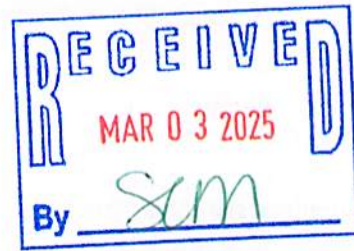


From: [Gregory "Mike" Henrich](#)
To: [MRC - jpa Permits](#)
Subject: POWELL, DOUG AND ELKE JPA 6966 Bray Rd, Hayes, VA 23072 .pdf
Date: Thursday, February 27, 2025 4:29:02 PM
Attachments: [Outlook-xx3mlkdr.png](#)
[POWELL, DOUG AND ELKE Letter of Engagement.pdf](#)



25030013

Have a Great Day

Mike Henrich
Permit Division LLC
Shoreline Design and Permits
Permitdivision@gmail.com
757 337 7225



- ❖ 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 # 25-0453

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.

Check all that apply				
Pre-Construction Notification (PCN) <input type="checkbox"/>		PASDO – PGP Self Verification <input checked="" type="checkbox"/>		
NWP # _____ (For Nationwide Permits ONLY - No DEQ-VWP permit writer will be assigned)		(Replaces Regional Permit 17 (RP-17) checklist)		
County or City in which the project is located: <u>Gloucester</u>				
Waterway at project site: <u>York River</u>				
PREVIOUS ACTIONS RELATED TO THE PROPOSED WORK (Include all federal, state, and local pre application coordination, site visits, previous permits, or applications whether issued, withdrawn, or denied)				
Historical information for past permit submittals can be found online with VMRC - https://webapps.mrc.virginia.gov/public/habitat/ - or VIMS - http://ccrm.vims.edu/pems/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:

POWELL, DOUGLAS + Elke Powell
6966 Bray Rd, Hayes, VA 23072
Tax Map Number: 50-79B0

Home () _____
Work () _____
Fax () _____
Cell () _____
e-mail 703 431-5302
Powell.Douglas@verizon.net

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

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

1116 Franklin Court Southwest
Leesburg VA 20175

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):

Gregory M. Henrich
PO Box 1021
West Point VA 23181

Contact Information:

Home () _____
Work () _____
Fax () _____
Cell (757) 337-7225
e-mail permitdivision@gmail.com

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.

THE EXISTING BULKHEAD WILL BEE ABANDONED AND A PROPOSED
REVTMENT/GROIN WILL BE CONSTRUCTED. THE REVETMENT WILL BE 8' AND BE
INSTALLED ALONG THE EXISTING SHORELINE. THE PROPOSED GROIN WILL
EXTEND 50' CHANNEL WARD WITH A 14' BASE. THE OWNER ALSO PROPOSES TO
BUILD A PIER WITH A FLOATING DOCK AND BOAT LIFT 36 PILINGS

ANY OYSTERS WITHIN THE FOOTPRINT OF THE REVETMENT WILL BE RELOCATED
TO THE FOOT OF THE REVETMENT, STAYING ONSITE.

Part 1 - General Information (continued)

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

Contractor's name* and complete mailing address:

Contact Information:

Home () _____

Work () _____

Fax () _____

Cell () _____

email _____

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

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

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

Name and complete mailing address:

Telephone number

Daily Press c/o Virginia Media
P.O. Box 2820
Norfolk, VA 23501

(757) 247-4600 _____

7. Give the following project location information:

Street Address (911 address if available) 6966 Bray Rd. RPC: 17494

Lot/Block/Parcel# Tax Map Number: 50-79B

Subdivision _____

City / County Hayes, City ZIP Code 23072

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

37.27649 / -76.51426 (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.*

Located easily

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 To protect property from erosion due to boat wakes.

Secondary purpose To provide safer access to a pier.

Part 1 - General Information (continued)

9. Proposed use (check one):

- ☐ Single user (private, non-commercial, residential)
☒ Multi-user (community, commercial, industrial, government)

10. Describe alternatives considered and the measures that will be taken to avoid and minimize impacts, to the maximum extent practicable, to wetlands, surface waters, submerged lands, and buffer areas associated with any disturbance (clearing, grading, excavating) during and after project construction. *Please be advised that unavoidable losses of tidal wetlands and/or aquatic resources may require compensatory mitigation.*

Proposed dimensions are minimized to reduce impacts on navigable waterway yet adequately protect against erosion and provide water access. Any impacts to landscape upland vegetation will be repaired upon project completion. Permittee will adhere to the anadromous fish use area TOYR prohibiting inwater work from occurring between February 15 through June 30 of any given year if determined to be anadromous fish use area.

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.): \$90,000
Approximate cost of that portion of the project that is channelward of mean low water:
\$ 35,000

13. Completion date of the proposed work: TBD -

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.

FLEMING, BLAKE A
6960 BRAY RD
Hayes, VA 23072

LEVY, MARY
Tax Map Number: 50-79
2334 BUTLER BAY DR NORTH
WINDERMERE FL 34786

Part 2 - Signatures

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

NOTE: REQUIRED FOR ALL PROJECTS

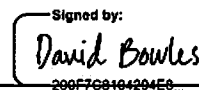
PRIVACY ACT STATEMENT: The Department of the Army permit program is authorized by Section 10 of the Rivers and Harbors Act of 1899, Section 404 of the Clean Water Act, and Section 103 of the Marine Protection Research and Sanctuaries Act of 1972. These laws require that individuals obtain permits that 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.

BOWLES, DAVID

Applicant's Legal Name (printed/typed)

(Use if more than one applicant)

Signed by:

200F7C0164204E0

Applicant's Signature

(Use if more than one applicant)

12/17/2024

Date

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

(Use if more than one owner)

Property Owner's Signature

(Use if more than one owner)

Date

Part 2 – Signatures (continued)

2. Applicants having agents (if applicable)

CERTIFICATION OF AUTHORIZATION

I (we), BOWLES, DAVID, hereby certify that I (we) have authorized Gregory "Mike" Henrich
(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.

Gregory Henrich
(Agent's Signature)

(Use if more than one agent)

12/17/2024

(Date)

Signed by:
David Bowles
(Applicant's Signature)

(Use if more than one applicant)

12/17/2024

(Date)

3. Applicant's having contractors (if applicable)

CONTRACTOR ACKNOWLEDGEMENT

I (we), BOWLES, DAVID, have contracted Bay River Marine Construction
(Applicant's legal name(s)) (Contractor's name(s))

to perform the work described in this Joint Permit Application, signed and dated TBD.

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.

Bay River Marine Construction

Contractor's name or name of firm

153 FAIRVIEW ROAD NEWPORT NEWS VA 23606

Contractor's or firms address

2705189926

Contractor's License Number

Contractor's signature and title

Signed by:
David Bowles
Applicant's signature

(use if more than one applicant)

12/17/2024

Date

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

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

from/on the same cove as) the land of FLEMING, BLAKE A.
(Print applicant's name(s))

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

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

I HAVE NO COMMENT _____ ABOUT THE PROJECT.

I DO NOT OBJECT _____ TO THE PROJECT.

I OBJECT _____ TO THE PROJECT.

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

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

Adjacent/nearby property owner's signature(s)

Date

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

Part 2 – Signatures (continued)

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

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

from/on the same cove as) the land of POWELL, DOUGLAS.
(Print applicant's name(s))

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

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

I HAVE NO COMMENT _____ ABOUT THE PROJECT.

I DO NOT OBJECT _____ TO THE PROJECT.

I OBJECT _____ TO THE PROJECT.

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

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

Adjacent/nearby property owner's signature(s)

Date

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



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NORFOLK DISTRICT
23-SPGP-PASDO SELF-VERIFICATION FORM
CATEGORY A PIER STRUCTURES

Expires: August 21, 2028

Please review the 23-SPGP-PASDO before completing this form. This can only be used for proposed PRIVATE USE structures that comply with the terms and conditions of the 23-SPGP-PASDO located on the Corps website: <https://www.nao.usace.army.mil/Missions/Regulatory/RBregional/>.

1. Has the permittee reviewed the 23-SPGP-PASDO and verified that the proposed structures are in compliance with all the terms, conditions, and limitations of 23-SPGP-PASDO?
☐ YES ☒ NO
2. Are the proposed structures for private use only?
☐ YES ☒ NO
3. To avoid adverse effects to navigation, do the proposed structures extend no more than one-fourth of the distance across the waterway measured from either mean high water (MHW) to MHW (including all channelward wetlands) or ordinary high water (OHW) to OHW (including all channelward wetlands)?
☐ YES ☒ NO
4. If the proposed structures cross wetland vegetation, are they an open-pile design that has a maximum width of five (5) feet and a minimum height of four (4) feet between the decking and the wetland substrate?
☐ YES ☒ NO ☐ N/A
5. Do the proposed structures include no more than two (2) lifts and no more than two (2) boat slips?
☐ YES ☒ NO ☐ N/A
6. Is the open-sided roof structure designed to shelter a boat no more than 700 square feet and/or is the open-sided roof structure or gazebo structure designed to shelter a pier no more than 400 square feet?
☐ YES ☒ NO ☐ N/A
7. Are all piles associated with the proposed structure non-steel, no more than 12" in diameter, and will there be no more than 25 piles installed channelward of MHW?
☐ YES ☒ NO
8. When operationally feasible, is all work occurring behind cofferdams, turbidity curtains, or other methods used to control turbidity?
☐ YES ☒ NO
9. If the proposed structures are to be located within an anadromous fish use area, will the prospective permittee adhere to the anadromous fish use area time of year restriction (TOYR) prohibiting in-water work from occurring between February 15 through June 30 of any given year if 1) piles are to be installed with a cushioned impact hammer and there are fewer than 492 feet between the most channelward pile and mean low water (MLW) on the opposite shoreline; or 2) piles are to be installed with a vibratory hammer and there are fewer than 384 feet between the most channelward pile and MLW on the opposite shoreline? <https://services.dwr.virginia.gov/fwis/>.
☐ YES ☒ NO ☐ N/A
10. Is all work occurring outside of submerged aquatic vegetation (SAV) mapped by the Virginia Institute of Marine Sciences' (VIMS) most recent survey year and 5-year composite?
<https://mobjack.vims.edu/sav/savwmap/>
☐ YES ☒ NO
11. Has the permittee ensured the construction of the proposed structures will not affect federally listed threatened or endangered species or designated critical habitat?
NOAA PRD: <https://www.fisheries.noaa.gov/new-england-mid-atlantic/consultations/section-7-consultations-greater-atlantic-region> ; and
US Fish and Wildlife Service: <https://ipac.ecosphere.fws.gov/>
☐ YES ☒ NO

12. Will the proposed structures be located outside of the following waterbodies: Broad Creek in Middlesex County, Fisherman's Cove in Norfolk, or the Salt Ponds in Hampton?
☐ YES ☐ NO
13. Is your project located outside of the Section 408 Review Area boundaries for civil works projects (e.g. federal navigation channels, flood risk management projects, or aquatic ecosystem restoration projects) as depicted on the "Norfolk District Section 408 Review Layer" in the Norfolk District Section 408 Map? <https://www.nao.usace.army.mil/408Review/>
☐ YES ☐ NO
14. Is your project located outside of any federal property? Federal property can be located on the "NAO Real Estate Data – CWLDM Land Parcel Area" layer on the Norfolk District Section 408 Map? <https://www.nao.usace.army.mil/408Review/> .
☐ YES ☐ NO
15. Will the proposed structures be located outside of any Designated Trout Waters?
<https://services.dwr.virginia.gov/fwis/>
☐ YES ☐ NO
16. If the proposed structures include floatation units, will the floating sections be braced so they will not rest on the bottom during periods of low water?
☐ YES ☐ NO ☐ N/A
17. Does the permittee recognize this form does not authorize any dredging or filling of waters of the United States (including wetlands) and does not imply that future dredging proposals or any other structures will be approved by the Corps?
☐ YES ☐ NO

If you have answered "NO" to any of the questions above, then the Category A Self-Verification of the 23-SPGP-PASDO does NOT apply, and you are required to obtain written authorization from the Corps prior to performing the work.

If you answered "YES" (or "N/A, where applicable) to all of the questions above, you are in compliance with the Category A Self-Verification of the 23-SPGP-PASDO. Please sign below and submit this self-verification form with your completed Joint Permit Application (JPA). This signed form serves as your letter of authorization from the Corps. You WILL NOT receive any other written authorization from the Corps; however, you MAY NOT proceed with construction until you have obtained all other necessary state and local permits.

By signing below, I certify that I have read and understand all conditions of the Army Corps of Engineers Norfolk District Regulatory Branch 23-SPGP-PASDO, dated August 22, 2023. I accept all of the terms and conditions of the permit, including the limits of federal liability contained in the 23-SPGP-PASDO enclosure. I acknowledge that structures authorized under this permit may be exposed to waves caused by passing vessels. The permittee is solely responsible for the integrity of the permitted structures and any resulting wave damage to such structures or moored vessels. I accept that the United States is not liable in any way for such damage and that the permittee will not seek to involve the United States in any actions or claims regarding such damage.

Gregory Henrich
 Signature of Property Owner(s) or Agent

12/20/2025

Date

Proposed work location:
 Tax Map Number: 50-79B

6966 Bray Rd, Hayes, VA 23072

VMRC Number

Part 3 – Appendices

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

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

1. Briefly describe your proposed project.

PROPOSED 80'X6' WALKWAY WITH 8'X10 L HEAD WITH A 8'X10 FLOATING PIER. A 5'X 47' FINGER PIER AROUND A 16K 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? 80 feet.

Channelward of Mean High Water? 10 feet.

Channelward of Mean Low Water? 15 feet.

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

Tidal non-vegetated wetlands 0 square feet.

Tidal vegetated wetlands 0 square feet.

Submerged lands 737 square feet.

What is the total size of any and all L- or T-head platforms? 160 sq. ft.

For boathouses, what is the overall size of the roof structure? 0 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 #
N/A				

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:

THE EXISTING BULKHEAD WILL BEE ABANDONED AND A PROPOSED
REVTMENT/GROIN WILL BE CONSTRUCTED. THE REVTMENT WILL BE 8'X140' AND
BE INSTALLED ALONG THE EXISTING SHORELINE. THE PROPOSED GROIN WILL
EXTEND 50' CHANNEL WARD WITH A 14' BASE.

Impacted area: 1820 SQFT

2. What is the maximum encroachment channelward of mean high water? 50 feet.
Channelward of mean low water? 40 feet.
Channelward of the back edge of the dune or beach? 0.0 feet.
3. Please calculate the square footage of encroachment over:
 - Vegetated wetlands _____ square feet
 - Non-vegetated wetlands 1120 square feet
 - Subaqueous bottom 560 square feet
 - Dune and/or beach _____ square feet

4. For bulkheads, is any part of the ~~x~~ 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.
Existing bulkhead is in a failing condition and is no longer serviceable a revetment will be used in its place.

Part 3 – Appendices (continued)

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

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

Revetment consists of Class I riprap and filter fabric. Entirety of project will be constructed upslope of the current timber bulkhead which is failing and will be removed with this project.

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

Core (inner layer) material 100 pounds per stone Class size 1

Armor (outer layer) material N/A pounds per stone Class size N/A

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

- Volume of material _____ cubic yards channelward of mean low water
- _____ cubic yards landward of mean low water
- _____ cubic yards channelward of mean high water
- _____ cubic yards landward of mean high water

- Area to be covered _____ square feet channelward of mean low water
 _____ square feet landward of mean low water
 _____ square feet channelward of mean high water
 _____ square feet landward of mean high water

- Source of material, composition (e.g. 90% sand, 10% clay): _____
- Method of transportation and placement: _____

- Describe any proposed vegetative stabilization measures to be used, including planting schedule, spacing, monitoring, etc. Additional guidance is available at <http://www.vims.edu/about/search/index.php?q=planting+guidelines>:

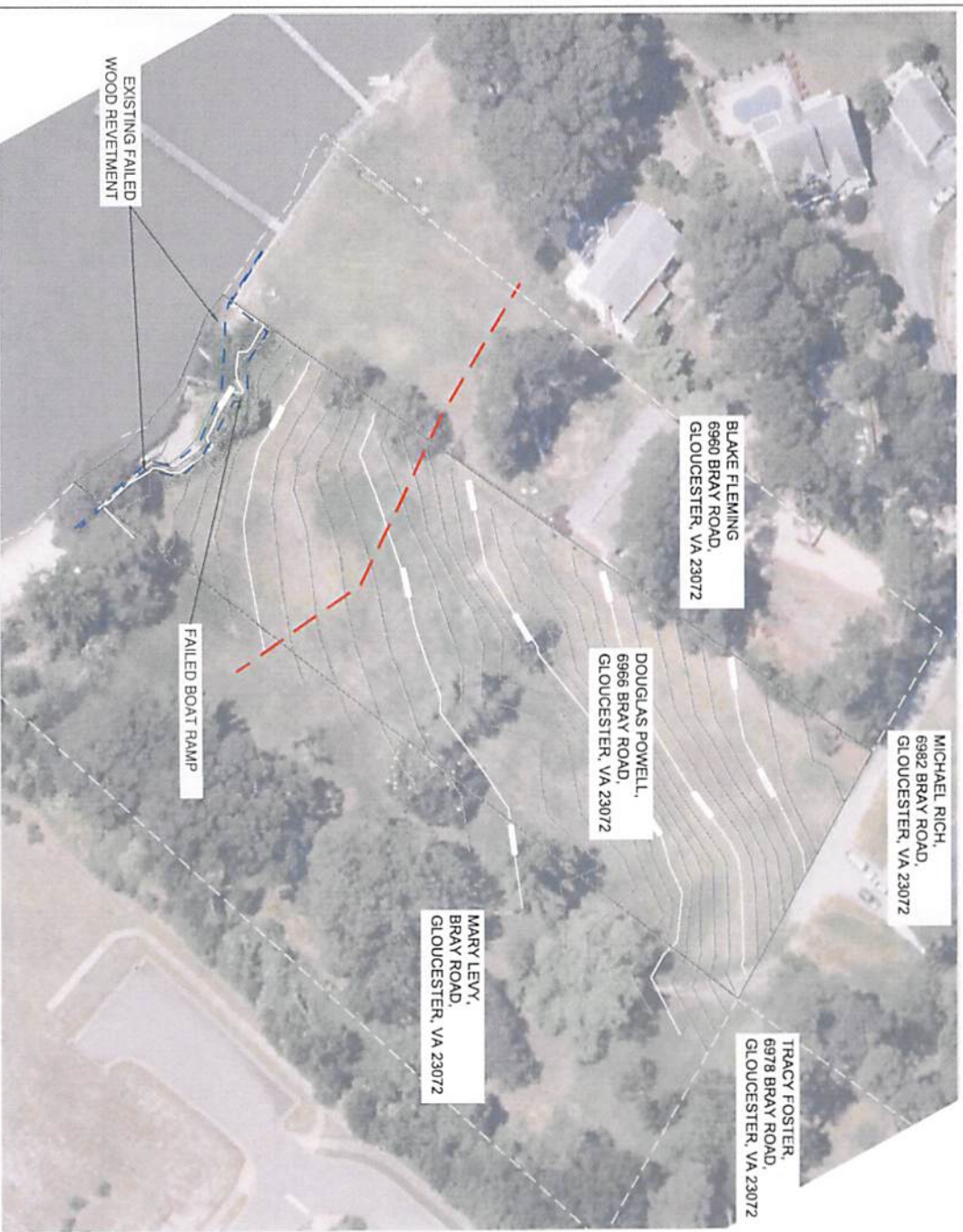
Part 4 - Project Drawings





Plan view and cross-sectional view drawings are required for all projects. Application drawings do not need to be prepared by a professional draftsman, but they must be clear, accurate, and should be to an appropriate scale. If a scale is not used, all dimensions must be clearly depicted in the drawings. If available, a plat of the property should be included, with the existing and proposed structures clearly indicated. Distances from the proposed structure(s) to fixed points of reference (benchmarks) and to the adjacent property lines must be shown. A vicinity map (County road map, USGS Topographic map, etc.) must also be provided to show the location of the property. **NOTE:** The sample drawings have been included at the end of this section to provide guidance on the information required for different types of projects. Clear and accurate drawings are essential for project review and compliance determination. Incomplete or unclear drawings may cause delays in the processing of your application.

The following items must be included on ALL project drawings: (plan and cross-sectional, as appropriate)

- **name of project**
- **north arrow**
- **scale**
- **waterway name**
- **existing and proposed structures, labeled as such**
- **dimensions of proposed structures**
- **mean high water and mean low water lines**
- **all delineated wetlands and all surface waters on the site, including the Cowardin classification (i.e., emergent, scrub-shrub, or forested) for those surface waters (if applicable)**
- **limits of proposed impacts to surface waters, such as fill areas, riprap scour protection placement, and dredged areas, and the amount of such impacts in square feet and acres**
- **ebb/flood direction**
- **adjacent property lines and owner's name**
- **distances from proposed structures to fixed points of reference (benchmarks) and adjacent property lines**

NOTE: THE EXISTING BULKHEAD WILL BE ABANDONED AND A PROPOSED REVETMENT/GROIN WILL BE CONSTRUCTED. THE REVETMENT WILL BE 8' AND BE INSTALLED ALONG THE EXISTING SHORELINE. THE PROPOSED GROIN WILL EXTEND 50' CHANNEL WARD WITH A 14' BASE. THE OWNER ALSO PROPOSES TO BUILD A PIER WITH A FLOATING DOCK AND BOAT LIFT.



-  RPA LOCATION
-  EXISTING FAILED BULKHEAD
-  MLW
-  MHW



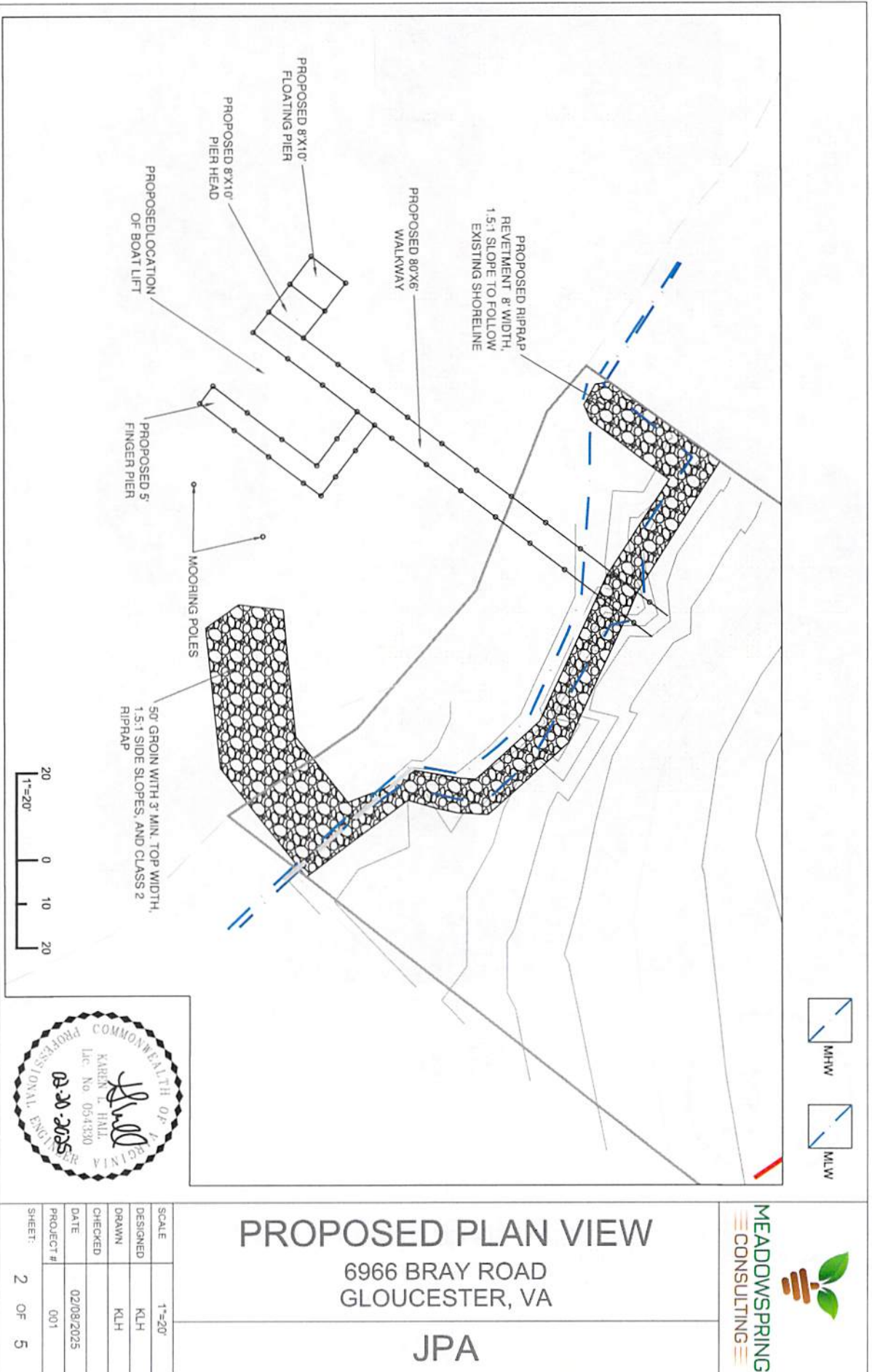
EXISTING PLAN VIEW

6966 BRAY ROAD
GLOUCESTER, VA

JPA



SCALE	1"=30'
DESIGNED	KLH
DRAWN	KLH
CHECKED	
DATE	02/09/2025
PROJECT #	001
SHEET:	1 OF 5



REVIEW NOTES:
THE EXISTING WOOD BULKHEAD AND GROINS NEED TO BE ABANDONED AND THE EXISTING REVEMENT REINFORCED. THE REVEMENT SHOULD MEET THE BELOW SPECIFICATIONS UPON COMPLETION. IF MAINTENANCE IN EXCESS OF THE ORIGINAL PROPOSAL IS FOUND DURING THE PROJECT THE CONTRACTOR MUST COORDINATE FURTHER WORK WITH THE HOMEOWNER.

- 1) THE REVEMENT WILL HAVE CLASS 1 RIPRAP CORE STONE AND CLASS 2 RIPRAP ARMOR STONE. STONE THICKNESS SHOULD NOT BE LESS THAN 3". THE REVEMENT WILL BE LINED WITH GEOTEXTILE FABRIC.
- 2) REVEMENT TO INCLUDE A TWO-FOOT-WIDE SPLASH APRON CHANNELWARD. RIPRAP REVEMENT TO BE GRADED TO A 1.5:1 SLOPE AND INCLUDE A BURIED TOE. PROPOSED REVEMENT TO INCLUDE APPROXIMATELY 3.0 TONS OF QUARRY STONE PER LINEAR FOOT. EACH STONE LAYER SHOULD BE NO LESS THAN DOUBLE THE AVERAGE DIAMETER OF THE STONE TYPE.

- 3) A 1'-0" WIDE X 1'-0" DEEP STONE DRAIN TILE TO BE INSTALLED UP-AND OF PROPOSED REVEMENT BEHIND EXISTING BULKHEAD TO ALLOW FOR DISCHARGE OF SURFACE WATER THAT IS UP-AND OF PROPOSED REVEMENT. MATERIAL TO INCLUDE #1 VDOT STONE 6" PERFORATED HDPE DRAINAGE PIPE AND NON-WOVEN GEOTEXTILE FABRIC.

- 4) EXISTING SLOPE IMPACTED BY INSTALL OF STONE DRAIN AND INGRESS AND EGRESS OF EQUIPMENT AND MATERIALS TO BE REPAIRED AND RESTORED TO ORIGINAL CONTOURS. RESTORATION INCLUDES ADDITIONAL FILL UP-AND OF EXISTING BULKHEAD AND AS NEEDED ON SLOPE COMPACTED IN PLACE. IMPACTED AREAS TO BE GRADED, COVERED WITH TOPSOIL, FERTILIZED, SEEDED AND STABILIZED WITH EC-2 EROSION CONTROL BLANKET STAPLED INTO PLACE.

- 5) ACCESS FOR PROJECT WILL BE A 10'-0" WIDE ACCESS PATH ALONG EAST PROPERTY LINE. UPON COMPLETION OF PROJECT ALL IMPACTED AREAS TO BE GRADED WITH TOPSOIL AS NEEDED, SEEDED, AND MULCHED WITH STRAW OR EC-11.
- 6) BACKFILL SHOULD BE FREE DRAINING, CLEAN, GRANULAR MATERIAL. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL AND SHALL BE NATURAL NONORGANIC MATERIAL THAT IS NOT SUSCEPTIBLE TO SWELLING WHEN EXPOSED TO MOISTURE. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT.
- 7) CONTRACTOR TO IDENTIFY AND LOCATE UTILITIES BEFORE ACCESS PATH OR LAND DISTURBANCE.



PROPOSED PROFILE
NTS

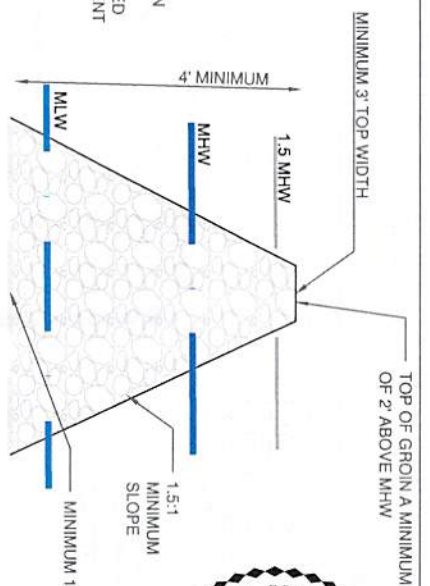
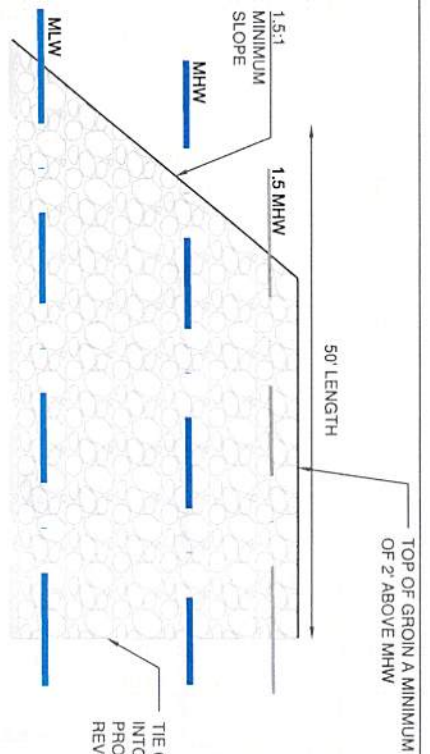
PROFILE & NOTES

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GLOUCESTER, VA

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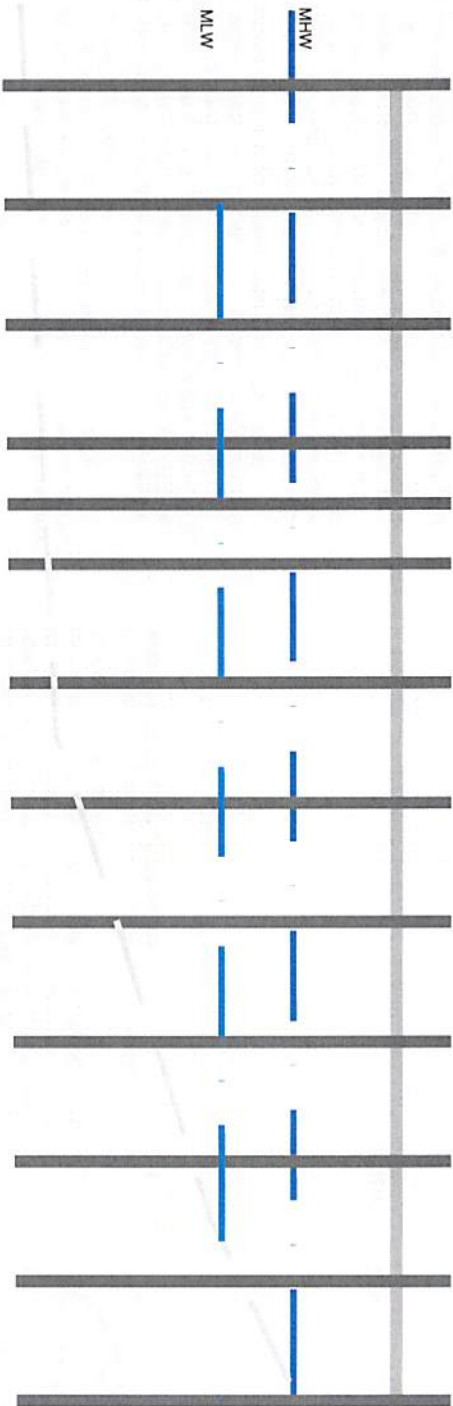


SCALE	1"=10'
DESIGNED	KLH
DRAWN	KLH
CHECKED	
DATE	02/08/2025
PROJECT #	001
SHEET:	3 OF 5



PROPOSED GROIN PROFILE
NTS

PROPOSED GROIN SECTION
NTS



PROPOSED PIER PROFILE
HORIZONTAL: 1" = 10'
VERTICAL: 1" = 2'

PROFILE & NOTES (2)

6966 BRAY ROAD
GLOUCESTER, VA

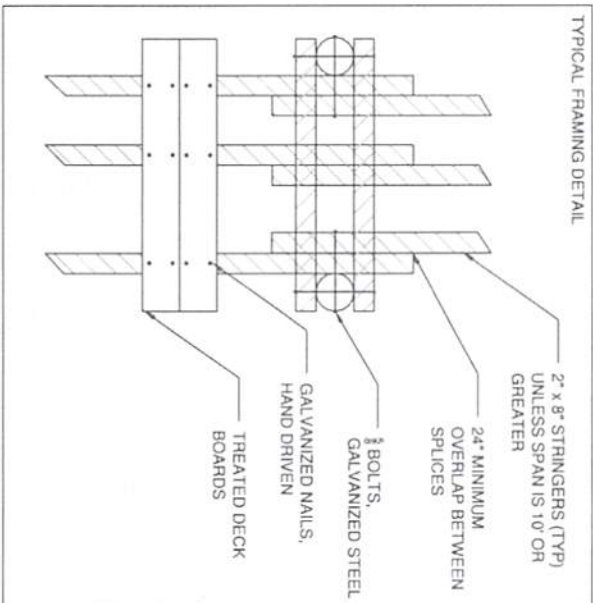
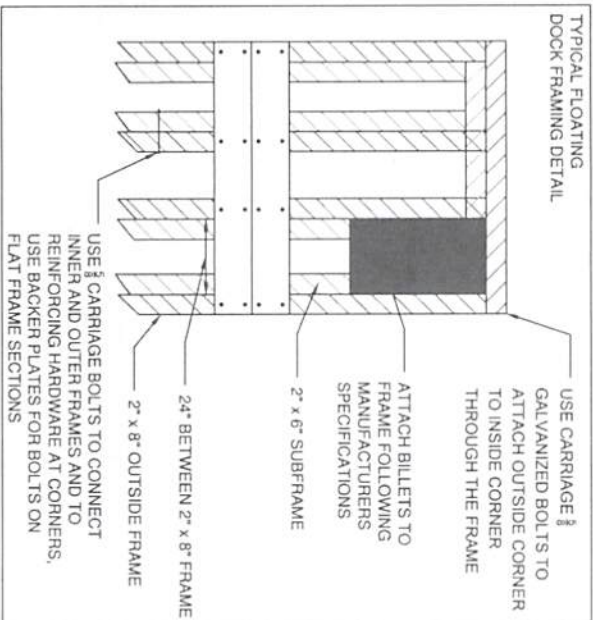
JPA



SCALE	1"=10'
DESIGNED	KLH
DRAWN	KLH
CHECKED	
DATE	02/09/2025
PROJECT #	001
SHEET:	4 OF 5

PIER NOTES:
 THE PROPOSED TIMBER AND FASTENER MATERIALS FOR THE PROPOSED BOAT LIFT ARE TREATED
 TIMBER AND GALVANIZED STEEL FASTENERS AND WILL BE INSTALLED TO MANUFACTURERS
 SPECIFICATIONS. THE PROPOSED FLOATING DOCK WILL BE CONSTRUCTED WITH TREATED TIMBER
 AND WITH BILLETS MEETING THE REQUIREMENTS OF THE PROPOSED SIZE OF THE PIER. BILLETS TO
 BE INSTALLED TO MANUFACTURERS SPECIFICATIONS. THE FLOATING DOCK WILL BE CONSTRUCTED
 TO AVOID SETTLING ON THE CREEK SUBSTRATE DURING LOW TIDE EVENTS. THE PROPOSED TIMBER
 AND FASTENER MATERIALS FOR THE PROPOSED FIXED PIER ARE TREATED TIMBER AND GALVANIZED
 STEEL FASTENERS. FOR STRINGER SPANS OF 8 FEET OR LESS, 2" X 8" TREATED TIMBER SHOULD BE
 USED AS A MINIMUM, HOWEVER, ONCE THE SPAN EXCEEDS 8 FEET, BUT IS NO MORE THAN 10 FEET,
 2" X 10" TREATED TIMBER WILL BE USED. PILING WILL BE TREATED TIMBER AND HAVE AN 8" TO 10"
 DIAMETER, BASED ON THE SOILS AT THE SITE. PILING SHOULD BE DRIVEN INTO THE EXISTING
 SUBSTRATE AT A MINIMUM OF 12 FEET.

NO LAND DISTURBANCE IS PROPOSED WITH THE PROJECT AND MINIMAL SUBSTRATE WILL BE
 DISTURBED DURING PLANTING OF THE SHRUBS. DURING PROJECT COMPLETION AND WILL BE IN LINE
 WITH CONDITIONS OF THE CHESAPEAKE BAY ACT.



NOTES & DETAILS

6966 BRAY ROAD
 GLOUCESTER, VA

JPA



SCALE	N/A
DESIGNED	KLH
DRAWN	KLH
CHECKED	
DATE	02/09/2025
PROJECT #	001

SHEET:

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