

Wetlands Board Agenda

February 20, 2023



CITY OF
VIRGINIA
BEACH

VIRGINIA BEACH WETLANDS BOARD

PUBLIC HEARING PROCEDURES & AGENDA

A Public Hearing of the Virginia Beach Wetlands Board will be held on **Monday, February 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.

2023 WETLANDS BOARD PUBLIC HEARING DATES

Tuesday	January 17	Monday	July 17
Monday	February 20	Monday	August 21
Monday	March 20	Monday	September 18
Monday	April 17	Monday	October 16
Monday	May 15	Monday	November 20
Wednesday	June 21	Monday	December 18



WETLANDS BOARD AGENDA

Public Hearing Date **February 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.

OLD BUSINESS - WETLANDS

1. 2020-WTRA-00224

Jean Hayek

[Applicant & Owner]

REQUEST FOR 1 YEAR EXTENSION

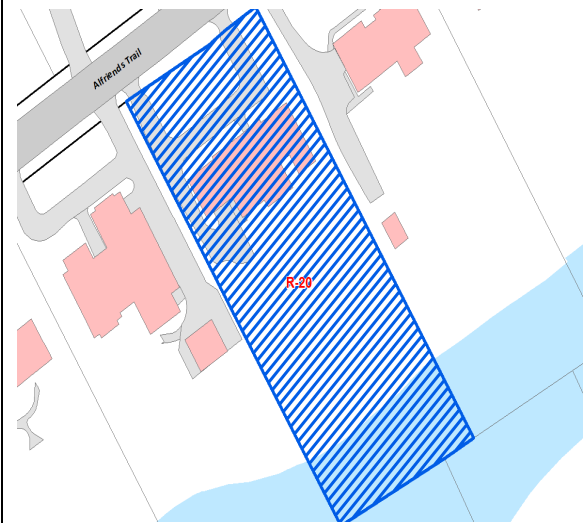
4321 Alfriends Trail

GPIN 1478-73-8986

City Council District: District 8, formerly Bayside

Waterway – Western Branch Lynnhaven River
Subdivision – Donation Shores

Request: To construct rip rap involving wetlands.



NEW BUSINESS - WETLANDS

2. 2022-WTRA-00269

Michael T. and Shannon A. Darden

[Applicants & Owners]

500 Lighthouse Point

GPINs 2427-10-4518 & 2427-10-4628

City Council District: District 5, formerly Beach

Waterway – Lake Rudee
Subdivision – Harbour Point

Request: To dredge and construct a bulkhead involving wetlands.



NEW BUSINESS – WETLANDS (CONTINUED)

3. 2022-WTRA-00276

Jeffrey D. and Caroline W. Watkins

[Applicants & Owners]

946 Oriole Drive

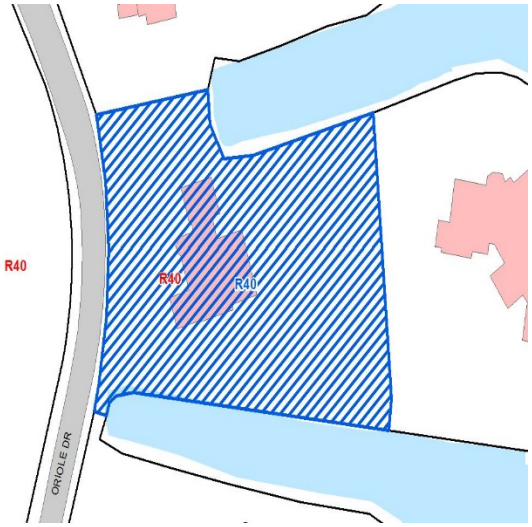
GPIN 2418-43-0651

City Council District: District 6, formerly Lynnhaven

Waterway – Little Neck Creek

Subdivision – Birdneck Point

Request: To dredge, construct rip rap revetment, retaining wall, and plant vegetation involving wetlands and a covered boat lift.



1. 2020-WTRA-00224

Jean Hayek

[Applicant & Owner]

REQUEST FOR 1 YEAR EXTENSION

4321 Alfrends Trail

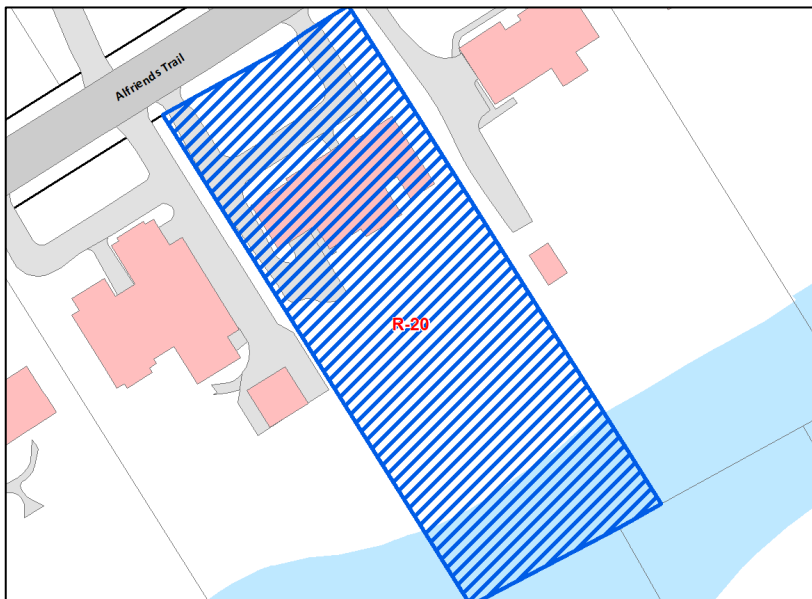
GPIN 1478-73-8986

City Council District: District 8, formerly Bayside

Waterway – Western Branch Lynnhaven River

Subdivision – Donation Shores

Request: To construct rip rap involving wetlands



Heaven L. Manning

From: john h <llcollj8@hotmail.com>
Sent: Wednesday, January 18, 2023 5:58 AM
To: Heaven L. Manning
Subject: Request for extension

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: This email originated from outside of the City of Virginia Beach. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi MR. Manning

I Have not found the contractor soon enough to be able to start on my project I would like to request an extension for another year

I thank you in advance

Sincerely

John Hayek
757-631-8668
4321 Alfriends trail
Virginia Beach each VA 23455

2. 2022-WTRA-00269

Michael T. and Shannon A. Darden

[Applicants & Owners]

500 Lighthouse Point

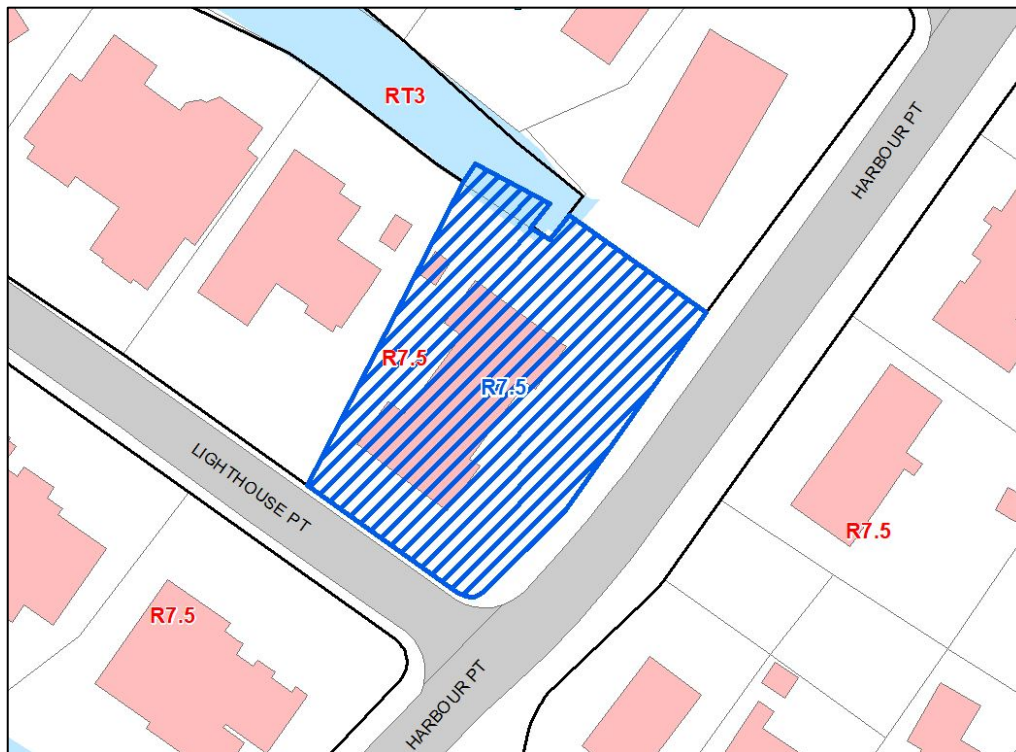
GPINs 2427-10-4518 & 2427-10-4628

City Council District: District 5, formerly Beach

Waterway – Lake Rudee

Subdivision – Harbour Point

Request: To dredge and construct a bulkhead 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 Michael & Shannon Darden

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

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

Waterfront Consulting, Inc.

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.

Wells Fargo

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.

Dan Hargrave

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.

Waterfront Consulting Inc, Stone Green Consulting, Align Surveying & Design P.C.

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:

Applicant Signature
Michael & Shannon Darden

Print Name and Title

11/30/2022

Date

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

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

FOR CITY USE ONLY/ All disclosures must be updated two (2) weeks prior to any Planning Commission and City Council meeting that pertains to the applications					
<input type="checkbox"/>	No changes as of	Date		Signature	
				Print Name	

FOR AGENCY USE ONLY	
	Notes:
JPA#	

APPLICANTS

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 extra 8 ½ x 11 inch sheets of paper.***

Check all that apply			
<input type="checkbox"/> Pre-Construction Notification (PCN) <input type="checkbox"/> NWP # _____ <input type="checkbox"/> RP # 05 <i>(For NWPs & RP 05 ONLY - No DEQ-VWP permit writer will be assigned)</i>	<input type="checkbox"/> SPGP	<input type="checkbox"/> DEQ Reapplication Existing permit number: _____	<input type="checkbox"/> Receiving federal funds Agency providing funding: _____
<input type="checkbox"/> Regional Permit 17 Checklist (RP-17)	This project and the previous JPA have been discussed with Melissa Nash		

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
All	Approved/Bulkhead & Pier	2001-0127	01/25/2001	

1. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR INFORMATION						
The applicant(s) is/are the legal entity to which the permit may be issued (see How to Apply at beginning of form). The applicant(s) can either be the property owner(s) or the person/people/company(ies) that intend(s) to undertake the activity. The agent is the person or company that is representing the applicant(s). If a company, please also provide the company name that is registered with the State Corporation Commission (SCC), or indicate no registration with the SCC.						
Legal Name(s) of Applicant(s) Michael & Shannon Darden			Agent (if applicable) Waterfront Consulting Inc.			
Mailing address 500 Lighthouse Point			Mailing address 2589 Quality Court, Ste. 323			
City Virginia Beach	State VA	ZIP Code 23451	City Virginia Beach	State VA	ZIP Code 23454	
Phone number w/area code 757-438-3964	Fax		Phone number w/area code 757-425-8244	Fax		
Mobile	E-mail tdarden@rolyncompanies.com		Mobile 757-619-7302	E-mail bob@waterfrontconsulting.net		
State Corporation Commission Name and ID number (if applicable)			State Corporation Commission Name and ID number (if applicable) 04743811			
<i>Certain permits or permit authorizations may be provided via electronic mail. If the applicant wishes to receive their permit via electronic mail, please provide an e-mail address here:</i> _____						

1. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR INFORMATION (Continued)					
Property owner(s) legal name, if different from applicant Same as applicant			Contractor, if known East Bay Construction		
Mailing address			Mailing address 3001 Douglas Road		
City	State	ZIP code	City	State	ZIP code
			Chesapeake	VA	23322
Phone number w/area code	Fax		Phone number w/area code	Fax	
			757-463-1735		
Mobile	E-mail		Mobile	E-mail	
				info@eastbaymarine.com	
State Corporation Commission Name and ID number (if applicable)			State Corporation Commission Name ID number (if applicable)		
			05361498		

2. PROJECT LOCATION INFORMATION (Attach a copy of a detailed map, such as a USGS topographic map or street map showing the site location and project boundary, so that it may be located for inspection. Include an arrow indicating the north direction. Include the drainage area if the SPGP box is checked on Page 7.)	
Street Address (911 address if available) 500 Lighthouse Point	City/County/ZIP Code Virginia Beach, VA 23451
Subdivision Harbour Point	Lot/Block/Parcel # Lot 14A, Resub. of Rudee Heights, Harbour Point
Name of water body(ies) within project boundaries and drainage area (acres or square miles). Lake Rudee	
Tributary(ies) to: <u>Atlantic Ocean</u> Basin: _____ Sub-basin: _____ (Example: Basin: <u>James River</u> Sub-basin: <u>Middle James River</u>)	
Special Standards (based on DEQ Water Quality Standards 9VAC25-260 et seq.): _____	
Project type (check one) <input checked="" type="checkbox"/> Single user (private, non-commercial, residential) <input type="checkbox"/> Multi-user (community, commercial, industrial, government) <input type="checkbox"/> Surface water withdrawal	
Latitude and longitude at center of project site (decimal degrees): <u>36.82741</u> / <u>-75.97666</u> (Example: 37.33164/-77.68200)	
USGS topographic map name: <u>City of Virginia Beach</u>	
8-digit USGS Hydrologic Unit Code (HUC) for your project site (See http://cfpub.epa.gov/surf/locate/index.cfm): <u>02040304</u> If known, indicate the 10-digit and 12-digit USGS HUCs (see http://consapps.dcr.virginia.gov/htdocs/maps/HUEXplorer.htm): <u>0204030405</u> <u>020403040501</u>	
Name of your project (Example: <i>Water Creek driveway crossing</i>) <u>Darden Bulkhead, Dredging, & Pier</u>	
Is there an access road to the project? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No. If yes, check all that apply: <input checked="" type="checkbox"/> public <input type="checkbox"/> private <input checked="" type="checkbox"/> improved <input type="checkbox"/> unimproved	
Total size of the project area (in acres): <u>0.08 Acres</u>	

2. PROJECT LOCATION INFORMATION (Continued)

Provide driving directions to your site, giving distances from the best and nearest visible landmarks or major intersections:
The project is located on public roads.

Does your project site cross boundaries of two or more localities (i.e., cities/counties/towns)? Yes No
If so, name those localities: _____

3. DESCRIPTION OF THE PROJECT, PROJECT PRIMARY AND SECONDARY PURPOSES, PROJECT NEED, INTENDED USE(S), AND ALTERNATIVES CONSIDERED (Attach additional sheets if necessary)

- The purpose and need must include any new development or expansion of an existing land use and/or proposed future use of residual land.
- Describe the physical alteration of surface waters, including the use of pilings (#, materials), vibratory hammers, explosives, and hydraulic dredging, when applicable, and whether or not tree clearing will occur (include the area in square feet and time of year).
- Include a description of alternatives considered and measures taken to avoid or minimize impacts to surface waters, including wetlands, to the maximum extent practicable. Include factors such as, but not limited to, alternative construction technologies, alternative project layout and design, alternative locations, local land use regulations, and existing infrastructure
- For utility crossings, include both alternative routes and alternative construction methodologies considered
- For surface water withdrawals, public surface water supply withdrawals, or projects that will alter in stream flows, include the water supply issues that form the basis of the proposed project.

The project is to remove the existing bulkhead, pier, float, gangway, & a portion of the existing riprap, dredge 10 CYs of sub-aqueous bottom, grade 115 CYs of upland, construct 86 LF of vinyl/composite bulkhead, construct a 4'x21' wharf, and install an 8'x32' float with a 3'x16' gangway as shown in the permit drawings.

The bulkhead will use either 10" or 12" piles to be determined by the engineer, the wharf will use (3) 10" timber piles, and the float will use (2) 10" timber piles driven via a vibratory hammer mounted to an excavator on land.

Date of proposed commencement of work (MM/DD/YYYY) 08/01/2023	Date of proposed completion of work (MM/DD/YYYY) 10/01/2023
Are you submitting this application at the direction of any state, local, or federal agency? ____ Yes <u> X </u> No	Has any work commenced or has any portion of the project for which you are seeking a permit been completed? ____ Yes <u> X </u> No

If you answered "yes" to either question above, give details stating when the work was completed and/or when it commenced, who performed the work, and which agency (if any) directed you to submit this application. In addition, you will need to clearly differentiate between completed work and proposed work on your project drawings.

Are you aware of any unresolved violations of environmental law or litigation involving the property? ____ Yes X No
(If yes, please explain)

8. WETLANDS/WATERS IMPACT INFORMATION (Continued)					
Cowardin classification of impacted wetland/water or geomorphological classification of stream <i>Example wetland: PFO; Example stream: 'C' channel and if tidal, whether vegetated or non-vegetated wetlands per Section 28.2-1300 of the Code of Virginia</i>	E1UBLx				
Average stream flow at site (flow rate under normal rainfall conditions in cubic feet per second) and method of deriving it (gage, estimate, etc.)					
Contributing drainage area in acres or square miles (VMRC cannot complete review without this information)	< 1 sq. mile				
DEQ classification of impacted resource(s): Estuarine Class II Non-tidal waters Class III Mountainous zone waters Class IV Stockable trout waters Class V Natural trout waters Class VI Wetlands Class VII https://law.lis.virginia.gov	Estuarine Class II				
For DEQ permitting purposes, also submit as part of this section a wetland and waters boundary delineation map – see (3) in the Footnotes section in the form instructions.					
For DEQ permitting purposes, also submit as part of this section a written disclosure of all wetlands, open water, or streams that are located within the proposed project or compensation areas that are also under a deed restriction, conservation easement, restrictive covenant, or other land-use protective instrument.					

9. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR CERTIFICATIONS
READ ALL OF THE FOLLOWING CAREFULLY BEFORE SIGNING
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 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.

4. PROJECT COSTS

Approximate cost of the entire project, including materials and labor: \$ 150,000.00
 Approximate cost of only the portion of the project affecting state waters (channelward of mean low water in tidal areas and below ordinary high water mark in nontidal areas): \$ 75,000.00

5. PUBLIC NOTIFICATION (Attach additional sheets if necessary)

Complete information for all property owners adjacent to the project site and across the waterway, if the waterway is less than 500 feet in width. If your project is located within a cove, you will need to provide names and mailing addresses for all property owners within the cove. If you own the adjacent lot, provide the requested information for the first adjacent parcel beyond your property line. Per Army Regulation (AR 25-51) outgoing correspondence must be addressed to a person or business.
Failure to provide this information may result in a delay in the processing of your application by VMRC.

Property owner's name	Mailing address	City	State	ZIP code
Cynthia A. Sabol	504 Lighthouse Point	Virginia Beach, VA 23451	VA	23451
City of Virginia Beach	2401 Courthouse Drive	Virginia Beach	VA	23456
Diana R. Schwoeppe RT	3729 Boomer Road	Cincinnati, OH 45247	VA	23451

Name of newspaper having general circulation in the area of the project: Virginian Pilot
 Address and phone number (including area code) of newspaper 150 W. Brambleton Avenue, Norfolk, VA 23510
 Have adjacent property owners been notified with forms in Appendix A? Yes No (attach copies of distributed forms)

6. THREATENED AND ENDANGERED SPECIES INFORMATION

Please provide any information concerning the potential for your project to impact state and/or federally threatened and endangered species (listed or proposed). Attach correspondence from agencies and/or reference materials that address potential impacts, such as database search results or confirmed waters and wetlands delineation/jurisdictional determination. Include information when applicable regarding the location of the project in Endangered Species Act-designated or -critical habitats. Contact information for the U.S. Fish and Wildlife Service, National Oceanic and Atmospheric Administration, Virginia Dept. of Game and Inland Fisheries, and the Virginia Dept. of Conservation and Recreation-Division of Natural Heritage can be found on page 4 of this package.

7. HISTORIC RESOURCES INFORMATION

Note: Historic properties include but are not limited to archeological sites, battlefields, Civil War earthworks, graveyards, buildings, bridges, canals, etc. Prospective permittees should be aware that section 110k of the NHPA (16 U.S.C. 470h-2(k)) prevents the USACE from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the USACE, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant.

Are any historic properties located within or adjacent to the project site? Yes No Uncertain
 If Yes, please provide a map showing the location of the historic property within or adjacent to the project site.

Are there any buildings or structures 50 years old or older located on the project site? Yes No Uncertain
 If Yes, please provide a map showing the location of these buildings or structures on the project site.

Is your project located within a historic district? Yes No Uncertain
 If Yes, please indicate which district: _____

7. HISTORIC RESOURCES INFORMATION (Continued)

Has a survey to locate archeological sites and/or historic structures been carried out on the property?

Yes No Uncertain

If Yes, please provide the following information: Date of Survey: _____

Name of firm: _____

Is there a report on file with the Virginia Department of Historic Resources? Yes No Uncertain



Title of Cultural Resources Management (CRM) report: _____

Was any historic property located? Yes No Uncertain

8. WETLANDS, WATERS, AND DUNES/BEACHES IMPACT INFORMATION

Report each impact site in a separate column. If needed, attach additional sheets using a similar table format. Please ensure that the associated project drawings clearly depict the location and footprint of each numbered impact site. For dredging, mining, and excavating projects, use Section 17.

	Impact site number 1	Impact site number 2	Impact site number 3	Impact site number 4	Impact site number 5
Impact description (use all that apply): F=fill EX=excavation S=Structure T=tidal NT=non-tidal TE=temporary PE=permanent PR=perennial IN=intermittent SB=subaqueous bottom DB=dune/beach IS=hydrologically isolated V=vegetated NV=non-vegetated MC=Mechanized Clearing of PFO (Example: F, NT, PE, V)	EX, T, TE, SB	EX, T, PE, NV			
Latitude / Longitude (in decimal degrees)	36.82768, -75.97658	36.8276, -75.9765			
Wetland/waters impact area (square feet / acres)	331 sf / 0.008 ac	32 sf / 0.0007 ac			
Dune/beach impact area (square feet)	N/A	N/A			
Stream dimensions at impact site (length and average width in linear feet, and area in square feet)	40' wide 450' long	40' wide 450' long			
Volume of fill below Mean High Water or Ordinary High Water (cubic yards)	0 CYs	0 CYs			

9. APPLICANT, AGENT, PROPERTY OWNER, AND CONTRACTOR CERTIFICATIONS (Continued)	
Is/Are the Applicant(s) and Owner(s) the same? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Legal name & title of Applicant Michael & Shannon Darden	Second applicant's legal name & title, if applicable
Proposed by: Applicant's signature 	Second applicant's signature
Date: FB427518D5482... 11/30/2022	Date
Property owner's legal name, if different from Applicant	Second property owner's legal name, if applicable
Property owner's signature, if different from Applicant	Second property owner's signature
Date	Date
CERTIFICATION OF AUTHORIZATION TO ALLOW AGENT(S) TO ACT ON APPLICANT'S(S) BEHALF (IF APPLICABLE)	
I (we), <u>Michael & Shannon Darden</u> (and) _____, APPLICANT'S LEGAL NAME(S) – complete the second blank if more than one Applicant hereby certify that I (we) have authorized <u>Waterfront Consulting, Inc.</u> (and) _____ AGENT'S NAME(S) – complete the second blank if more than one Agent to act on my (our) behalf and take all actions necessary to the processing, issuance, and acceptance of this permit and any and all standard and special conditions attached. I (we) hereby certify that the information submitted in this application is true and accurate to the best of my (our) knowledge.	
Proposed by: Applicant's signature 	Second applicant's signature, if applicable
Date: 0FB425518D5482... 11/30/2022	Date
Proposed by: Agent's signature and title <u>Robert E. Simon, V.P.</u>	Second agent's signature and title, if applicable
Date: B536F053A5417... 1/18/2023	Date
CONTRACTOR ACKNOWLEDGEMENT (IF APPLICABLE)	
I (we), <u>Michael & Shannon Darden</u> (and) _____, APPLICANT'S LEGAL NAME(S) – complete the second blank if more than one Applicant have contracted _____ (and) _____ CONTRACTOR'S NAME(S) – complete the second blank if more than one Contractor to perform the work described in this Joint Permit Application, signed and dated _____. I (we) will read and abide by all conditions as set forth in all federal, state, and local permits as required for this project. I (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, I (we) agree to make available a copy of any permit to any regulatory representative visiting the project site to ensure permit compliance. If I (we) fail to provide the applicable permit upon request, I (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 of the terms and conditions.	
Contractor's name or name of firm (printed/typed)	Contractor's or firm's mailing address
Contractor's signature and title	Contractor's license number
Applicant's signature	Date
Date	Second applicant's signature, if applicable
Date	Date



END OF GENERAL INFORMATION

The following sections are activity-specific. Fill out only the sections that apply to your particular project.

10. PRIVATE PIERS, MARGINAL WHARVES, AND UNCOVERED BOAT LIFTS

Regional Permit 17 (RP-17), authorizes the installation and/or construction of open-pile piers, mooring structures/devices, fender piles, covered boathouses/boatslips, boatlifts, osprey pilings/platforms, accessory pier structures, and certain devices associated with shellfish gardening, for private use, subject to strict compliance with all conditions and limitations further set out in the RP-17 enclosure located at <http://www.nao.usace.army.mil/Missions/Regulatory/RBregional/>. In addition to the information required in this JPA, prospective permittees seeking authorization under RP-17 must complete and submit the 'Regional Permit 17 Checklist' with their JPA. A copy of the 'Regional Permit 17 Checklist' is found in Appendix B of this application package. If the prospective permittee answers "yes" (or "N/A", where applicable) to all of the questions on the 'Regional Permit 17 Checklist', the permittee is in compliance with RP-17 and will not receive any other written authorization from the Corps but may not proceed with construction until they have obtained all necessary state and local permits. **Note: If the prospective permittee answers "no" to any of the questions on the 'Regional Permit 17 Checklist' then their proposed structure(s) does not meet the terms and conditions of RP-17 and written authorization from the Corps is required before commencement of any work.**

If the prospective permittee answers "no" to any of the questions on the 'Regional Permit 17 Checklist' then their proposed structure(s) does not meet the terms and conditions of RP-17 and written authorization from the Corps is required before commencement of any work. In those circumstances, the following information must be included in the application and/or on the drawings in order for the application to be considered complete:

1. The applicant **MUST** provide written justification/need for the encroachment if the proposed structure(s) will extend greater than one- fourth of the distance across the waterway measured from either mean high water to mean high water (including all channelward wetlands) or ordinary high water to ordinary high water (including all channelward wetlands). The measurement should be based on the narrowest distance across the waterway regardless of the orientation of the proposed structure(s).
2. The applicant **MUST** provide written justification/need if the proposed structure(s) is greater than five (5) feet wide or there will be less than four (4) feet elevation between the decking and the vegetated wetlands substrate.
3. The Corps **MAY** require depth soundings across the waterway at increments designated by the Corps project manager. Inclusion of depth sounding data in the original JPA submittal is highly recommended in order to expedite permit evaluation. Depth soundings are typically taken at 10-foot increments for waterways less than 200 feet wide and 20-foot increments for waterways greater than 200 feet wide. Please include the date and time the measurements were taken, whether the data was collected at mean low water (MLW) or MHW, and how the soundings were taken (e.g., tape, range finder, etc.).

Number of vessels to be moored at the pier or wharf:
One _____

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

In the spaces provided below, give the type (e.g., sail, power, skiff, etc.), size, and registration number of the vessel(s) to be moored

TYPE	LENGTH	WIDTH	DRAFT	REGISTRATION #

11. BOATHOUSES, GAZEBOS, COVERED BOAT LIFTS, AND OTHER ROOFED STRUCTURES OVER WATERWAYS

Number of vessels to be moored at the proposed structure:

Will the sides of the structure be enclosed? Yes No
Area covered by the roof structure _____ square feet

In the spaces provided below, give the type (e.g., sail, power, skiff, etc.), size, and registration number of the vessel(s) to be moored

TYPE	LENGTH	WIDTH	DRAFT	REGISTRATION #

15. TIDAL/NONTIDAL SHORELINE STABILIZATION STRUCTURES (INCLUDING BULKHEADS AND ASSOCIATED BACKFILL, RIPRAP REVETMENTS AND ASSOCIATED BACKFILL, MARSH TOE STABILIZATION, GROINS, JETTIES, AND BREAKWATERS, ETC.) 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.

Is any portion of the project maintenance or replacement of an existing and currently serviceable structure? Yes No
 If yes, give length of existing structure: 56 linear feet

If your maintenance project entails replacement of a bulkhead, is it possible to construct the replacement bulkhead within 2 feet channelward of the existing bulkhead? Yes No If not, please explain below:
 There is a very small section where the bulkhead goes approximately 4 feet in front of the existing bulkhead due the shape of the site. The majority of the bulkhead is landward of the existing bulkhead.

Length of proposed structure, including returns: 86 linear feet

Average channelward encroachment of the structure from Mean high water/ordinary high water mark: <u>1</u> feet	Maximum channelward encroachment of the structure from Mean high water/ordinary high water mark: <u>4</u> feet
Mean low water: <u>1</u> feet	Mean low water: <u>4</u> feet
Maximum channelward encroachment form the back edge of the Dune <u>N/A</u> feet	Maximum channelward encroachment from the back edge of the Beach <u>N/A</u> feet

Describe the type of construction including all materials to be used (including all fittings). Will filter cloth be used? Yes No
 The bulkhead will be vinyl or composite sheet piles, CCA treated timbers, H.D. galvanized hardware, and clean sand backfill.

What is the source of the backfill material? On site material

What is the composition of the backfill material? 95% sand, 5% organics

If rock is to be used, give the average volume of material to be used for every linear foot of construction: _____ cubic yards
 What is the volume of material to be placed below the plane of ordinary high water mark/mean high water? _____ cubic yards

For projects involving stone:
 Average weight of core material (bottom layers): _____ pounds per stone (Class _____)
 Average weight of armor material (top layers): _____ pounds per stone (Class _____)

Are there similar shoreline stabilization structures in the vicinity of your project site? Yes No
 If so, describe the type(s) and location(s) of the structure(s):

If you are building a groin or jetty, will the channelward end of the structure be marked to show a hazard to navigation? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has your project been reviewed by the Shoreline Erosion Advisory Service (SEAS)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please attach a copy of their comments.
---	---

16. BEACH NOURISHMENT

Source of material and composition (percentage sand, silt, clay): _____	Volume of material: _____ cubic yards
Area to be covered _____ square feet channelward of mean low water _____ square feet channelward of mean high water _____ square feet landward of mean low water _____ square feet channelward of mean high water	
Mode of transportation of material to the project site (truck, pipeline, etc.):	

16. BEACH NOURISHMENT (Continued)

Describe the type(s) of vegetation proposed for stabilization and the proposed planting plan, including schedule, spacing, monitoring, etc. Attach additional sheets if necessary.

17. DREDGING, MINING, AND EXCAVATING

FILL OUT THE FOLLOWING TABLE FOR DREDGING PROJECTS

	NEW dredging				MAINTENANCE dredging			
	Hydraulic		Mechanical (clamshell, dragline, etc.)		Hydraulic		Mechanical (clamshell, dragline, etc.)	
	Cubic yards	Square feet	Cubic yards	Square feet	Cubic yards	Square feet	Cubic yards	Square feet
Vegetated wetlands								
Non-vegetated wetlands								
Subaqueous land			10	332				
Totals			10	332				

Is this a one-time dredging event? Yes No If "no", how many dredging cycles are anticipated: _____
 (____ initial cycle in cu. yds.) (____ subsequent cycles in cu. yds.)

Composition of material (percentage sand, silt, clay, rock):
 Provide documentation (i.e., laboratory results or analytical reports) that dredged material from on-site areas is free of toxics. If not free of toxics, provide documentation of proper disposal (i.e., bill of lading from commercial supplier or disposal site).

See attached laboratory report.

Please include a dredged material management plan that includes specifics on how the dredged material will be handled and retained to prevent its entry into surface waters or wetlands. If on-site dewatering is proposed, please include plan view and cross-sectional drawings of the dewatering area and associated outfall. The dredge material is sand/silt mix.

Will the dredged material be used for any commercial purpose or beneficial use? Yes No
 If yes, please explain:

If this is a maintenance dredging project, what was the date that the dredging was last performed? _____
 Permit number of original permit: _____ (It is important that you attach a copy of the original permit.)

17. DREDGING, MINING, AND EXCAVATING (Continued)	
<p><i>For mining projects:</i> On separate sheets of paper, explain the operation plans, including: 1) the frequency (e.g., every six weeks), duration (i.e., April through September), and volume (in cubic yards) to be removed per operation; 2) the temporary storage and handling methods of mined material, including the dimensions of the containment berm used for upland disposal of dredged material and the need (or no need) for a liner or impermeable material to prevent the leaching of any identified contaminants into ground water; 3) how equipment will access the mine site; and 4) verification that dredging: a) will not occur in water body segments that are currently on the effective Section 303(d) Total Maximum Daily Load (TMDL) priority list (available at http://www.deq.virginia.gov/Programs/Water/WaterQualityInformationTMDLs/TMDL/TMDLDevelopment/TMDLProgramPriorities.asp x) or that have an approved TMDL; b) will not exacerbate any impairment; and c) will be consistent with any waste load allocation/limit/conditions imposed by an approved TMDL (see, "What's in my backyard" or subsequent spatial files at http://www.deq.virginia.gov/ConnectWithDEQ/VEGIS.aspx to determine the extent of TMDL watersheds and impairment segments).</p> <p>Have you applied for a permit from the Virginia Department of Mines, Minerals and Energy? ____ Yes <input checked="" type="checkbox"/> No If Yes: Existing permit number: _____ Date permit issued: _____</p>	
Contributing drainage area: _____ square miles	Average stream flow at site (flow rate under normal rainfall conditions): _____ cfs

18. FILL (not associated with backfilled shoreline structures) AND OTHER STRUCTURES (other than piers and bathouses) IN WETLANDS OR WATERS, OR ON DUNES/BEACHES	
<p>Source and composition of fill material (percentage sand, silt, clay, rock): _____</p> <p>Provide documentation (i.e., laboratory results or analytical reports) that fill material from off-site locations is free of toxics. If not free of toxics, provide documentation of proper disposal (i.e., bill of lading from commercial supplier or disposal site). Documentation is not necessary for fill material obtained from on-site areas.</p> <p>Explain the purpose of the filling activity and the type of structure to be constructed over the filled area (if any): _____</p> <p>Describe any structure that will be placed in wetlands/waters or on a beach dune and its purpose: _____</p>	
Will the structure be placed on pilings? ____ Yes ____ No	Total area occupied by any structure. _____ Square Feet
How far will the structure be placed channelward from the back edge of the dune? _____ feet	How far will the structure be placed channelward from the back edge of the beach? _____ feet

19. NONTIDAL STREAM CHANNEL MODIFICATIONS FOR RESTORATION OR ENHANCMENT, or TEMPORARY OR PERMANENT RELOCATIONS	
<p><i>If proposed activities are being conducted for the purposes of compensatory mitigation, please attach separate sheets of paper providing all information required by the most recent version of the stream assessment methodology approved by the Norfolk District of the U.S. Army Corps of Engineers and the Virginia Department of Environmental Quality, in lieu of completing the questions below. Required information outlined by the methodology can be found at: http://www.nao.usace.army.mil/Missions/Regulatory/UnifiedStreamMethodology.aspx or http://www.deq.virginia.gov/Programs/Water/WetlandsStreams/Mitigation.aspx.</i></p> <p><i>For all projects proposing stream restoration provide a completed Natural Channel Design Review Checklist and Selected Morphological Characteristics form. These forms and the associated manual can be located at: https://www.fws.gov/chesapeakebay/StreamReports/NCD%20Review%20Checklist/Natural%20Channel%20Design%20Checklist%20Doc%20V2%20Final%2011-4-11.pdf</i></p>	
<p>Has the stream restoration project been designed by a local, state, or federal agency? ____ Yes ____ No. If yes, please include the name of the agency here: _____.</p> <p>Is the agency also providing funding for this project? ____ Yes ____ No</p>	
<p>Stream dimensions at impact site (length and average width in linear feet, and area in square feet): L: _____ (feet) AW: _____ (feet) Area: _____ (square feet)</p>	
Contributing drainage area: _____ acres or _____ square miles	

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

REVISED 10-09-03

PROJECT LOCATION: 500 Lighthouse Point

APPLICANT'S NAME: Michael & Shannon Darden

APPLICANT'S ADDRESS: 500 Lighthouse Point

Virginia Beach, VA 23451

ENGINEER OF RECORD: Sean E. Green, P.E.

PROFESSIONAL ENGINEER/ SURVEYOR

CERTIFYING PROJECT


CONSTRUCTION: Bulkhead, Dredging, Grading, Pier, & Float

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 12-12-2022
DATE

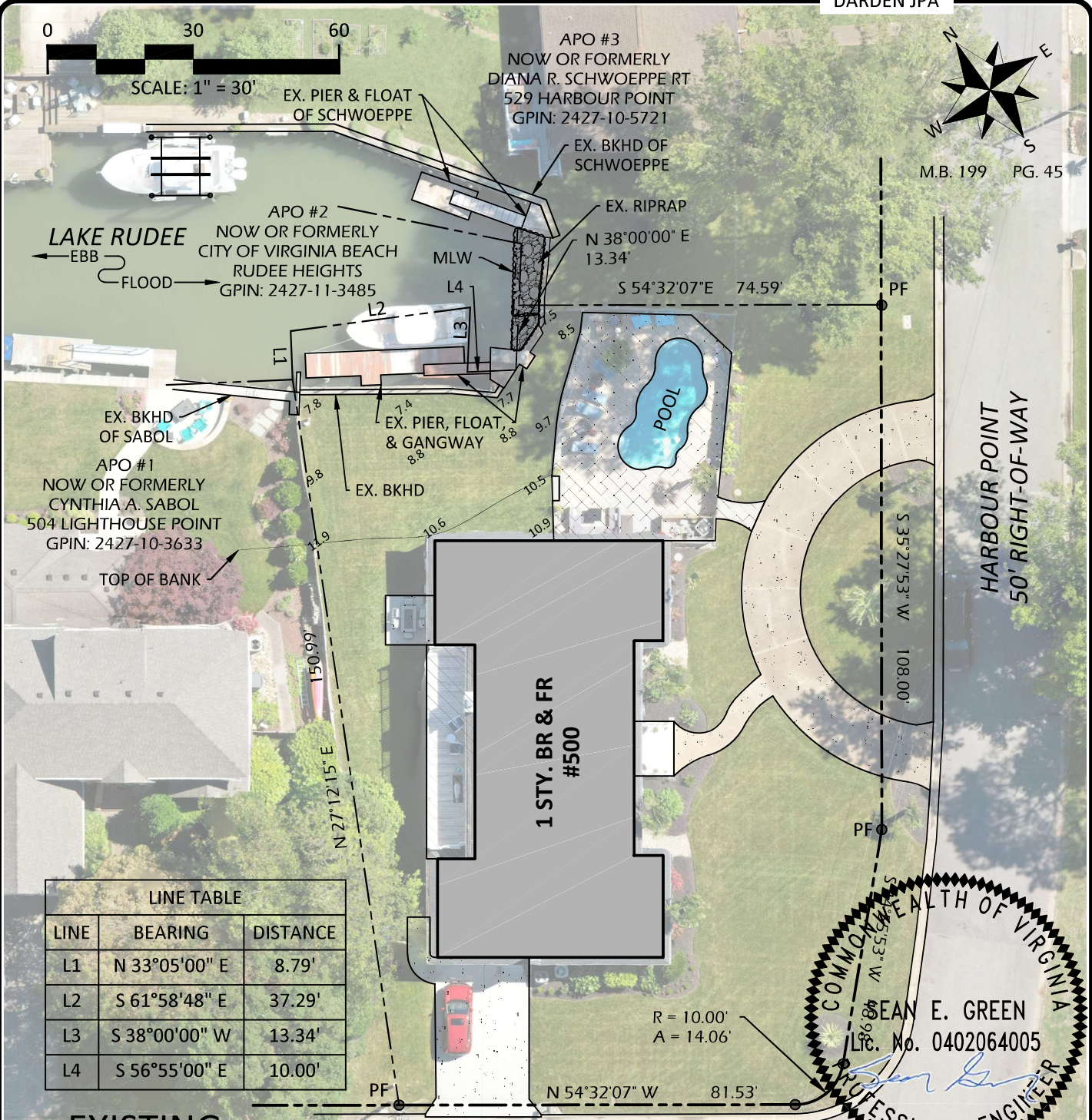
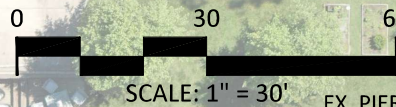
Sean E. Green, P.E.
TYPE OR PRINT NAME OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION

DocuSigned by:

SIGNATURE OF APPLICANT 11/30/2022
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. _____



LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 33°05'00" E	8.79'
L2	S 61°58'48" E	37.29'
L3	S 38°00'00" W	13.34'
L4	S 56°55'00" E	10.00'



EXISTING CONDITIONS

LIGHTHOUSE POINT
30' RIGHT-OF-WAY

Sean E. Green

Digitally signed by:
Sean E. Green
Date: 2022.12.12 21:
37:15 -05'00'

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PURPOSE: MAINTENANCE
DATUM: MLW = 0.00'
APOS:
1. CYNTHIA A. SABOL
2. CITY OF VIRGINIA BEACH
3. DIANA R. SCHWOEPP RT

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

PROP: BULKHEAD, DREDGING, PIER, EXCAVATION, FLOAT, & GANGWAY
IN: LAKE RUDEE
AT: 500 LIGHTHOUSE POINT VIRGINIA BEACH, VA 23451
APPLICATION BY: MICHAEL T. DARDEN
SHEET: 1 OF 11
DATE: NOVEMBER 17, 2022

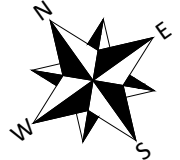
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ENGINEERING SERVICES PROVIDED BY:
STONE GREEN CONSULTING, LLC
4014 MEDINA ROAD #1015, AKRON, OH 44333
(330) 883-2117

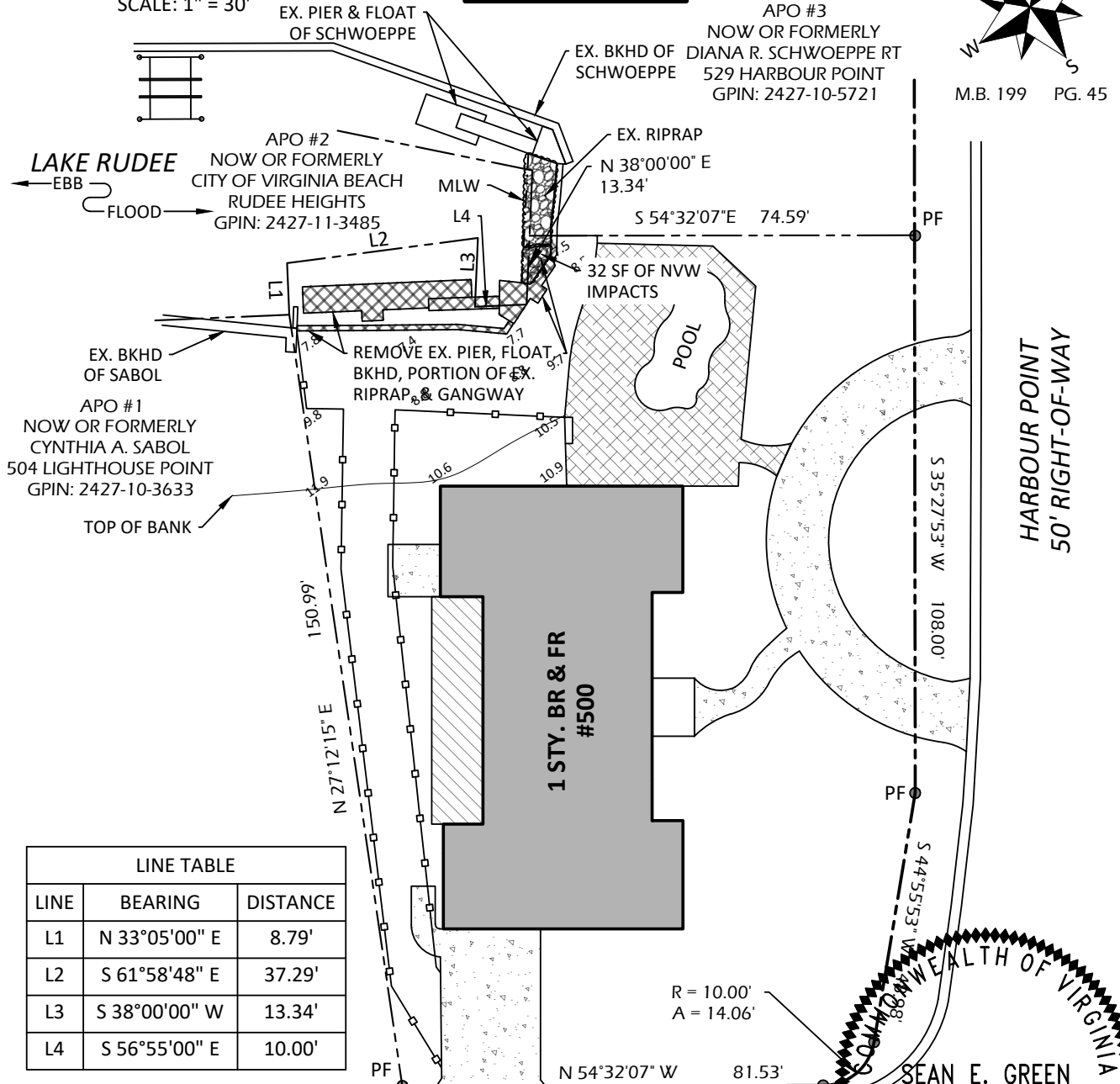


SCALE: 1" = 30'

ACCESSWAY = 2,139 SF
AREA IS APPROXIMATE



M.B. 199 PG. 45



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SITE ACCESS & DEMOLITION

LIGHTHOUSE POINT
30' RIGHT-OF-WAY



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**WATERFRONT
CONSULTING, INC.**

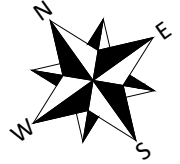
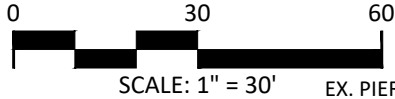
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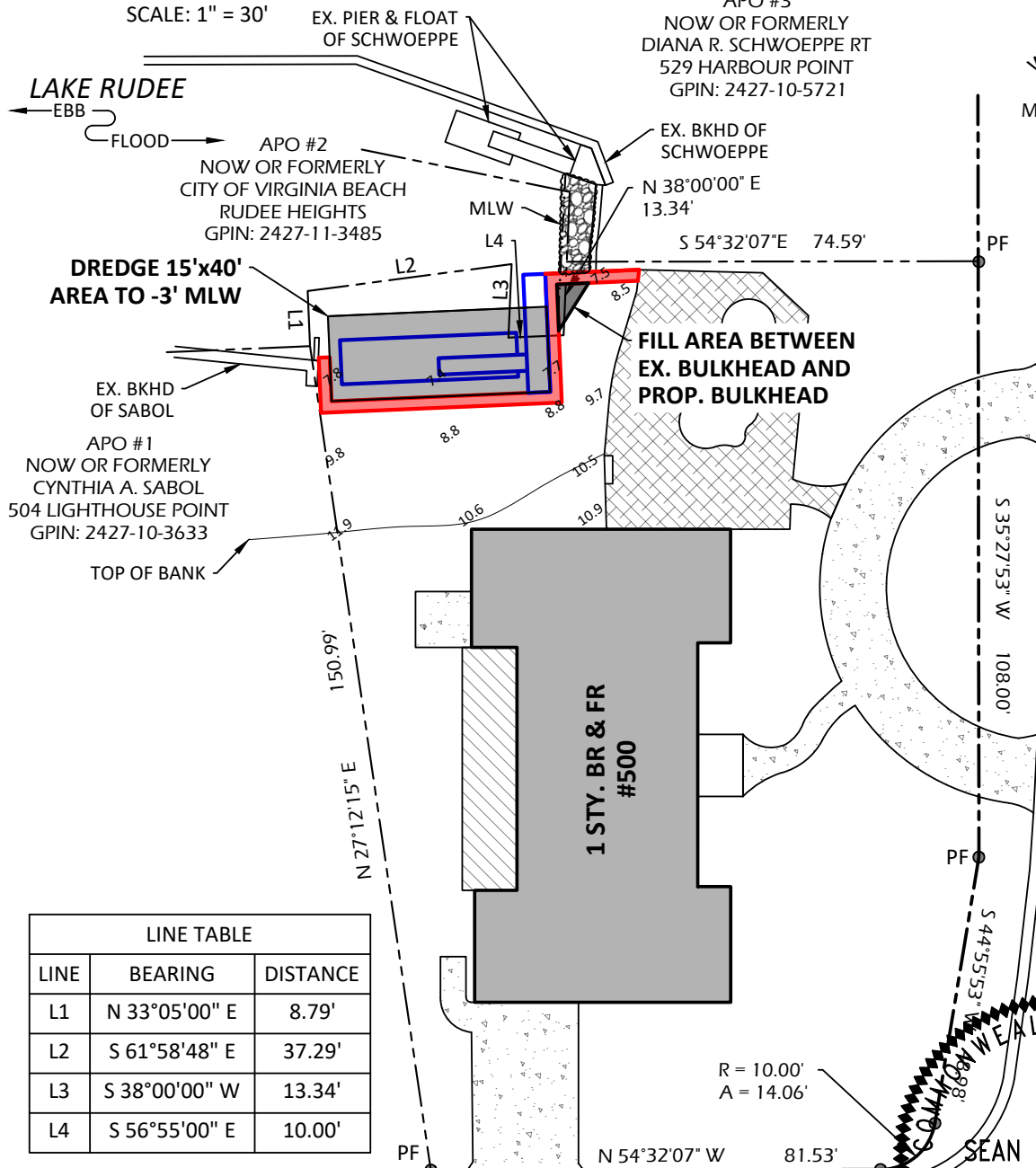
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VIRGINIA BEACH, VA 23451
APPLICATION BY:
MICHAEL T. DARDEN
SHEET: 2 OF 11
DATE: NOVEMBER 17, 2022

REV:



M.B. 199 PG. 45



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DREDGING & GRADING

LIGHTHOUSE POINT
30' RIGHT-OF-WAY

HARBOUR POINT
50' RIGHT-OF-WAY

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PURPOSE: MAINTENANCE
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APPLICATION BY:
MICHAEL T. DARDEN
SHEET: 3 OF 11
DATE: NOVEMBER 17, 2022

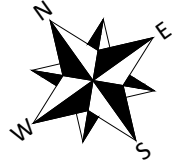
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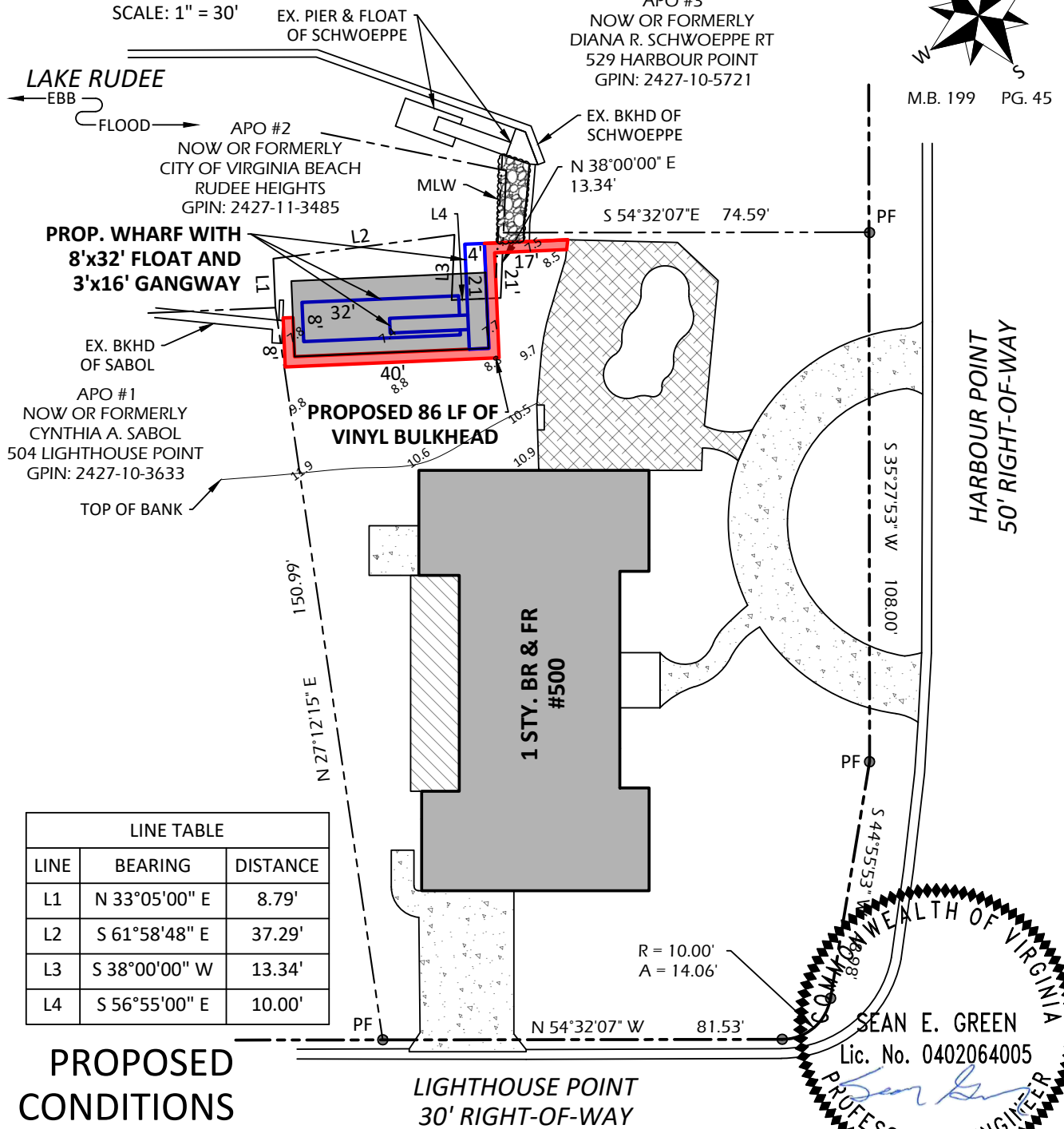
DARDEN JPA

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SCALE: 1" = 30'

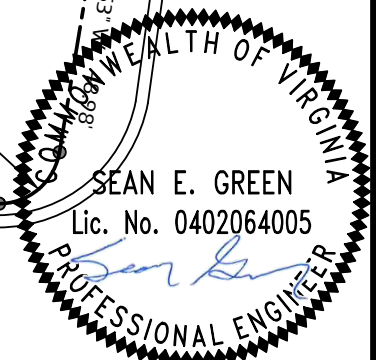


M.B. 199 PG. 45



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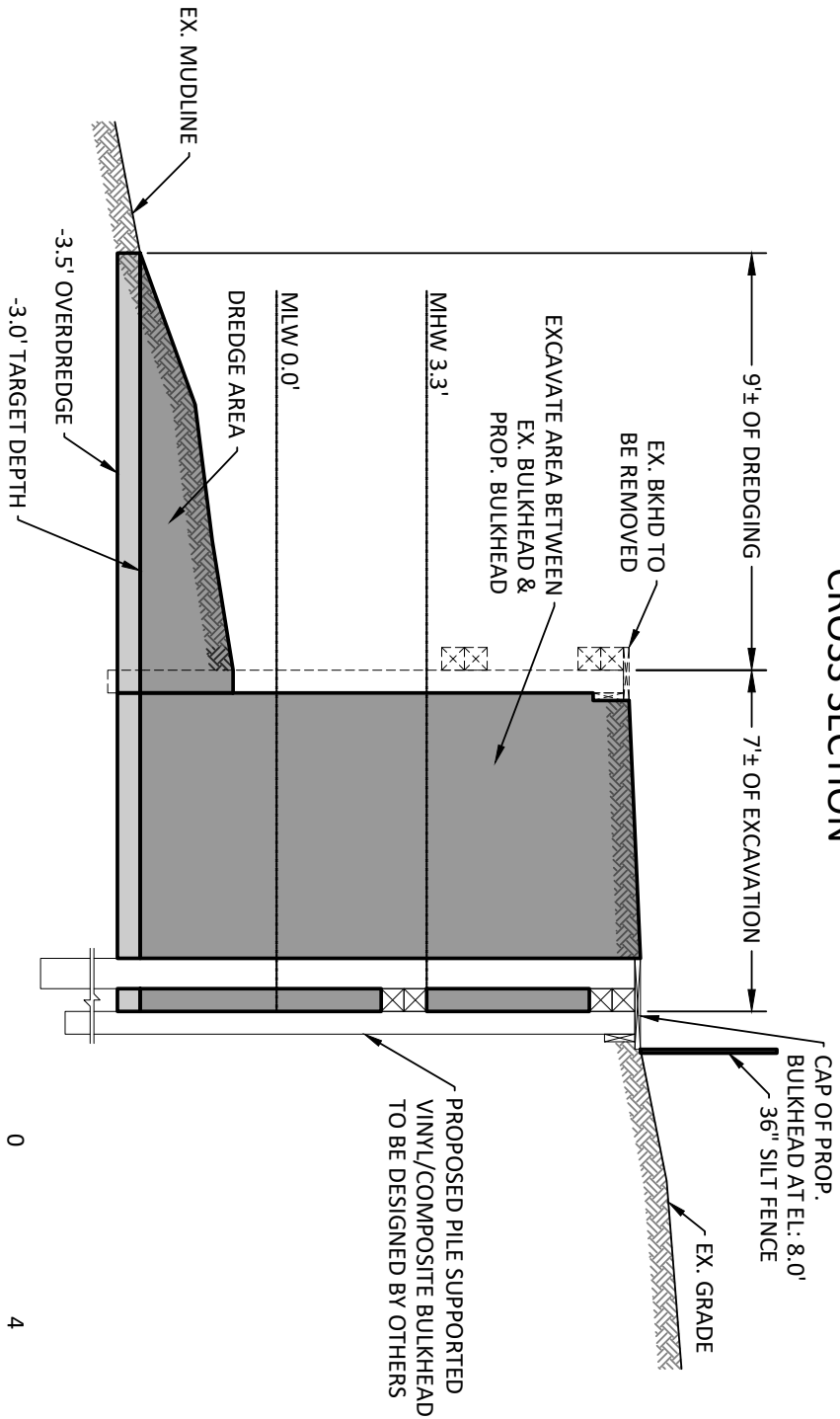
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VIRGINIA BEACH, VA 23451
APPLICATION BY:
MICHAEL T. DARDEN
SHEET: 4 OF 11
DATE: NOVEMBER 17, 2022

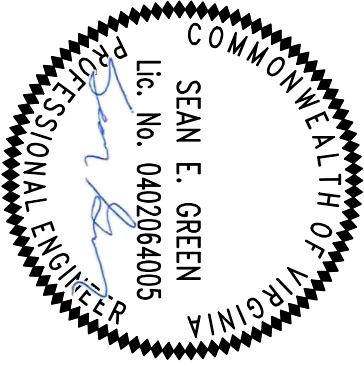
REV:

Additional Information/Revision Received by VMRC January 18, 2023 / Ira

PROPOSED DREDGING & EXCAVATION CROSS SECTION



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 REV:

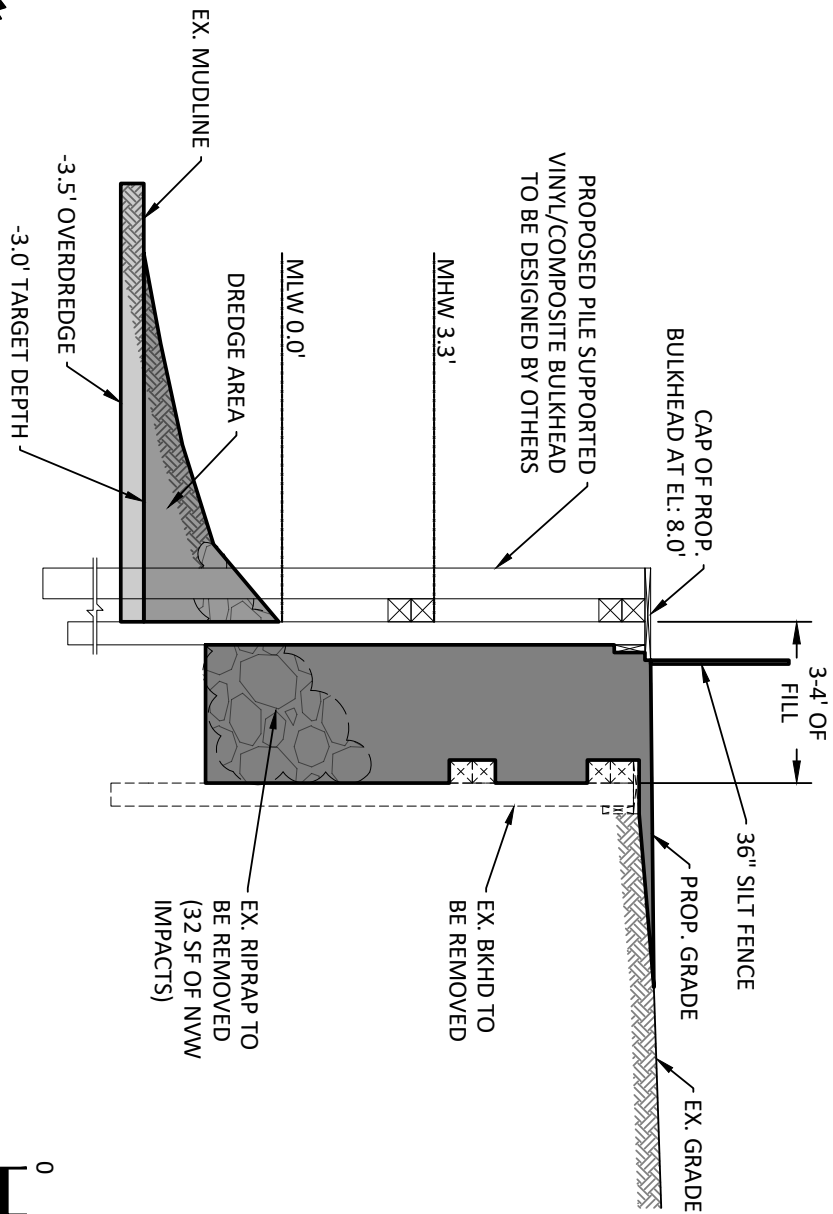
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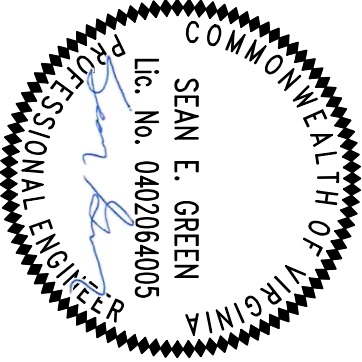
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 SHEET: 5 OF 11
 DATE: NOVEMBER 17, 2022

PROPOSED BULKHEAD WITH FILL CROSS SECTION



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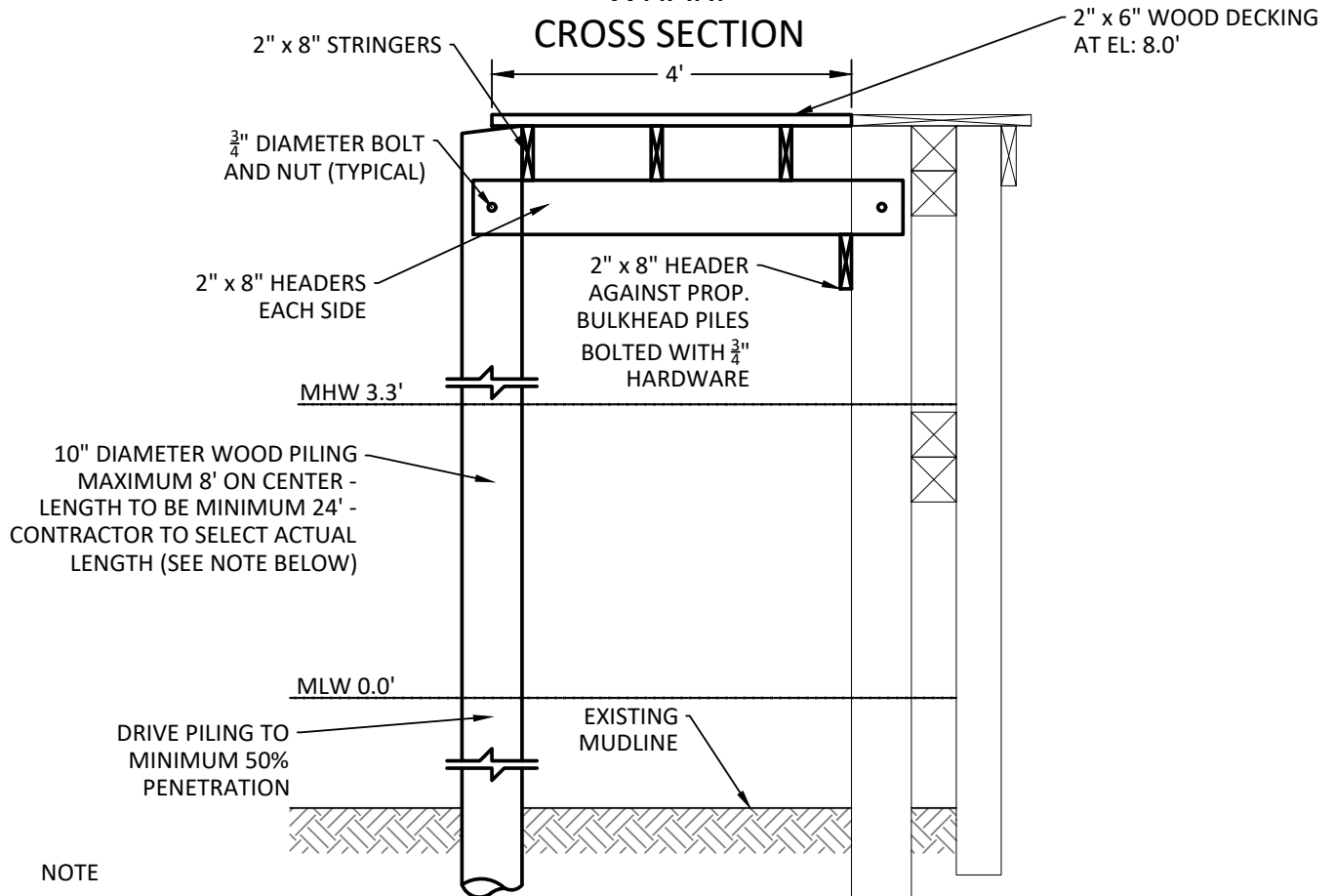


PURPOSE: MAINTENANCE
 DATUM: MLW = 0.00'
 APOS:
 1. CYNTHIA A. SABOL
 2. CITY OF VIRGINIA BEACH
 3. DIANA R. SCHWOEPEPE RT
 REV:

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
 (330) 883-2117

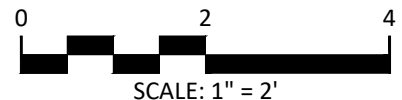
PROP: BULKHEAD, DREDGING, PIER, EXCAVATION, FLOAT, & GANGWAY
 IN: LAKE RUDEE
 AT: 500 LIGHTHOUSE POINT VIRGINIA BEACH, VA 23451
 APPLICATION BY: MICHAEL T. DARDEN
 SHEET: 6 OF 11
 DATE: NOVEMBER 17, 2022

PROPOSED WHARF CROSS SECTION



NOTE

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 CONFIRM SUBSURFACE SOIL CONDITIONS (FOR PILE LENGTH DETERMINATION).
5. PIER LAYOUT IS BASED ON VISUAL ON-SITE INSPECTION.
6. ABNORMAL SITE CONDITIONS NOT READILY APPARENT HAVE NOT BEEN TAKEN INTO ACCOUNT, AND MAY REQUIRE MODIFICATIONS TO THE MINIMUM PILE LENGTHS SHOWN.
7. 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: MAINTENANCE
 DATUM: MLW = 0.00'
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 2. CITY OF VIRGINIA BEACH
 3. DIANA R. SCHWOPPE RT



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

PROP: BULKHEAD, DREDGING, PIER, EXCAVATION, FLOAT, & GANGWAY
 IN: LAKE RUDEE
 AT: 500 LIGHTHOUSE POINT
 VIRGINIA BEACH, VA 23451
 APPLICATION BY:
 MICHAEL T. DARDEN
 SHEET: 7 OF 11
 DATE: NOVEMBER 17, 2022

REV:

NLAA COMPLIANCE

ITEM	8" PILE	10" PILE	12" PILE		
BULKHEAD		TBD			
PIER		3			
FLOAT		2			

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



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 APOS:
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 2. CITY OF VIRGINIA BEACH
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**WATERFRONT
 CONSULTING, INC.**

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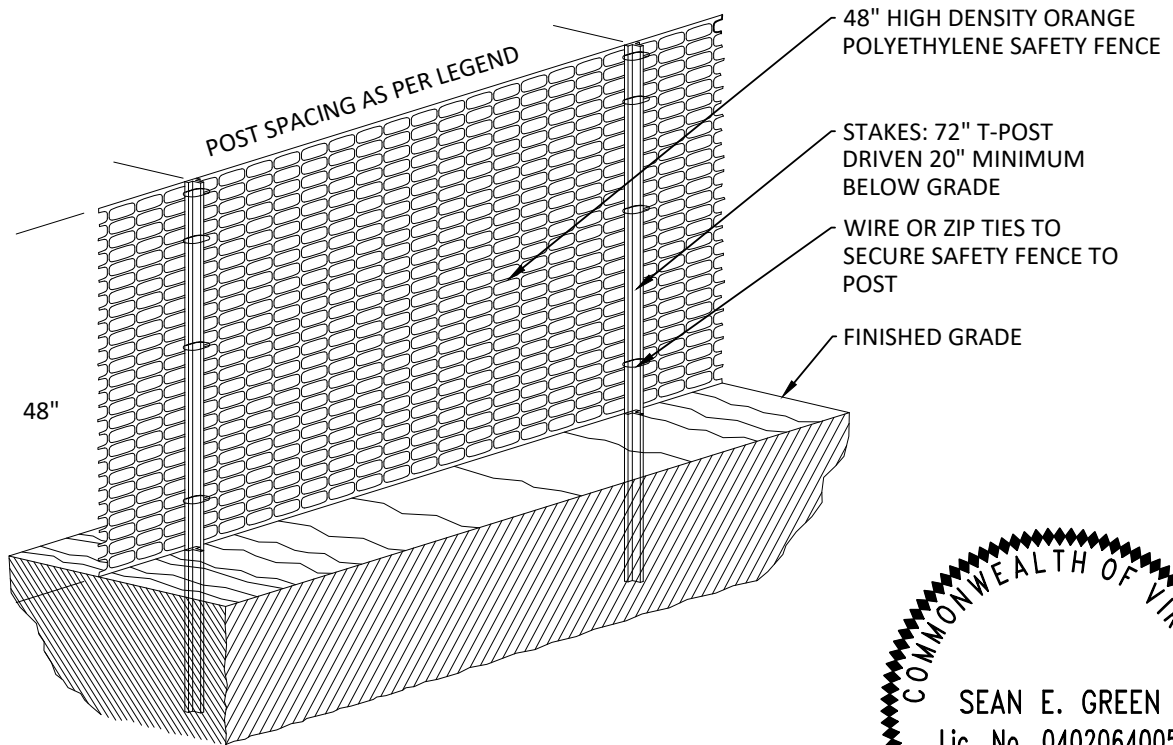
ENGINEERING SERVICES PROVIDED BY:
 STONE GREEN CONSULTING, LLC
 4014 MEDINA ROAD #1015, AKRON, OH 44333
 (330) 883-2117

PROP: BULKHEAD, DREDGING, PIER,
 EXCAVATION, FLOAT, & GANGWAY
 IN: LAKE RUDEE
 AT: 500 LIGHTHOUSE POINT
 VIRGINIA BEACH, VA 23451
 APPLICATION BY:
 MICHAEL T. DARDEN
 SHEET: 8 OF 11
 DATE: NOVEMBER 17, 2022

REV:

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: MAINTENANCE
 DATUM: MLW = 0.00'
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PROP: BULKHEAD, DREDGING, PIER,
 EXCAVATION, FLOAT, & GANGWAY
 IN: LAKE RUDEE
 AT: 500 LIGHTHOUSE POINT
 VIRGINIA BEACH, VA 23451
 APPLICATION BY:
 MICHAEL T. DARDEN
 SHEET: 9 OF 11
 DATE: NOVEMBER 17, 2022

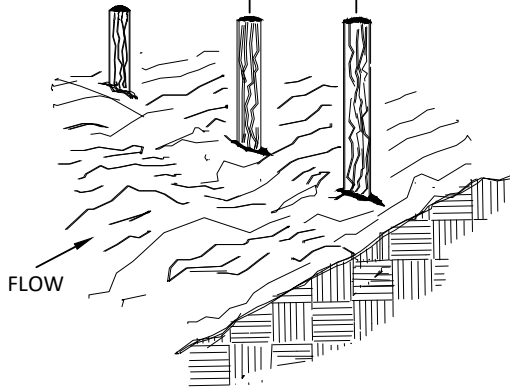
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REV:

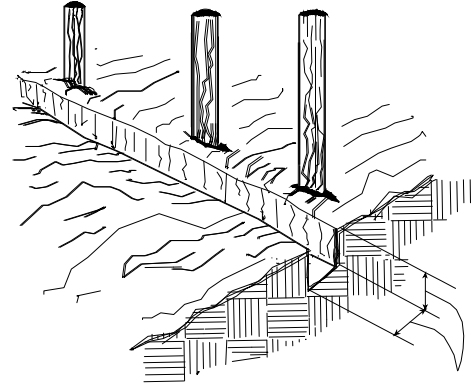
CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)

1. SET THE STAKES

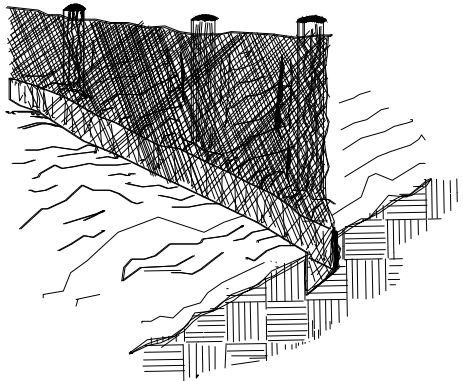
6' MAX.



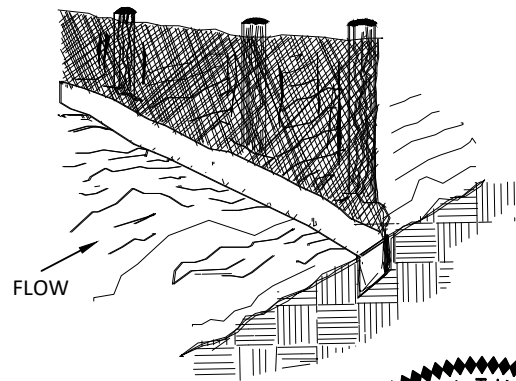
2. EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF STAKES



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



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 APPLICATION BY:
 MICHAEL T. DARDEN
 SHEET: 10 OF 11
 DATE: NOVEMBER 17, 2022

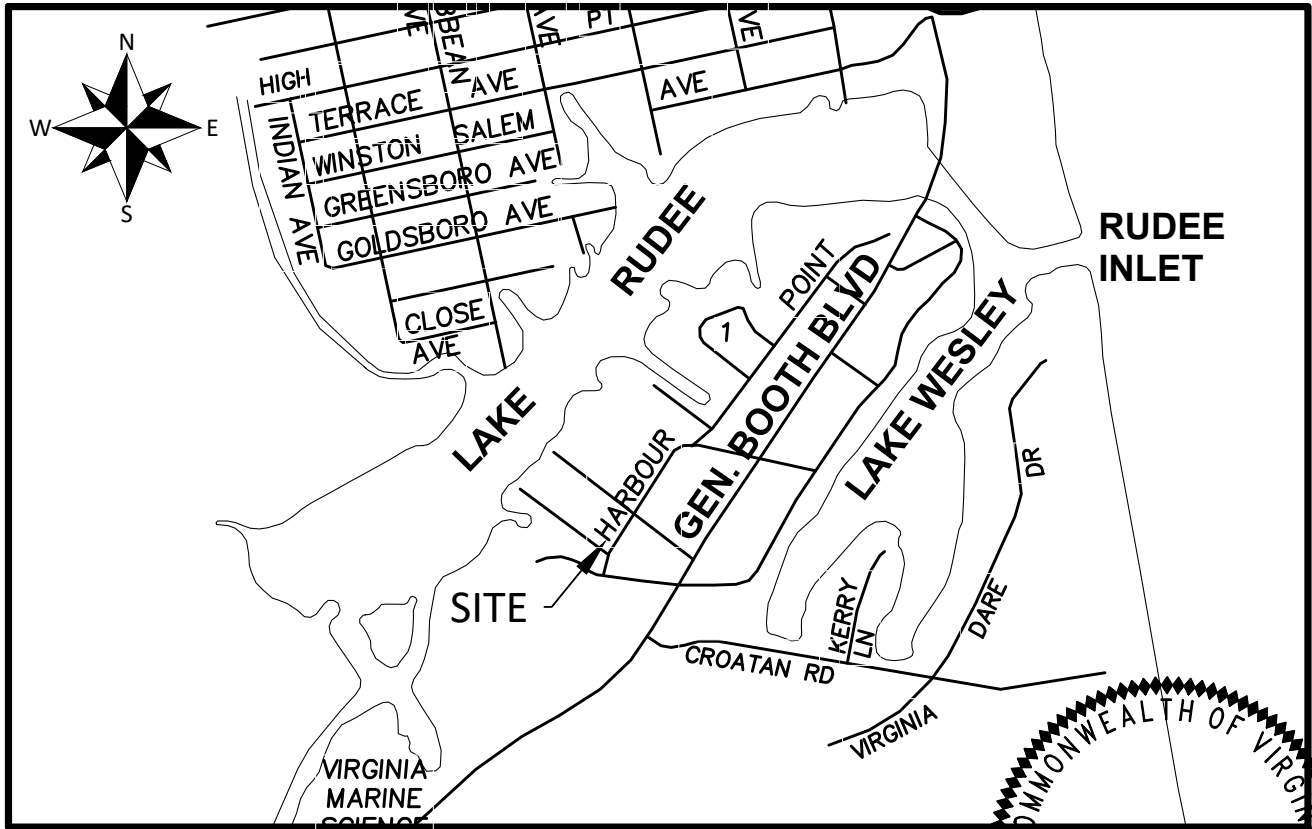
REV:

SITE INFORMATION

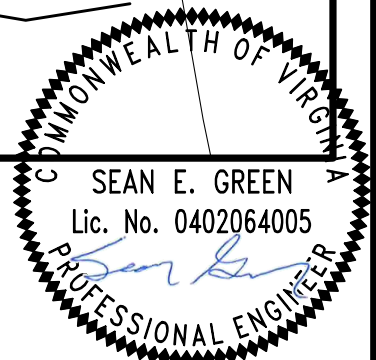
LEGAL DESCRIPTION: **LOT 14A, RESUB OF RUDEE HEIGHTS, HARBOUR POINT**
 REFERENCE: **MAP BOOK 199, PAGE 45**, ON FILE AT THE CLERK'S OFFICE, VIRGINIA BEACH, VA
 GPIN: **2427-10-4518**
 ZONING: **R7.5 RESIDENTIAL**

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



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PURPOSE: MAINTENANCE
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WATERFRONT CONSULTING, INC.

2589 QUALITY COURT, SUITE 323
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 AT: 500 LIGHTHOUSE POINT
 VIRGINIA BEACH, VA 23451
 APPLICATION BY:
 MICHAEL T. DARDEN
 SHEET: 11 OF 11
 DATE: NOVEMBER 17, 2022

REV:



WATERFRONT CONSULTING, INC.
“Specializing in Permit Processing”

December 8, 2022

Cynthia A. Sabol
504 Lighthouse Point
Virginia Beach, VA 23451

**RE: Proposed Bulkhead, Dredging, Grading, Pier, & Float
Located at 500 Lighthouse Point, Virginia Beach, VA 23451**

Dear Cynthia A. Sabol

This letter is to notify you that your neighbor(s), Michael & Shannon Darden 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: Michael & Shannon Darden , Applicant

Office: (757) 425-8244 Mobile: (757) 619-7302 bob@waterfrontconsulting.net
2589 Quality Court, Ste. 323 Virginia Beach, VA 23454

Additional Information/Revision Received by VMRC January 18, 2023 / Ira

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER’S ACKNOWLEDGEMENT FORM

I (we), Cynthia A. Sabol, own land next to (across the water
(Print adjacent/nearby property owner’s name)

from/on the same cove as) the land of Michael & Shannon Darden.
(Print applicant’s name(s))

I have reviewed the applicant’s project drawings dated November 17, 2022
(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”

December 8, 2022

Diana R. Schwoeppe RT
3729 Boomer Road
Cincinnati, OH 45247

**RE: Proposed Bulkhead, Dredging, Grading, Pier, & Float
Located at 500 Lighthouse Point, Virginia Beach, VA 23451**

Dear Diana R. Schwoeppe RT

This letter is to notify you that your neighbor(s), Michael & Shannon Darden 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.

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Kind Regards,

Robert E. Simon

Robert E. Simon, Vice President

CC: Michael & Shannon Darden , Applicant

Office: (757) 425-8244 Mobile: (757) 619-7302 bob@waterfrontconsulting.net
2589 Quality Court, Ste. 323 Virginia Beach, VA 23454

Additional Information/Revision Received by VMRC January 18, 2023 / Ira

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I (we), Diana R. Schwoeppe RT, own land next to (across the water
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from/on the same cove as) the land of Michael & Shannon Darden.
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(Date)

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Adjacent/nearby property owner's signature(s)

Date

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3. 2022-WTRA-00276

Jeffrey D. and Caroline W. Watkins

[Applicants & Owners]

946 Oriole Drive

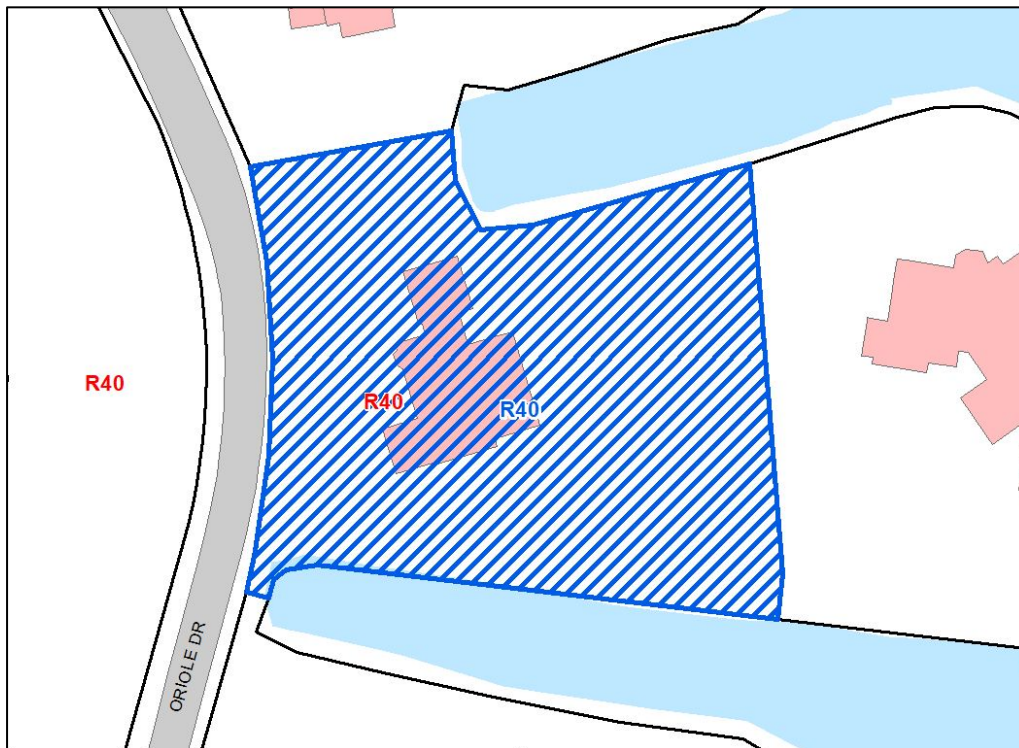
GPIN 2418-43-0651

City Council District: District 6, formerly Lynnhaven

Waterway – Little Neck Creek

Subdivision – Birdneck Point

Request: To dredge, construct rip rap revetment, retaining wall, and plant vegetation 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 Jeffrey + Caroline Watkins

Does the applicant have a representative? Yes No

- If yes, list the name of the representative.

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-subsiary¹ or affiliated business entity² relationship with the applicant. (Attach a list if necessary)

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

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

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.

Mayfield Design, Visionscapes Land Design

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.

Virginia Coastal Homes (house renovation)

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.

Gallup Surveyors + Engineers

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.

Applicant Signature

Jeffrey D. Watkins

Caroline W. Watkins

Print Name and Title

January 2, 2022

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 #

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 # _____ (For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)				
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:

Jeffrey and Carrie W. Watkins
 946 Oriole Drive
 Virginia Beach, VA 23451
 ctwatkins@icvgc.com

Home () _____
 Work () _____
 Fax () _____
 Cell (757) 470-5531
 e-mail _____

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):

David R. Butler
 323 First Colonial Road
 Virginia Beach, VA 23454
 Email: DAVF@GALLUPSURVEYORS.COM

Contact Information:
 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.

Dredge, construction dock, boat lift, boat house. Install rip rap and provide a mitigation area for the loss of vegetated wetlands. The dock will have 48-8" diameter timber piles, the lift will have 4-12" timber piles and the boat house will have 10-class B (12") timber piles. All piles will be driven via a vibratory hammer on an excavator. Construction access will be from land and from water. 718 sq. ft. of vegetated wetlands along the south side of the canal will be lost to construction and 1,006 sq. ft. of uplands on the NW portion of the side will be cut and converted to a Spartina Patens marsh.

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) 946 Oriole Drive _____

Lot/Block/Parcel# A-1 _____

Subdivision Birdneck Point Club Section _____

City / County Virginia Beach _____ ZIP Code 23451 _____

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

36-51-49.35 / - 76-00-02.02 (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 erosion. Secondary purpose is to provide water access for boating and recreation.

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.*

No clearing. Minimal construction footprint defined by safety fence.

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.): \$ 248,000
Approximate cost of that portion of the project that is channelward of mean low water:
\$ 206,500

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. Dario and Marie F. Fuenmayor
952 Oriole Drive
Virginia Beach, VA 23451
2. Jeffrey F. and Rhonda B. Clay
954 Oriole Drive
Virginia Beach, VA 23451
3. Arthur J. and Linda S. Zachary
940 Oriole Drive
Virginia Beach, VA 23451
4. Stephen E. and Louise A. Noona
936 Oriole Drive
Virginia Beach, VA 23451

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.

Jeffrey Watkins

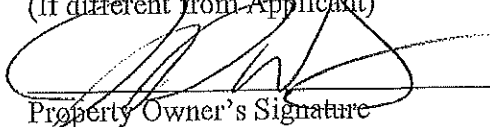
Applicant's Legal Name (printed/typed)


Applicant's Signature

12/1/2022

Date

Jeffrey D Watkins
Property Owner's Legal Name (printed/typed)
(If different from Applicant)

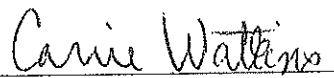

Property Owner's Signature

12/1/2022

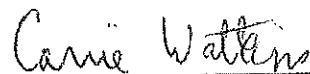
Date

Carrie Watkins

(Use if more than one applicant)


(Use if more than one applicant)

Caroline W. Watkins
(Use if more than one owner)


(Use if more than one owner)

Part 2 – Signatures (continued)

2. Applicants having agents (if applicable)

CERTIFICATION OF AUTHORIZATION

I (we), Mr. and Mrs. Watkins, hereby certify that I (we) have authorized David R. Butler
(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.

D. R. Butler
(Agent's Signature)

(Use if more than one agent)

(Date)

[Signature]
(Applicant's Signature)

Carrie Watkins
(Use if more than one applicant)

12/1/2022
(Date)

3. Applicant's having contractors (if applicable) *n/a at this time*

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.**

Install piers and boat house. Boat house will have a 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? 168 ___ feet.

Channelward of Mean High Water? see plan feet.

Channelward of Mean Low Water? see plan feet.

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

Tidal non-vegetated wetlands 35.6 ___ square feet.

Tidal vegetated wetlands 0 ___ square feet.

Submerged lands 779 ___ 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? 512 ___ 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:

Remove an existing failing concrete bulkhead and replace with rip rap revetment. The length of the revetment will be 159.13 L.F. No backfill is proposed. 718 sq. ft. of vegetated wetlands will be impacted and 1,006 sq. ft. of uplands will be cut and converted to vegetated wetlands. 122 c.y. of class I granite will be used for the revetment.

2. What is the maximum encroachment channelward of mean high water? 11.5 feet.
Channelward of mean low water? 11.5 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 718 square feet
 - Non-vegetated wetlands 0 square feet
 - Subaqueous bottom 981 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? Yes No.

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

18. DREDGING, MINING, AND EXCAVATING

FILL OUT THE FOLLOWING TABLE FOR DREDGING PROJECTS

	NEW dredging				MAINTENANCE dredging			
	Hydraulic		Mechanical (clamshell, dragline, etc.)		Hydraulic		Mechanical (clamshell, dragline, etc.)	
	Cubic yards	Square feet	Cubic yards	Square feet	Cubic yards	Square feet	Cubic yards	Square feet
Vegetated wetlands			0	0				
Nonvegetated wetlands			0	0				
Subaqueous land			904	8429				
Totals			904	8429				
Is this a one-time dredging event? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "no", how many dredging cycles are anticipated: <u>2</u> (<u>300</u> initial cycle in cu. yds.) (<u>200</u> subsequent cycles in cu. yds.)								
Composition of material (percentage sand, silt, clay, rock): Provide documentation (i.e. laboratory results or analytical reports) that <i>dredged</i> material from on-site areas is free of toxics. If not free of toxics, provide documentation of proper disposal (i.e. bill of lading from commercial supplier or disposal site). Estimated to be 40% sandy material and 60% silt								
Please include a dredged material management plan that includes specifics on how the dredged material will be handled and retained to prevent its entry into surface waters or wetlands. If on-site dewatering is proposed, please include plan view and cross section drawings of the dewatering area and associated outfall. See sheet 6 of the JPA plan set. The material will be hauled to City of Virginia Beach Whitehurst pit.								
Will the dredged material be used for any commercial purpose or beneficial use? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please explain:								
If this is a maintenance dredging project, what was the date that the dredging was last performed? _____ Permit number of original permit: _____ (It is important that you attach a copy of the original permit.)								
<i>For mining projects:</i> On separate sheets of paper, explain the operation plans, including: 1) the frequency (i.e., every six weeks, for example), duration (i.e., April through September), and volume (in cubic yards) to be removed per operation; 2) the temporary storage and handling methods of mined material, including the dimensions of the containment berm used for upland disposal of dredged material and the need (or no need) for a liner or impermeable material to prevent the leaching of any identified contaminants into ground water; 3) how equipment will access the mine site; and 4) verification that dredging: a) will not occur in water body segments that are currently on the effective Section 303(d) Total Maximum Daily Load (TMDL) priority list or that have an approved TMDL; b) will not exacerbate any impairment; and c) will be consistent with any waste load allocation/limit/conditions imposed by an approved TMDL. Have you applied for a permit from the Virginia Department of Mines, Minerals and Energy? <input type="checkbox"/> Yes <input type="checkbox"/> No								
Contributing drainage area: _____ square miles					Average stream flow at site (flow rate under normal rainfall conditions): _____ cfs			

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

REVISED 10-09-03

PROJECT LOCATION: 946 ORIOLE DRIVE

APPLICANT'S NAME: JEFFREY & CAROL WATKINS

APPLICANT'S ADDRESS: 946 ORIOLE DRIVE

VIRGINIA BEACH, VA. 23451

ENGINEER OF RECORD: DAVID R. BUTLER

PROFESSIONAL ENGINEER/SURVEYOR

CERTIFYING PROJECT

CONSTRUCTION:

DAVID R. BUTLER

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

11-17-22

SIGNATURE OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION

DATE

DAVID R. BUTLER

TYPE OR PRINT NAME OF ENGINEER/SURVEYOR CERTIFYING CONSTRUCTION

[Signature] / Carol Watkins

12/2/2022

SIGNATURE OF APPLICANT

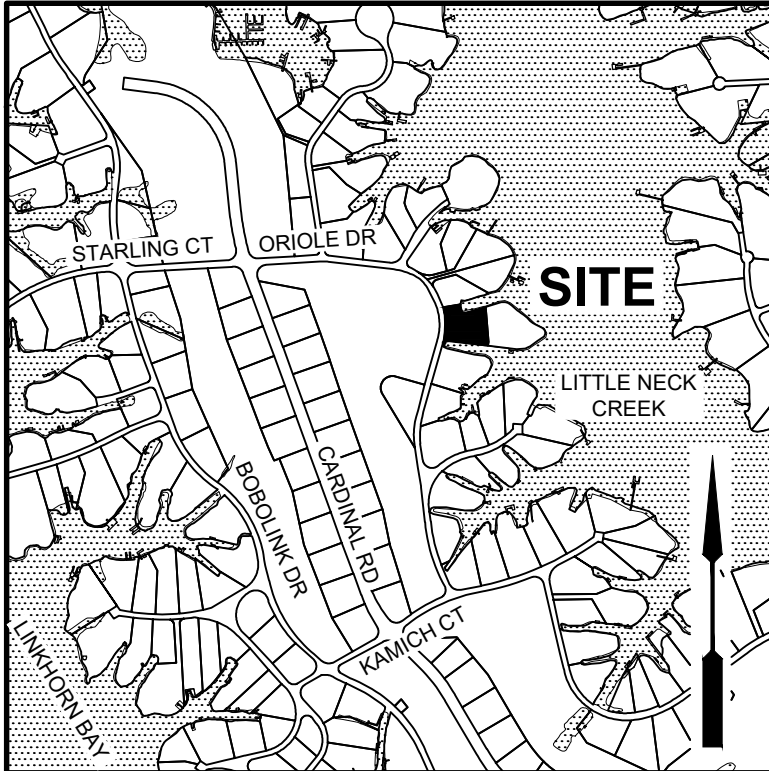
DATE

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:** 946 ORIOLE DR
VIRGINIA BEACH, VA. 23451
2. **LEGAL:** LOT A-1, RESUBDIVISION OF LOTS "A" & "B"
SUBDIVISION OF LOTS 160 & 161, CLUB SECTION,
BIRDNECK POINT M.B. 111, PG. 33
3. **GPIN:** 2418-43-0651
4. **VERTICAL DATUM:** NAVD 88
5. **ZONED:** R40 (RESIDENTIAL LOW DENSITY)
6. **THE PHYSICAL FEATURES SHOWN WERE OBTAINED FROM A TOPOGRAPHIC SURVEY PREPARED BY: ROUSE-SIRINE ASSOCIATES, LTD. DATED AUGUST 25, 2021.**
7. **ELEV. OF MLW (NAVD 88):** -1.1
ELEV. OF MHW (NAVD 88): 0.4
1.5x JURISDICTIONAL ELEVATION=1.2 (NAVD88)
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' DRAINAGE EASEMENT ALONG ALL SIDES AND REAR PER M.B. 111, PG. 33.
10. ALL CONSTRUCTION TO BE PERFORMED FROM THE SEAWARD SIDE VIA BARGE AND FROM LANDWARD SIDE.

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	ADJACENT OWNERS MAP
3	EXISTING CONDITIONS
4-5	DREDGING PLAN & SECTION
6	DREDGE SPOIL TRANSFER DETAIL
7	ENLARGEMENT PLAN
8-9	PIER FRAMING PLAN
10-11	PIER SECTIONS
12-13	PIER DETAILS
14-15	BOATHOUSE SECTION & PLAN
16	BOAT LIFT
17	FLOATING DOCK & RAMP
18	TABLES
19-20	RIP-RAP SECTIONS
21-22	MITIGATION PLAN & SECTION
23	NOTES AND DETAILS



OWNER/DEVELOPER
 CARRIE W. WATKINS &
 JEFFREY WATKINS
 946 ORIOLE DR
 VIRGINIA BEACH, VA. 23451
 (757) 470-5531
 cwakins@icvgc.com
 jdwatkins@icvgc.com

	NAVD88	
MLW	0.0'	-1.10
MHW	1.50'	0.40'
1.5x	2.25'	1.15'

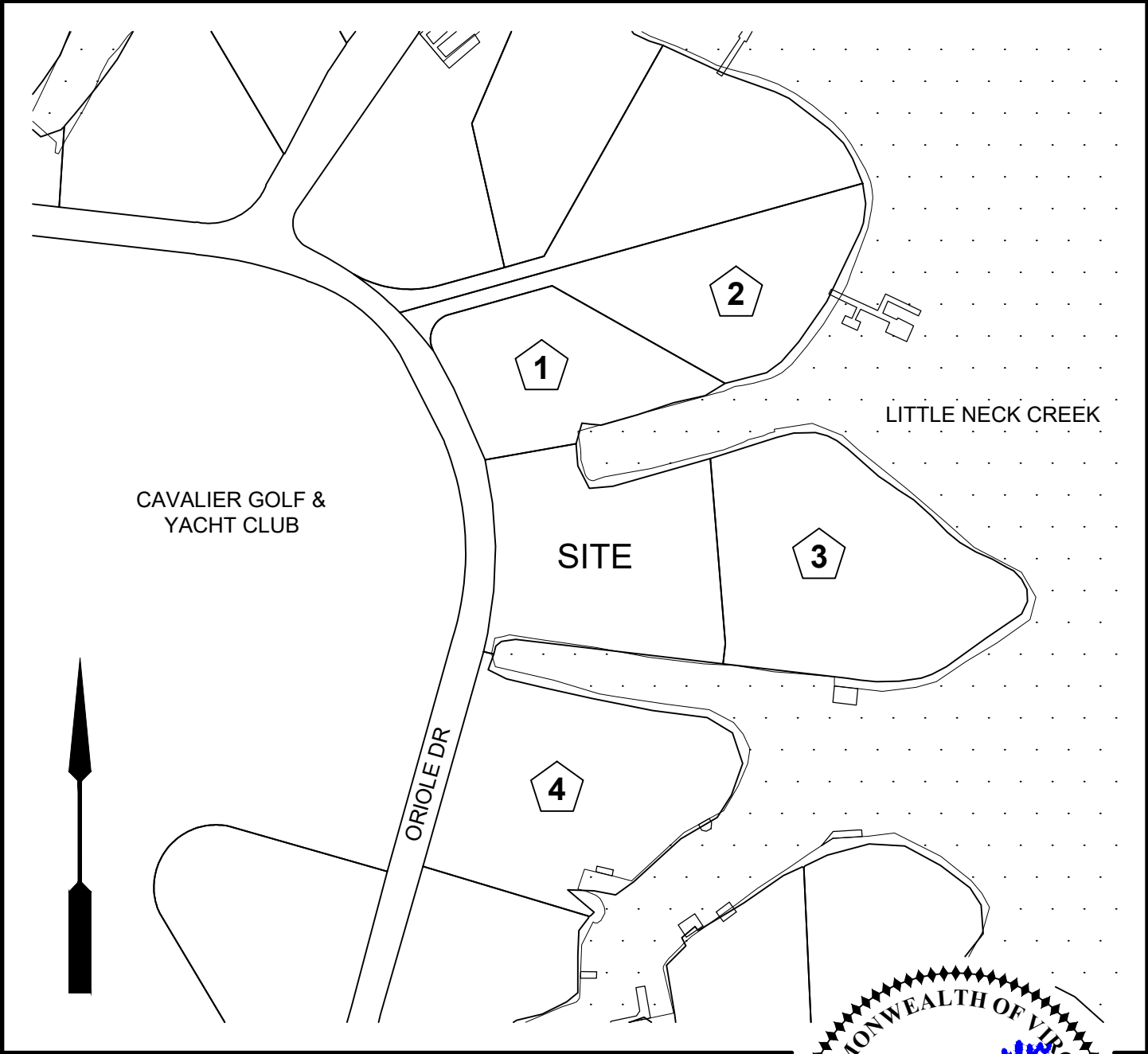
GALLUP
SURVEYORS & ENGINEERS
 323 FIRST COLONIAL ROAD
 VIRGINIA BEACH, VIRGINIA 23454
 (757)428-8132 FAX (757)425-2390

PROJECT: INSTALL WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK

REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

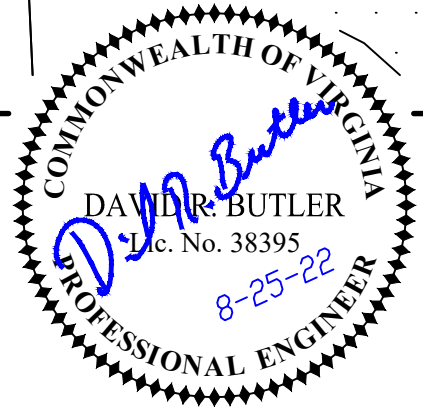
COVER SHEET

PROJECT: WHARF, PIER, BOATHOUSE,
RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 1 OF 23



ADJACENT PROPERTY OWNERS:

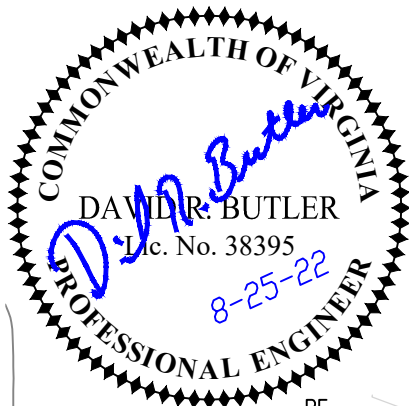
- ① DARIO FUENMAYOR & MARIE F. FUENMAYOR
- ② JEFFERY F. CLAY & RHONDA B. CLAY
- ③ ARTHUR J. ZACHARY & LINDA S. ZACHARY
- ④ STEPHEN E. NOONA & LOUISE A. NOONA



REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

ADJACENT OWNERS
MAP
 1" = 150'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 2 OF 23



M.B. 111, PG. 33

LOT B-1
M.B. 111, PG. 33

PARCEL A-1

718 SF OF VEGETATED WETLANDS IMPACTS (AREA RESERVED FOR DREDGING) (M.B. 7, P. 193)

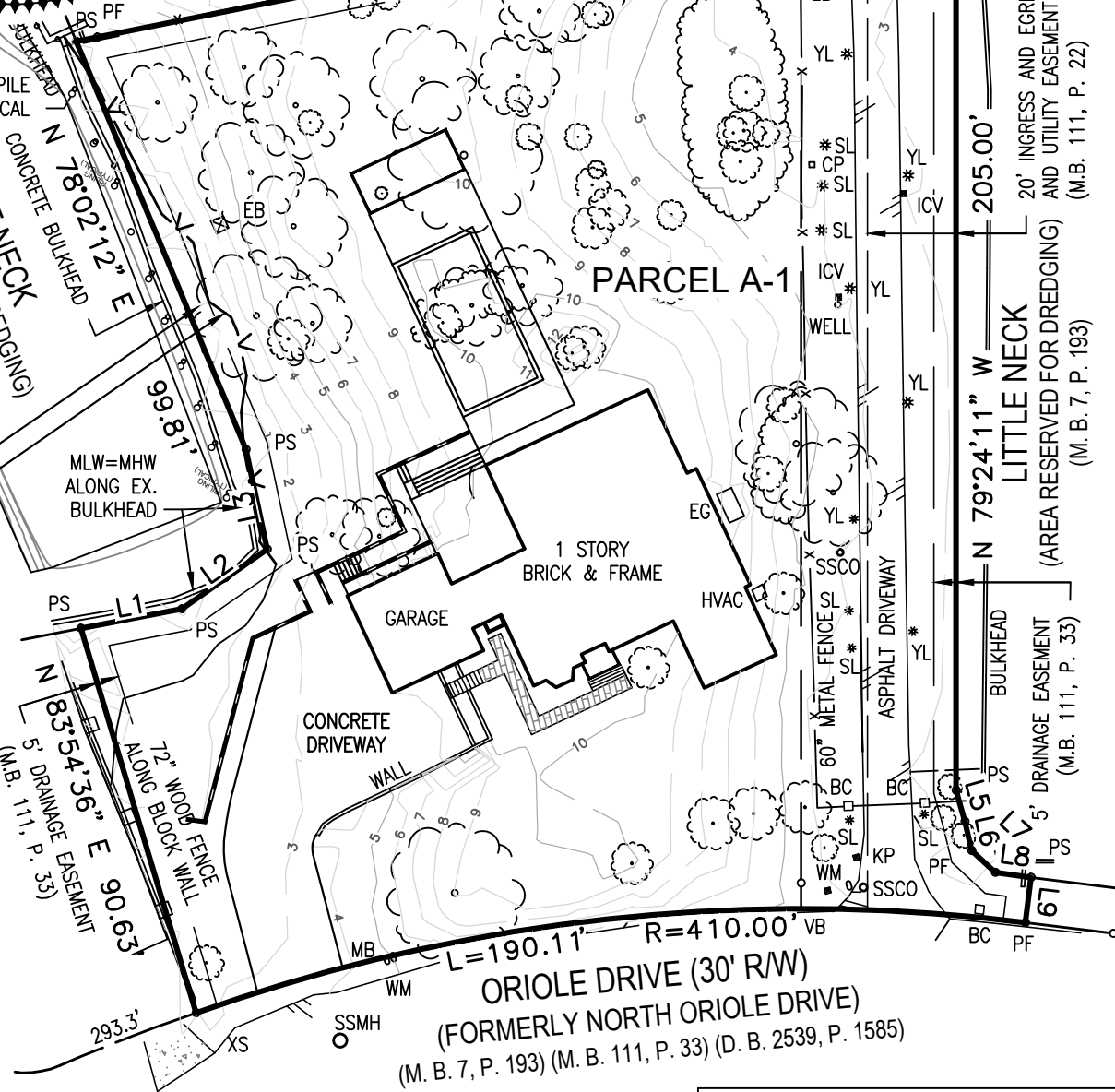
UPPER LIMITS OF JURISDICTIONAL PART OF LOT 162 (M.B. 7, PG. 193)

LITTLE NECK (AREA RESERVED FOR DREDGING) (M.B. 7, P. 193)

15' INGRESS/EGRESS, UTILITY AND LANDSCAPE EASEMENT (D.B. 34-12, P. 366)

20' INGRESS AND EGRESS AND UTILITY EASEMENT (M.B. 111, P. 22)

LITTLE NECK (AREA RESERVED FOR DREDGING) (M.B. 7, P. 193)



SEE SHEET 16 FOR LINE TABLE & LEGEND

REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

EXISTING CONDITIONS
1" = 40'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 3 OF 23



SEE SHEET 16 FOR
LINE TABLE & LEGEND

2
LOT 163 A
I.N. 200503240044087

EXISTING RIP-RAP
OF OTHERS
4x BUFFER

LITTLE NECK
(AREA RESERVED FOR DREDGING)
(M.B. 7, P. 193)

**PROPOSED
RIP-RAP OF
OTHERS**

1
**PART OF
LOT 162**
M.B. 7, PG. 193

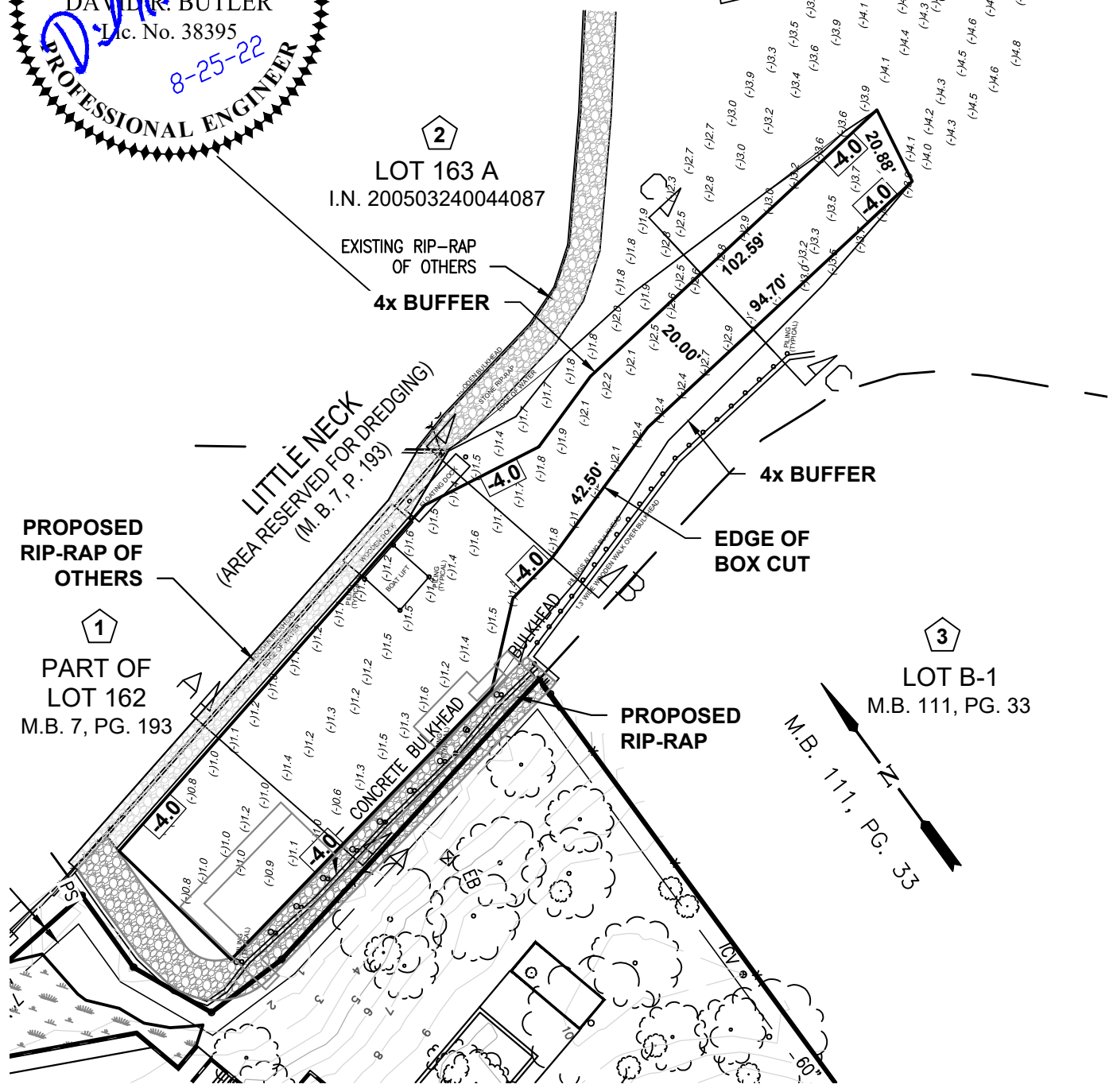
**EDGE OF
BOX CUT**

4x BUFFER

**PROPOSED
RIP-RAP**

3
LOT B-1
M.B. 111, PG. 33

M.B. 111, PG. 33
N



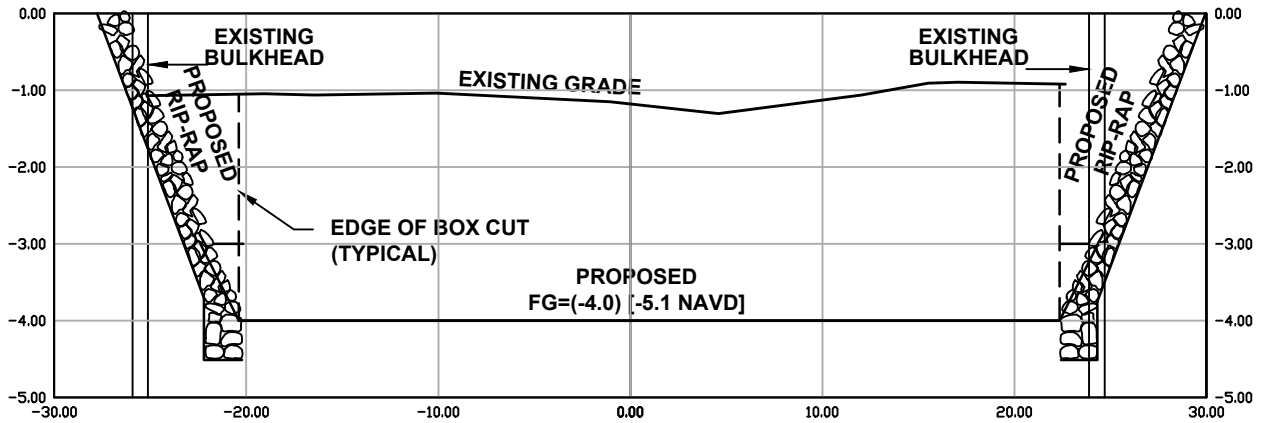
REVISION SCHEDULE

DATE	COMMENT
1-23-23	VMRC COMMENTS

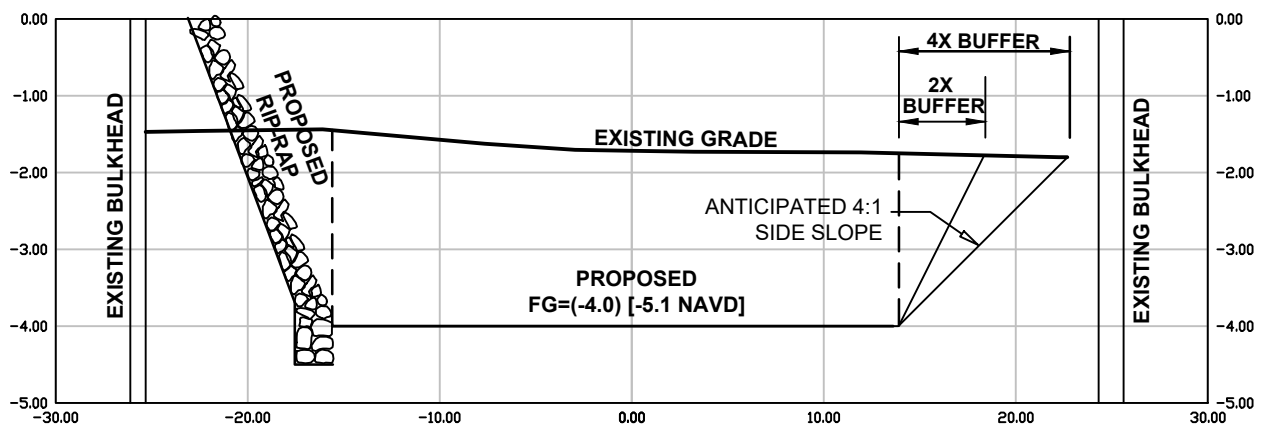
DREDGING PLAN
1" = 40'

PROJECT: WHARF, PIER, BOATHOUSE,
RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 4 OF 23

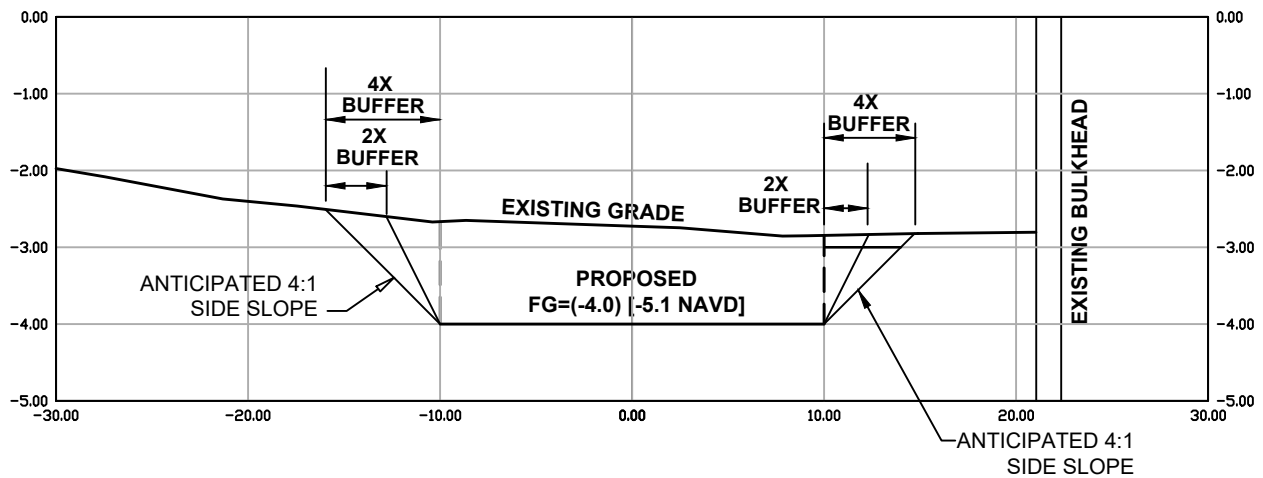
Section A-A



Section B-B



Section C-C



REVISION SCHEDULE

DATE	COMMENT
1-23-23	VMRC COMMENTS

DREDGE SECTION

HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 2.5'

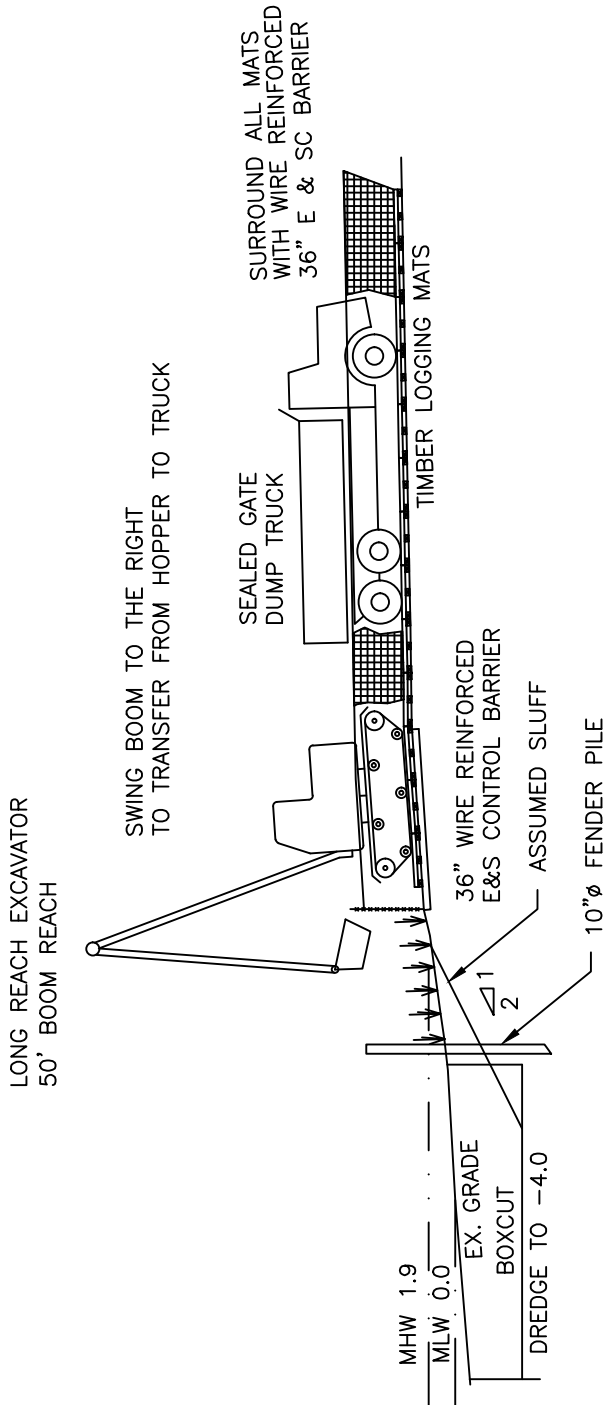
PROJECT: WHARF, PIER, BOATHOUSE,
 RAMP & FLOATING DOCK

BY: CARRIE W. & JEFFREY WATKINS

IN: LITTLE NECK CREEK

DATE: AUGUST 25, 2022 SHEET: 5 OF 23

**DREDGE SPOIL
TRANSFER DETAIL**
NOT TO SCALE



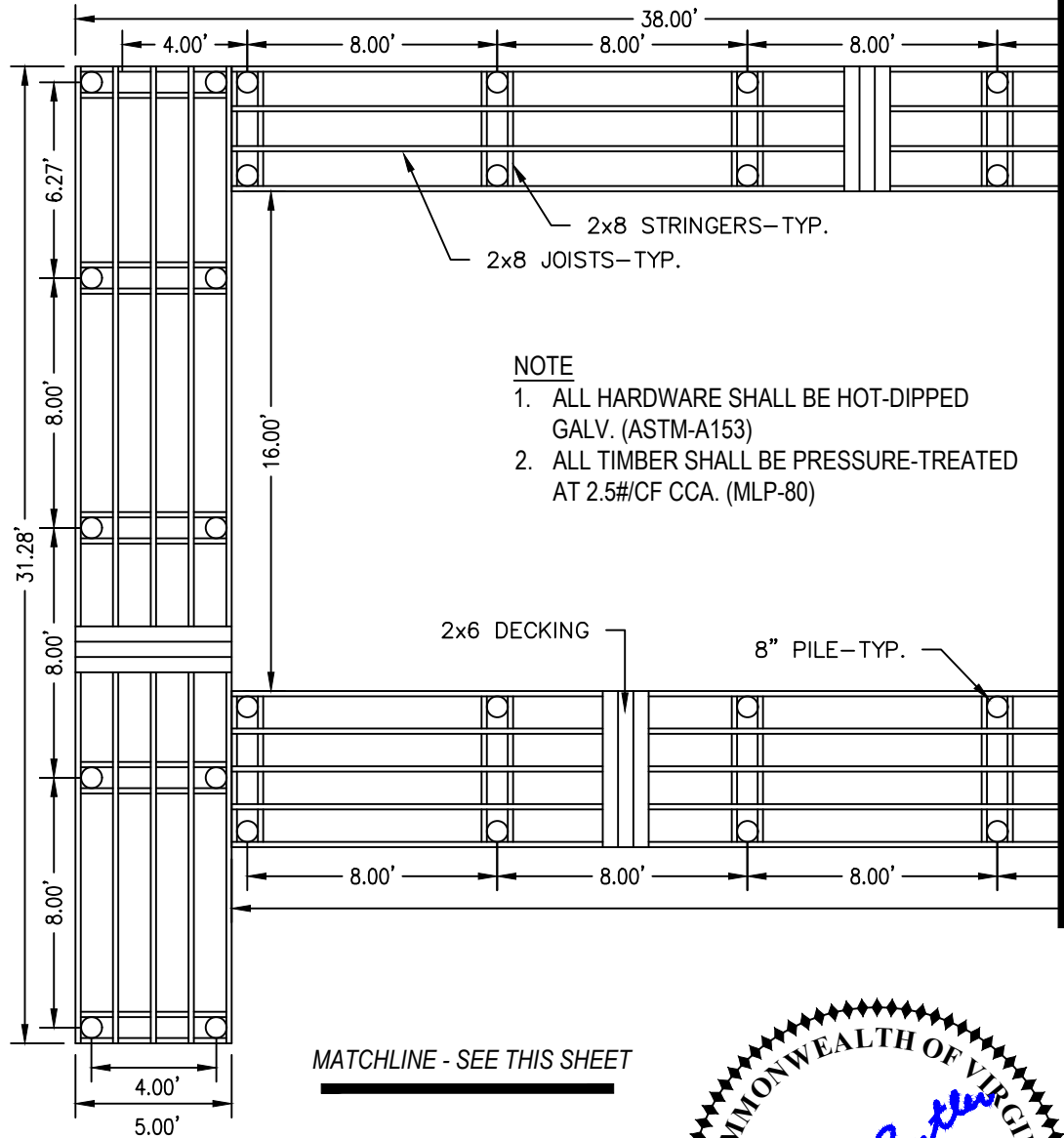
TRANSFER SEQUENCE:
INSTALL WIRE BACKED FILTER BARRIER, LAY LOGGING MATS AND DREDGE ACCESS CHANNEL FOR HOPPER BARGES. DEPLOY
TURBIDITY CURTAIN AROUND HOPPER AND THEN COVER MARSH WITH HEAVY DUTY TARP OVER THE SWING RADIUS OF THE
EXCAVATOR PRIOR TO OFFLOADING HOPPERS INTO TRUCKS. REMOVE HEAVY DUTY TARP AT THE CONCLUSION OF
OPERATIONS EACH DAY.

REVISION SCHEDULE

DATE	COMMENT
1-23-23	VMRC COMMENTS

**DREDGE SPOIL
TRANSFER DETAIL**
NOT TO SCALE

PROJECT: WHARF, PIER, BOATHOUSE,
RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 6 OF 23



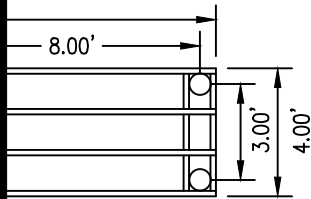
MATCHLINE - SEE SHEET 6

MATCHLINE - SEE THIS SHEET

MATCHLINE - SEE THIS SHEET



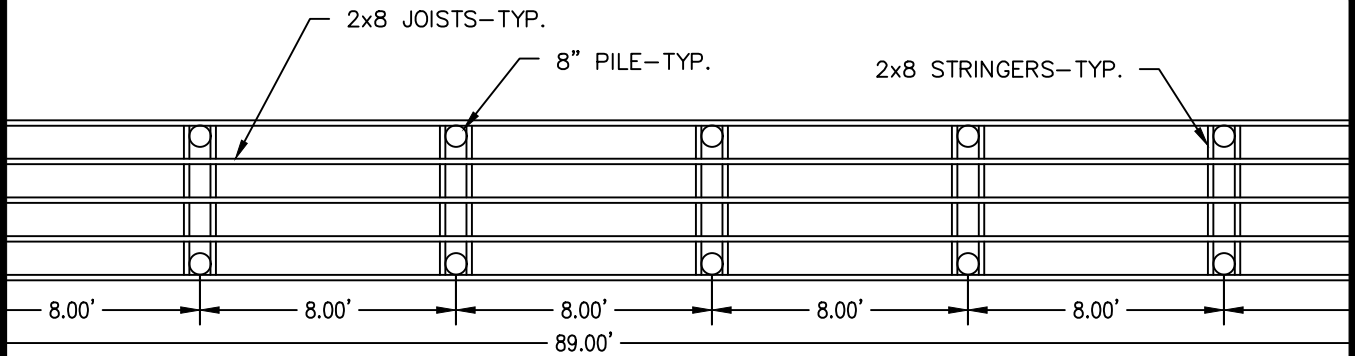
REVISION SCHEDULE		PIER PLAN 1" = 6'	PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 8 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		



NOTE

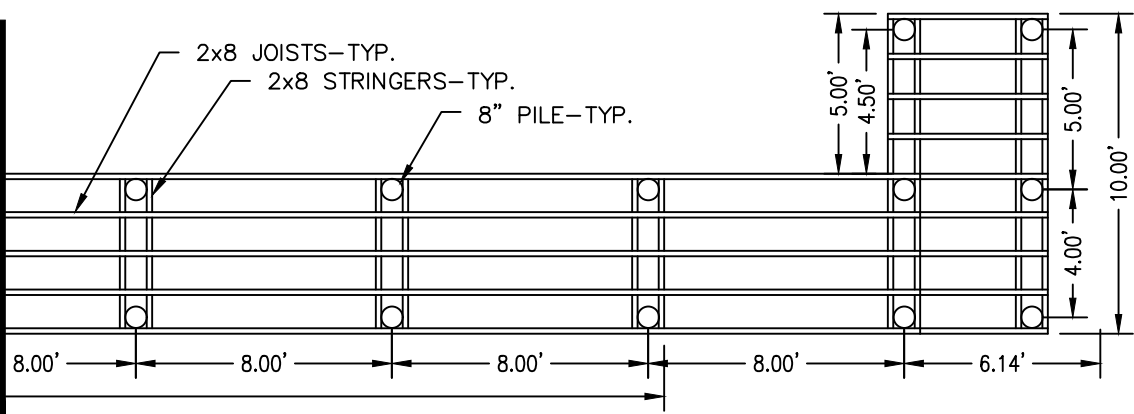
1. ALL HARDWARE SHALL BE HOT-DIPPED GALV. (ASTM-A153)
2. ALL TIMBER SHALL BE PRESSURE-TREATED AT 2.5#/CF CCA. (MLP-80)

MATCHLINE - SEE SHEET 6



MATCHLINE - SEE THIS SHEET

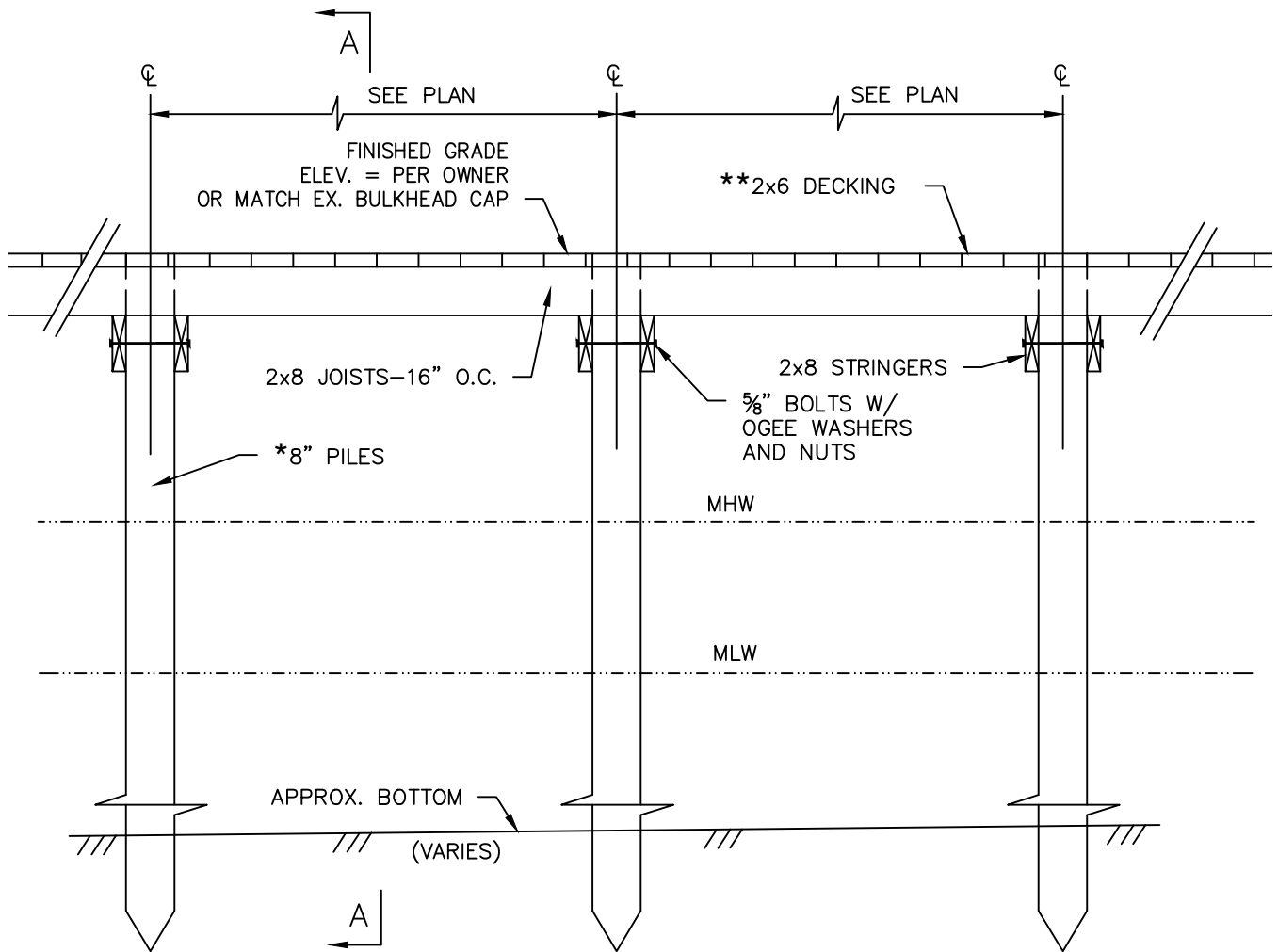
MATCHLINE - SEE THIS SHEET



REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

PIER PLAN
1" = 6'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 9 OF 23



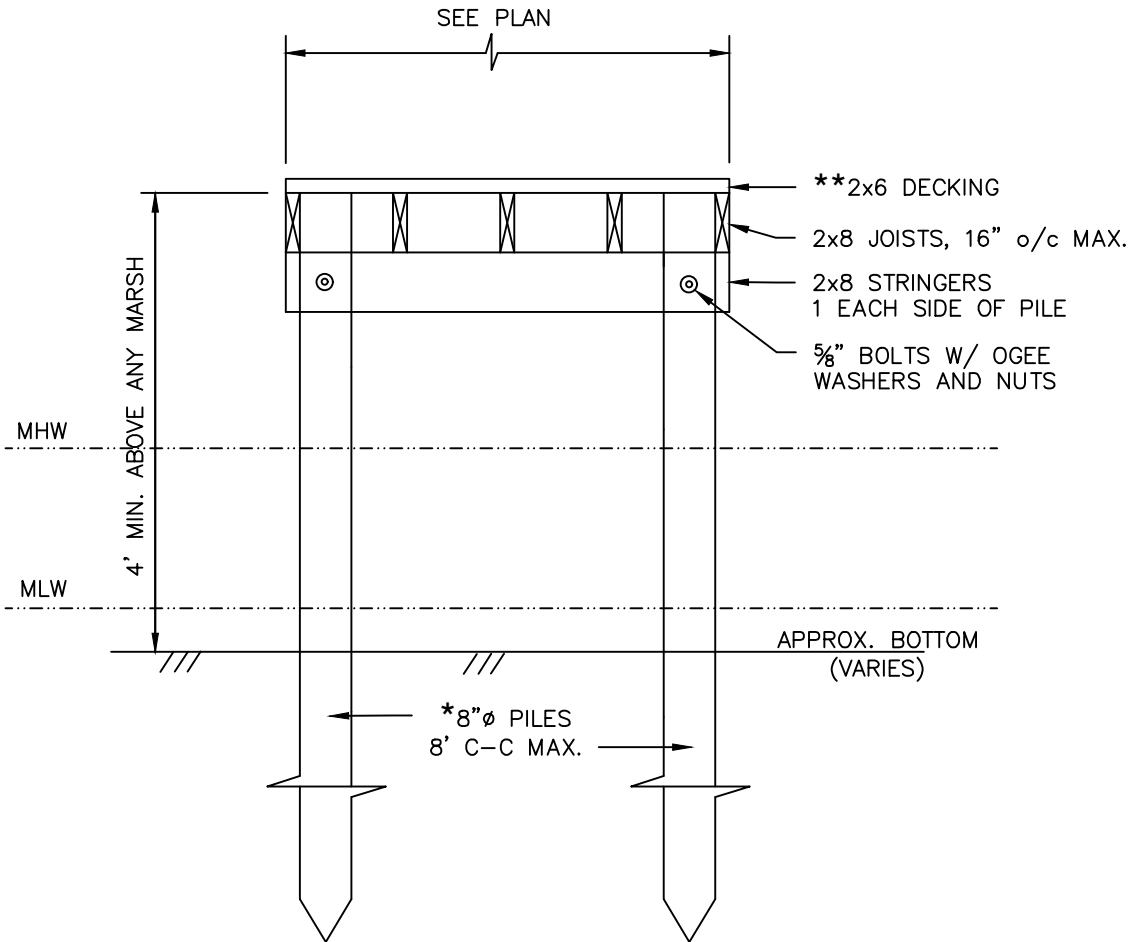
**PROPOSED VIEW
TYPICAL SECTION**

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: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 10 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		



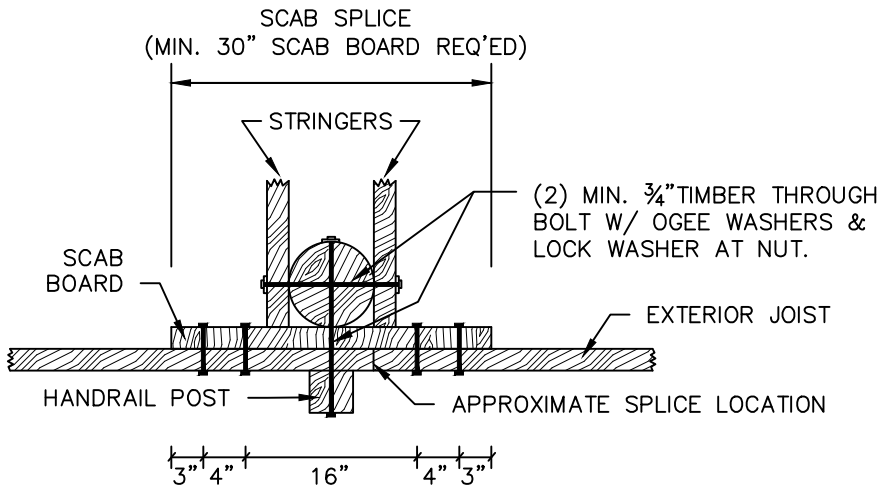
**PROPOSED PIER
SECTION A-A**

NOTES

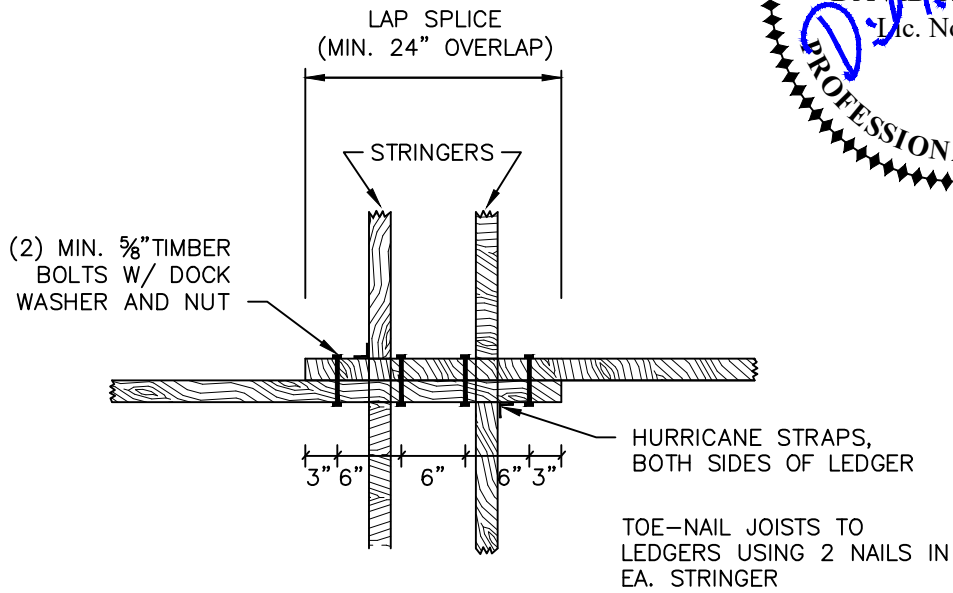
1. ALL FRAMING LUMBER SHALL BE SYP SALT TREATED WITH A MIN. RETENTION OF 0.80 LBS. PER CUBIC FOOT.
 2. ALL HARDWARE AND FASTENERS SHALL BE HOT DIPPED GALVANIZED.
 3. ALL PILES SHALL BE SYP SALT TREATED WITH A MIN. RETENTION OF 2.5 LBS. PER CUBIC FOOT.
- * FIXED PIER PILES SHALL BE DRIVEN TO MIN. 50 PERCENT 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: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 11 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		



**SCAB SPLICE
DETAIL**

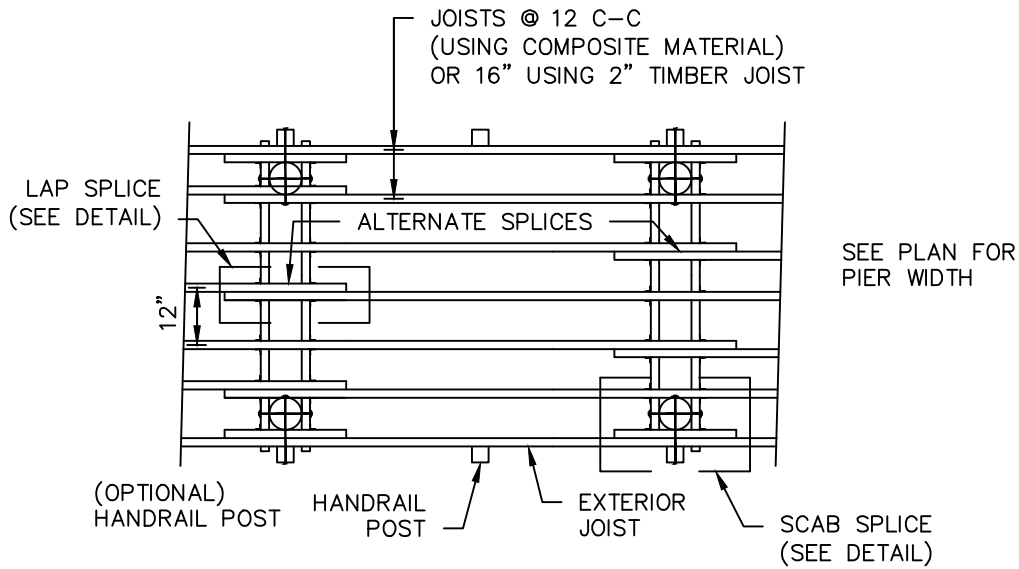


**LAP SPLICE
DETAIL**

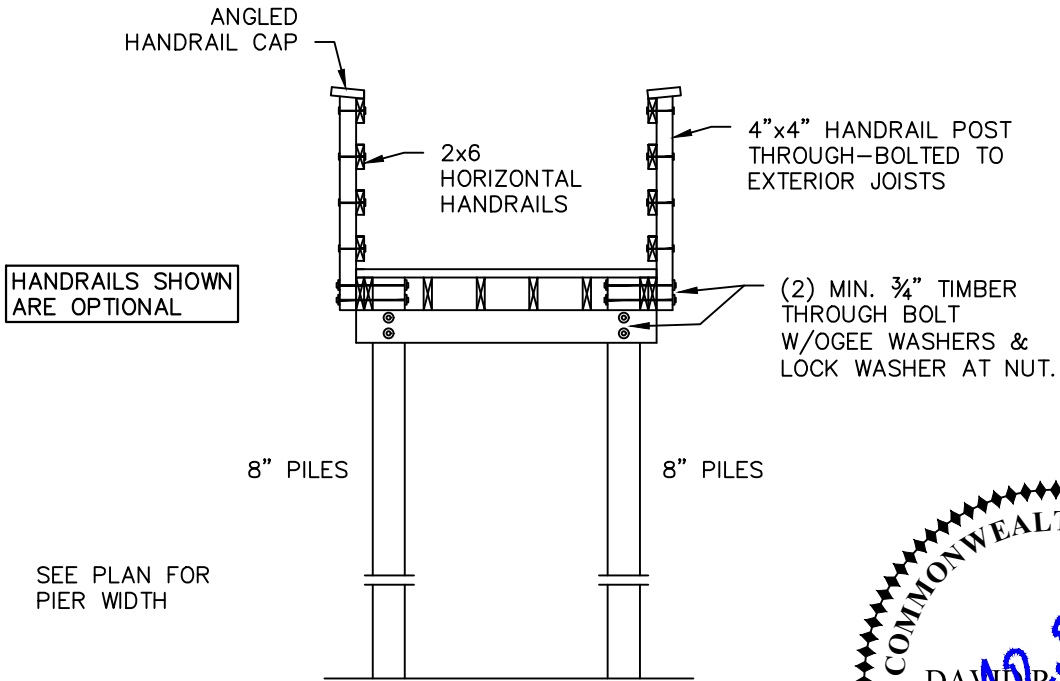
REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

PIER DETAILS
1" = 1.5'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 12 OF 23



PLAN



SECTION



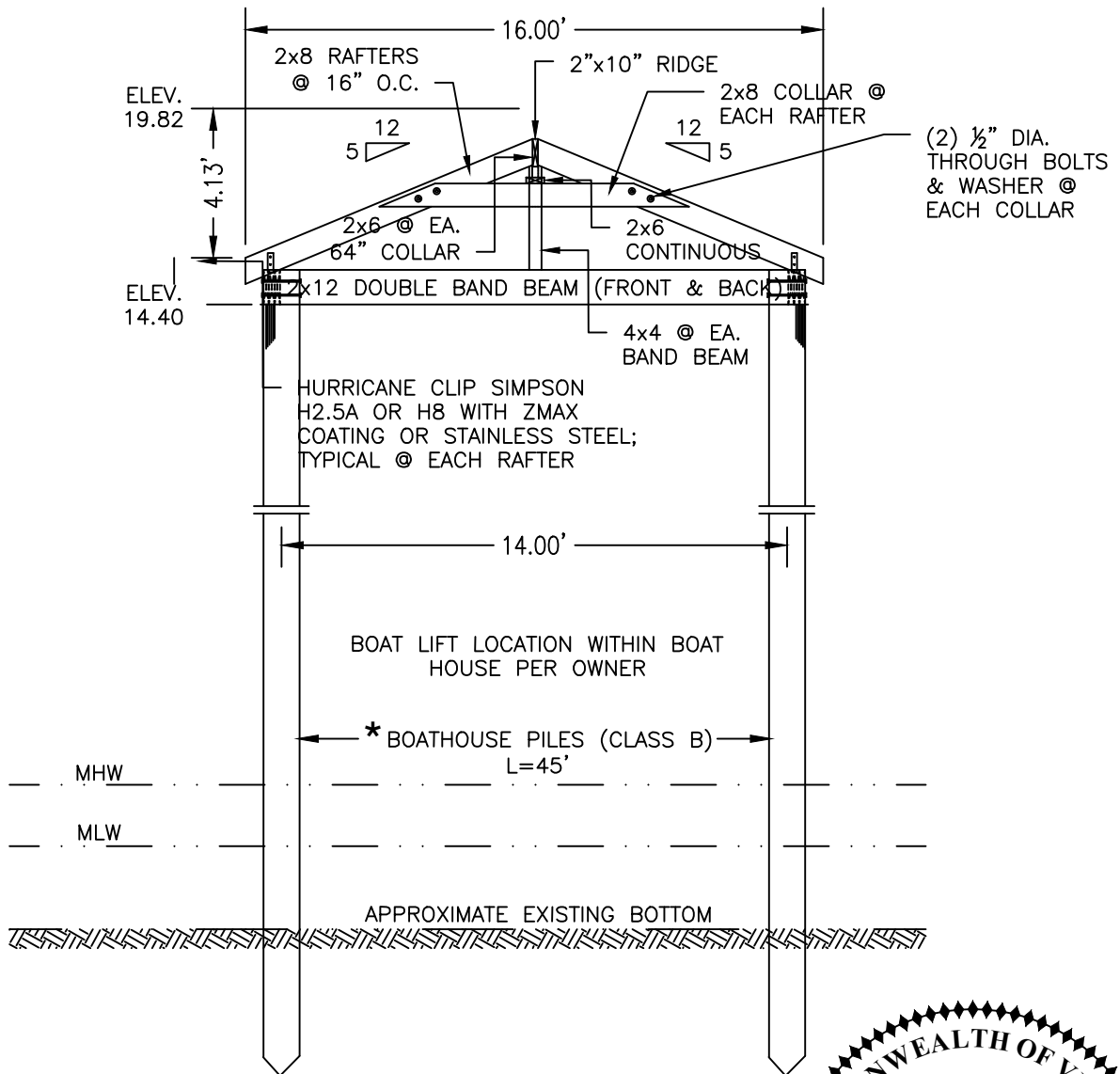
REVISION SCHEDULE

DATE	COMMENT
1-23-23	VMRC COMMENTS

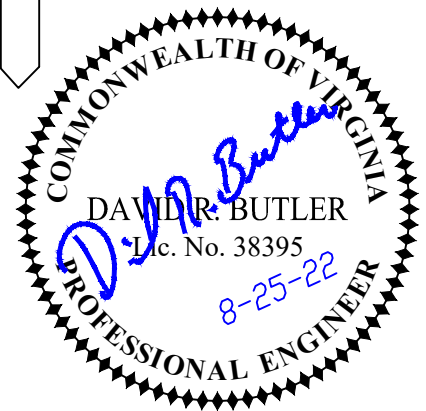
PIER DETAILS

1" = 4'

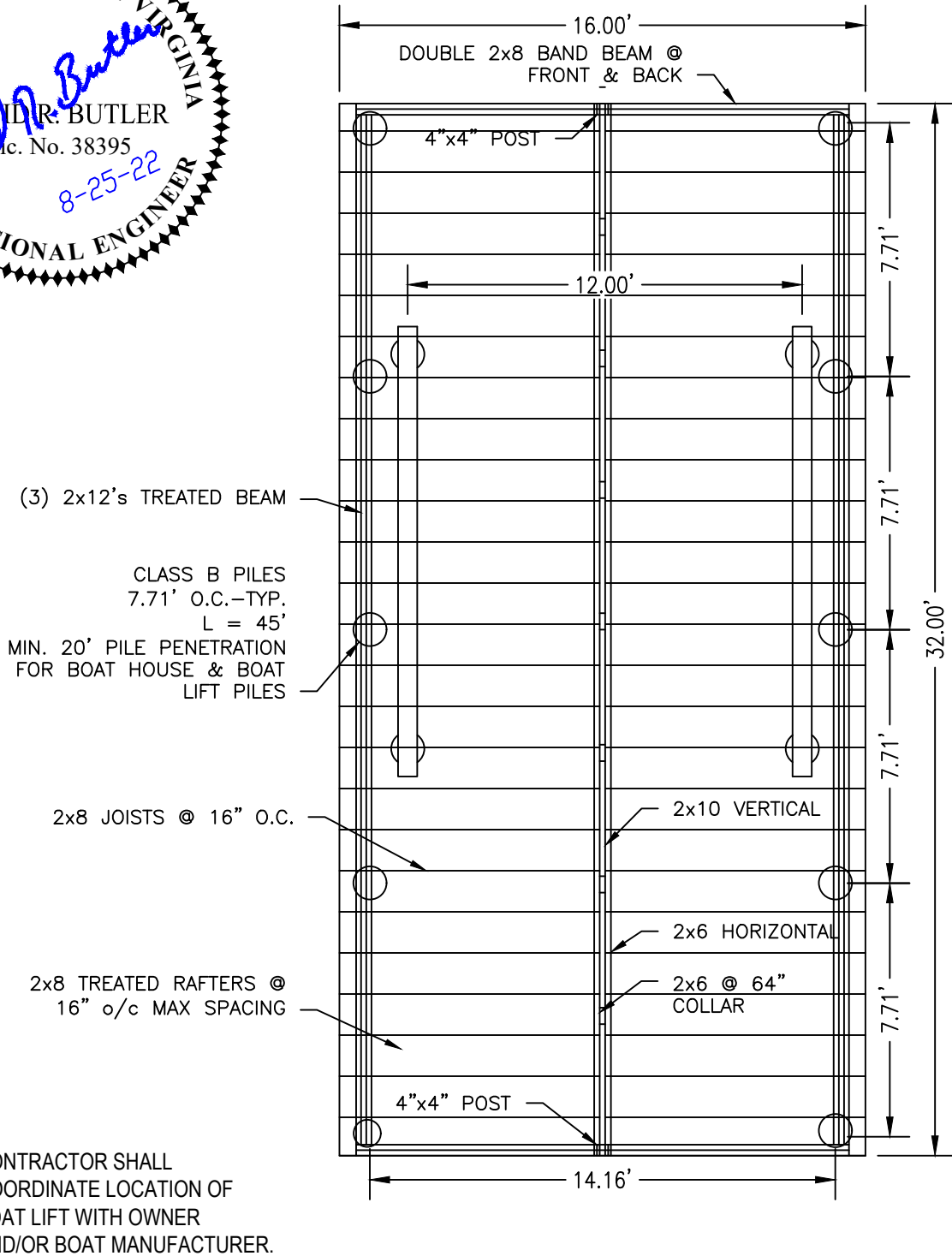
PROJECT: WHARF, PIER, BOATHOUSE,
RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 SHEET: 13 OF 23



* LIFT AND BOATHOUSE PILE LENGTHS MAY BE REQUIRED TO BE LONGER BASED ON BOTTOM CONDITIONS. CONTACT ENGINEER OF RECORD IN THE EVENT THE PILES DO NOT MAKE ADEQUATE CONTACT AND DEPTH INTO FIRM MATERIAL. SOUNDINGS AND GEOTECHNICAL REPORT WAS NOT PROVIDED. PROVIDE A MIN. OF 50% PENETRATIONS BELOW THE BOTTOM OF THE MUDLINE OR USE 45' LONG PILES, WHICHEVER IS GREATEST.



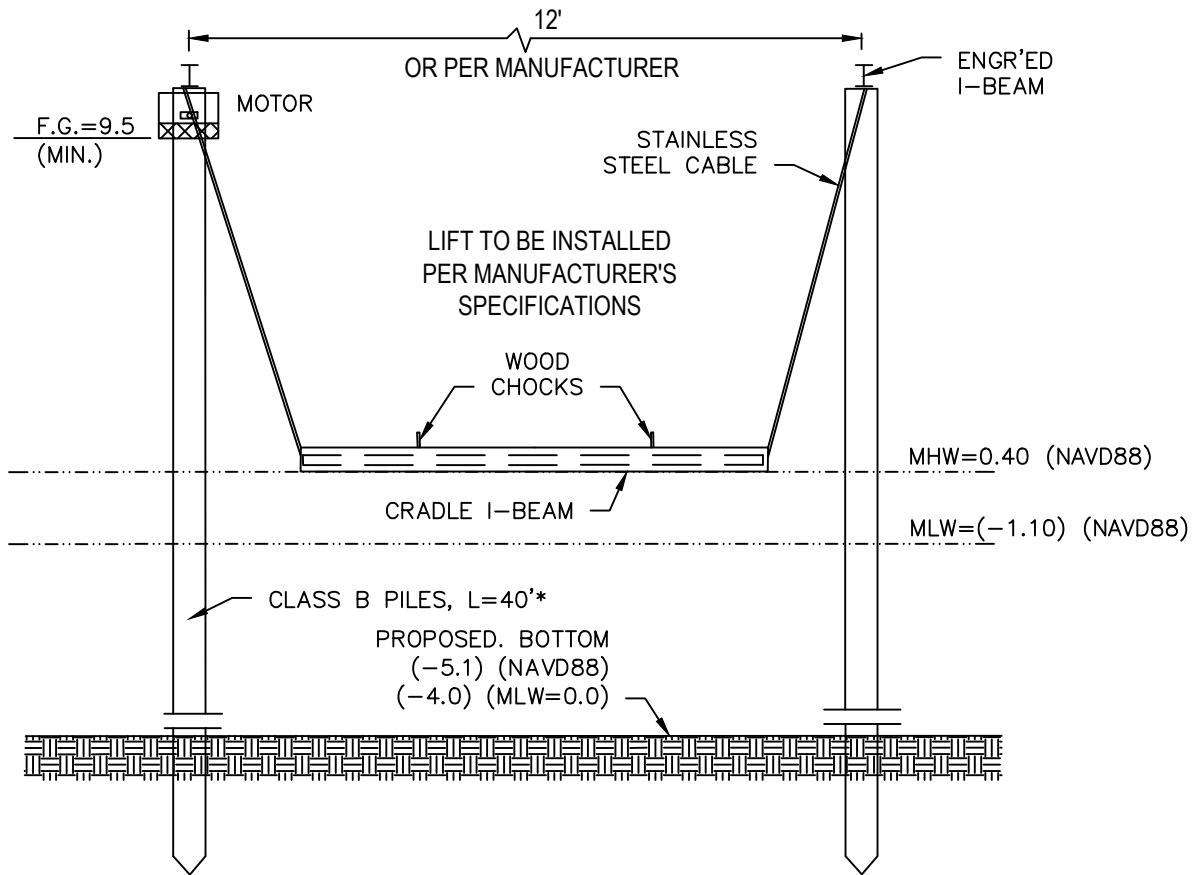
REVISION SCHEDULE		BOATHOUSE SECTION 1" = 5'	PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 14 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		



REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

**BOATHOUSE
PLAN**
1" = 5'

PROJECT: WHARF, PIER, BOATHOUSE,
RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 15 OF 23

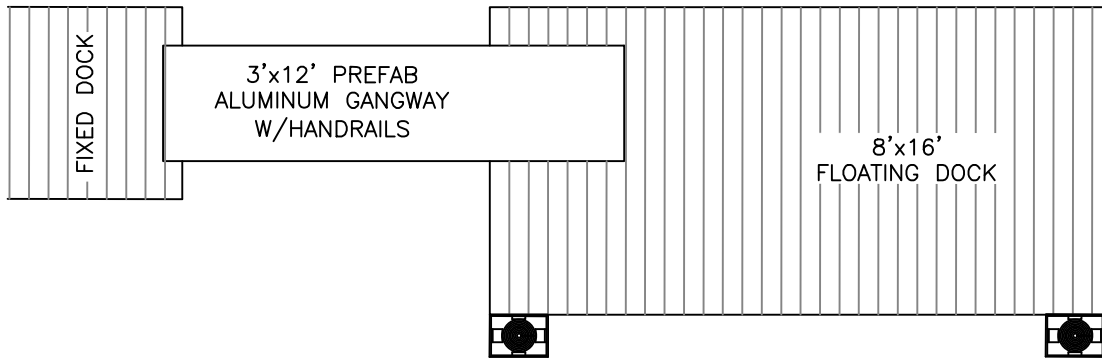


ALL PILING CCA 2.5 PCF (MLP-80)
 ALL HARDWARE H.D. GALV. ASTM-A153
 WOOD CHOCKS TO BE CCA 2.5 PCF (MLP-80)

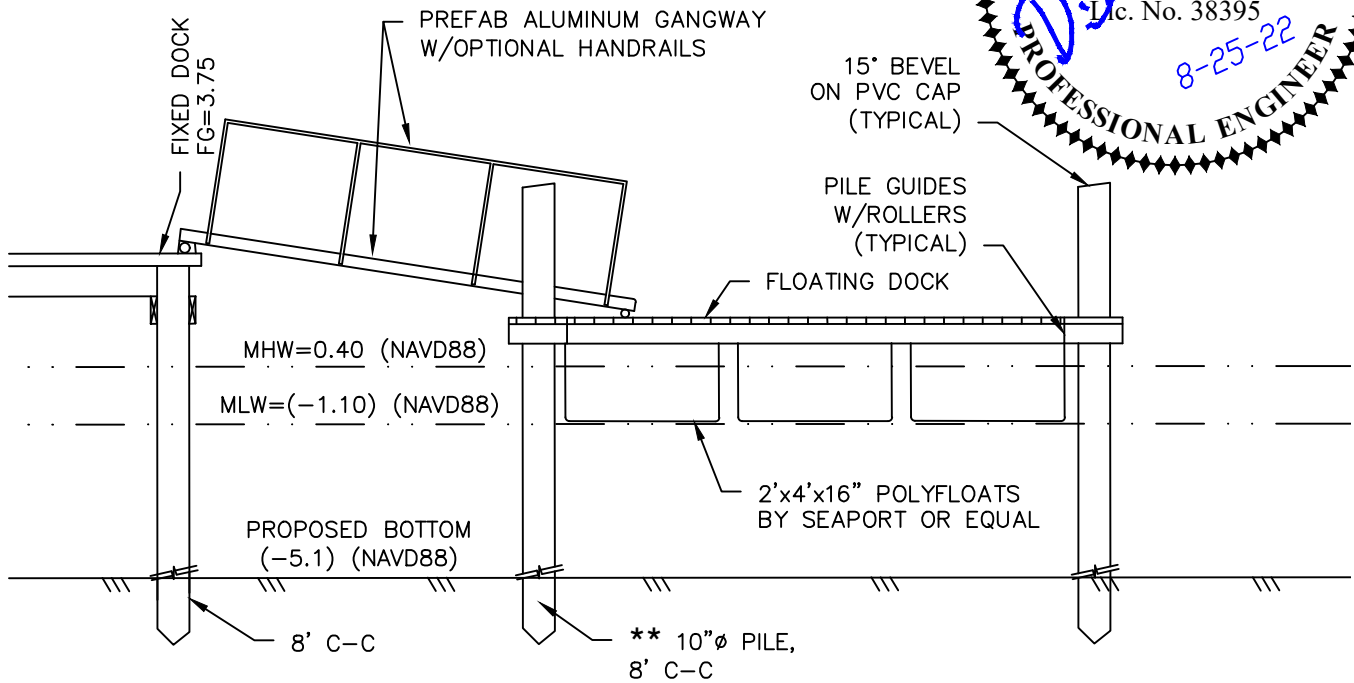
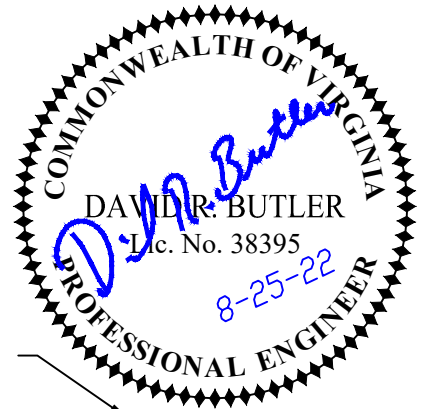


* BOAT LIFT PILES SHALL BE THE LENGTH SPECIFIED OR DRIVEN TO MIN.
 50 PERCENT PENETRATION BELOW THE BOTTOM OF THE MUDLINE, WHICHEVER
 IS GREATEST. (NO SOUNDINGS OR SOIL BORINGS WERE PROVIDED)

REVISION SCHEDULE		BOAT LIFT 1" = 4'	PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 16 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		



****** FLOATING DOCK PILES SHALL BE 20' LONG OR DRIVEN 10' BELOW THE MUDLINE, WHICHEVER IS GREATEST. THE PILE SPACING FOR THE FLOATING DOCK SHALL BE DETERMINED BY A STRUCTURAL ENGINEER.



PILES SHALL BE THE LENGTH SPECIFIED OR DRIVEN TO MIN. 50 PERCENT PENETRATION BELOW THE BOTTOM OF THE MUDLINE OR WHICHEVER IS GREATEST.

SECTION VIEW

REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

FLOATING DOCK
1" = 5'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 17 OF 23

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 00°19'05" E	23.20'
L2	S 24°21'54" E	23.57'
L3	N 88°29'55" E	23.06'
L4	S 10°35'49" W	20.00'
L5	S 84°48'29" W	7.27'
L6	S 87°16'08" W	6.82'
L7	S 53°29'14" W	7.21'
L8	S 18°35'28" W	8.15'
L9	N 72°20'00" W	10.25'

ABBREVIATIONS

XS	CHISELED "X" SET
PF	PIN FOUND
SSMH	SANITARY SEWER MANHOLE
SSCO	SANITARY SEWER CLEANOUT
WM	WATER METER
MB	MAILBOX
VB	VERIZON BOX
KP	KEY PAD
BC	BRICK COLUMN
SL	SPOT LIGHT
YL	YARD LIGHT
CP	CABLE PEDESTAL
EB	ELECTRIC BOX

LEGEND

 VEGETATED WETLANDS PROPOSED

TIE DOWNS

A-1	71.66'	B-1	105.57'
A-2	38.95'	B-2	70.77'
A-3	38.82'	B-3	61.11'
A-4	141.93'	B-4	137.36'
A-5	48.95'	B-5	79.34'
A-6	78.48'	B-6	93.90'
A-7	70.92'	B-7	78.07'
A-8	110.41'	B-8	112.72'
A-9	129.89'	B-9	129.36'
A-10	135.40'	B-10	132.96'
A-11	140.33'	B-11	137.39'
A-12	139.02'	B-12	133.09'

IMPACTS

VEGETATED WETLANDS	=	718 SQ. FT.
NON-VEGETATED WETLANDS	=	0 SQ. FT.
SUBAQUEOUS (RIP-RAP)	=	981 SQ. FT.
SUBAQUEOUS (DREDGE)	=	8,429 SQ. FT.
UPLANDS CONVERTED TO VEGETATED WETLANDS	=	1,006 SQ. FT.

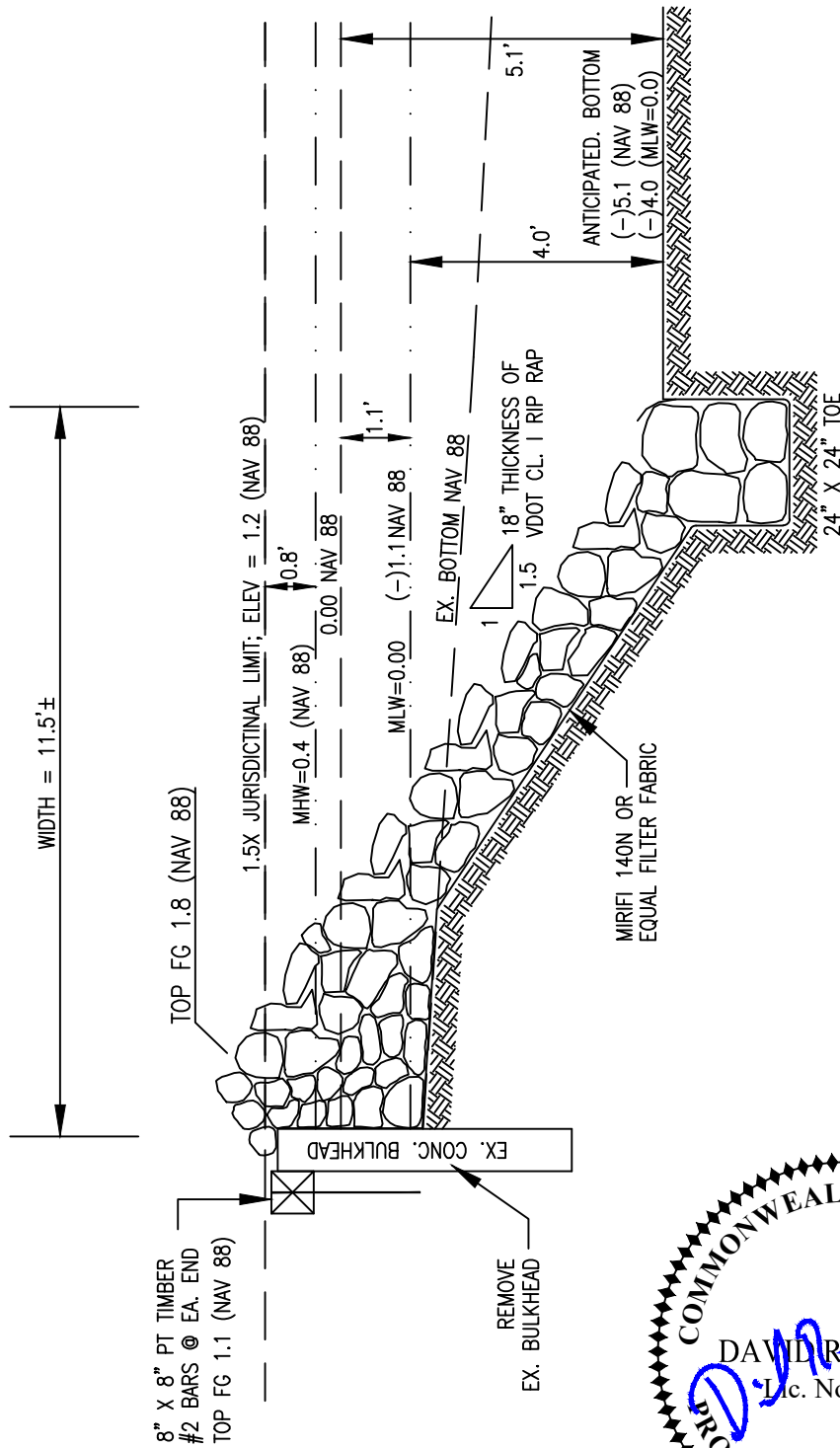
ANTICIPATED DREDGE VOLUME = 904 C.Y.

LENGTHS (RIP-RAP)

1-2	34.87'
2-3	15.39' CHORD LENGTH
2-3	17.55' ARC LENGTH
3-4	106.71'
TOTAL 159.13'	



REVISION SCHEDULE		TABLES	PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 18 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		



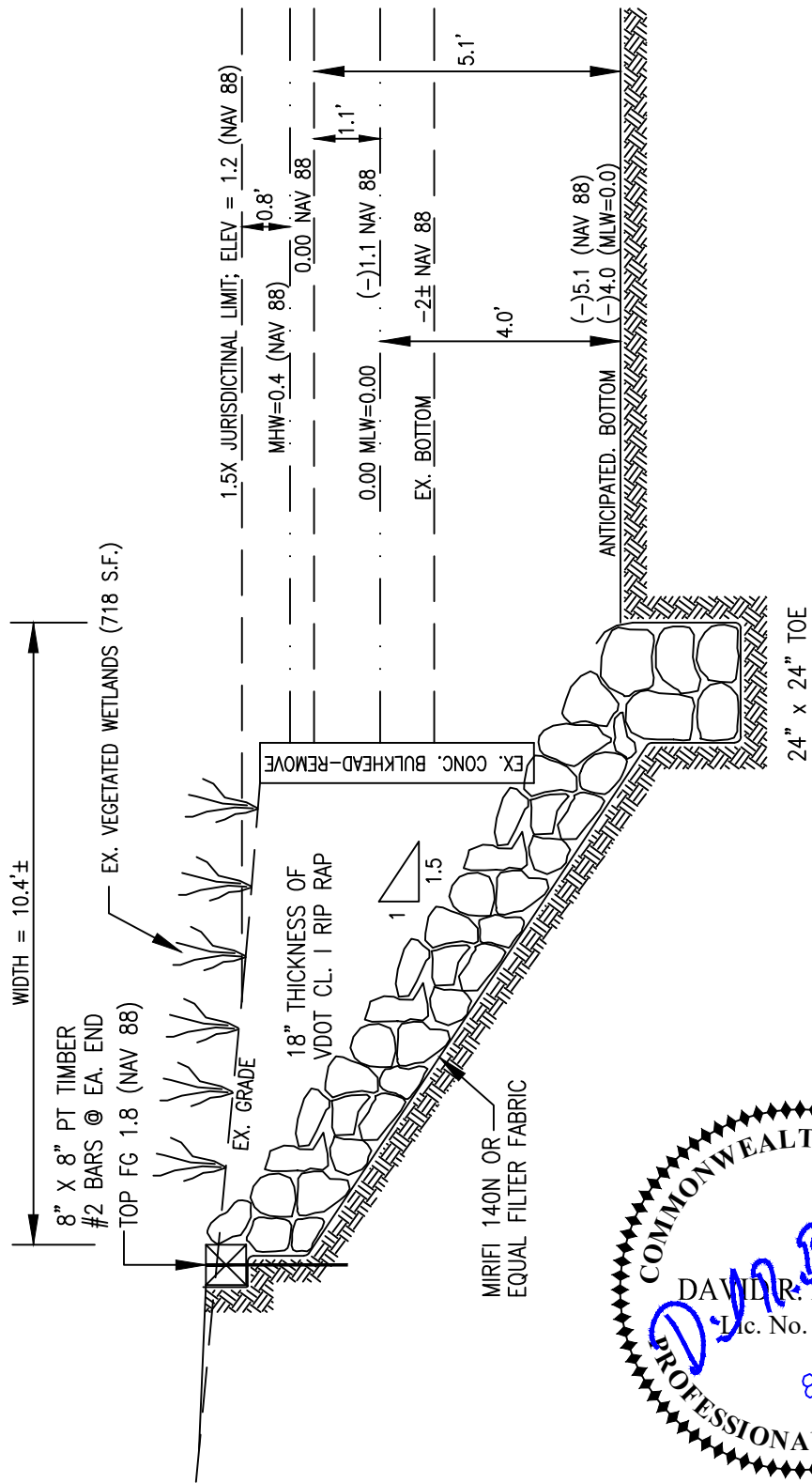
*ALSO APPLIES TO POINTS 2 THROUGH 3
TRANSITION WIDTH FROM 10.4' TO 11.5' AT POINTS 2 THROUGH 3



REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

RIP-RAP SECTION
1" = 3'
POINTS 1-2*

PROJECT: WHARF, PIER, BOATHOUSE,
RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 19 OF 23



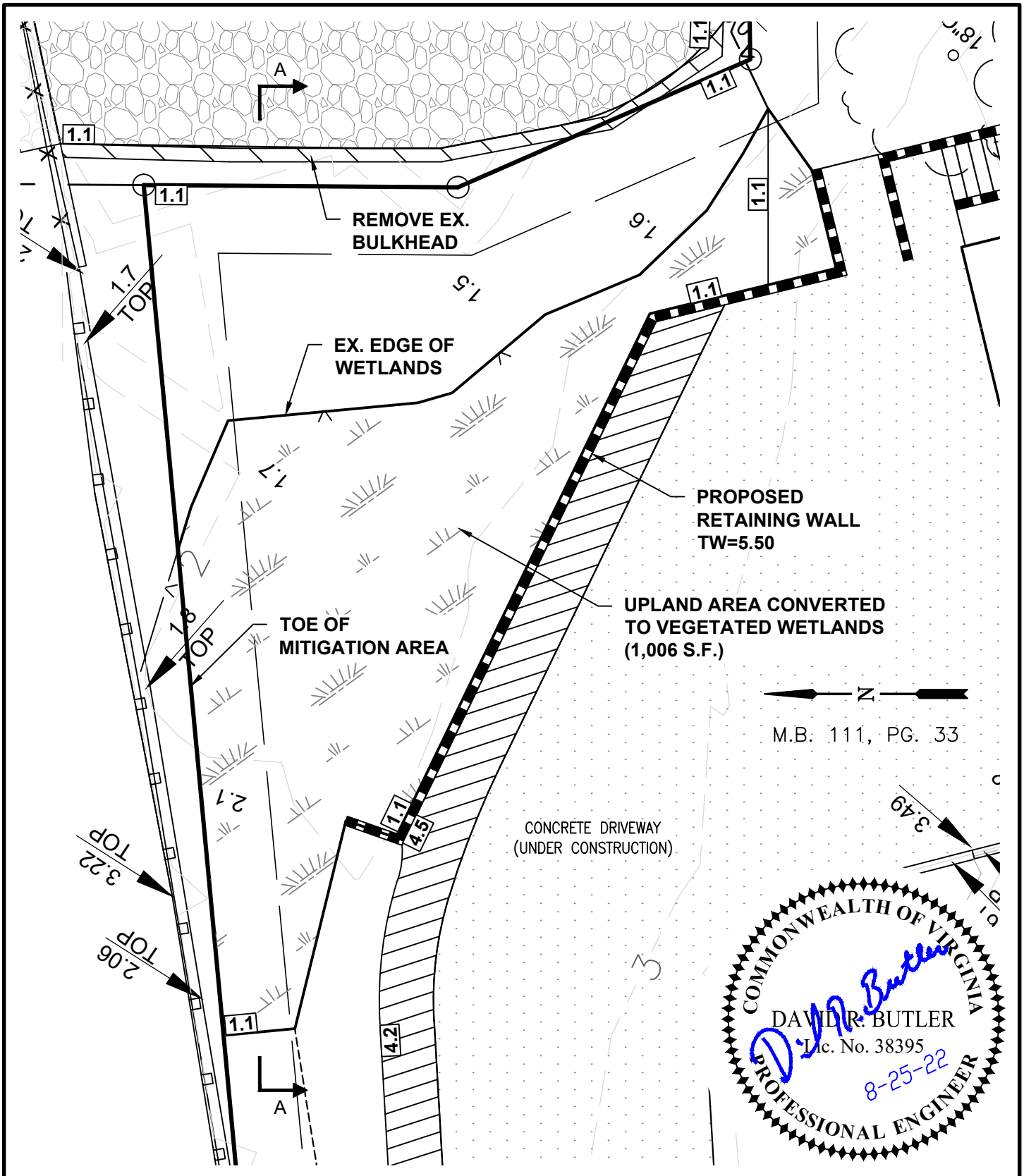
*ALSO APPLIES TO POINTS 2 THROUGH 3
 TRANSITION WIDTH FROM 10.4' TO 11.5' AT POINTS 2 THROUGH 3

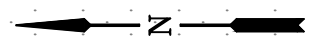


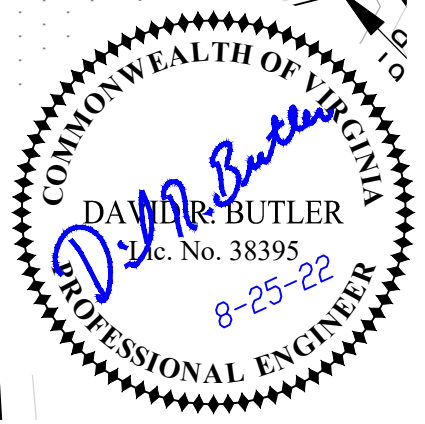
REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

RIP-RAP SECTION
 1" = 3'
 POINTS 3-4*

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 20 OF 23



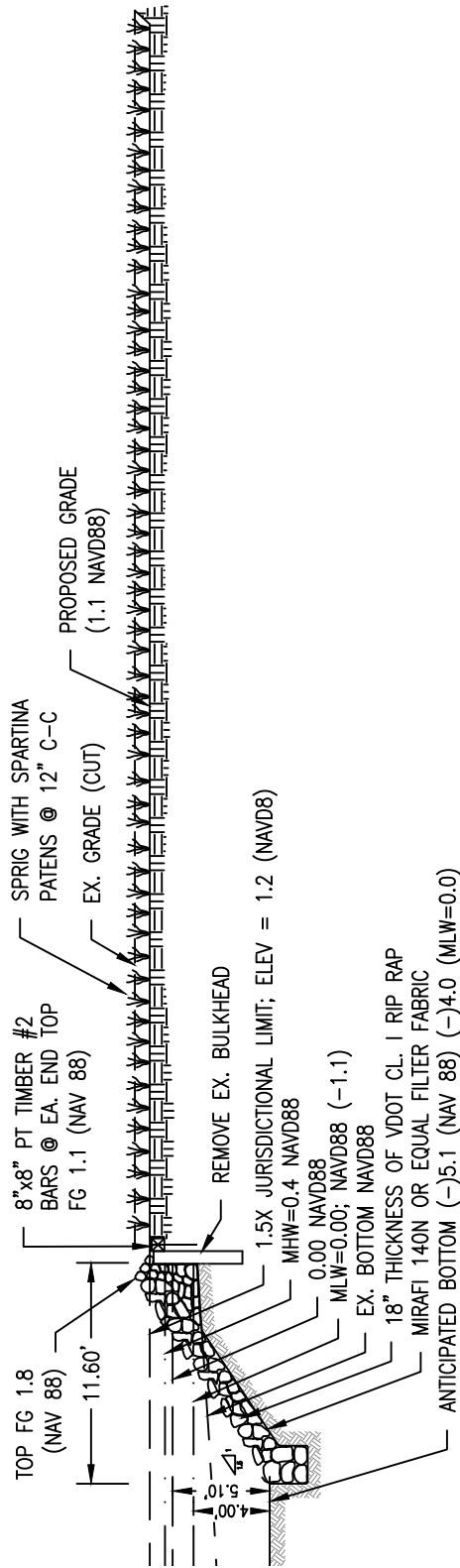

 M.B. 111, PG. 33



REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

MITIGATION PLAN
 1" = 10'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 21 OF 23



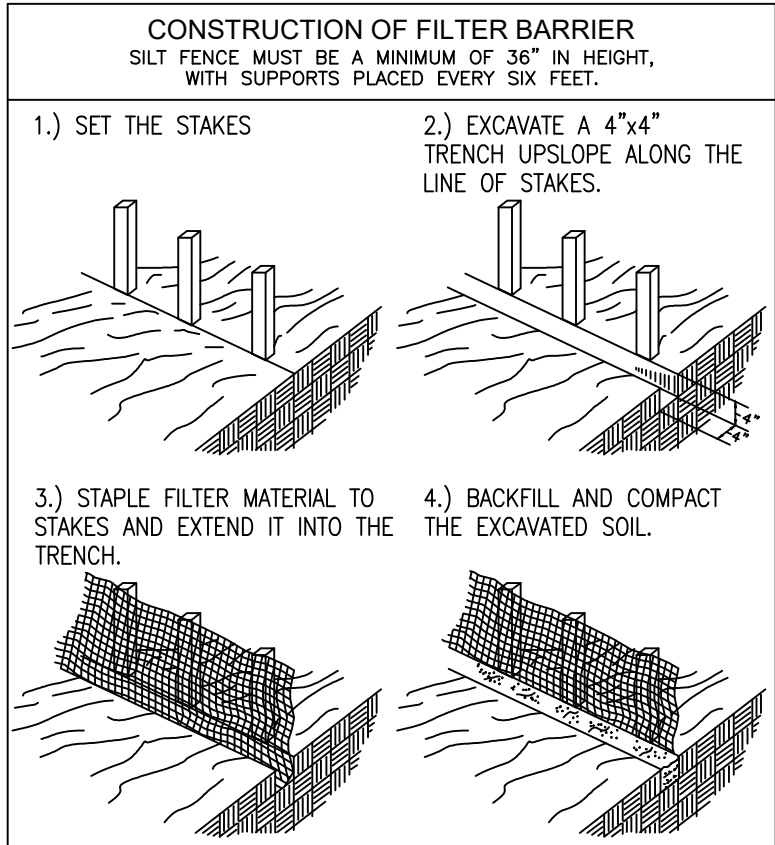
REVISION SCHEDULE	
DATE	COMMENT
1-23-23	VMRC COMMENTS

MITIGATION PLAN
1" = 10'

PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK
BY: CARRIE W. & JEFFREY WATKINS
IN: LITTLE NECK CREEK
DATE: AUGUST 25, 2022 **SHEET:** 22 OF 23

CONSTRUCTION SEQUENCE

1. OBTAIN ALL REQUIRED PERMITS
2. SET-UP A PRE-CONSTRUCTION MEETING WITH COVB
3. DREDGE
4. SET PILES
5. INSTALL RIP-RAP
6. CONSTRUCT WHARF
7. CONSTRUCT BOATHOUSE & PIERS
8. INSTALL RAMP & FLOATING DOCK
9. GRADE MITIGATION AREA
10. PLANT MITIGATION AREA
11. INSTALL SILT FENCE
12. 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		NOTES & DETAILS	PROJECT: WHARF, PIER, BOATHOUSE, RAMP & FLOATING DOCK BY: CARRIE W. & JEFFREY WATKINS IN: LITTLE NECK CREEK DATE: AUGUST 25, 2022 SHEET: 23 OF 23
DATE	COMMENT		
1-23-23	VMRC COMMENTS		

LICENSE/AGENCY AGREEMENT

RE:

1. I/we, the undersigned and property owner of 940 Oriole Drive , hereby authorize Jeffrey & Carrie Watkins to make application in our name to the City of Virginia Beach, Planning Department for the purpose of making certain improvements to the above property owned by us, which improvements are more fully set forth in a copy of the proposed Permit Application attached hereto and incorporated herein by reference. We further authorize Jeffrey and Carrie Watkins to execute the necessary permits and bonds on our behalf if the City of Virginia Beach, Planning Department grants approval for such a permit.

2. We do further grant to the agents of the City of Virginia Beach, Virginia for a period of time until the project is released by the City of Virginia Beach, Planning Department's authorized agent, in writing, the irrevocable right to go upon our said property described above for the purpose of making such improvements deemed necessary to correct or complete any activity referenced on the attached application for Waterfront Construction Permit pursuant to an approved permit(s) from said City. The period of time mentioned above is to commence upon the issuance of a valid permit for said improvements on said property by the City of Virginia Beach, Planning Department.

3. All of the improvements made under any permit issued by the City of Virginia Beach, Planning Department, the Virginia Marine Resources Commission and/or the U. S. Army Corps of Engineers are to be made at the sole expense of Jeffrey and Carrie Watkins including the posting of any required bond or other surety.

Arthur J. and Linda S. Zachary

Arthur J. Zachary
(Printed Name of Owner)

Arthur J. Zachary
(Signature of Owner)

11-22-2022
(Date)

Jeffrey and Carrie Watkins

Jeffrey Watkins / Carrie Watkins
(Printed Name of Applicant)

Jeffrey Watkins / Carrie Watkins
(Signature of Applicant)

12/1/2022
(Date)

"Any alteration of this form or its endorsements without express consent from the originator shall invalidate this instrument."

LICENSE/AGENCY AGREEMENT

RE:

1. I/we, the undersigned and property owner of 952 Oriole Drive , hereby authorize Jeffrey & Carrie Watkins to make application in our name to the City of Virginia Beach, Planning Department for the purpose of making certain improvements to the above property owned by us, which improvements are more fully set forth in a copy of the proposed Permit Application attached hereto and incorporated herein by reference. We further authorize Jeffrey and Carrie Watkins to execute the necessary permits and bonds on our behalf if the City of Virginia Beach, Planning Department grants approval for such a permit.

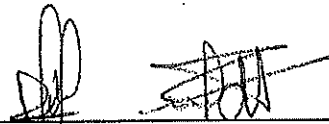
2. We do further grant to the agents of the City of Virginia Beach, Virginia for a period of time until the project is released by the City of Virginia Beach, Planning Department's authorized agent, in writing, the irrevocable right to go upon our said property described above for the purpose of making such improvements deemed necessary to correct or complete any activity referenced on the attached application for Waterfront Construction Permit pursuant to an approved permit(s) from said City. The period of time mentioned above is to commence upon the issuance of a valid permit for said improvements on said property by the City of Virginia Beach, Planning Department.

3. All of the improvements made under any permit issued by the City of Virginia Beach, Planning Department, the Virginia Marine Resources Commission and/or the U. S. Army Corps of Engineers are to be made at the sole expense of Jeffrey and Carrie Watkins including the posting of any required bond or other surety.

Dario and Marie Fuenmayor

DARIO FUENMAYOR MARIE FUENMAYOR

(Printed Name of Owner)


(Signature of Owner)

12/7/22
(Date)

Jeffrey and Carrie Watkins

Jeffrey Watkins / Carrie Watkins

(Printed Name of Applicant)


(Signature of Applicant)

12/11/2022
(Date)

"Any alteration of this form or its endorsements without express consent from the originator shall invalidate this instrument."

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I (we), Dario and Marie F. Fuenmayor, own land next to (across the water
(Print adjacent/nearby property owner's name)

from/on the same cove as) the land of Jeffrey and Carrie Watkins
(Print applicant's name(s))

I have reviewed the applicant's project drawings dated August 25, 2022
(Date)

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

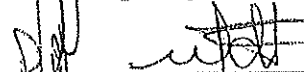
I HAVE NO COMMENT _____ ABOUT THE PROJECT.

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)

12/7/22
Date

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

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I (we), Arthur J. and Linda S. Zachary, own land next to (across the water
(Print adjacent/nearby property owner's name)

from/on the same cove as) the land of Jeffrey and Carrie Watkins.
(Print applicant's name(s))

I have reviewed the applicant's project drawings dated August 25, 2022
(Date)

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

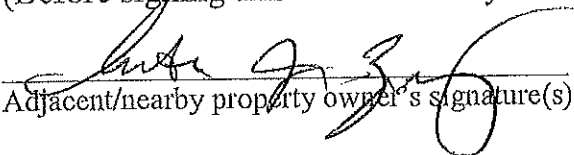
I HAVE NO COMMENT _____ ABOUT THE PROJECT.

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)

11-22-2022
Date

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

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I (we), Jeffrey F. and Rhonda B. Clay, own land next to (across the water
(Print adjacent/nearby property owner's name)

from/on the same cove as) the land of Jeffrey and Carrie Watkins,
(Print applicant's name(s)).

I have reviewed the applicant's project drawings dated August 25, 2022
(Date)

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

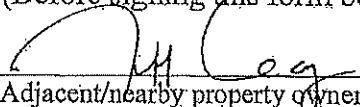
I HAVE NO COMMENT _____ ABOUT THE PROJECT.

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)

12/5/22
Date

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

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER’S ACKNOWLEDGEMENT FORM

I (we), Stephen E. and Louise A. Noona, own land next to (across the water) (Print adjacent/nearby property owner’s name)

from/on the same cove as) the land of Jeffrey and Carrie Watkins (Print applicant’s name(s))

I have reviewed the applicant’s project drawings dated August 25, 2022 (Date)

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

I HAVE NO COMMENT [checked] ABOUT THE PROJECT.

I DO NOT OBJECT [checked] 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).

[Signature] Adjacent/nearby property owner’s signature(s)

[Signature] 12/06/22

12.06.22 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.