03'
9-10 5.32'
10-11 40.00'



**PROPOSED
RIP-RAP
50-50 CLASS I
& CLASS II**

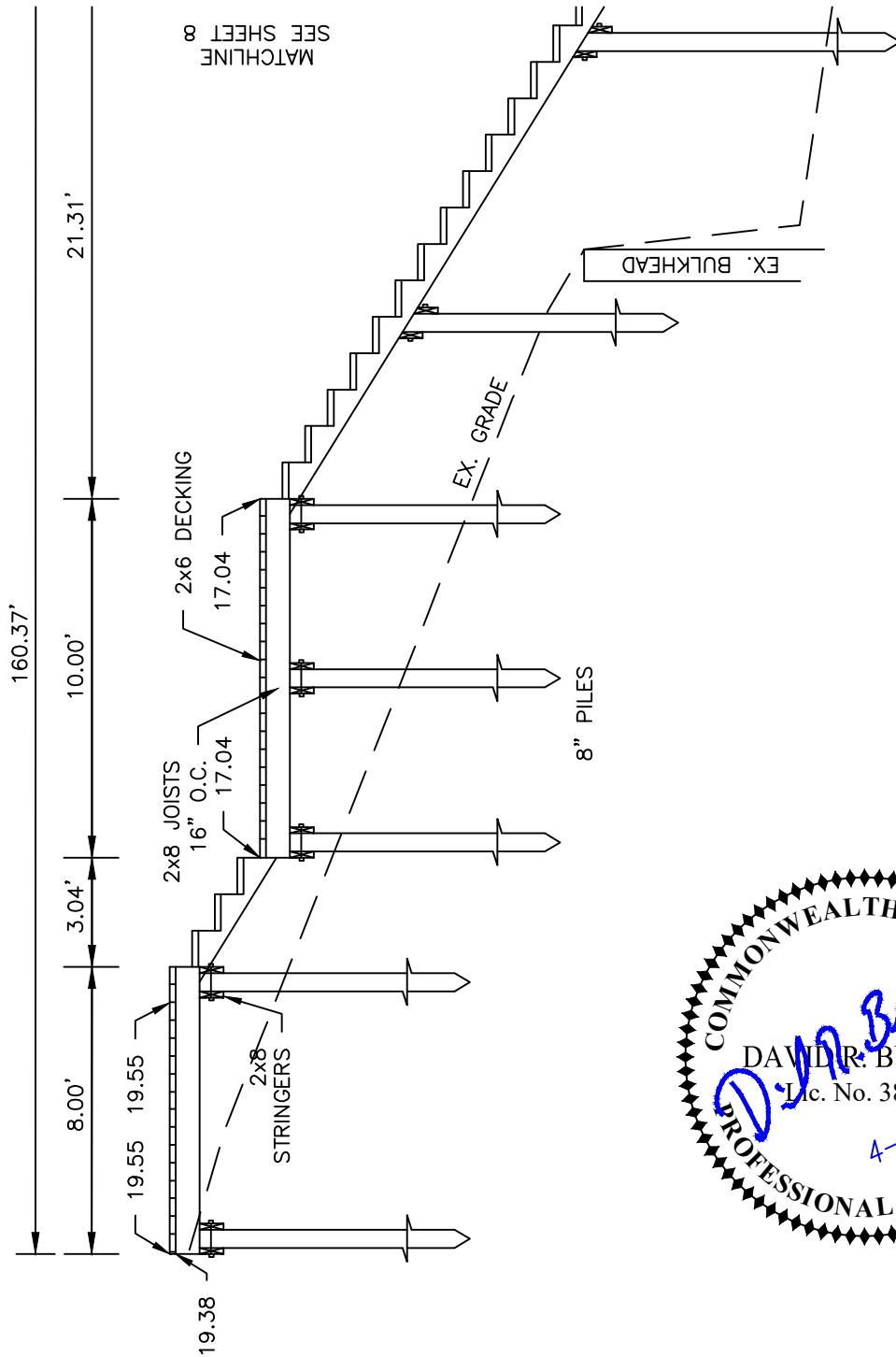


REVISION SCHEDULE

6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

RIP-RAP PLAN
1" = 30'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 5 OF 20



MATCHLINE 8
SEE SHEET 8

EX. BULKHEAD

EX. GRADE

8" PILES



ELEVATION VIEW
SCALE: 1" = 5'

NOTE:
RAILINGS NOT SHOWN FOR CLARITY;
SEE SHEET 6 FOR DETAILS

REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PROFILE
1" = 5'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 6 OF 20

6 SEE SHEET
MATCHLINE

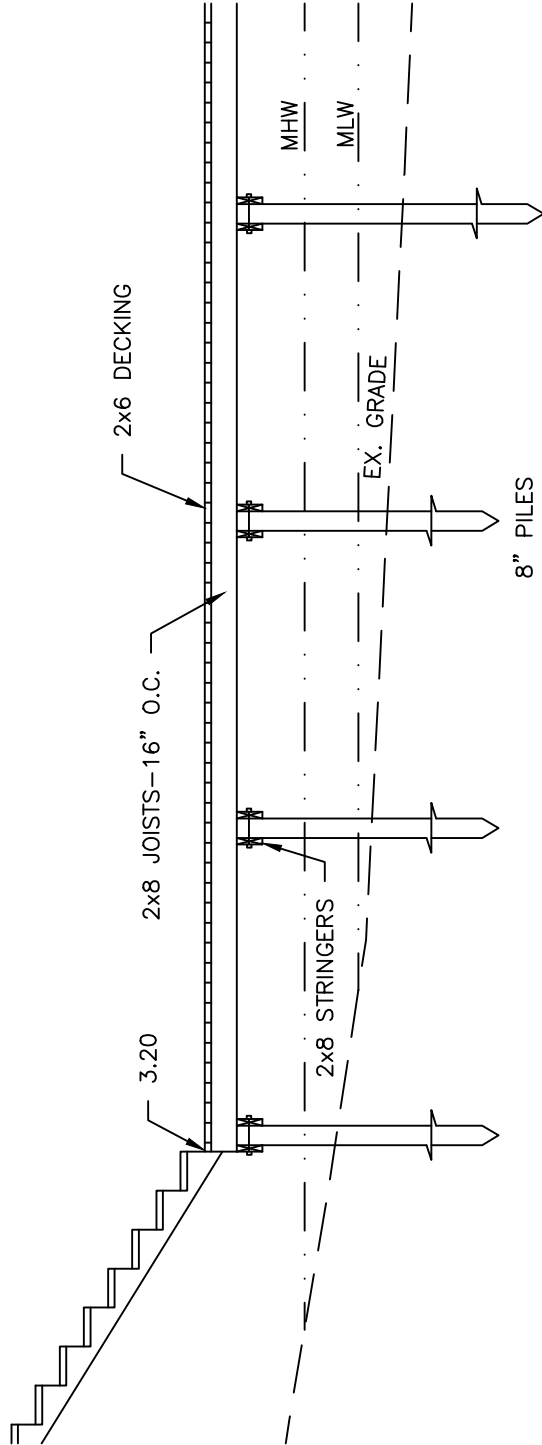


160.37'

118.02'

21.31'

7 SEE SHEET
MATCHLINE



8" PILES

ELEVATION VIEW
SCALE: 1" = 5'

NOTE:
RAILINGS NOT SHOWN FOR CLARITY;
SEE SHEET 6 FOR DETAILS

REVISION SCHEDULE

6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PROFILE
1" = 5'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 7 OF 20

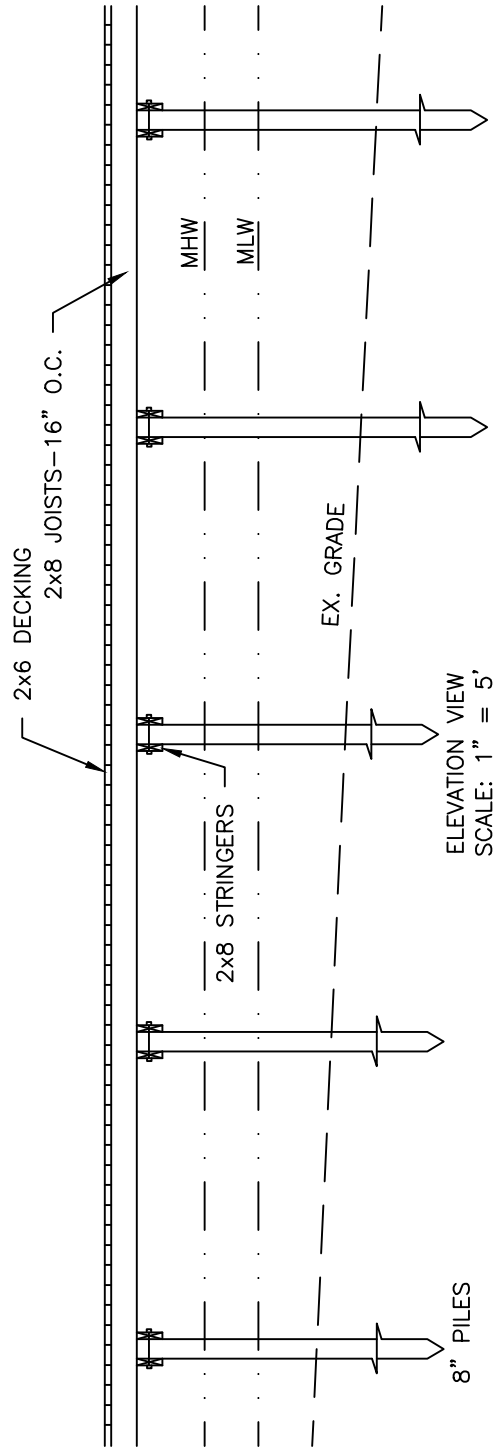
MATCHLINE
SEE SHEET 10



MATCHLINE
SEE SHEET 8

160.37'

118.02'



NOTE:
RAILINGS NOT SHOWN FOR CLARITY;
SEE SHEET 6 FOR DETAILS

REVISION SCHEDULE

6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PROFILE
1" = 5'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 8 OF 20

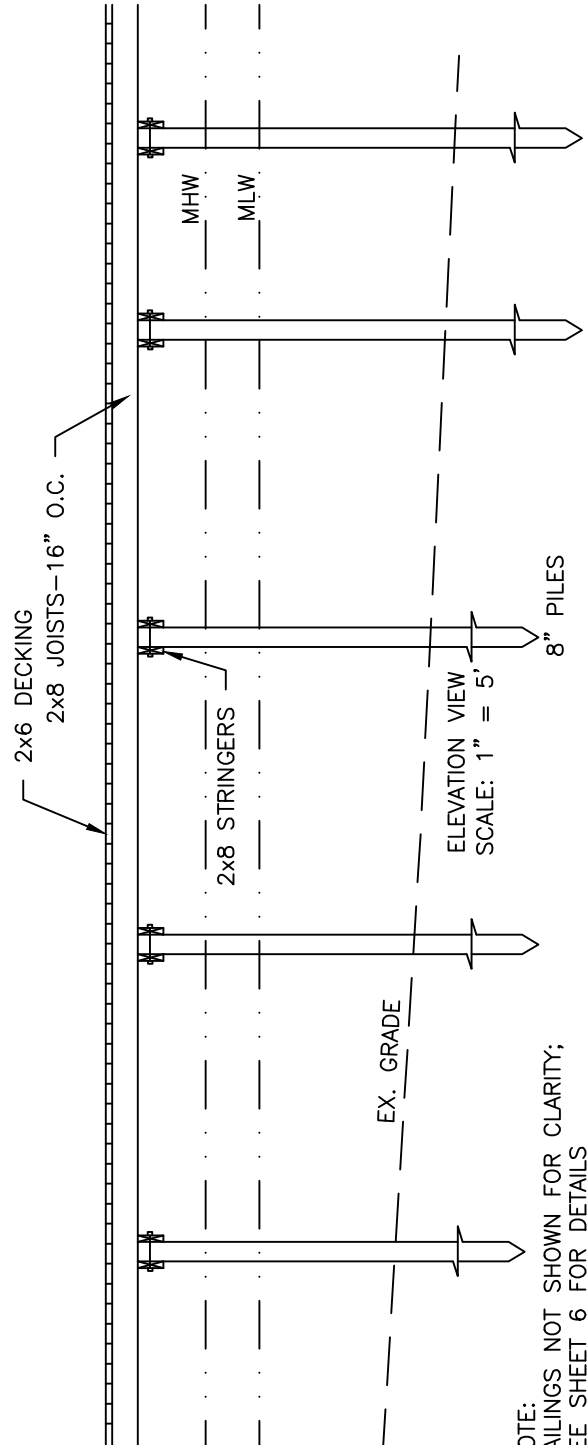
MATCHLINE
SEE SHEET 11



MATCHLINE
SEE SHEET 9

160.37'

118.02'



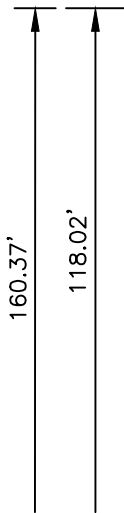
NOTE:
RAILINGS NOT SHOWN FOR CLARITY;
SEE SHEET 6 FOR DETAILS

REVISION SCHEDULE

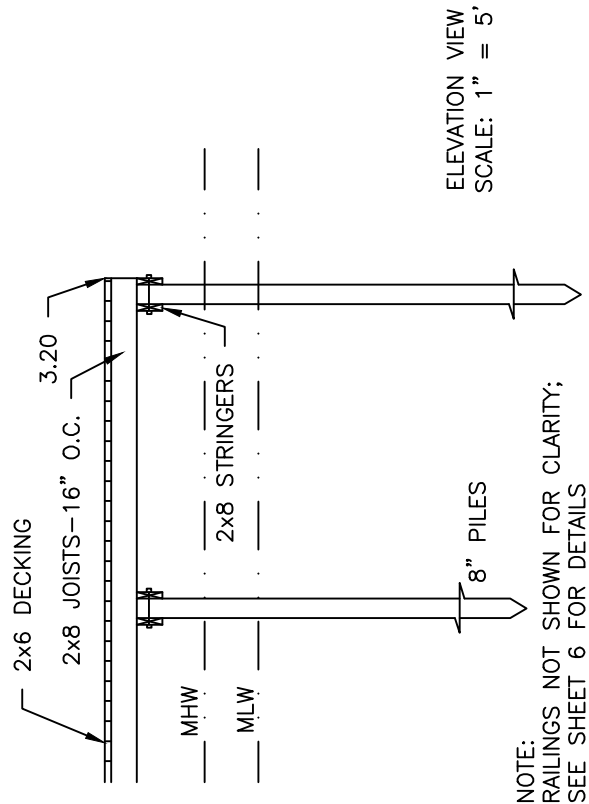
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PROFILE
1" = 5'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 9 OF 20



MATCHLINE
SEE SHEET 10

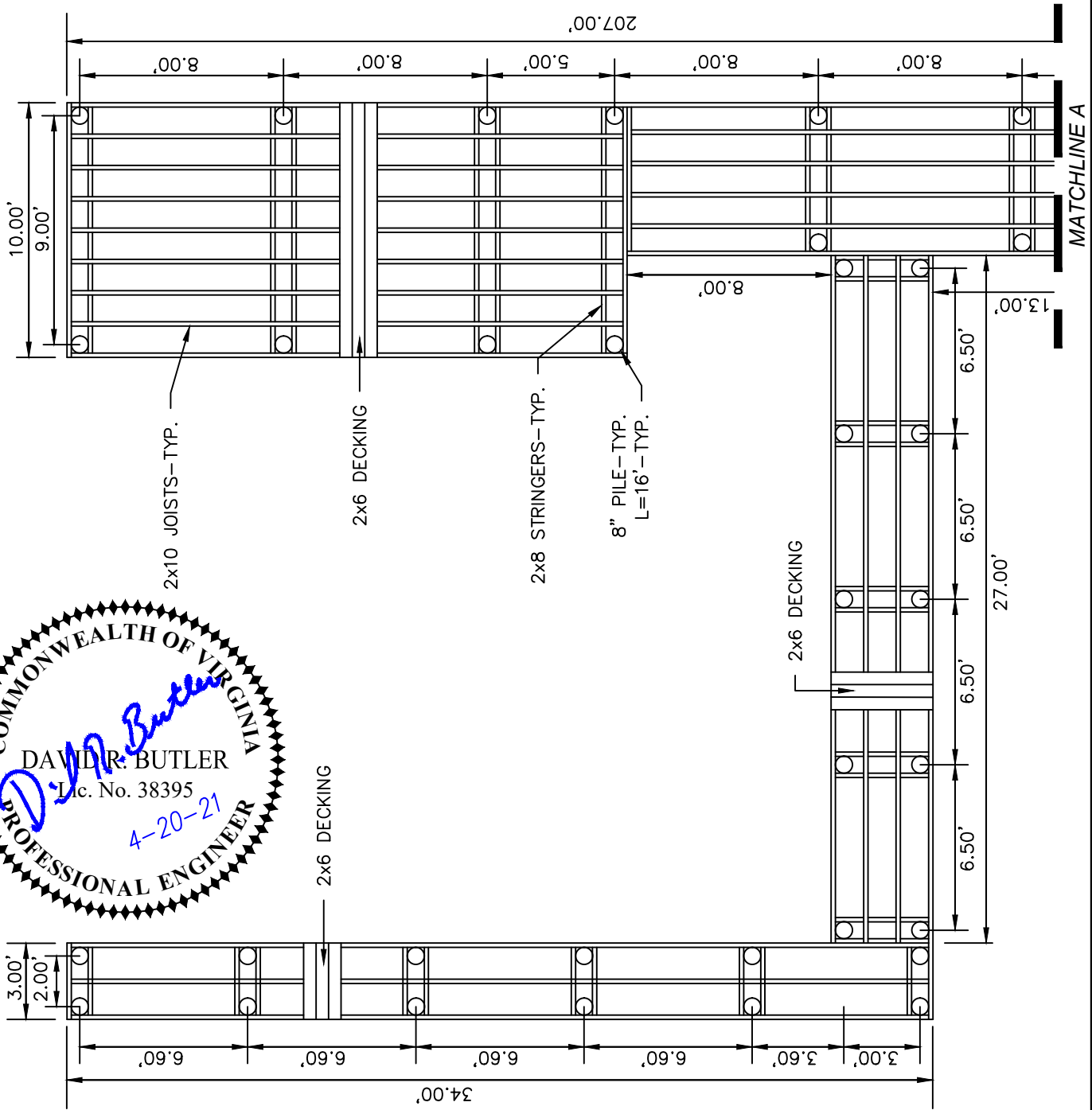


NOTE:
RAILINGS NOT SHOWN FOR CLARITY;
SEE SHEET 6 FOR DETAILS

REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PROFILE
1" = 5'

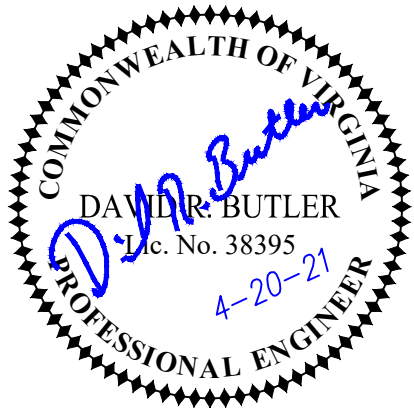
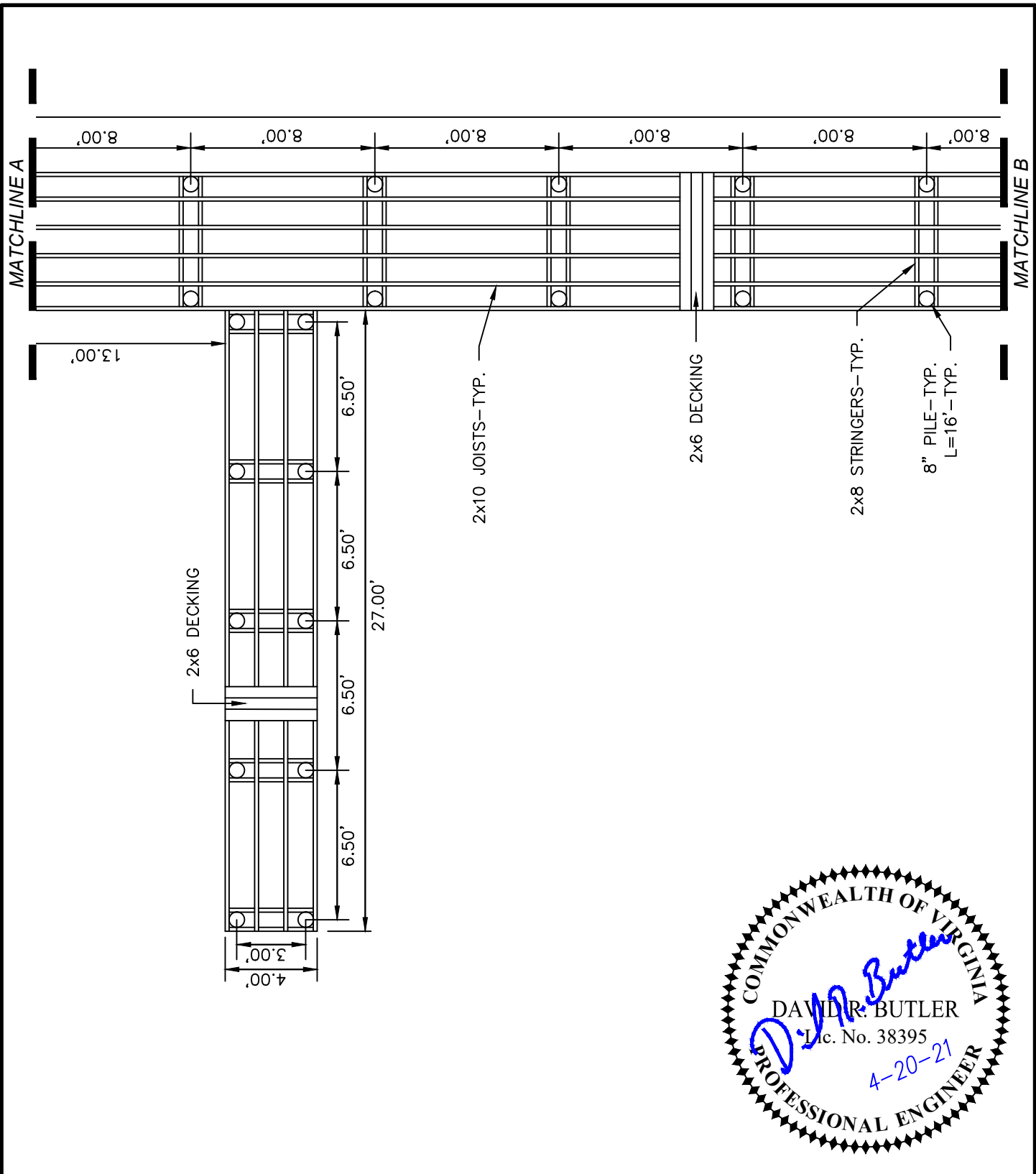
PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 10 OF 20



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PLAN
1" = 6'

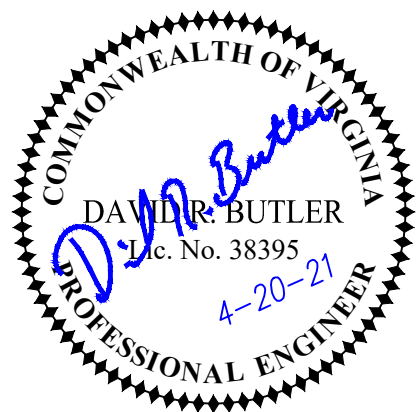
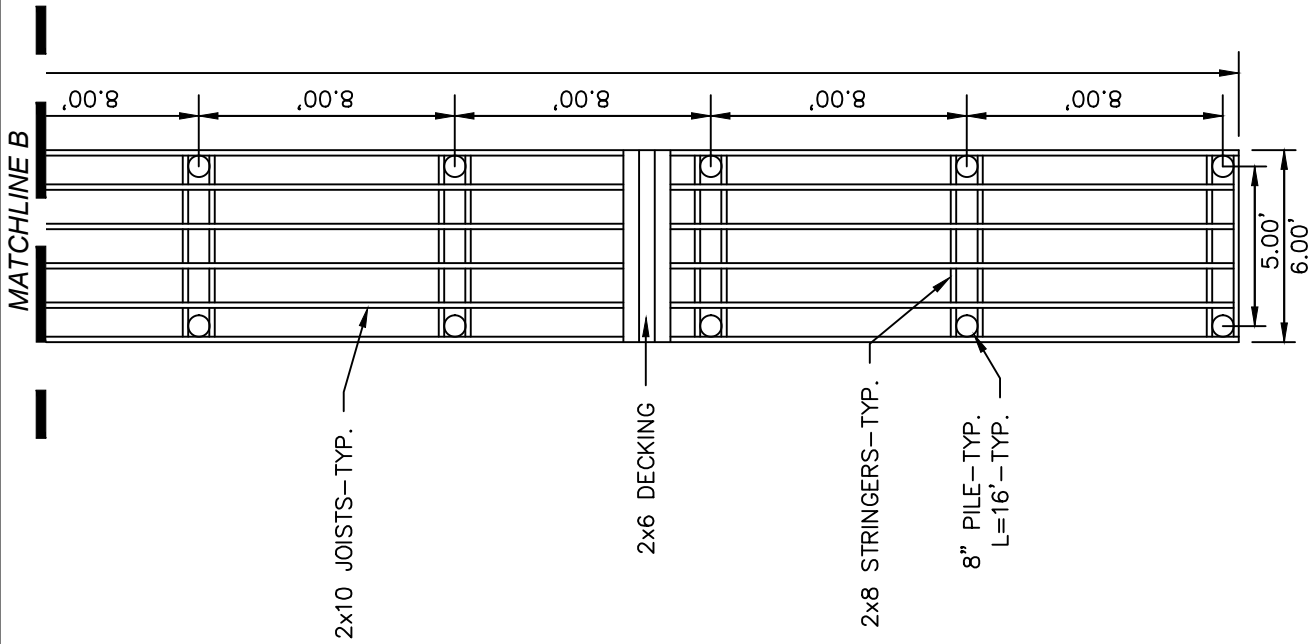
PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 11 OF 20



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PLAN
1" = 6'

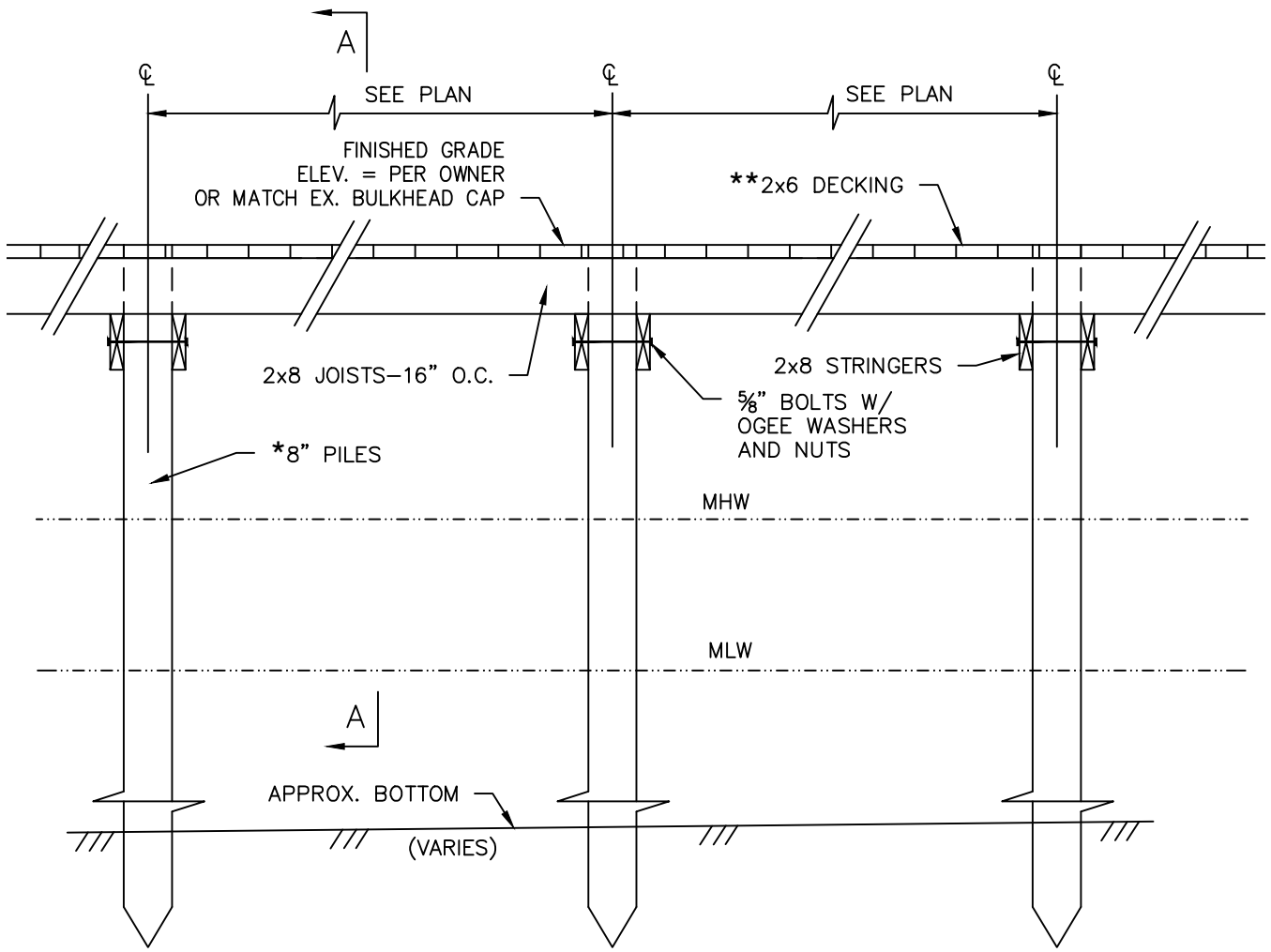
PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 12 OF 20



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

PIER PLAN
 1" = 6'

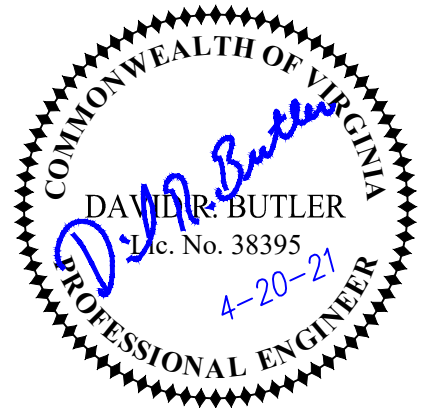
PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 13 OF 20



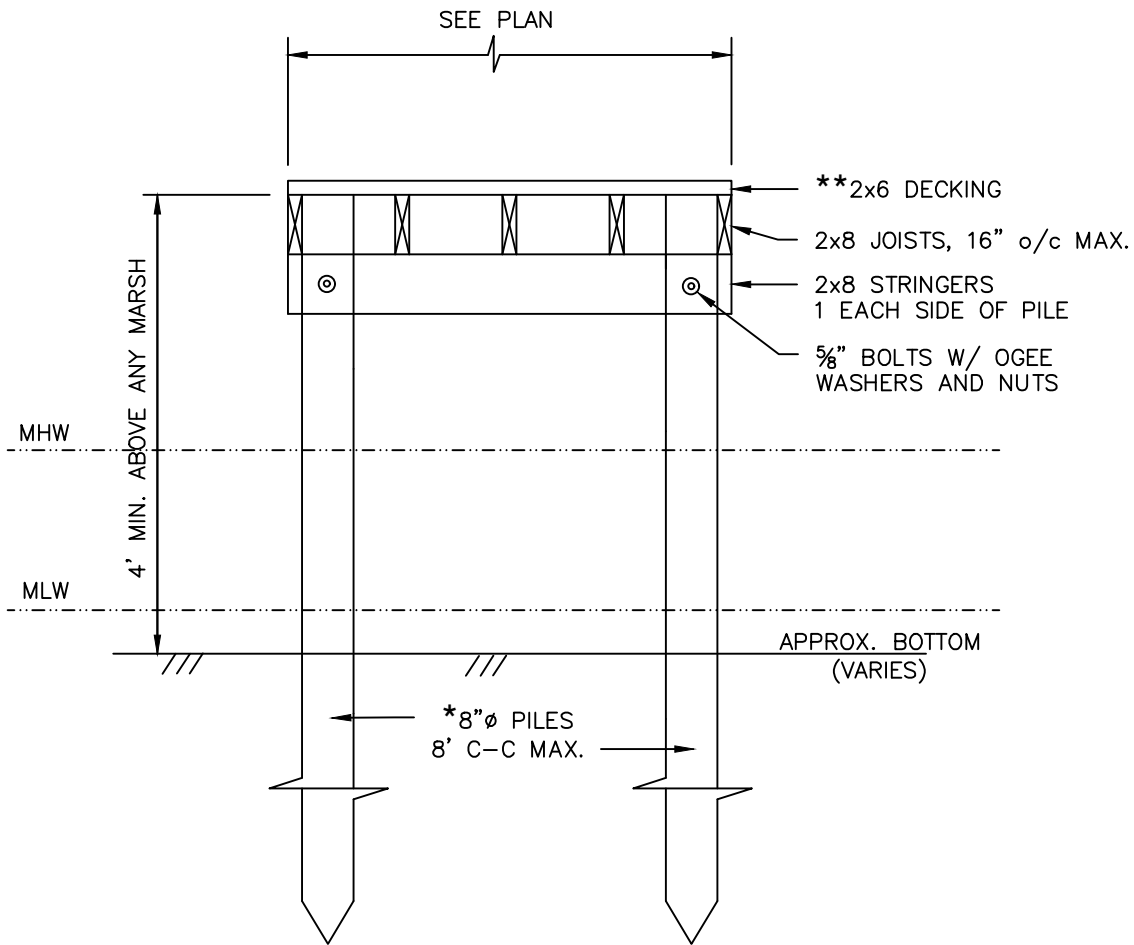
**PROPOSED VIEW
TYPICAL SECTION**

NOTES

1. ALL FRAMING LUMBER SHALL BE SYP SALT TREATED WITH A MIN. RETENTION OF 0.80 LBS. PER CUBIC FOOT.
 2. ALL HARDWARE AND FASTENERS SHALL BE HOT DIPPED GALVANIZED.
 3. ALL PILES SHALL BE SYP SALT TREATED WITH A MIN. RETENTION OF 2.5 LBS. PER CUBIC FOOT.
- * FIXED PIER PILES SHALL BE DRIVEN TO MIN. 50 PERCENT PENETRATION BELOW THE BOTTOM OF THE MUDLINE. (NO SOIL BORINGS WERE PROVIDED)
 - ** OR UTILIZE THRU-FLOW COMPOSITE OR EQUAL DECK MATERIAL



REVISION SCHEDULE		PIER SECTION 1" = 2.5'	PROJECT: PIER, BOAT LIFTS & RIP-RAP BY: H. ALEX & JACQUELINE H. JONES IN: BROAD BAY DATE: APRIL 20, 2021 SHEET: 14 OF 20
6-16-21	CoVB COMMENTS		
7-1-21	CoVB COMMENTS		
9-14-21	VMRC COMMENTS		
2-28-23	REVISE END POINTS		



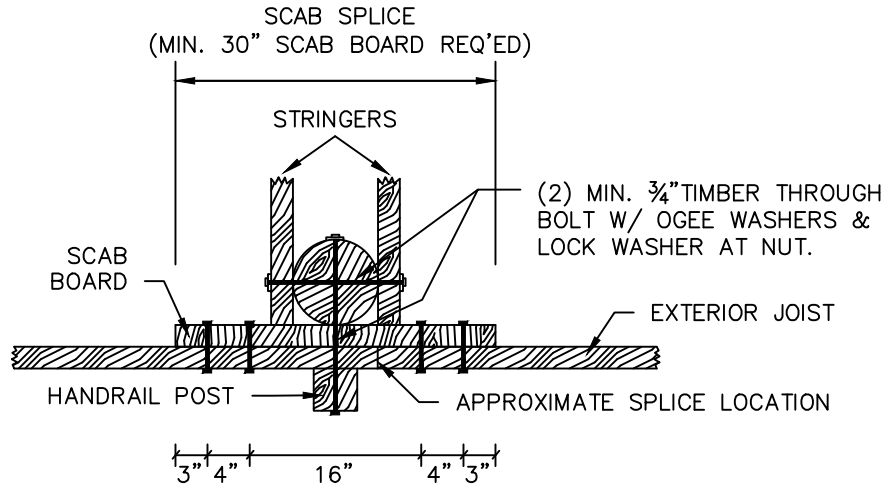
**PROPOSED PIER
SECTION A-A**

NOTES

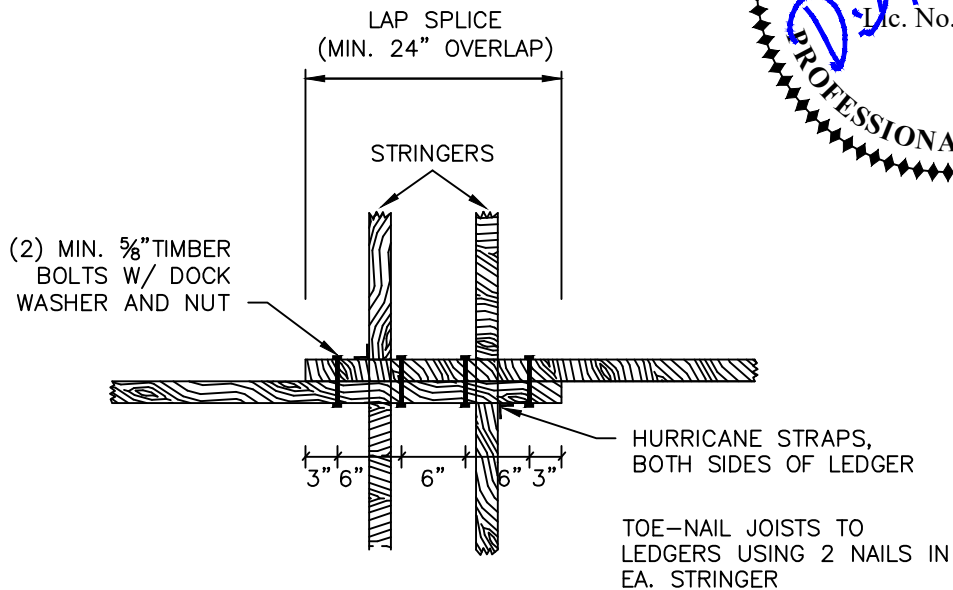
1. ALL FRAMING LUMBER SHALL BE SYP SALT TREATED WITH A MIN. RETENTION OF 0.80 LBS. PER CUBIC FOOT.
 2. ALL HARDWARE AND FASTENERS SHALL BE HOT DIPPED GALVANIZED.
 3. ALL PILES SHALL BE SYP SALT TREATED WITH A MIN. RETENTION OF 2.5 LBS. PER CUBIC FOOT.
- * FIXED PIER PILES SHALL BE DRIVEN TO MIN. 50 PERCENT PENETRATION BELOW THE BOTTOM OF THE MUDLINE. (NO SOIL BORINGS WERE PROVIDED)
 - ** OR UTILIZE THRU-FLOW COMPOSITE OR EQUAL DECK MATERIAL



REVISION SCHEDULE		PIER SECTION 1" = 2.5'	PROJECT: PIER, BOAT LIFTS & RIP-RAP BY: H. ALEX & JACQUELINE H. JONES IN: BROAD BAY DATE: APRIL 20, 2021 SHEET: 15 OF 20
6-16-21	CoVB COMMENTS		
7-1-21	CoVB COMMENTS		
9-14-21	VMRC COMMENTS		
2-28-23	REVISE END POINTS		

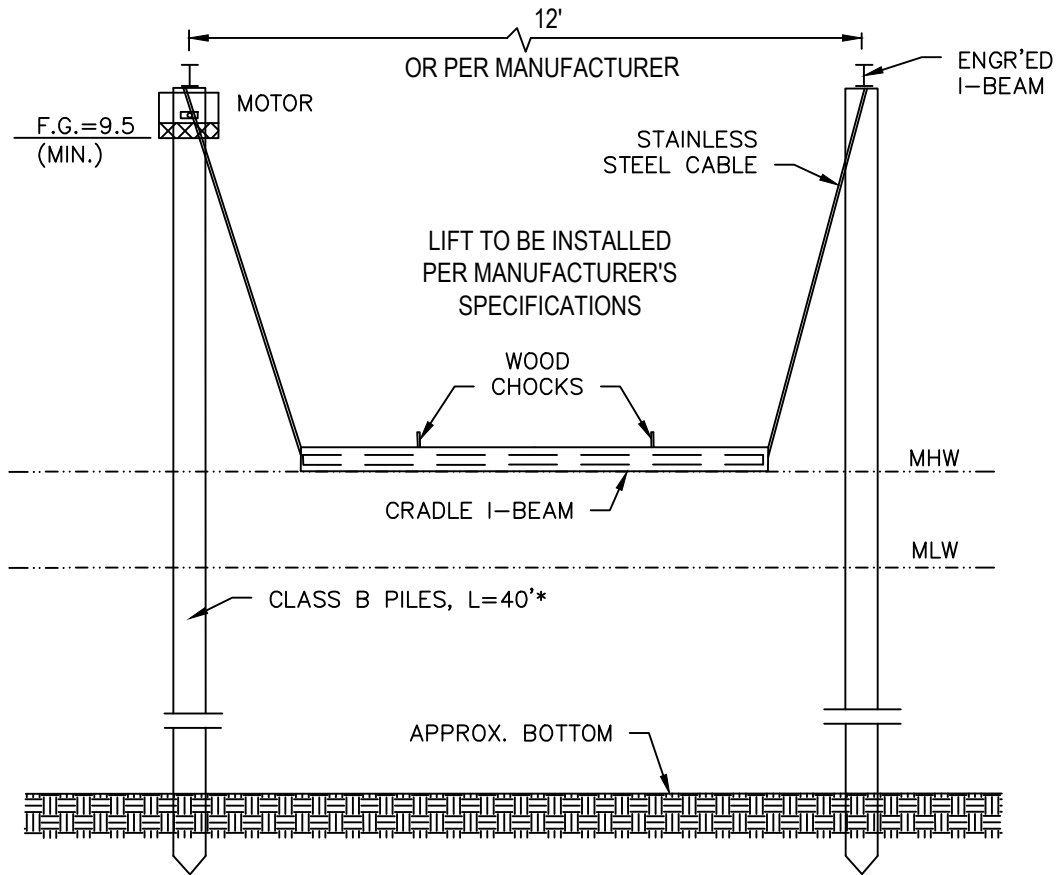


**SCAB SPLICE
DETAIL**



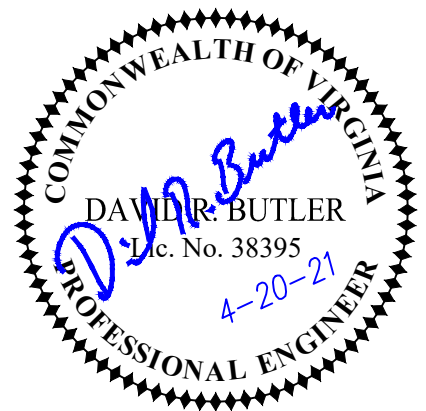
**LAP SPLICE
DETAIL**

REVISION SCHEDULE		PIER DETAILS 1" = 1.5'	PROJECT: PIER, BOAT LIFTS & RIP-RAP BY: H. ALEX & JACQUELINE H. JONES IN: BROAD BAY DATE: APRIL 20, 2021 SHEET: 16 OF 20
6-16-21	CoVB COMMENTS		
7-1-21	CoVB COMMENTS		
9-14-21	VMRC COMMENTS		
2-28-23	REVISE END POINTS		

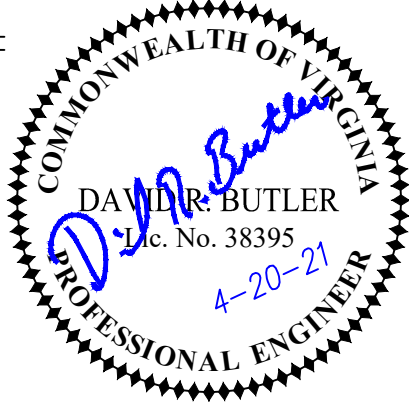
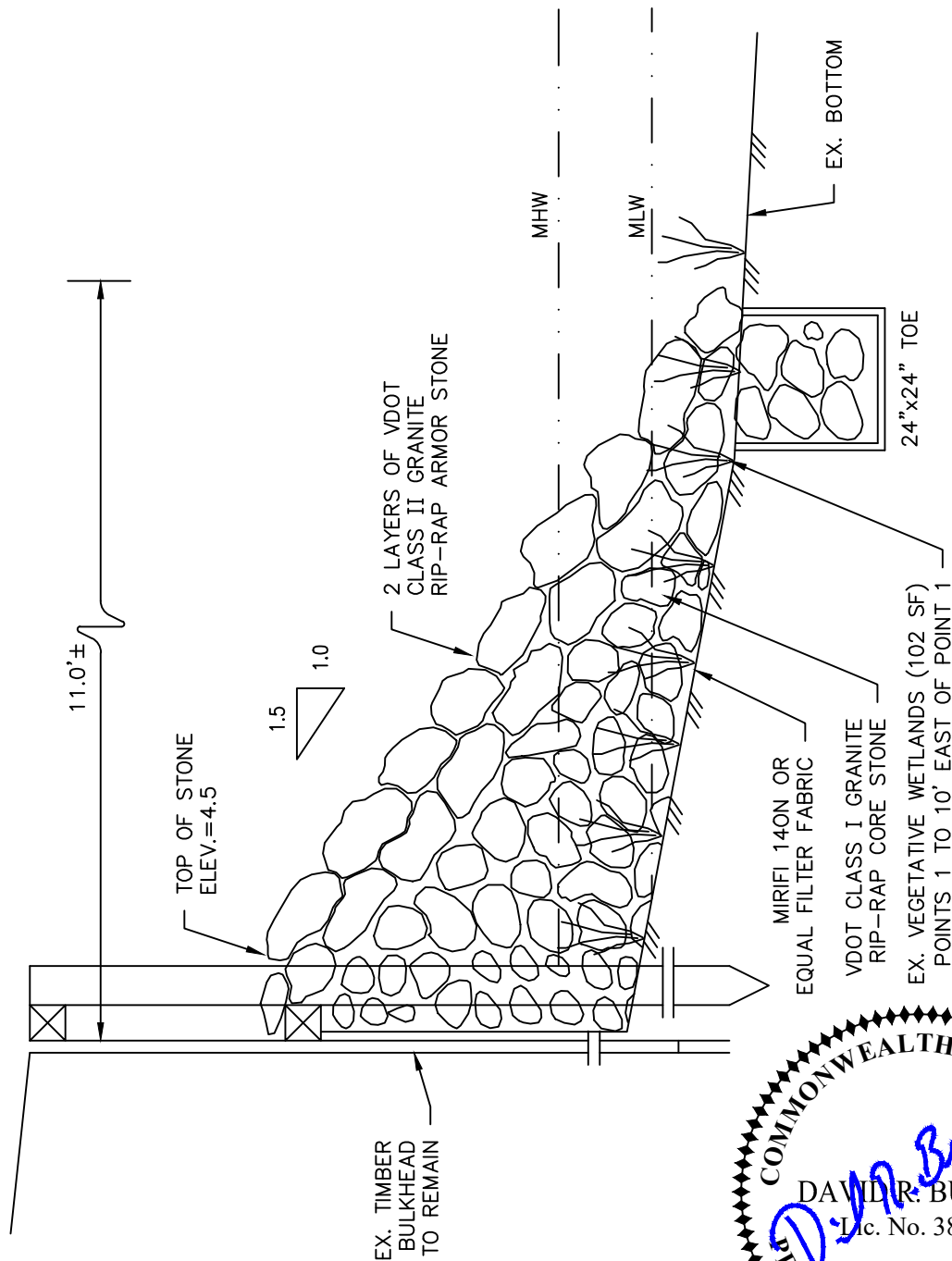


ALL PILING CCA 2.5 PCF (MLP-80)
 ALL HARDWARE H.D. GALV. ASTM-A153
 WOOD CHOCKS TO BE CCA 2.5 PCF (MLP-80)

* BOAT LIFT PILES SHALL BE THE LENGTH SPECIFIED OR DRIVEN TO MIN.
 50 PERCENT PENETRATION BELOW THE BOTTOM OF THE MUDLINE, WHICHEVER
 IS GREATEST. (NO SOUNDINGS OR SOIL BORINGS WERE PROVIDED)



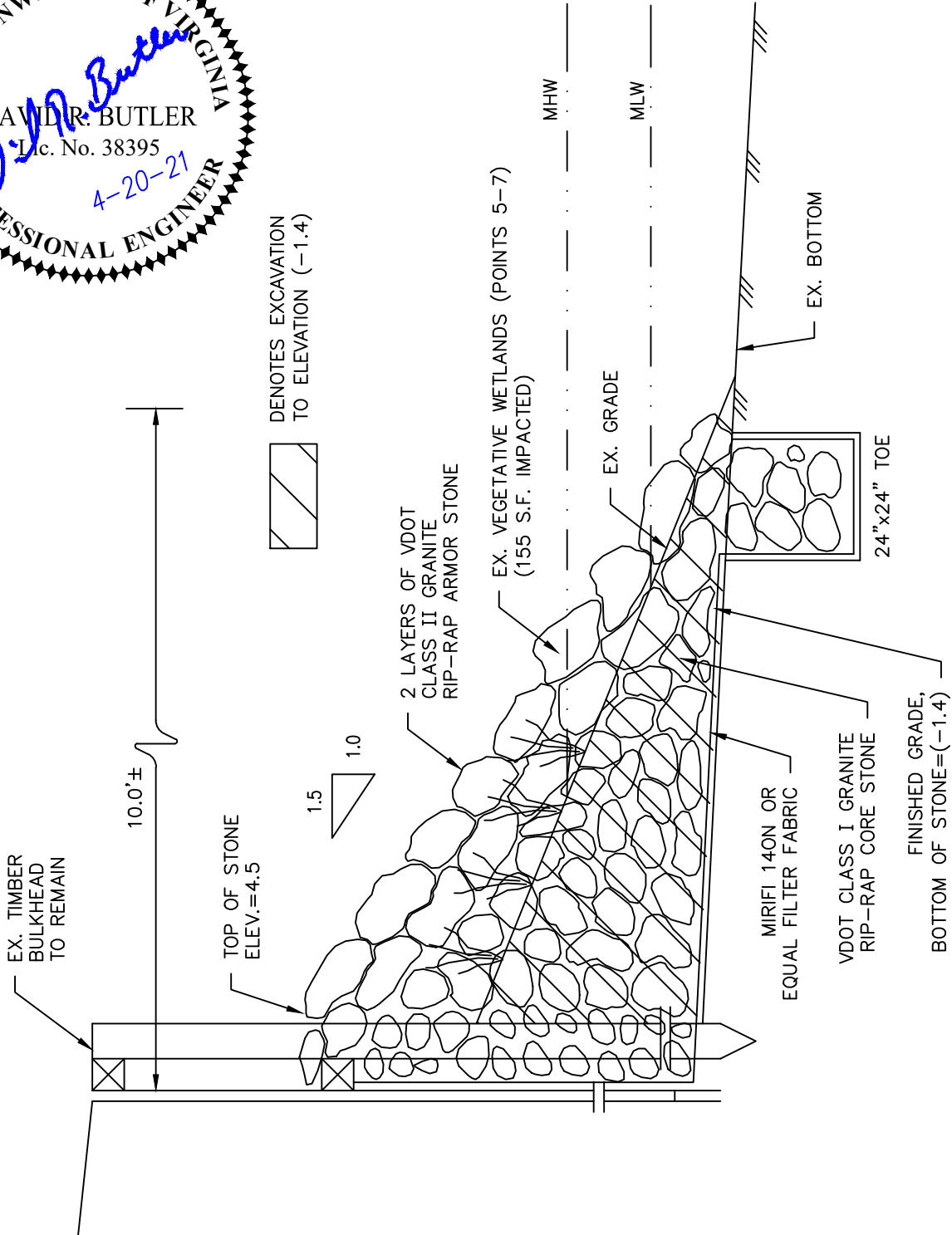
REVISION SCHEDULE		BOAT LIFT DETAIL 1" = 4'	PROJECT: PIER, BOAT LIFTS & RIP-RAP BY: H. ALEX & JACQUELINE H. JONES IN: BROAD BAY DATE: APRIL 20, 2021 SHEET: 17 OF 20
6-16-21	CoVB COMMENTS		
7-1-21	CoVB COMMENTS		
9-14-21	VMRC COMMENTS		
2-28-23	REVISE END POINTS		



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

**RIP-RAP SECTION
POINTS 1-4**
1" = 2.5'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 18 OF 20



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

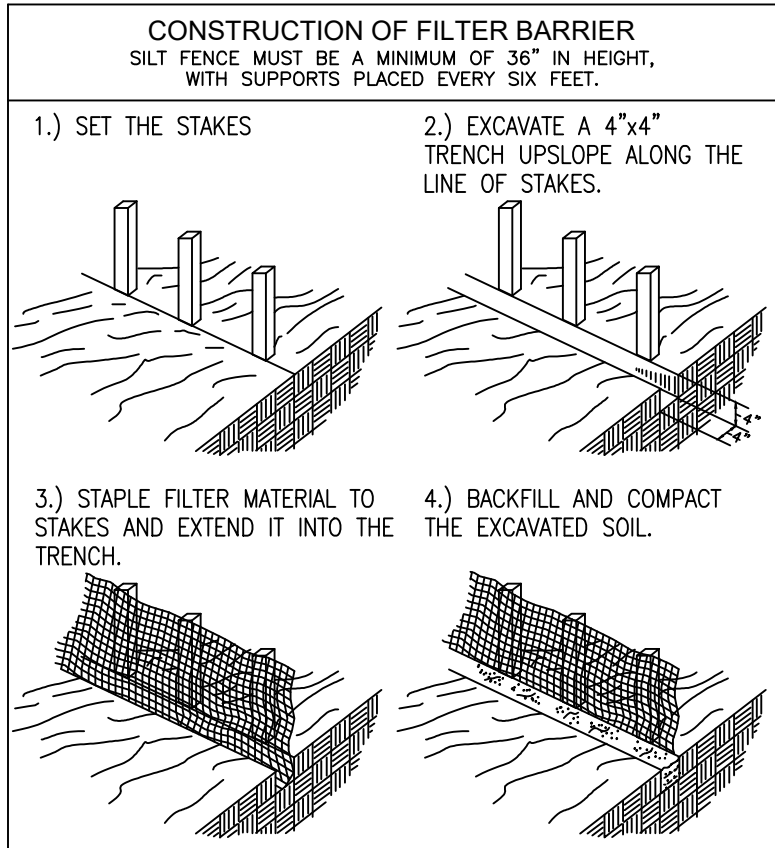
RIP-RAP SECTION
POINTS 5-11
 1" = 2.5'

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 19 OF 20

CONSTRUCTION SEQUENCE

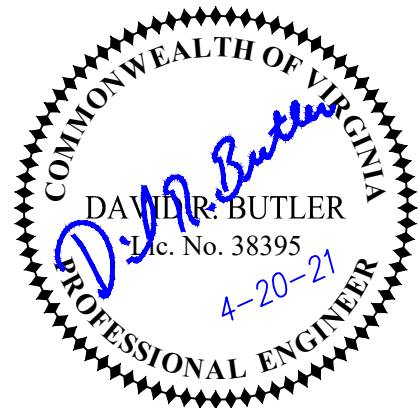
1. OBTAIN ALL REQUIRED PERMITS.
2. INSTALL SAFETY FENCE
3. REMOVE EXISTING PIER
4. SET PILES
5. INSTALL RIP-RAP
6. CONSTRUCT PIER
7. INSTALL SILT FENCE
8. SEED & MULCH DISTURBED AREAS

NOTE:
ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER



TURFGRASS PLANTING SPECIFICATIONS

TURF TYPE	TIME OF YEAR TO SEED	SEEDING RATE	COMMENTS
KENTUCKY 31 FESCUE	9-16 - 4-30 (OR SOD ANY SEASON WITH ADEQUATE WATER PROVIDED)	8 LB. PER 1000 SQ. FT.	MIX WITH ANNUAL RYE FOR QUICK STABILIZATION
NARROW LEAFED FESCUES	9-16 - 4-30 (OR SOD ANY SEASON WITH ADEQUATE WATER PROVIDED)	6 LB. PER 1000 SQ. FT.	IMPROVED FESCUES. MIX WITH ANNUAL RYE FOR QUICK STABILIZATION
BERMUDA (HULLED)	5-1 - 9-15 (OR SOD DURING THIS SAME TIME PERIOD)	2 LB. PER 1000 SQ. FT.	



REVISION SCHEDULE	
6-16-21	CoVB COMMENTS
7-1-21	CoVB COMMENTS
9-14-21	VMRC COMMENTS
2-28-23	REVISE END POINTS

NOTES & DETAILS

PROJECT: PIER, BOAT LIFTS & RIP-RAP
BY: H. ALEX & JACQUELINE H. JONES
IN: BROAD BAY
DATE: APRIL 20, 2021
SHEET: 20 OF 20

GALLUP
SURVEYORS & ENGINEERS

January 31, 2023

Bernice T. Damuth
1837 Green Hill Road
Virginia Beach, VA 23454

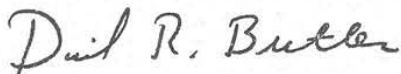
Re: Waterfront Construction Adjacent To Your Property

We have been retained by your neighbors, Alex and Jacqueline Jones, to prepare plans to install a pier, boat lifts and rip rap to serve their property at 1833 Green Hill Road. The City of Virginia Beach Waterfront Operations Department requires consulting engineers for waterfront construction projects to notify all of the property owners that are adjacent to a proposed waterfront project that construction is proposed for that particular property. We have included a copy of the waterfront plans with this letter for you to review. In addition to notifying the immediate neighbors, VMRC requires the immediate neighbors to review, check, and sign the enclosed form. I have provided a stamped envelope for your use in returning the form to us.

Please feel free to call me if you have any questions or comments so that I may relay them to my client.

Sincerely,

GALLUP SURVEYORS & ENGINEERS



David R. Butler, P.E.

DRB/ilc



323 First Colonial Road • Virginia Beach, Virginia 23454-4605
Phone (757)428-8132 • Fax (757)425-2390

Received by VMRC January 31, 2023 /blh

GALLUP
SURVEYORS & ENGINEERS

January 31, 2023

Matthew & Marie Ellmer
4908 Athens Boulevard
Virginia Beach, VA 23454

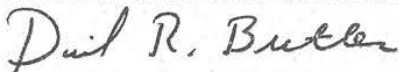
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Received by VMRC January 31, 2023 /blh