

JOINT PERMIT APPLICATION

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JOINT PERMIT APPLICATION

INSTRUCTIONS

The following instructions and information are designed to assist you in applying for permits from Federal, State, and Local regulatory agencies for work in waters and/or wetlands within the Commonwealth of Virginia. The intent is to provide general information on the permit process, not to act as a complete legal and technical reference.

Answers to technical questions and detailed information about specific aspects of the various permit programs may be obtained from the Federal, State, or Local regulatory offices listed in Part VI of this package.

THE JOINT PERMIT APPLICATION PROCESS

This single Joint Permit Application (JPA) is used by the US Army Corps of Engineers (Corps), the Virginia Department of Environmental Quality (DEQ), the Virginia Marine Resources Commission (VMRC), and the Local Wetlands Boards listed in Part VI for permitting purposes involving water and wetland resources. Please note that some health departments and local agencies, such as local building officials and erosion and sediment control authorities, do not use this application and may have different informational requirements. The applicant is responsible for contacting these agencies for information regarding their permitting requirements.

Development within the 84 Counties, Cities, and Towns of "Tidewater Virginia" (as defined in §10.1-2100 of the Code of Virginia) is subject to the requirements of the Chesapeake Bay Preservation Act. If your project is located in a Bay Act locality and will involve land disturbance or removal of vegetation within a designated Resource Protection Area (RPA), these actions will require approval from your local government. Local Wetlands Boards are not responsible for enforcing Bay Act requirements and local permits for land disturbance are not issued through this Joint Permit Application process. The requirements of the Bay Act may, however, affect the ultimate design and construction of projects. In order to ensure that these requirements are considered early in the permitting process, and to avoid unnecessary and costly delays, applicants should contact their local government as early in the process as possible. Localities may request information regarding existing vegetation within the RPA as well as a description and site drawing of any proposed land disturbance or vegetation clearing. Local Bay Act staff will then evaluate project proposals and advise their local Wetlands Boards of applicable Bay Act issues. To determine if your property is located in a Bay Act locality, learn more about Bay Act requirements, or find local government contacts, please visit the Chesapeake Bay Local Assistance Department's Web site at <http://www.cblad.state.va.us/>, or call the Department at 1-800-243-7229.

The required number of copies of your JPA and all required attachments should be submitted to the VMRC at:

Virginia Marine Resources Commission
Habitat Management Division
2600 Washington Avenue, 3rd Floor
Newport News, Virginia 23607

Unless instructed otherwise in the HOW TO APPLY section below, you should submit one copy of your application and drawings.

VMRC will assign a permit application number to the JPA and distribute copies of the application to the other regulatory agencies that are involved with the JPA process. All agencies will conduct separate but concurrent reviews of your JPA. Please be aware that while one JPA has been submitted, each agency may issue a separate permit. Therefore, make sure you have received all necessary authorizations, or documentation that no permit is required from each agency, prior to beginning the proposed work in waters and/or wetlands.

You may send a courtesy copy of your application, etc. to the agencies participating in the JPA process to initiate informal processing. However, some agencies will not formally begin processing your application until a permit application number and/or a permit application fee has been received.

During the JPA review process, site inspections may be necessary to evaluate a proposed project. Photographs of the project site may be taken during this time. Failure to allow an authorized representative of a regulatory agency to enter the project site, or to take photographs of conditions at the project site, may result in either a permit application withdrawal or a permit denial.

Public participation via the public review process is often part of the permit issuance process:

- For certain Federal and State permits, a public notice is published in a newspaper having circulation in the project area. The public may comment on the project during a designated (usually 30-day) comment period. Comments are evaluated and a decision is made whether to issue a permit, issue a permit with specific conditions, or deny a permit.
- When applicable, the project will be heard by the appropriate Local Wetlands Board after a notice of public hearing has been advertised at least once a week for two consecutive weeks in a local newspaper. You should consult your local wetlands board to determine who bears the cost for this advertisement. VMRC will conduct the hearings for localities that do not have a wetlands board.
- Protested applications for a VMRC permit which cannot be resolved; projects costing over \$50,000 involving encroachment upon or over State-owned subaqueous land; and all projects affecting State and local wetlands in localities without a wetlands board will be scheduled for public hearings by VMRC at their regularly scheduled monthly commission meetings. All interested parties will be officially notified regarding the date and time of the hearing and Commission meeting procedures. The Commission will make a decision on the project at the meeting unless a decision for continuance is made.

If a proposed project is approved, a permit or agency correspondence is sent to the applicant. In some cases a notarized signature as well as processing fees and royalties are required before the permit is validated. If the project is denied, the reason(s) for denial will be provided in writing.

If you have any questions about the need for a permit, the permitting process, or completing the JPA, contact the Corps for a pre-application consultation, or other agency staff for assistance. Agency staff can often help you minimize adverse impacts, possibly to the point of eliminating the need for a permit altogether.

ORGANIZATION OF THE JOINT PERMIT APPLICATION PACKAGE

Part I: The basic application form provides the review agencies with general information about your proposed project. The applicable signatures in this section are required by all applicants and may be required by other parties involved with your proposed project.

Part II: The appendices located in Part II provide detailed information needed by the reviewing agencies. Remember, not all appendices are required for every proposed project. If you need definitions of any of the terms used in this section, a glossary of terms can be found online at <http://www.nao.usace.army.mil/Regulatory/JPAGlossary.htm>. If you do not have access to the Internet, please call one of the participating agencies and they will be able to fax or mail a copy of the glossary to you.

Part III: The adjacent property owner (APO) Acknowledgement Form in Part III is used by VMRC for compliance with regulations applicable to its permitting programs. The form may also be used by local wetlands boards in their review of a project, where applicable.

Part IV: The DEQ Virginia Water Protection Permit (VWPP) Addendum allows supplemental information to be reported for the purposes of reviewing applications for impacts under the VWPP program regulations.

Part V: The DEQ VWPP Submittals and Certification Statement are used by applicants seeking a VWPP general permit only and provide information on additional submittals required by DEQ. Please note that this JPA, along with any required attachments or submittals, constitutes a registration statement for a VWP general permit.

Part VI: This section contains a regulatory agency directory and information regarding the wetland delineation protocol necessary for Corps and DEQ permits.

HOW TO APPLY

All applicants must complete Part I - General Information.

Please review the flowchart at the end of this section to determine what additional information that you need to fill out and submit. All projects involving water withdrawals must fill out Parts II, III, and IV, including the section labeled FOR WATER WITHDRAWAL ONLY.

Applicants applying for coverage under the Corps' State Program General Permit (SPGP-01) Activity 1, Category A (residential or commercial development impacting ½ acre or less of nontidal wetlands and/or waters and no greater than 300 linear feet of streambed) should submit three (3) copies of the completed JPA form and attachments, five (5) copies of blue-line (large size) drawings, and one (1) copy of 8.5 x 11 inch drawings to VMRC. Applicants applying for coverage under the Corps' State Program General Permit (SPGP-01) Activity 1, Category B (residential or commercial development impacting ½ to 1 acre of nontidal wetlands and/or waters and no greater than 2000 linear feet of streambed) should submit five (5) copies of the completed JPA form and attachments, six (6) copies of blue-line (large size) drawings, and one (1) copy of 8.5 x 11 inch drawings to VMRC. The extra copies will be forwarded to the appropriate agencies for coordination purposes with other State and Federal advisory agencies. Providing the correct amount of copies will save time in processing your application.

ADDITIONAL ATTACHMENTS

Applicants filing for coverage under the Corps State Program General Permit (SPGP-01), Activity 1, Category A or B must submit a copy of the documents resulting from the Corps field review to **DEQ** and the primary planning agency at the **county or city/town** level of government. DEQ should receive a copy of the Corps' delineation confirmation of waters boundaries, the waters delineation map, and the wetland data sheets. The primary planning agency at the **county or city/town** level of government should receive a copy of the Corps' delineation confirmation of waters boundaries and the waters delineation map.

If you are submitting the JPA as a Pre-Construction Notification (PCN) under the Corps Nationwide Permit Program (33 CFR 330, Appendix A, Part C), you must clearly identify your intention by checking "**PCN**" at the top of the first page of Part I.

In order for projects requiring Local Wetlands Board authorization to be considered complete, applications **must** include the information below (per Code 28.2-1302). If you have not provided this information elsewhere in your JPA, you will need to attach it to your JPA. *"The permit application shall include the following: the name and address of the applicant; a detailed description of the proposed activities; a map, drawn to an appropriate and uniform scale, showing the area of wetlands directly affected, the location of the proposed work thereon, the area of existing and proposed fill and excavation, the location, width, depth and length of any proposed channel and disposal area, and the location of all existing and proposed structures, sewage collection and treatment facilities, utility installations, roadways, and other related appurtenances of facilities, including those on the adjacent uplands; a description of the type of equipment to be used and the means of access to the activity site; the names and addresses of record of adjacent land and known claimants of water rights in or*

adjacent to the wetland of whom the applicant has notice; an estimate of cost; the primary purpose of the project; and secondary purpose of the proposed project; a complete description of measures to be taken during and after the alteration to reduce detrimental offsite effects; the completion date of the proposed work, project, or structure; and such additional materials and documentation as the wetlands board may require.”

PERMIT APPLICATION FEES

General Note: Fees are subject to change. Please consult agency web sites or contact agencies directly for current fee information.

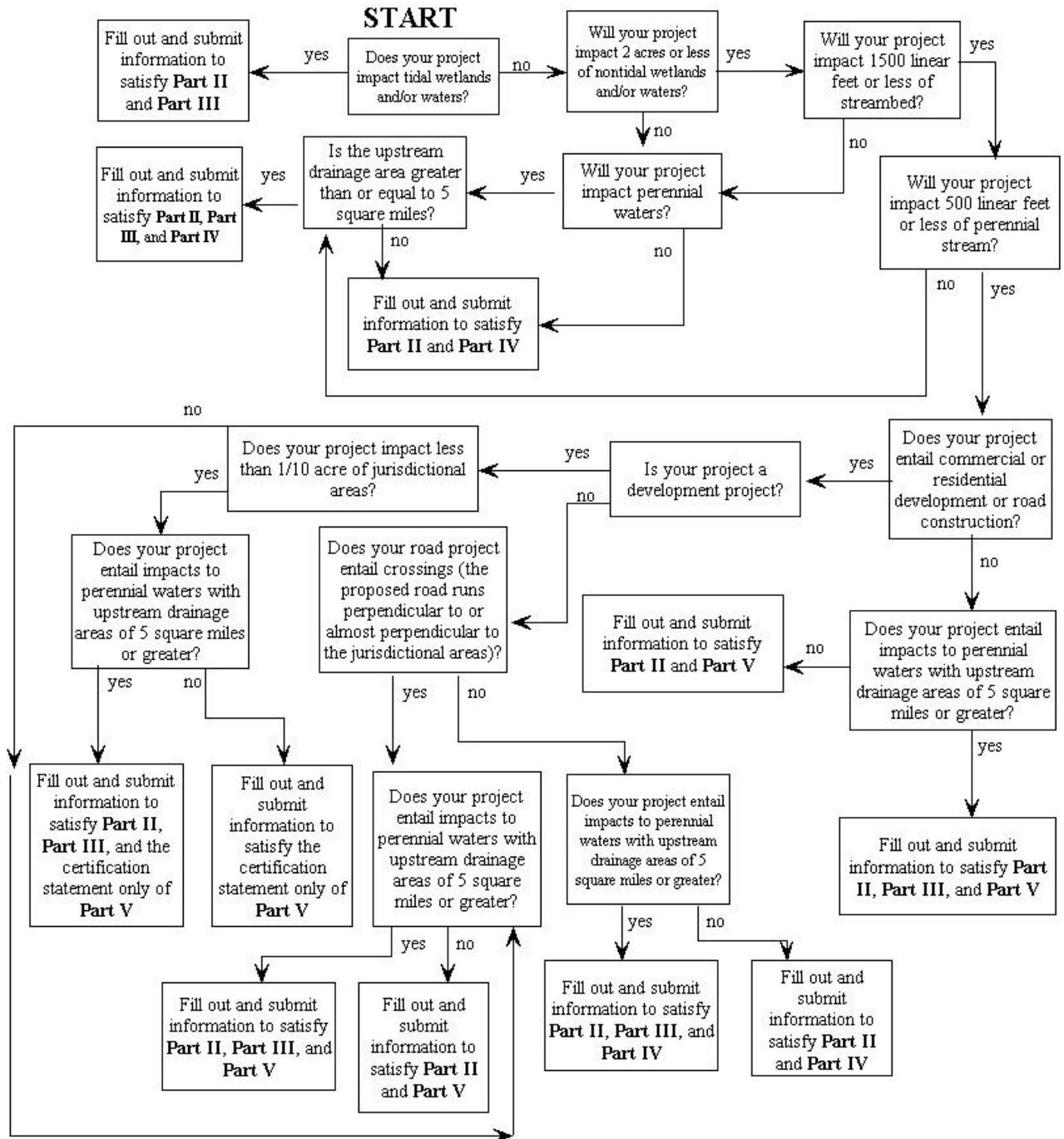
Corps: No permit or permit application fees are required.

DEQ: Permit application fees required by DEQ for VWP permits are provided on DEQ’s web site <http://www.deq.state.va.us> or on the Commonwealth of Virginia’s web site <http://leg1.state.va.us/000/reg/TOC.HTM> under 9 VAC 25-20-et seq. A DEQ project manager will contact you regarding the proper fee and submittal requirements after receiving your application package. After being contacted by DEQ, mail the permit application fee to the DEQ Receipts Control Department along with the Permit Application Fee Form. Please do not send DEQ permit application fees with the JPA. Please note that when completing DEQ’s Permit Application Fee Form, make sure the applicant name and facility (project) name are the same as those you reported in your JPA.

VMRC: Permit fees are \$25.00 for projects costing \$10,000.00 or less and \$100.00 for projects costing more than \$10,000.00. The proper fee is paid at the time of permit issuance by VMRC. VMRC staff will send the permittee a letter notifying him/her of the proper fee and submittal requirements. Please do not send VMRC permit fees with the JPA.

Local Wetlands Boards: Permit fees required vary. Contact the board in your location or reference locality web sites for fee information and submittal requirements. A web link for board phone numbers is provided in Part VI of the JPA. Please do not send VMRC permit fees with the JPA.

The following flowchart may be used to determine what other parts of the JPA that you need to fill out to obtain permits for your project. The information that you submit in this application satisfies the minimum legal requirements of the regulatory agencies. Additional information may be requested by these agencies in order to make permit decisions.



JOINT PERMIT APPLICATION

PART I - 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 block or space provided. If additional space is needed, attach extra 8-1/2" x 11" sheets of paper.

If using JPA as Pre-Construction Notification, please indicate so here: ___ PCN

1. Applicant's name and complete mailing address: Contact Information:
Home (____) _____
Work (____) _____
Fax (____) _____
Mobile/Pager (____) _____
E-mail _____

2. Property Owner's name and complete mailing address: Contact Information:
Home (____) _____
Work (____) _____
Fax (____) _____
Mobile/Pager (____) _____
E-mail _____

3. Authorized agent's name and complete mailing address (if applicable): Contact Information:
Home (____) _____
Work (____) _____
Fax (____) _____
Mobile/Pager (____) _____
E-mail _____

FOR AGENCY USE ONLY	
	NOTES:
	JPA #:

4. 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 Acknowledgement Form on page ___ with your application.

Contractor's name and complete mailing address:

Contact Information:

Home (____)_____

Work (____)_____

Fax (____)_____

Mobile/Pager(____)_____

E-mail _____

5. 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:

(____)_____

6a. Give the following project location information:

Street Address _____

Lot/Block/Parcel # _____

Subdivision _____

City/County _____

b. If project is located in a rural area, please give driving directions

c. List the waterbody(ies) within the project boundaries: _____

Tributary(ies) of _____

NOTE: IF THE PROJECT IS IN AN UNDEVELOPED SUBDIVISION OR PROPERTY, CLEARLY STAKE AND IDENTIFY PROPERTY LINES AND LOCATION OF PROPOSED PROJECT. A SUPPLEMENTAL MAP SHOWING HOW THE PROPERTY IS TO BE SUBDIVIDED SHOULD ALSO BE PROVIDED.

7. Provide a detailed description of the project and primary and secondary purposes. For example, a description may be "construction of a timber bulk head, 125 linear feet, 6 feet high, etc." and the purpose may be "to protect a property from erosion due to boat wakes".

8. Proposed use (check one):
 single user (private, non-commercial, residential)
 multi-user (community, commercial, industrial, government)

9. Attach a description of the measures taken during project design and development both to avoid and minimize impacts to surface waters, including wetlands, to the maximum extent practicable.

10. Have you previously had a site visit, applied to, or obtained a permit from any agency (Federal, State, or Local) for any portion of the project described in this application or any other project at the site?

Yes No If your answer is "Yes", provide the following information:

<u>Agency/Representative</u>	<u>Activity</u>	<u>Application No.</u>	<u>Action* & Date</u>
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* Issued, Denied, Withdrawn, or Site Visit

11a. Has any work commenced or has any portion of the project for which you are seeking a permit been completed? Yes No

b. Are you submitting this application at the direction of any state, local or federal agency?
 Yes No

If your answer to either question above is "YES", give details below stating when the work was completed, who performed the work, and which agency (if any) directed you to submit the application. Please clearly differentiate between completed work and proposed work on your application drawings.

12. Approximate cost of the entire project (materials, labor, etc): \$ _____
 Approximate cost of only that portion of the project which affects State Waters (below mean low water in tidal areas or ordinary high water in nontidal areas): \$ _____

13a. Will the project be located at the site of any historic property? (Note: historic properties include but are not limited to archeological sites, Civil War earthworks, graveyards, buildings, bridges, canals, etc.) Yes No. If "Yes", please provide a map showing the location.

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

c. Have you previously contacted the Virginia Department of Historic Resources concerning this project? __ Yes __ No. If "Yes", please provide copies of all correspondence concerning your project.

d. Has a survey to locate archeological sites and/or historic structures been carried out on the property? __ Yes __ No. 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? _____

Was any historic property located? _____

14. List the name and complete mailing address, including zip code, of each adjacent property owner (APO) to the project (other than yourself).

SIGNATURES

I. APPLICANTS AND PROPERTY OWNERS (REQUIRED)

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 issue a permit if the information requested is not provided.

I hereby apply for all necessary permits 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. I certify that the information submitted in this application is true and accurate to the best of my knowledge.

APPLICANT'S NAME (PRINTED/TYPED)

(use if more than one applicant)

APPLICANT'S SIGNATURE

(use if more than one applicant)

DATE

PROPERTY OWNER'S NAME (if different from above)
(PRINTED/TYPED)

(use if more than one owner)

PROPERTY OWNER'S SIGNATURE

(use if more than one owner)

DATE

II. APPLICANTS HAVING AGENTS (IF APPLICABLE)

CERTIFICATION OF AUTHORIZATION

I, _____, hereby certify that I have authorized _____
(APPLICANT'S NAME) (AGENT'S NAME)
to act on my behalf and take all actions necessary to the processing, issuance, and acceptance of this permit and any and all standard and special conditions attached.

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

AGENT'S SIGNATURE

DATE

APPLICANT'S SIGNATURE

(use if more than one applicant)

DATE

III. APPLICANTS HAVING CONTRACTORS (IF APPLICABLE)

CONTRACTOR ACKNOWLEDGEMENT

I, _____, have contracted _____
(APPLICANT'S NAME) (CONTRACTOR/COMPANY NAME)
to perform the work described in this Joint Permit Application, signed and dated _____.

We will read and abide by all conditions as 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 site 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
(PRINTED/TYPED)

CONTRACTOR'S OR FIRM'S ADDRESS

CONTRACTOR'S LICENSE NO.

CONTRACTOR'S SIGNATURE AND TITLE

DATE

APPLICANT'S SIGNATURE

(use if more than one applicant)

DATE

JOINT PERMIT APPLICATION

PART II - APPENDICES

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

Provide a vicinity map showing the exact location of the project site. A USGS topographic map, street map, county map, or property survey plat may be used for this purpose. If a survey plat of the project site is available, please provide a copy with your application, regardless of which format you use for the vicinity map.

Plan View and Cross-Sectional and/or End View drawings are required for each appendix used. One drawing of each view may be submitted as long as all the required information is included and is legible. Submitted drawings do not need to be prepared by a professional draftsman. However, if drawings are not to scale, all dimensions must be clearly marked on the drawings. A sample drawing is included behind each appendix sheet. Please note that the sample drawings are condensed to save space in the JPA, showing the plan view, cross-section, end view, and vicinity map on one page.

Below are the general informational requirements for all drawings. Each appendix may have additional, specific drawing requirements. These specific requirements are listed on each appendix sheet.

Per Code 28.2-1302, applications for projects requiring Local Wetlands Board authorization must include specific information, as outlined in the Additional Attachments section of the JPA Instructions. When Local Wetlands Board authorization is required, the required information may be incorporated into your Appendices drawings. Per Code 28.2-1302: "...a map, drawn to an appropriate and uniform scale, showing the area of wetlands directly affected, the location of the proposed work thereon, the area of existing and proposed fill and excavation, the location, width, depth and length of any proposed channel and disposal area, and the location of all existing and proposed structures, sewage collection and treatment facilities, utility installations, roadways, and other related appurtenances of facilities, including those on the adjacent uplands...".

General Informational Requirements for ALL Drawings

The following items need to be included on all drawings submitted with your application:

- north arrow
- waterway name
- existing and proposed structures, labeled as such
- dimensions of proposed structure(s)
- mean low water and mean high water lines for tidal areas
- ordinary high water line for nontidal areas
- limits of vegetated wetlands, if applicable

- ebb/flow direction (tidal areas) or flow direction (nontidal areas), if applicable
- adjacent properties, labeled with owner's name (when stream involved with project, show properties on both sides of stream)
- measurements from structures to fixed points of reference, including adjacent property lines

APPENDIX SHEETS

<u>APPENDIX</u>	<u>PAGE</u>	<u>TITLE</u>
A	16	Private Piers, Marginal Wharves, & Uncovered Boat Lifts
B	19	Boathouses, Gazebos, Covered Boat Lifts, & Other Roofed Structures
C	21	Marinas, Commercial & Community Piers
D	23	Free-Standing Mooring Piles, Osprey Nesting Poles, Mooring Buoys, & Dolphins
E	25	Boat Ramps
F	27	Bulkheads & Associated Backfill
G	29	Fill
H	31	Riprap Revetment & Associated Backfill
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P	48	Impoundments, Dams, & Stormwater Management Facilities
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R	52	Road Crossings
S	54	Private & Commercial Aquaculture Activities

APPENDIX A - PRIVATE PIERS, MARGINAL WHARVES, & UNCOVERED BOAT LIFTS

Questions:

1. Number of vessels to be moored at the pier/wharf: _____
2. Provide the type (i.e. sail, power, skiff, etc.), size, and registration number of vessel(s):
_____ type _____ length _____ width _____ draft registration # _____
_____ type _____ length _____ width _____ draft registration # _____
_____ type _____ length _____ width _____ draft registration # _____

Specific Information for Plan View Drawing:

- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and distance from edge of existing channels (marked and/or unmarked)
- soundings taken at mean low water (tidal areas) or at full pool level (nontidal areas) at 10-foot intervals
- channelward encroachment (including mooring piles) relative to mean high and mean low water lines
- dimensions of all piers, L-head or T-head sections, platforms, or decks
- distance between the structure and mooring piles

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- minimum elevation (or distance) between pier decking and wetlands substrate, if applicable

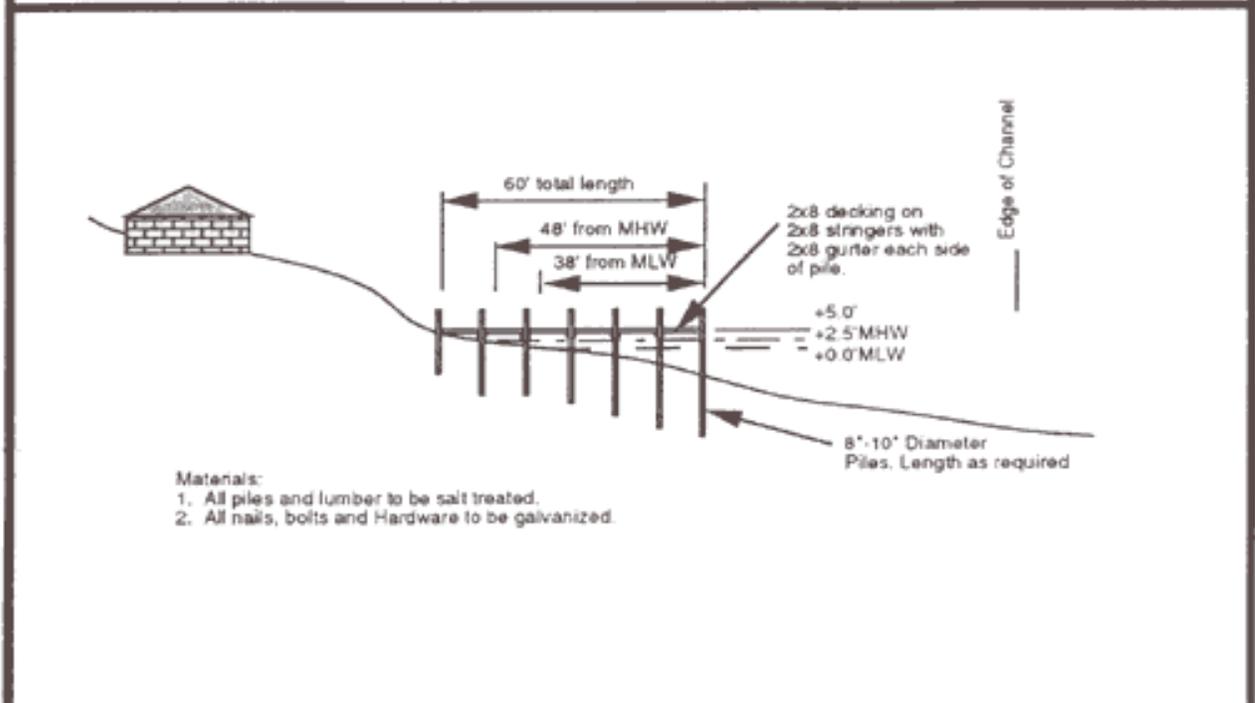
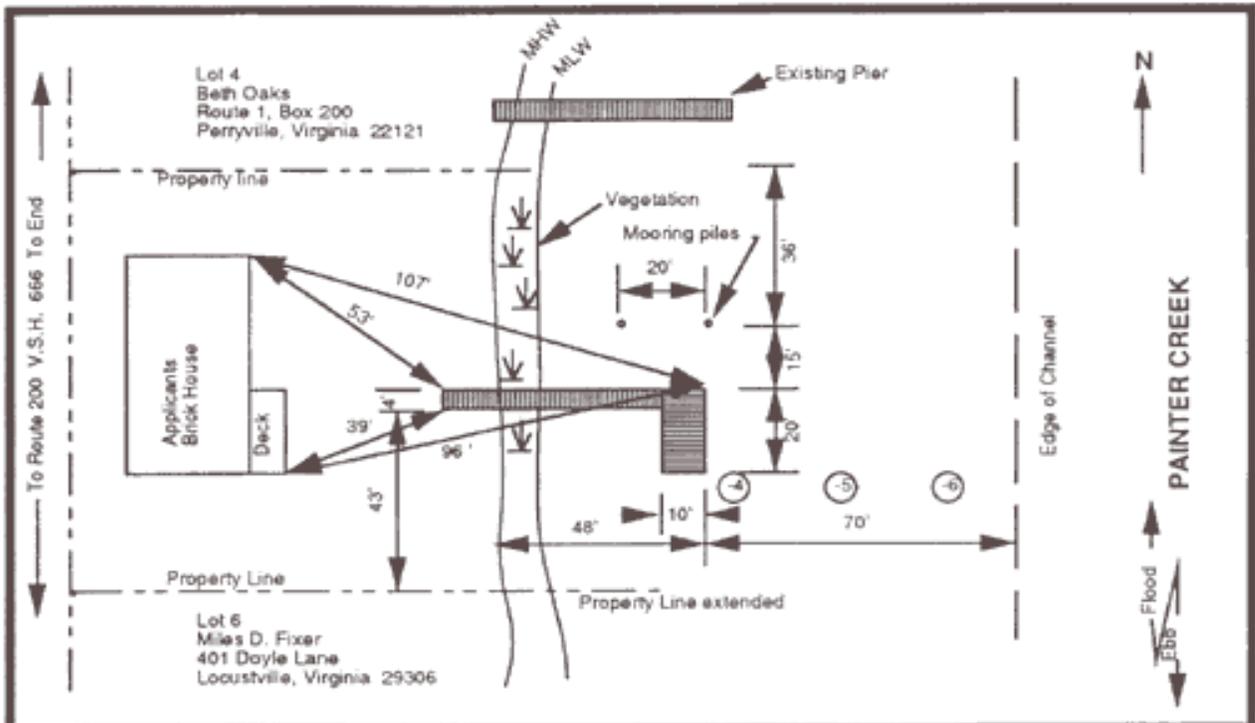
IF YOU PLAN TO CONSTRUCT A PRIVATE PIER, YOU *MAY* QUALIFY TO WORK IN A NON-REPORTING CAPACITY FOR THE NORFOLK DISTRICT CORPS OF ENGINEERS' REGIONAL PERMIT 17 (RP-17).

RP-17 can generally be used for private pier projects where the proposed pier does not extend more than $\frac{1}{4}$ the waterway width. In addition, the RP-17 has special conditions that must be met when piers extend over vegetated wetlands.

RP-17 may not always be used in a non-reporting capacity in areas where the Corps of Engineers has Real Estate easements and/or on waterways where federally-maintained channels are present. RP-17 may not be used in a non-reporting capacity in areas where there are known concentrations of federally-listed threatened or endangered species.

DO NOT SIGN THE FOLLOWING FORM UNTIL YOU HAVE READ AND COMPLETELY UNDERSTAND ALL OF THE TERMS AND CONDITIONS OF RP-17 (a copy of the permit may be found at <http://www.nao.usace.army.mil/Regulatory/98-RP-17.pdf>, or you may call (757) 441-7652 to have a copy of the permit mailed to you). FAILURE TO COMPLY WITH ALL OF THE CONDITIONS OF THE PERMIT MAY RESULT IN ENFORCEMENT ACTION BY THE CORPS, WHICH COULD POTENTIALLY INVOLVE CIVIL AND/OR CRIMINAL PENALTIES AND/OR REMOVAL OR MODIFICATION OF THE STRUCTURE.

APPENDIX A, Private Piers & Marginal Wharves



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> 1. Beth Oaks 2. Miles D. Fixer 	<p>Plan & Cross Sectional View</p> <p>Evans Pier Project</p> <p>Scale 1" = 40'</p>	<p>Proposed private pier project in Painter Creek at Martin Bay</p> <p>County of West</p> <p>Applicant J. J. Evans</p> <p>Sheet 1 of 1 Date 1/29/92</p>
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Norfolk District

**US Army
Corps of Engineers**

**CERTIFICATE OF COMPLIANCE WITH CORPS OF
ENGINEERS, NORFOLK DISTRICT
REGIONAL PERMIT RP-17 FOR PRIVATE PIERS**

I, _____, hereby certify that I have read and understand all conditions of the effective Regional Permit RP-17, issued by the Army Corps of Engineers, Norfolk District, Norfolk, Virginia, regulating the construction, maintenance, and repair of **private, non-commercial piers & associated mooring piles** in certain navigable waters of the United States within the Commonwealth of Virginia.

The proposed (work) to be located at:

_____ fully complies with all conditions set forth in RP-17.

I agree to make available a copy of this certification and any other documents required by RP-17 to any regulatory representative authorized to visit the project site to ensure permit compliance. If I fail to provide the required documentation upon request, I understand that the representative will have the option of stopping work at the project site until it has been determined that I am in full compliance with all terms and conditions set forth in the regional permit.

Signature of Property Owner or Agent

Date

NOTE: DO NOT SIGN THIS FORM IF YOU ARE CONSTRUCTING A BULKHEAD, RIPRAP REVETMENT, OR PERFORMING ANY OTHER ACTIVITY NOT COVERED BY RP-17. DO NOT SIGN THIS FORM IF YOU HAVE NOT READ THE TERMS AND CONDITIONS OF RP-17.

RP-17 IS NOT APPLICABLE FOR USE IN ALL WATERWAYS.
YOU MAY CONTACT THE CORPS AT (757) 441-7652 FOR A COPY OF THE PERMIT TO SEE IF YOUR PROJECT QUALIFIES FOR RP-17.

APPENDIX B - BOATHOUSES, GAZEBOS, COVERED BOAT LIFTS, & OTHER ROOFED STRUCTURES

Questions:

1. Provide the type (i.e. sail, power, skiff, etc.), size, and registration number of vessel(s) to be moored at the boathouse:

_____	type _____	length _____	width _____	draft _____	registration # _____
_____	type _____	length _____	width _____	draft _____	registration # _____
_____	type _____	length _____	width _____	draft _____	registration # _____

2. Provide the type (i.e. sail, power, skiff, etc.), size, and registration number of vessel(s) to be moored at the pier:

_____	type _____	length _____	width _____	draft _____	registration # _____
_____	type _____	length _____	width _____	draft _____	registration # _____
_____	type _____	length _____	width _____	draft _____	registration # _____

3. Will the sides of the structure be enclosed? Yes No

Specific Information for Plan View Drawing:

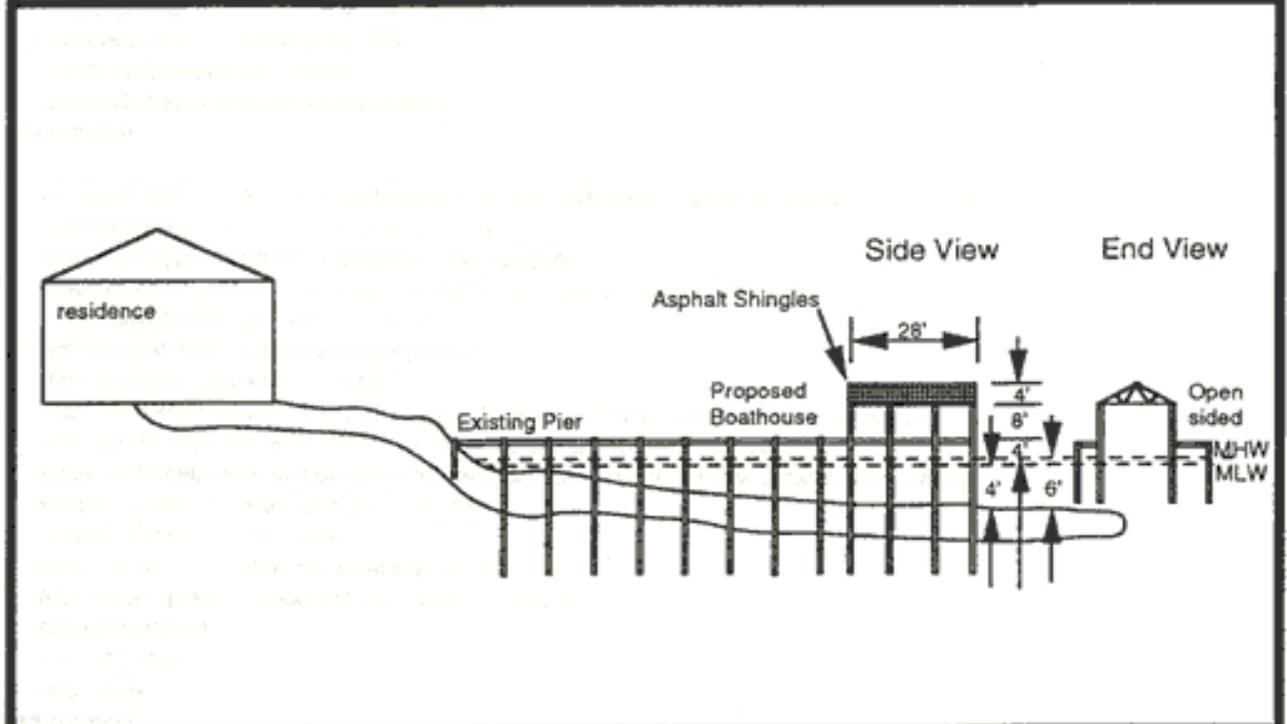
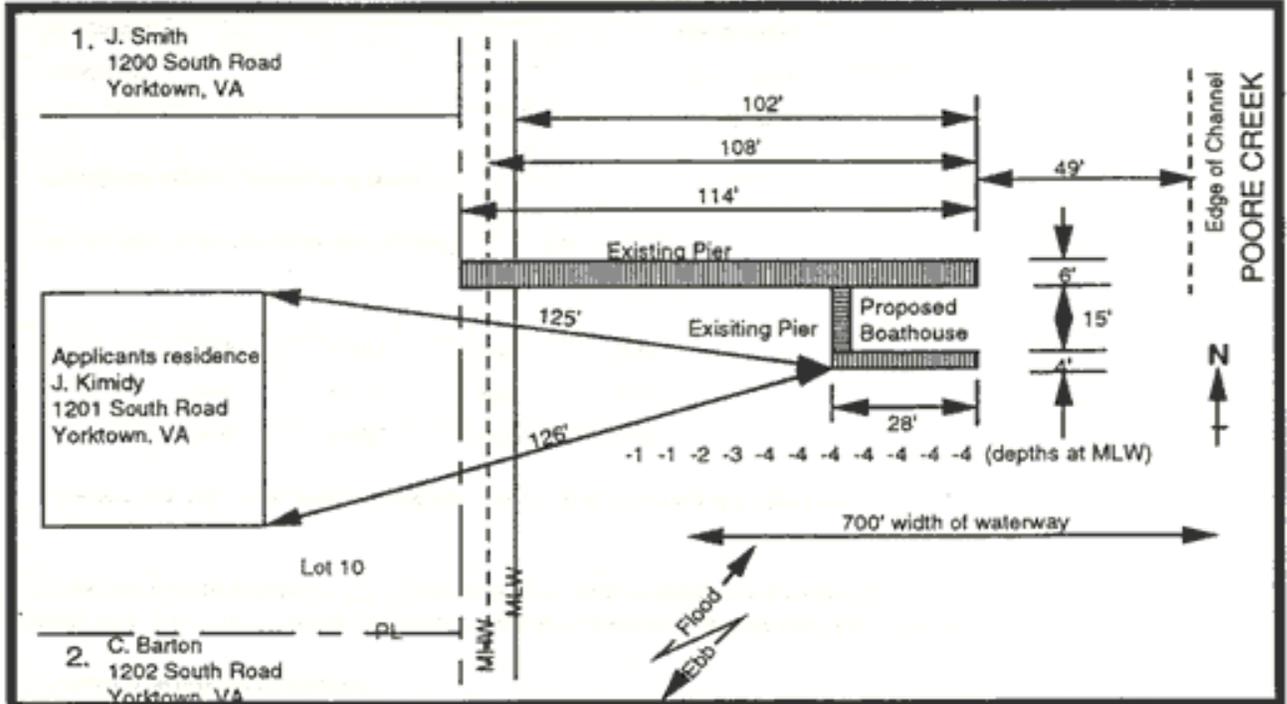
- limits of vegetated wetlands, if applicable
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and distance from existing channels (marked and/or unmarked)
- soundings taken at mean low water (tidal areas) or at full pool level (nontidal areas) at 10-foot intervals
- channelward encroachment (including mooring piles) relative to mean high and mean low water lines
- dimensions of structure roof, and catwalks if applicable
- distance between the structure and mooring piles

Specific Information for Cross-Sectional and End View Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- height of structure over mean high and mean low water levels, and over wetlands if applicable
- material to be used for construction

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX B, Boathouses



<p>Adjacent Property Owners:</p> <p>1. J. G. Smith</p> <p>2. C. E. Barton</p>	<p>Plan & Cross Sectional View</p> <p>J. Kimidy Boathouse</p> <p>Scale 1" = 40'</p>	<p>Proposed Boathouse in Poore Creek at Isleiville</p> <p>County of West</p> <p>Applicant J. Kimidy</p> <p>Sheet 1 of 1 Date 1/29/92</p>
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APPENDIX C - MARINAS, COMMERCIAL & COMMUNITY PIERS

Questions:

1. Have you obtained the State Health Department's approval for sanitary facilities?
 Yes No **(You are required to obtain this approval or a variance before a VMRC permit can be issued.)**

2. Will petroleum products or other hazardous materials be stored or handled at the facility?
 Yes No If your answer is yes, please attach your spill contingency plan.

3. Will the facility be equipped to off-load sewage from boats? Yes No

4. Indicate the number and type of slips:

	Wet Slips	Dry Storage
Existing		
Proposed Additional		

Specific Information for Plan View Drawing:

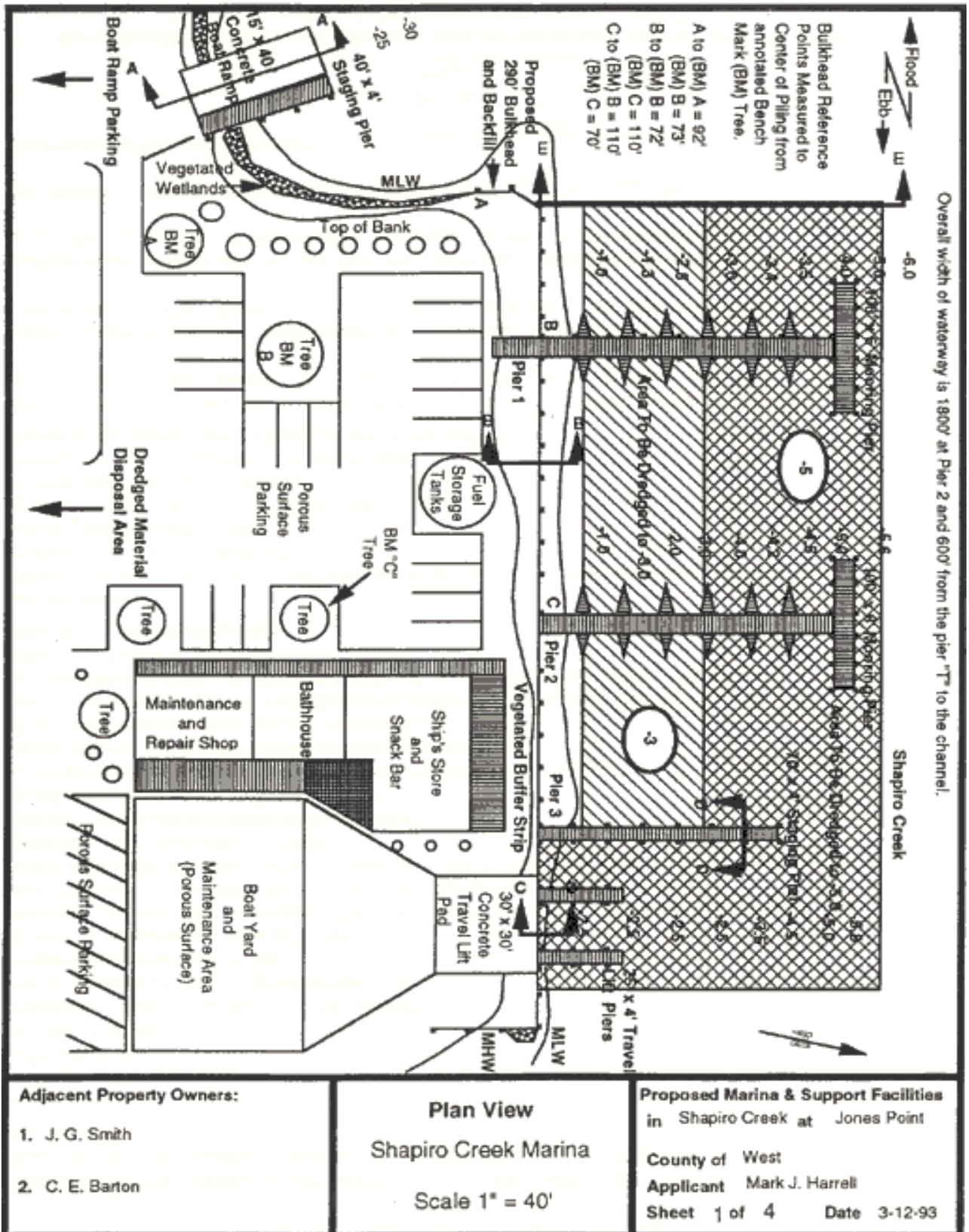
- limits of vegetated wetlands, if applicable
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and distance from existing channels (marked and/or unmarked)
- soundings taken at mean low water (tidal areas) or at full pool level (nontidal areas) at 10-foot intervals
- channelward encroachment (including mooring piles) relative to mean high and mean low water lines
- distance between structure(s) and mooring piles
- proposed structures for collection and handling of hazardous material (include settling tanks for collection of travel lift washdown water, paint chips, etc.)
- size and location of gasoline storage tanks

Specific Information for Cross-Sectional and End View Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- height of roof over mean high and mean low water levels, and over wetlands if applicable
- material to be used for construction

Note: *Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.*

APPENDIX C, Marinas



**APPENDIX D - FREE STANDING MOORING PILES, OSPREY NESTING POLES,
MOORING BUOYS, & DOLPHINS
(not associated with piers)**

Questions:

1. Give the number of vessels to be moored: _____

2. Give type (i.e. sail, power, skiff, etc.) and size of vessel(s) to be moored:

_____type _____length _____width _____draft _____registration #
_____type _____length _____width _____draft _____registration #

3. Name(s) and complete mailing address(es) of the owner(s) of the vessel(s) if other than applicant:: _____

4. Do you plan to reach the mooring from your own upland property? Yes No
If "No", explain the proposed means of access:

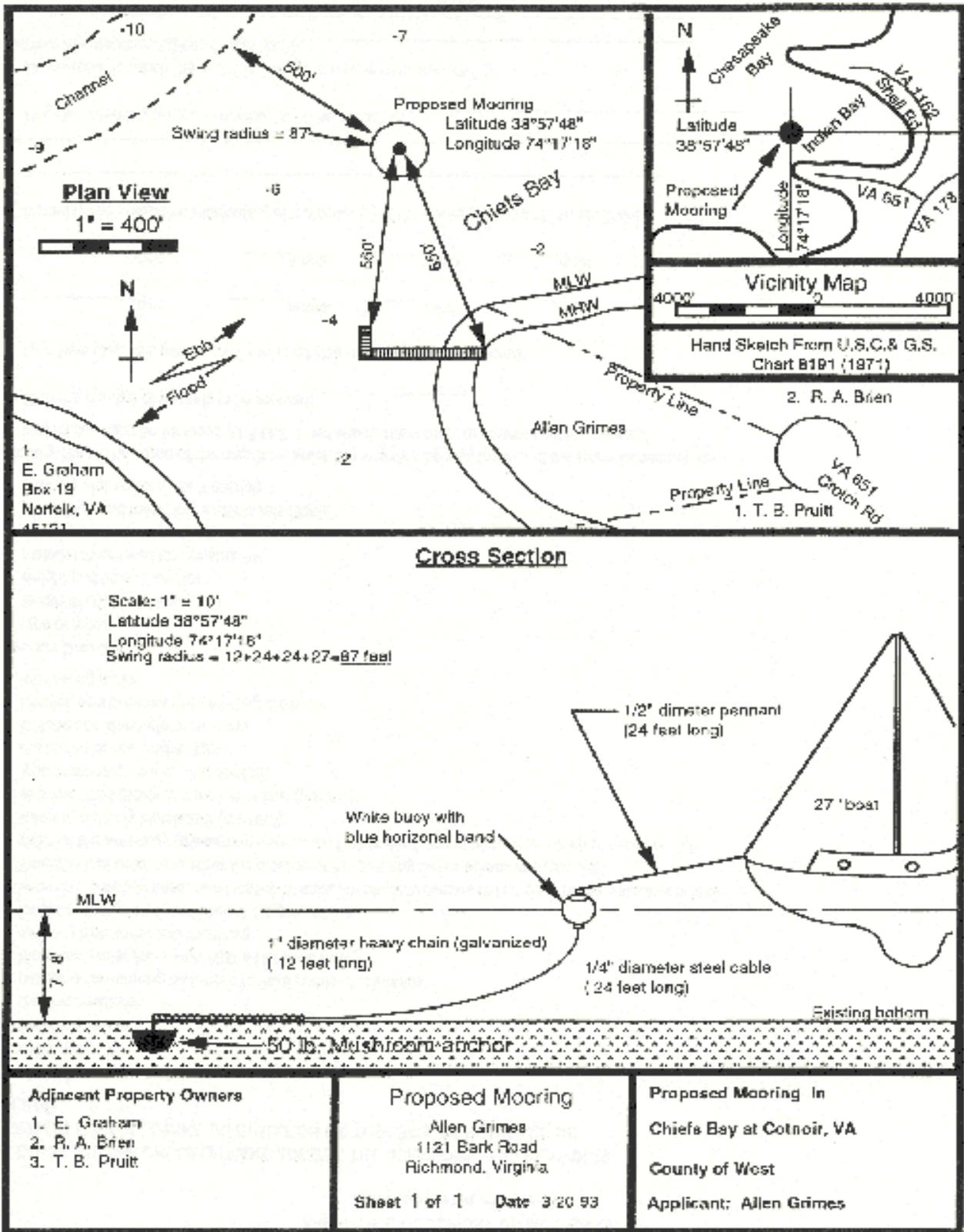
Specific Information for Plan View Drawing:

- limits of vegetated wetlands, if applicable
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and distance from existing channels (marked and/or unmarked)
- soundings taken at mean low water (tidal areas) or at full pool level (nontidal areas) at 10-foot intervals
- type of mooring (buoy, pile, dolphin)
- anchoring device and weight
- total swing radius
- latitude and longitude of structure in degrees, minutes, and seconds

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- type of mooring
- length of chain and line used
- weight and type of anchor, if applicable
- material to be used for construction

APPENDIX D, Dolphins or Moorings



APPENDIX E - BOAT RAMPS

Questions:

1. Will any excavation be required to construct the boat ramp? Yes No
 If yes, explain how and where you plan on disposing of the excavated material: _____

2. What type of design and materials will be used (e.g. open pile design with salt treated lumber or concrete slab on gravel bedding, etc.)?

3. Please give the location of and driving distance to the nearest public boat ramp:

4. Will any dredging other structures be installed concurrent with the boat ramp installation (i.e. tending pier, groin, etc.)? Yes No If "Yes", please include the appropriate appendices.

5. Will any portion of the project be placed on wetlands? Yes No. If your answer is yes, complete the table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

Specific Information for Plan View Drawing:

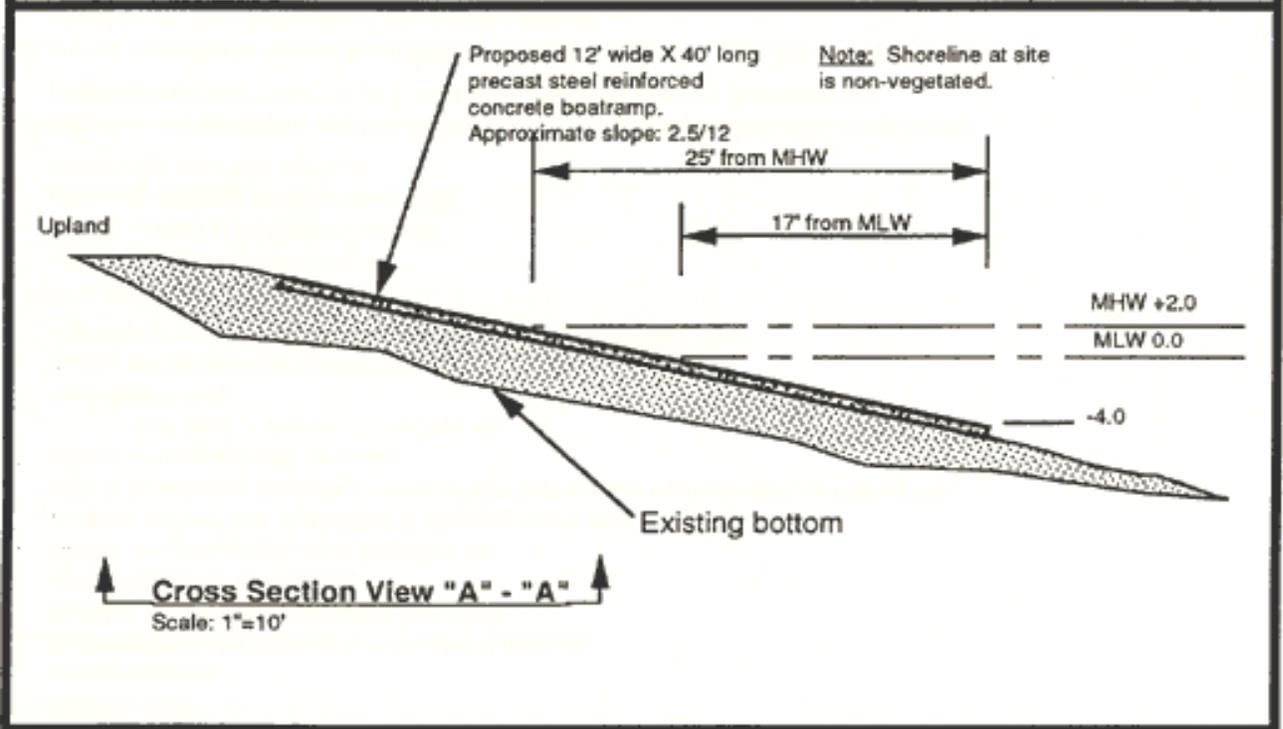
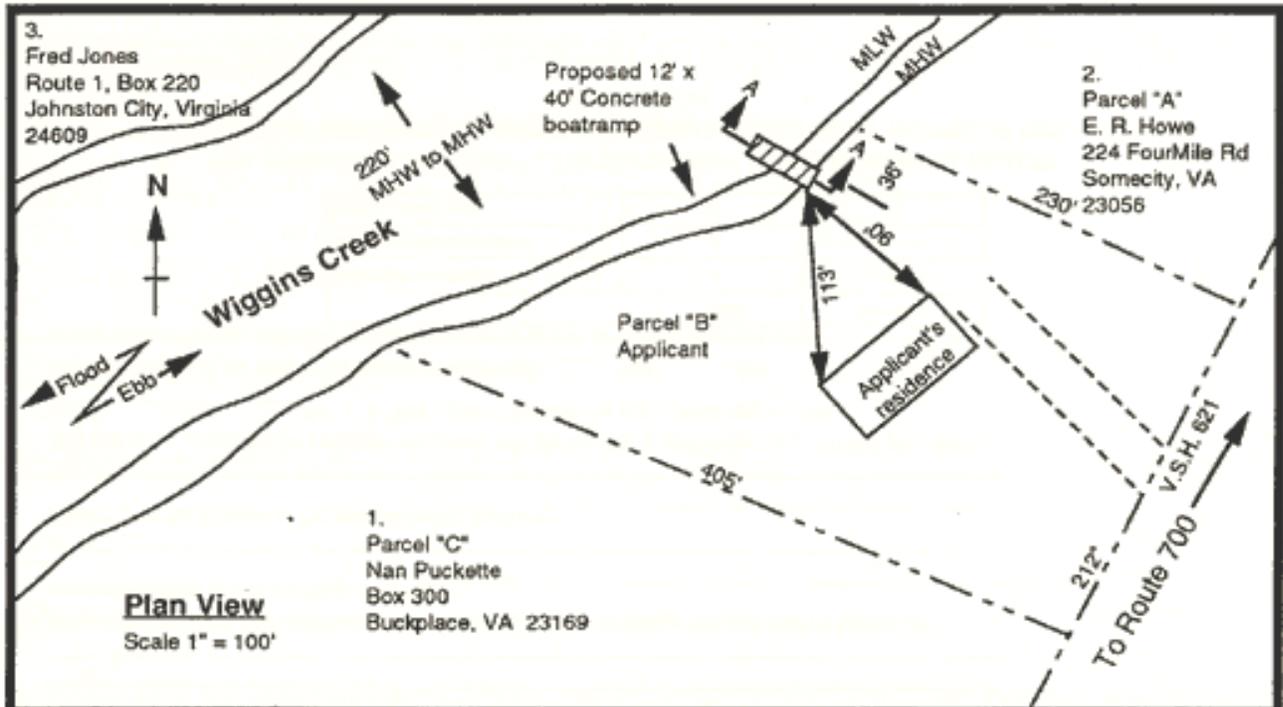
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and distance from existing channels (marked and/or unmarked)
- soundings taken at mean low water (tidal areas) or at full pool level (nontidal areas) at 10-foot intervals
- channelward encroachment (including mooring piles) relative to mean high and mean low water lines

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW), and of bank
- water depth below MLW at channelward end of ramp
- material to be used for construction

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX E, Boat Ramps



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> Nan Puckette Elizabeth R. Howe Fred Jones 	<p>Plan & Cross Sectional View</p> <p>Hill Boatramp Project</p>	<p>Proposed boatramp project in Wiggins Creek at Lewisville Bay</p> <p>County of West</p> <p>Applicant Carlton L. Hill</p> <p>Sheet 1 of 1 Date 3-19-93</p>
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APPENDIX F - BULKHEADS & ASSOCIATED BACKFILL

Questions:

1. Is any portion of the project maintenance or replacement of an existing and currently serviceable bulkhead and/or backfill? Yes No Existing linear feet: _____

If yes, is it possible to construct the new bulkhead no greater than 2 feet channelward of the existing bulkhead?

Yes No If your answer is "No", explain: _____

2. What is the total length of the proposed bulkhead, including returns? _____

3. Bulkhead will extend an average of _____ feet channelward from MLW and _____ feet channelward from MHW. The maximum channelward encroachment from MLW is _____ feet, and _____ feet from MHW.

4. Describe type of construction and materials to be used, including source of backfill material and its composition (i.e. 80% sand, 15% clay and 5% silt), and all fittings for the bulkhead:

5. Will any portion of the project be placed on wetlands or subaqueous land? Yes No

If your answer is yes, complete the table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

Specific Information for Plan View Drawing:

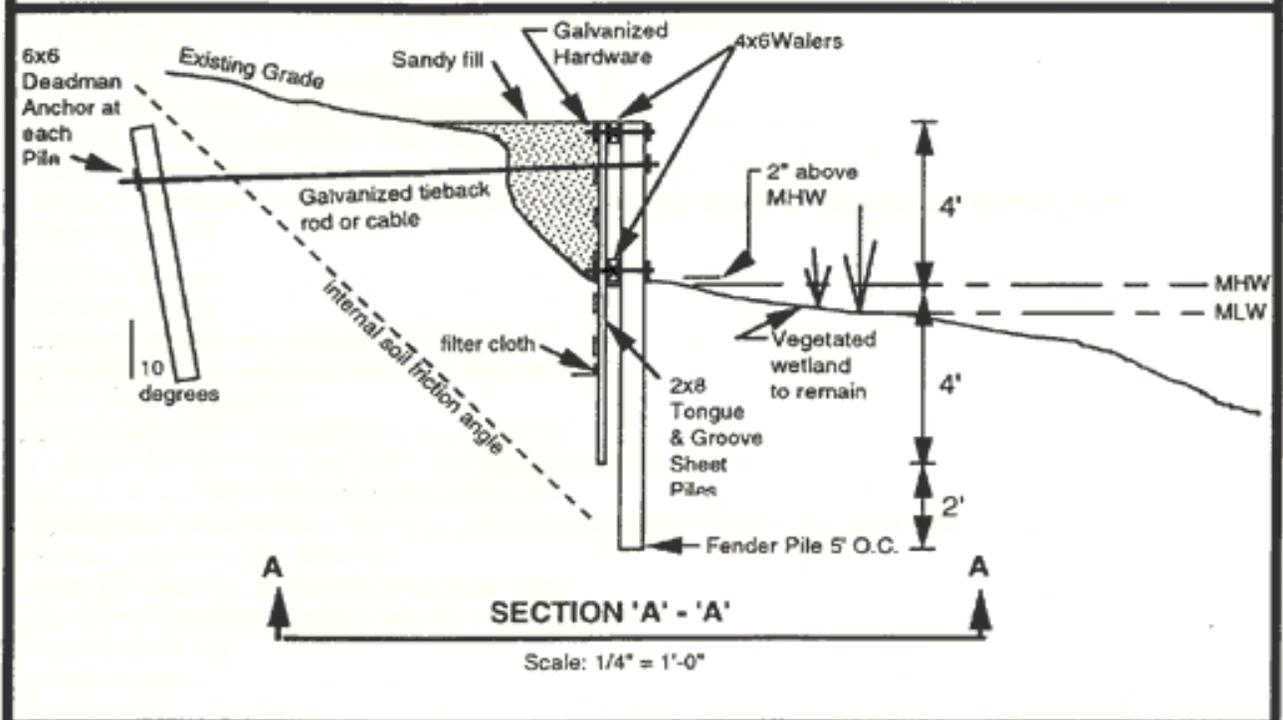
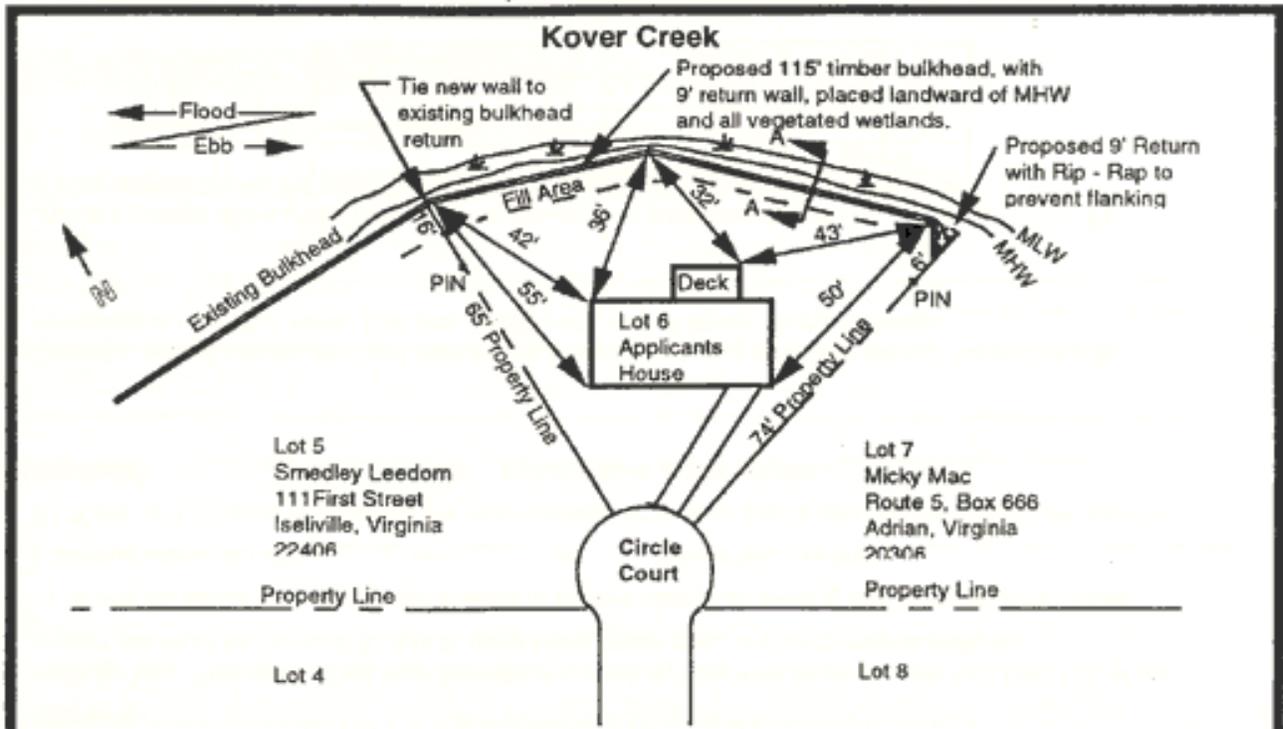
- channelward encroachment relative to mean high/mean low/ordinary high water lines
- return walls, if applicable
- connection with existing bulkhead(s), if applicable
- proposed riprap scour protection, if applicable
- proposed backfill
- length of bulkhead, including return walls
- two measurements from fixed points of reference to each end and turning point along structure(s)
- labeled fixed, end, and turning points

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- design & dimensions of structural components (i.e. deadmen, knee braces, sheeting, etc.)
- material to be used for construction, including CCA treatment, if applicable
- proposed backfill
- base width and height of proposed riprap scour protection, if applicable
- filter cloth, weep holes
- depth of penetration of piles/sheeting below substrate

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX F, Bulkheads & Associated Backfill



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> Smedley Leedom Mickey Mac 	<p>Plan & Cross Sectional View</p> <p>Williams Bulkhead</p> <p>Scale 1" = 40'</p>	<p>Proposed bulkhead project in Kover Creek at Ibis Bay</p> <p>County of West Applicant Bruce Williams Sheet 1 of 1 Date 2/24/93</p>
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APPENDIX G - FILL
(not associated with backfilled shoreline structures)

Questions:

1. What is the source (i.e. quarry, borrow pit, etc.) and quantity of the fill material, and area of the fill site? Source: _____ Amount: _____ (cubic yards) Area: _____ (sq feet)

2. State the type and composition percentage of the fill material (e.g. 80% sand, 15% clay, 5% silt): _____

3. Explain the purpose of the filling activity & the type of structure to be built on the filled area, if any: _____

4. Will any of the fill be placed on wetlands or subaqueous land? Yes No. If your answer is yes, complete table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

5. If filling activity is proposed in wetlands, name the nearest waterbody and give the distance from the activity: _____

6. What is the approximate drainage area and average stream flow? DA: _____ square miles Flow: _____ cubic feet per second

Specific Information for Plan View Drawing:

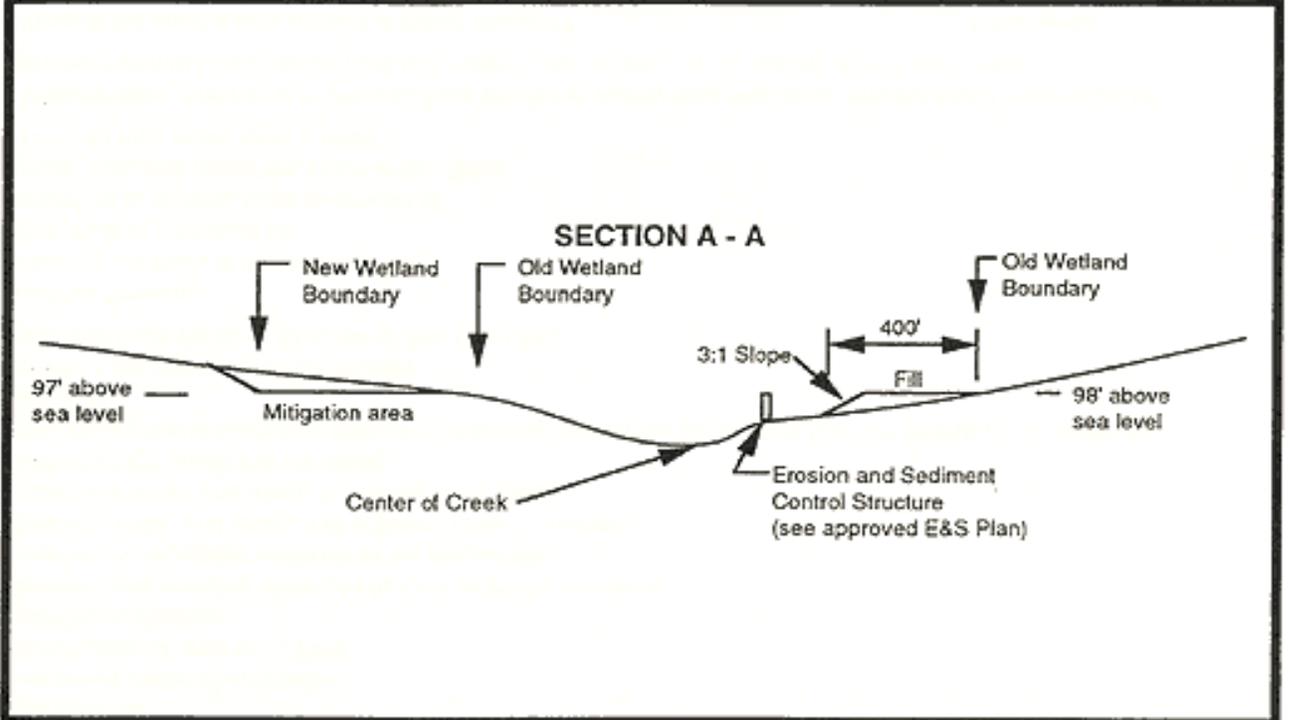
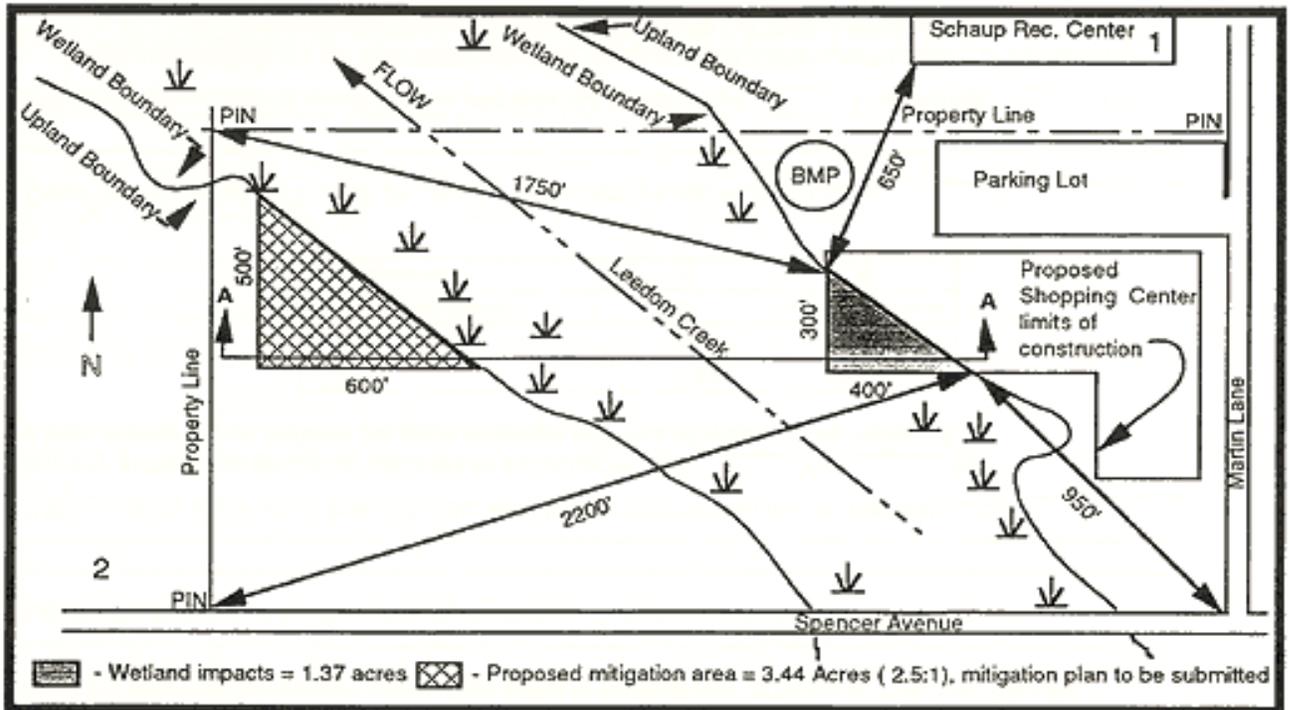
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- channelward encroachment relative to mean high/mean low water lines (tidal) or ordinary high water line (nontidal)
- fill area (labeled)

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- elevation of proposed fill
- structure or method used to contain fill

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX G, Filling Waters / Wetlands



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> 1. M. Schaup 2. C. Jones 	<p>Plan & Cross Sectional View Knepper Filling Project Scale 1" = 500'</p>	<p>Proposed dredging project in Leedom Creek at Perkins Bay</p> <p>County of Woodward Applicant D.A. Knepper Sheet 1 of 1 Date 1/29/92</p>
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APPENDIX H - RIPRAP REVETMENT & ASSOCIATED BACKFILL

Questions:

1. What will be the average amount of material per linear foot of shoreline that is placed below the plane of mean high water or ordinary high water? _____ cubic yards per foot
2. What is the total length of the revetment, including returns? _____
3. The riprap toe will extend an average of _____ feet channelward from MLW and _____ feet channelward from MHW. The maximum channelward encroachment from MLW is _____ feet, and _____ feet from MHW.
4. What type of material will be used for construction of the riprap revetment (e.g. quarry stone, broken concrete, etc.)? _____
5. What will be the average weight of the:
 Core material (bottom layers) _____ pounds per stone Class _____
 Armor material (top layer) _____ pounds per stone Class _____
6. If the revetment will be backfilled, give the source and composition (e.g. 80% sand, 15% clay and 5% silt) of the material to be used. Source: _____
 Composition: _____
7. Will any portion of the project be placed on wetlands or subaqueous land? ___ Yes ___ No.
 If your answer is yes, complete the table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

Specific Information for Plan View Drawing:

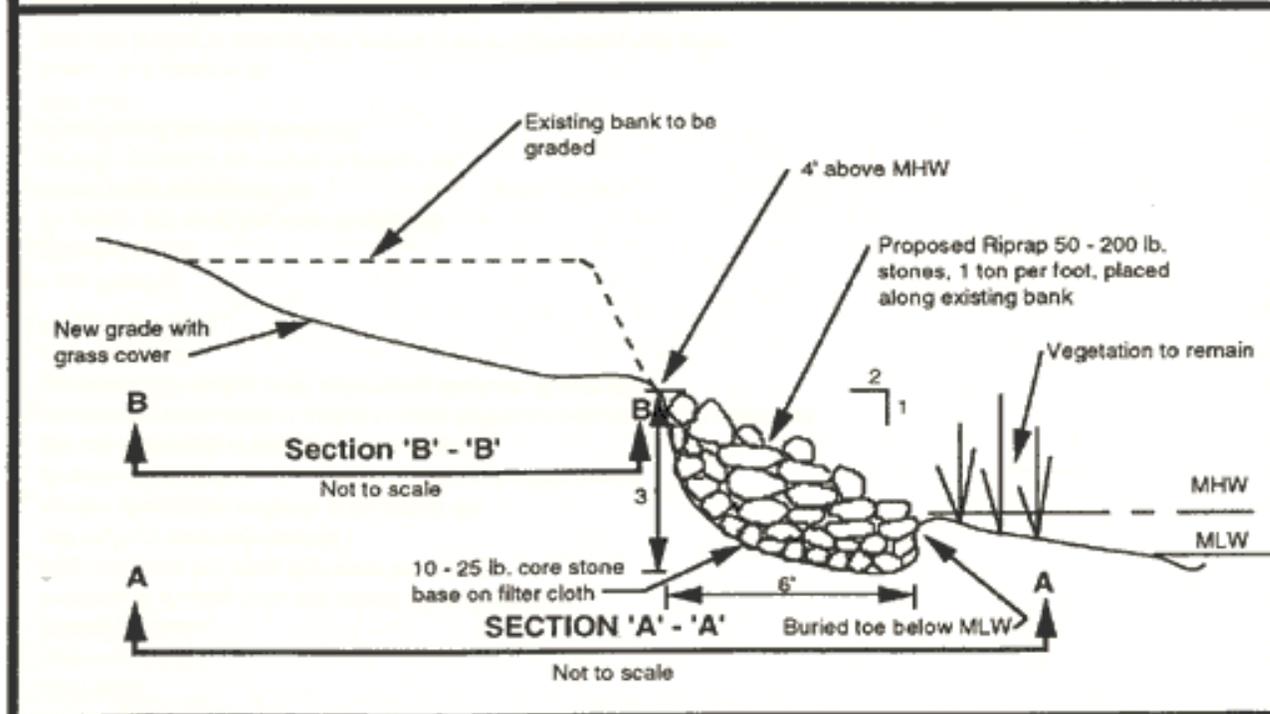
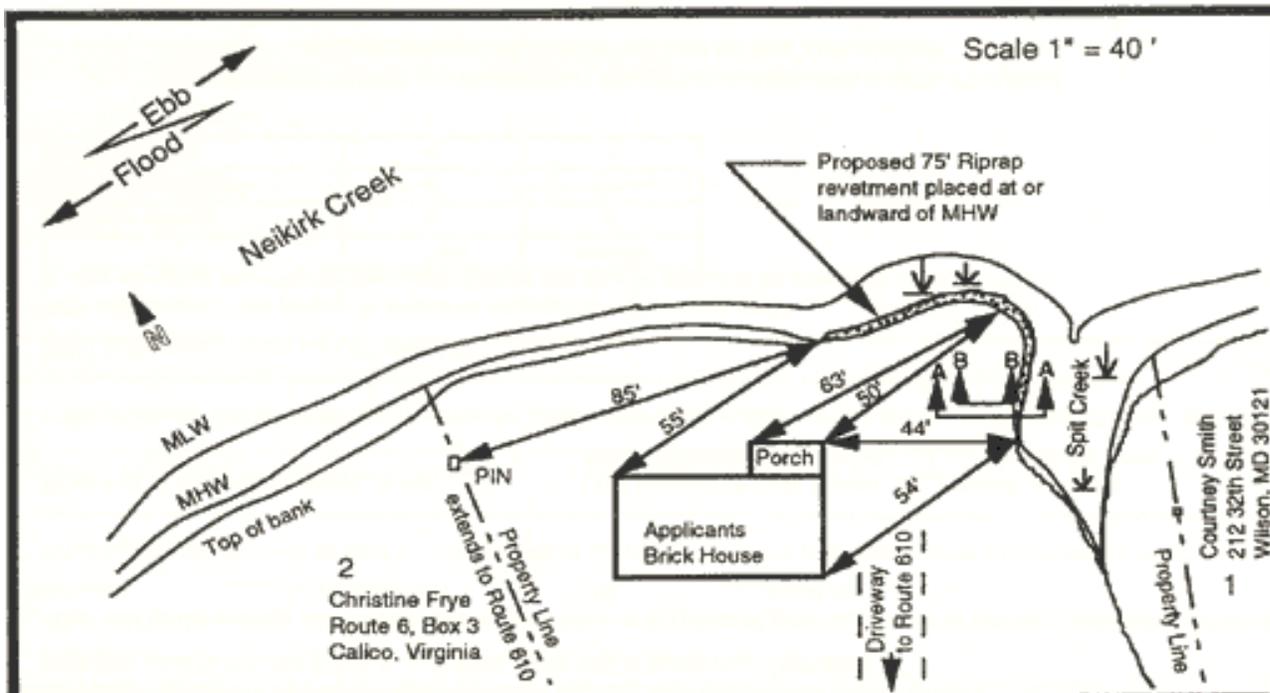
- channelward encroachment relative to mean high/mean low lines (tidal) and OHW line (nontidal)
- connection with existing bulkhead or riprap structures, if applicable
- proposed backfill

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- proposed backfill
- length, height, and base width of revetment, including returns
- filter cloth
- depth of penetration of piles/sheeting below substrate
- buried toe or riprap apron and depth below MLW/OHW
- proposed grading and slope of existing bank relative to mean high water or ordinary high water line

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX H, Riprap Revetment & Associated Backfill



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> Courtney Smith Christine Frye 	<p>Plan & Cross Sectional View Berg Riprap Revetment</p>	<p>Proposed Revetment Project in Neikirk Creek at Roadley Bay</p> <p>County of Culpepper Applicant Bart Berg</p> <p>Sheet 1 of 1 Date 3-17-93</p>
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APPENDIX I - MARSH TOE STABILIZATION

Questions:

1. What type of material will be used (i.e. quarry stone, broken concrete, treated tongue and groove timber, etc.)? _____

2. If riprap will be used for construction, provide the following information:

Average amount of cu yds per linear foot of structure _____

Will filter cloth be used? ___ Yes ___ No

Average weight of the: Core material (bottom layers) _____ pounds per stone Class _____

Armor material (top layer) _____ pounds per stone Class _____

3. What is the total length of the stabilization area, including returns? _____

4. Will any portion of the project be placed on wetlands or subaqueous land? ___Yes ___No.

If your answer is yes, complete the table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

Specific Information for Plan View Drawing:

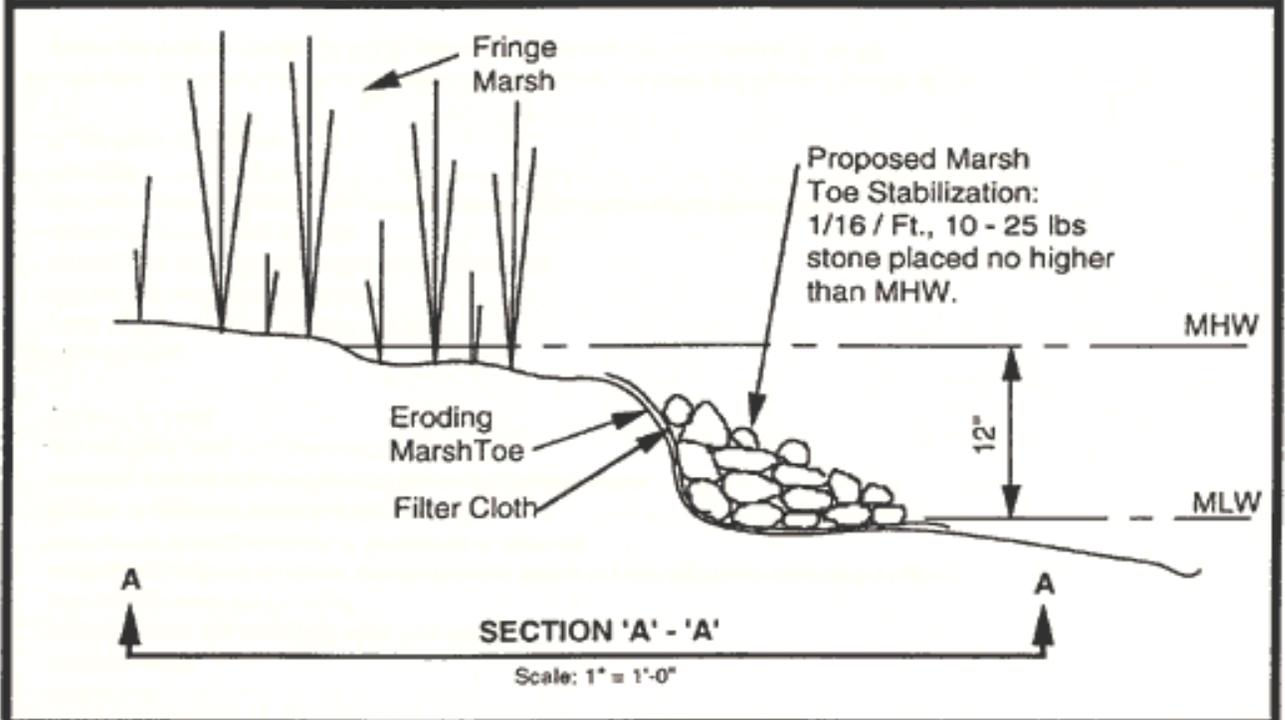
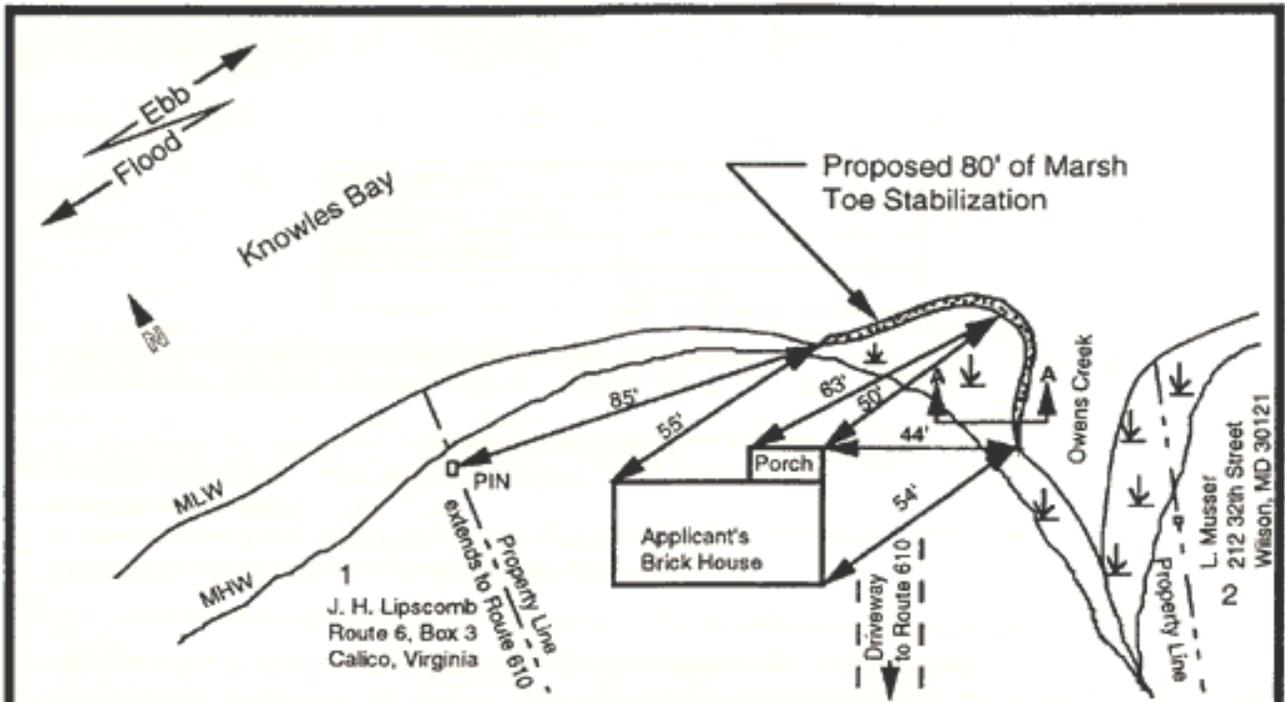
- existing and proposed structures showing distance relative to mean high/mean low water lines (tidal) or ordinary high water line (nontidal)

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- length, height, and base width of stabilization
- design & dimensions of structural components (e.g. deadmen, tie-backs, knee braces, or other anchors)
- filter cloth
- buried toe or riprap apron

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX I, Marsh Toe Stabilization



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> J. H. Lipscomb L. Musser 	<p>Plan & Cross Sectional View Watkinson Marsh Toe Stabilization Scale 1" = 40'</p>	<p>Proposed Marsh Toe Stabilization in Owens Creek at Knowles Bay</p> <p>County of West Applicant A. Watkinson Sheet 1 of 1 Date 2/24/93</p>
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APPENDIX J - DREDGING, MINING, & EXCAVATING

Questions:

1. Complete the table below with the volumes (cu. yds.) and areas (sq. ft.) of material to be removed from waters by each method, for each category:

	NEW				MAINTENANCE			
	Hydraulic	Dragline	Clamshell	Other	Hydraulic	Dragline	Clamshell	Other
Vegetated Wetlands*								
Nonveg. Wetlands*								
Subaqueous Land*								
Totals:								

* Report tidal and/or nontidal

2. State the composition of the material (e.g. clay 25%, sand 25%, silt 50%): _____

3. How will the dredged material be retained to prevent re-entry into the waterway?

4. Will the dredged material be used for any commercial purpose? Yes No

5. For mining projects: Explain the operation plans on a separate sheet of paper. Include the frequency (e.g. every 6 wks), duration (e.g. Apr - Sep), and volume (cu. yds.) to be removed per operation; the temporary storage and handling methods of dredged material; and how equipment will access the dredge site. Have you applied for a permit from the VA Dept of Mines, Minerals, & Energy? Yes No

6. For maintenance dredging projects: When was dredging last performed? _____
Provide permit number _____. Attach a copy of the permit.

7. What is the approximate drainage area and average stream flow? _____ sq mi _____ cfs

Specific Information for Plan View Drawing:

- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and dimensions of area proposed to be dredged
- location of existing channels
- location of dredged material disposal area if located on-site** (for off-site areas: Provide a drawing that includes the location, dimensions, benchmarks, berms, and/or spillways. Also provide an explanation of how the material will be transported, including the location of the proposed transfer site(s). For non-commercially owned/operated disposal areas, attach local approvals for proposed disposal areas.
- location and dimensions of buffer zone between dredge cut and vegetated wetlands
- existing and proposed depths in the project area based on mean low water (tidal) or ordinary high water (nontidal)

Specific Information for Cross-Sectional Drawing of Dredge Area:

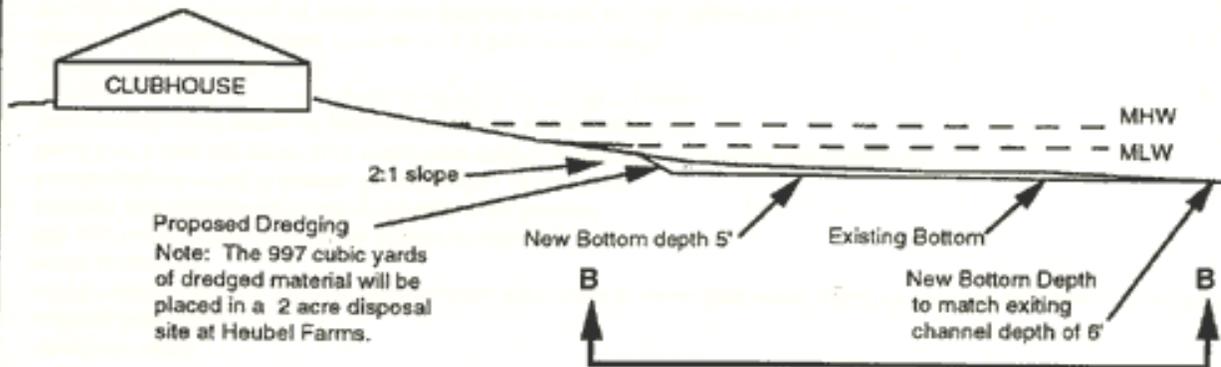
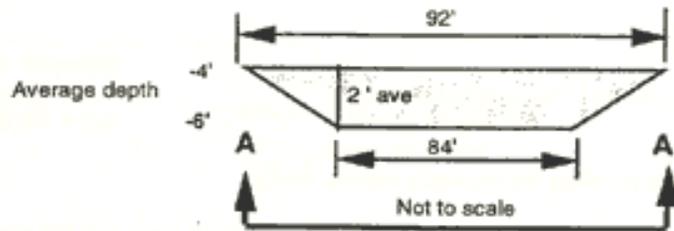
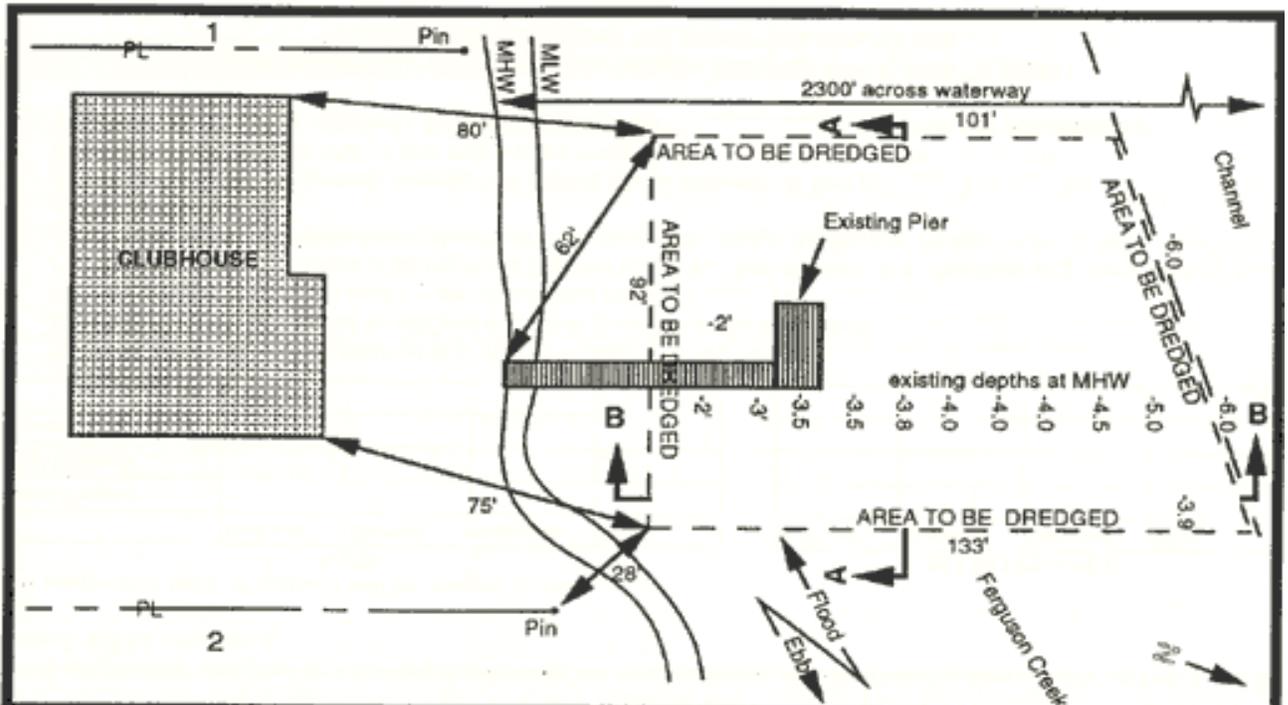
- existing contours of the bottom (depths relative to MLW or OHW); include reference station & datum
- dredge cut: slopes, average depth, bottom & top width
- proposed project depths (after dredging)

Specific Information for Cross-Sectional Drawing of Disposal Area:

- proposed berms & spillways
- ponding depth of dredged material

Note: *Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.*

APPENDIX J, Dredging/ Mining/Excavating



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> J. G. Cundiff C. E. Bigelow 	<p>Plan & Cross Sectional View Grabb Dredging Project Scale 1" = 40'</p>	<p>Proposed dredging project in Ferguson Creek at Sneed Bay County of Byrd Applicant R. J. Grabb Sheet 1 of 1 Date 1/29/92</p>
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APPENDIX K - GROINS & JETTIES

Questions:

1. What type of material(s) are to be used for the construction?

2. If using riprap, what will be the average weight of the:
Core material (bottom layers) _____ pounds per stone Class _____
Armor material (top layer) _____ pounds per stone Class _____
Will filter cloth be used? Yes No

3. Are there similar structures in the vicinity of the project site? Yes No If your answer is "yes", describe the type and location of the structures: _____

4. Will the channelward end of the structure be marked to show a hazard to navigation?
 Yes No

5. Has the project been reviewed by the Shoreline Erosion Advisory Service (SEAS)?
 Yes No If yes, please attach a copy of their comments.

Specific Information for Plan View Drawing:

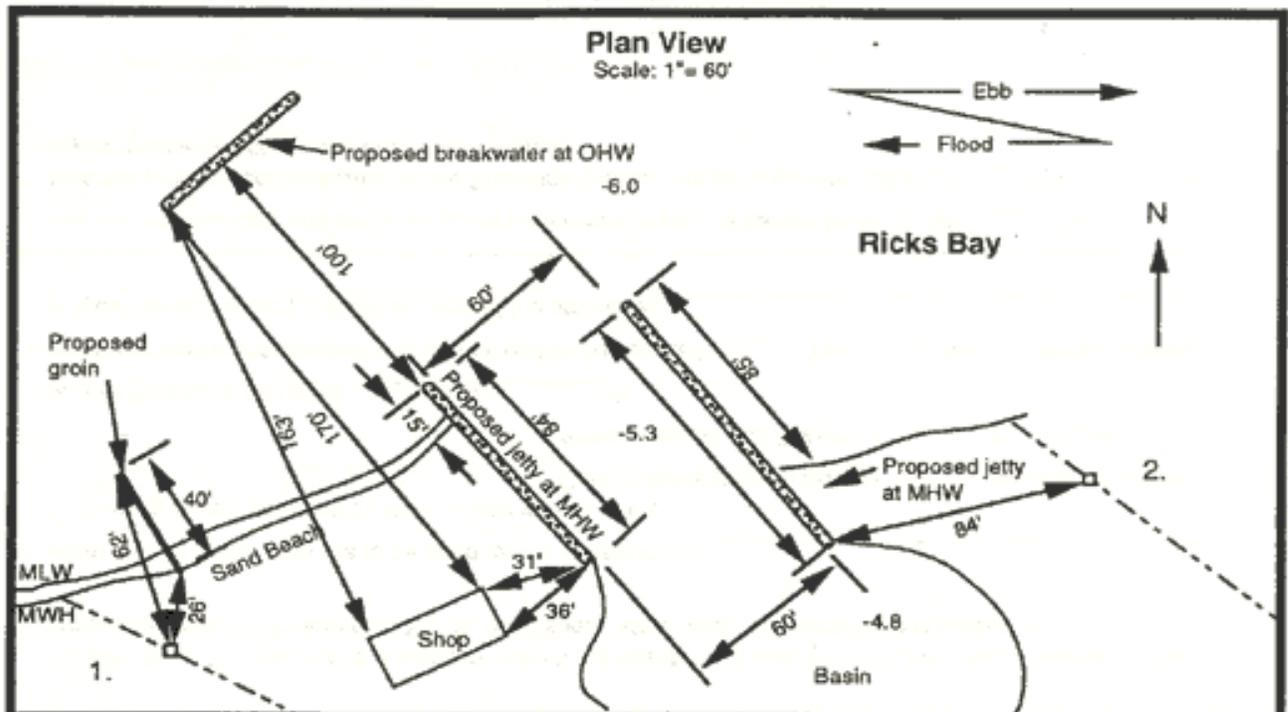
- location and distance from existing channels (marked and/or unmarked)
- direction of net sand transport along the shoreline
- location of scour protection or spurs (if applicable)
- channelward encroachment (including mooring piles) relative to mean high and mean low water lines

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- dimensions of structure including base width & top width
- height of structure over MLW, OHW, and/or existing wetlands, if applicable
- height of channelward end of groin relative to MLW or OHW

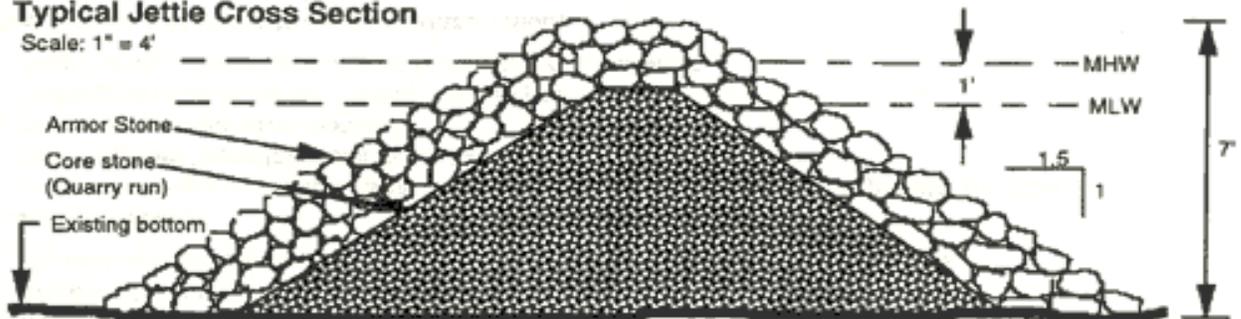
Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX K, Groins & Jetties



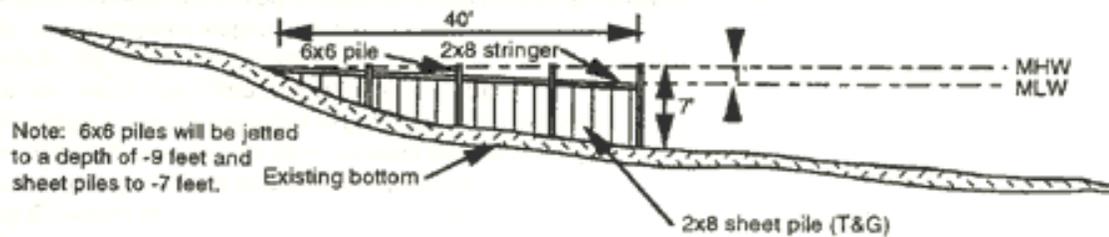
Typical Jetty Cross Section

Scale: 1" = 4'



Low Profile Groin Cross Section

Scale: 1" = 20'



Adjacent Property Owners:

1. T. Barnard
2. C. Robinson

**Plan & Typical
Cross Sectional
View**
McCarthy
Construction Site

Proposed jetties project
in Ricks Bay at Henderson Point
County of West
Applicant James McCarthy
Sheet 1 of 2 Date 3-27-93

APPENDIX L - BREAKWATERS

Questions:

1. What type of materials are to be used for the construction of the breakwater?

2. If using riprap, what will be the average weight of the:
Core material (bottom layers) _____ pounds per stone Class _____
Armor material (top layer) _____ pounds per stone Class _____
Will filter cloth be used? ___ Yes ___ No

3. Are there similar structures in the vicinity of the project site? ___ Yes ___ No If your answer is "yes", describe the type and location of the structures:

4. What is the total length of the breakwater, including returns? _____

Specific Information for Plan View Drawing:

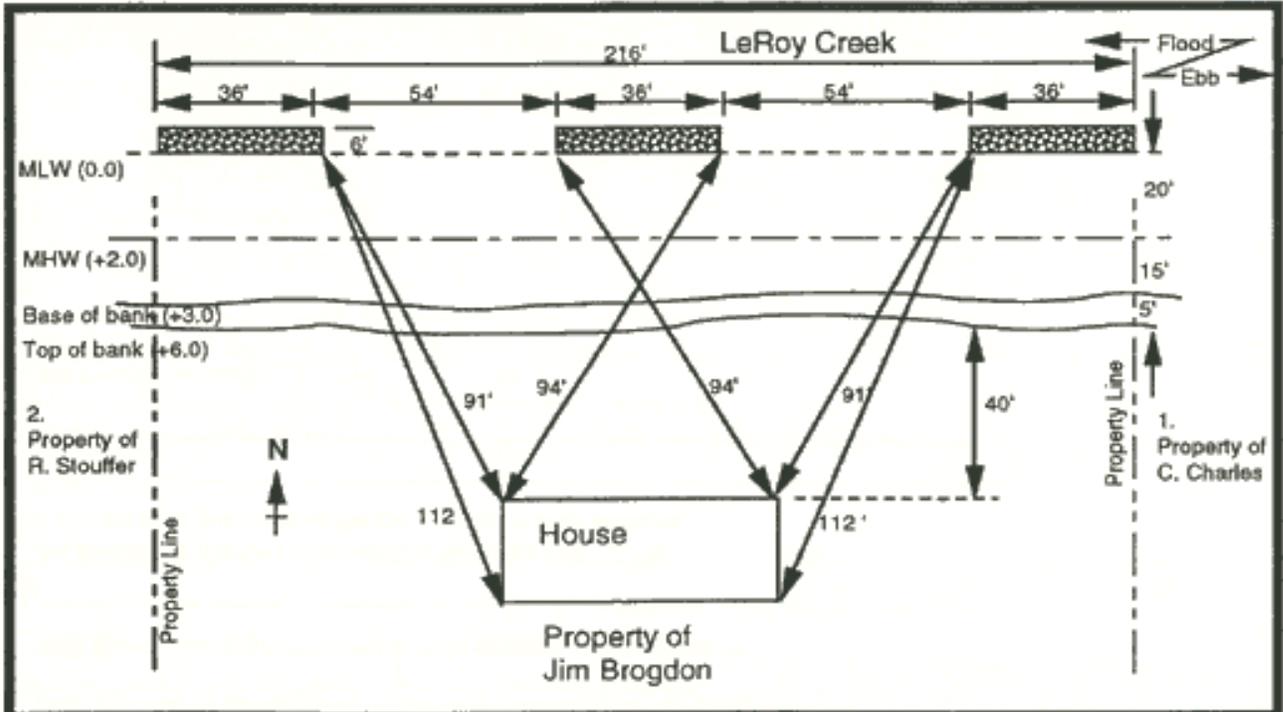
- channelward encroachment (including mooring piles) relative to mean high and mean low water lines

Specific Information for Cross-Sectional Drawing:

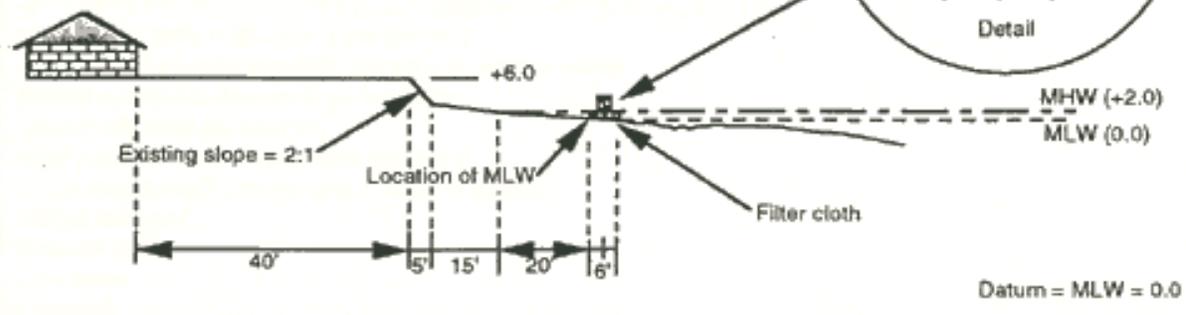
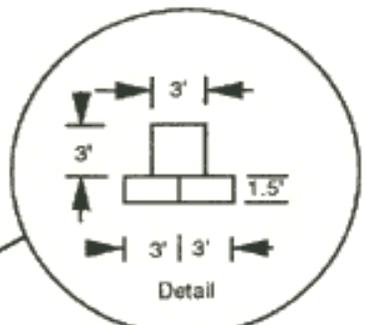
- existing contours of the bottom (depths relative to MLW or OHW)
- dimensions of structure including base width, top width, and slope

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX L, Breakwaters



Gabion breakwater
 Composed of 1-3x3x12 PVC coated basket placed on top of 2-1.5x3x12 PVC coated baskets; filter cloth placed under the structure; length = 36 feet.



Adjacent Property Owners:

1. C. Charles
2. R. Stouffer

Plan & Cross Sectional View
 Brogdon Breakwater Project
 Scale 1" = 40'

Proposed Breakwater project
 in LeRoy Creek at Lewis Bay
 County of North
 Applicant Jim Brogdon
 Sheet 1 of 1 Date 3-20-93

APPENDIX M - BEACH NOURISHMENT

Questions:

1. Provide the following:

Source of material: _____

Volume of material: _____ cu. yds.

Type and composition of material (e.g. sand 90%, clay 10%): _____

Mode of transportation to the project site (e.g. truck, pipeline, etc.): _____

2. Describe the type(s) of vegetation proposed for stabilization and the proposed planting plan, including schedule, spacing, monitoring, etc.: _____

Specific Information for Plan View Drawing:

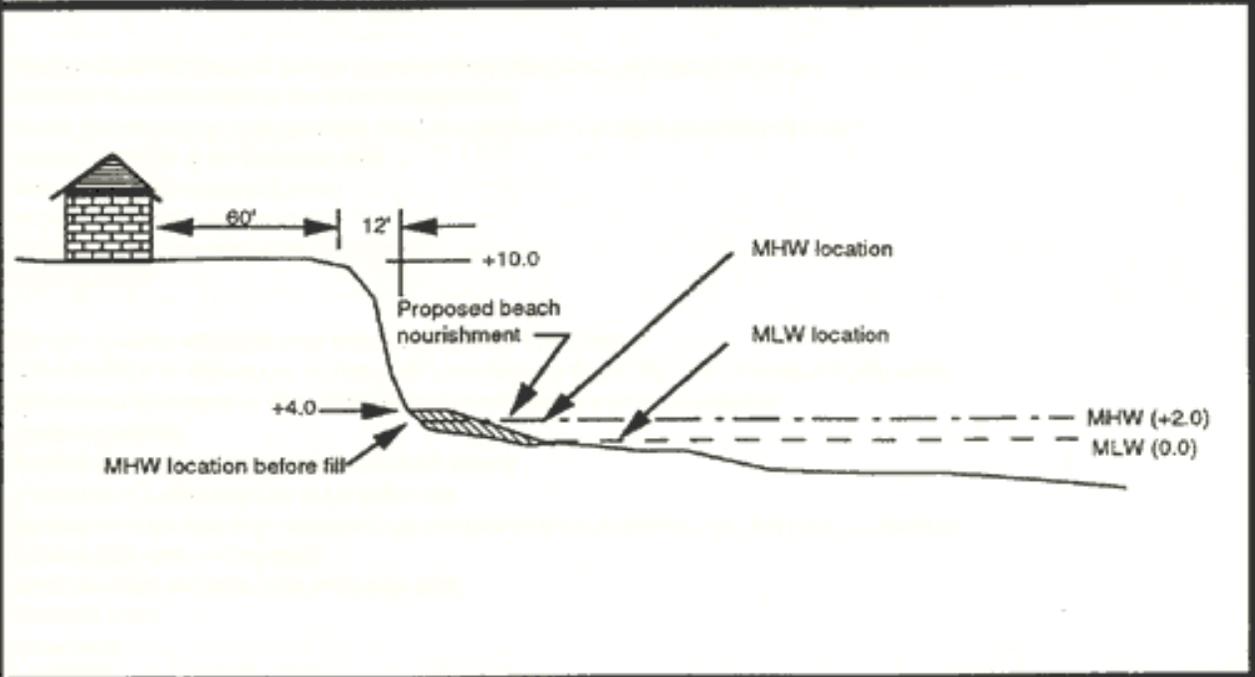
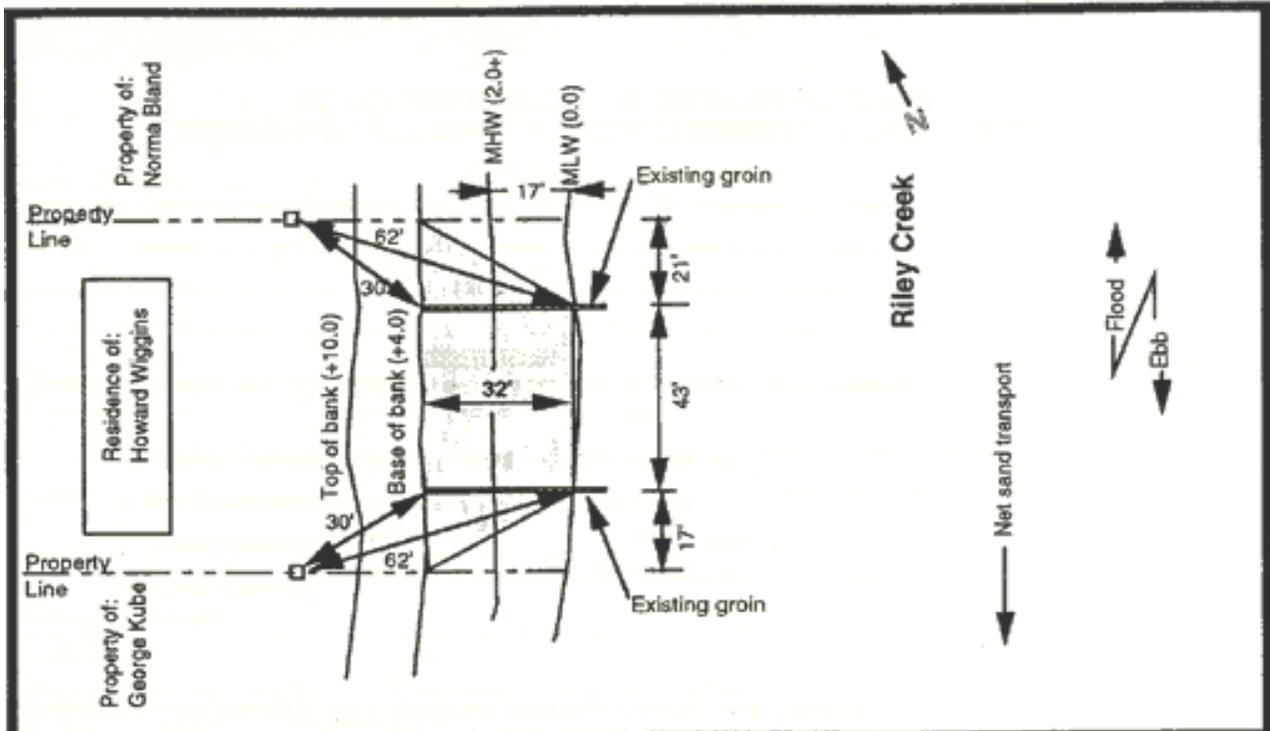
- channelward encroachment relative to mean high and mean low water lines
- dimensions of structures used to stabilize nourishment area
- label fill area and include sq footage
- location of marsh vegetation to be used for stabilization, if applicable

Specific Information for Cross-Sectional Drawing:

- contour and slope of existing beach and of the nourished area
- groins, breakwaters or other structures existing or proposed to stabilize the nourished area
- elevation at the channelward end of the nourished area
- elevation of vegetation to be planted relative to mean high/mean low/ordinary high water

Note: *Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.*

APPENDIX M, Beach Nourishment



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> 1. Norma Bland 2. George Kube 	<p align="center">Plan & Cross Sectional View Beach Nourishment Not to Scale</p>	<p>Proposed beach nourishment project in Riley Creek at County of Hill Applicant Howard Wiggins Sheet 1 of 1 Date 3/8/92</p>
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APPENDIX N - INTAKE/OUTFALL & WATER CONTROL STRUCTURES

Questions:

1. For Intake(s):

Type & size of pipe: _____

Daily rate of withdrawal _____ mgd and velocity _____ fps

Screen mesh size: _____ inches _____ mm _____ other (specify)

For Outfall(s):

Type & size of pipe: _____

Daily rate of discharge _____ mgd

2. If discharge will be thermally enhanced, provide the maximum temperature: _____

3. Will any structure (wingwalls, splash apron, etc.) impact wetlands or subaqueous land?
 ___ Yes ___ No. If your answer is yes, complete the table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

4. What is the approximate drainage area and average stream flow at intake? _____ sq. mi.
 _____ cfs at outfall? _____ sq. mi. _____ cfs

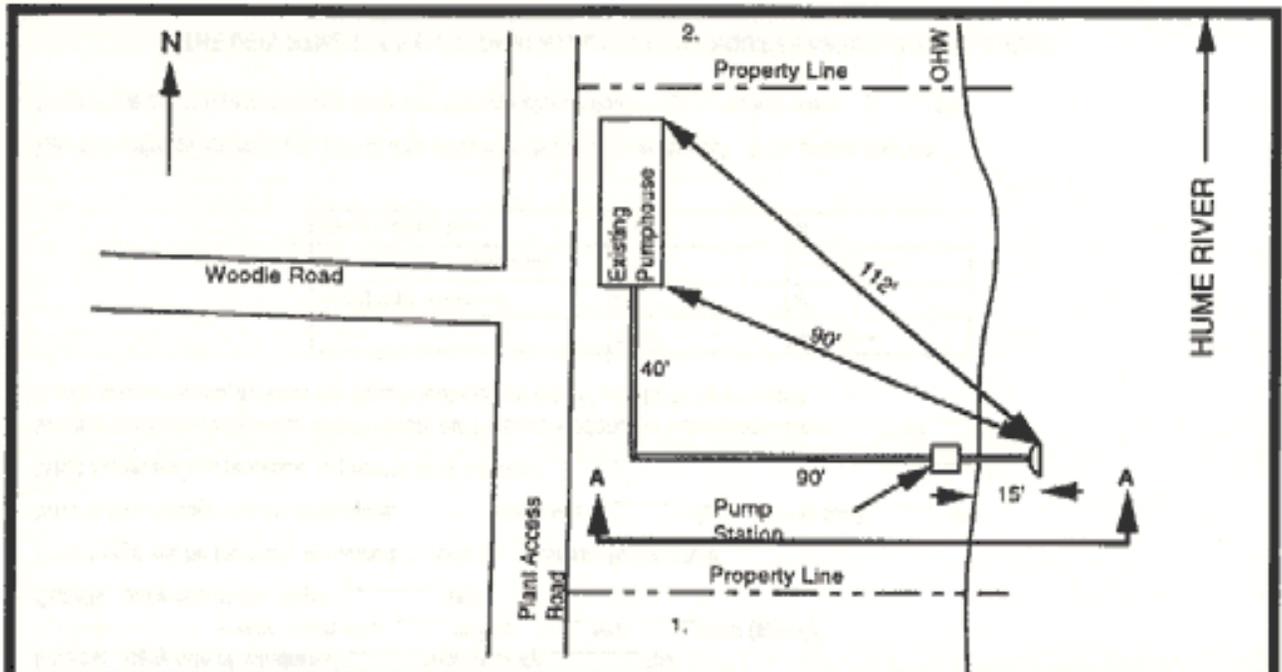
Specific Information for Plan View Drawing:

- channelward encroachment relative to mean high/mean low water lines (tidal) or ordinary high water line (nontidal)

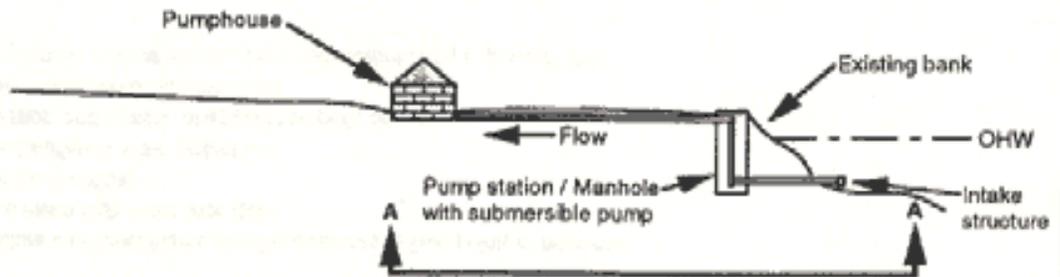
Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW), and of banks
- intake and/or outfall pipe(s)
- supporting structures, including splash apron, wing walls, bank erosion controls, if applicable
- filter cloth

APPENDIX N, Intake / Outfall Structures



Note: Pump station and Pumphouse to be installed above flood plain elevation.
 Ordinary high water = 135'
 Intake structure = 123'



Adjacent Property Owners:

- 1. A. Spingarn
- 2. A. Jennings

Plan &
 Cross Sectional
 View
 Golf Course Water Intake
 Project
 Scale 1" = 40'

Proposed Irrigation project
 in Hume River at Kube Cove

County of Barnard
 Applicant P. Minkin

Sheet 1 of 1 Date 3-20-93

APPENDIX O - NONTIDAL STREAM CHANNEL MODIFICATIONS

Questions:

1. Provide the following:

Approximate normal flow rate and drainage area of the existing water body: _____ cfs _____ sq. mi.

Approximate normal flow rate and drainage area of the new or modified water body: _____ cfs _____ sq. mi.

Method used to stabilize the banks:

Type and approximate composition percentage of the existing stream bed (e.g. cobble 35%, rock 45%, sand 20%, etc.):

2. Will low flow channels be maintained? ___ Yes ___ No

3. Will any structures be placed in the stream to create riffles, pools, meanders, etc? If "Yes" please explain.

Specific Information for Plan View Drawing:

- location, length and width (from OHW to OHW) of the existing channel
- location, length and width of the proposed channel
- location of existing and proposed nonvegetated wetlands, and vegetated or nonvegetated bars, islands, riffles, and pool complexes or other special aquatic sites at the project site
- location and dimensions of bank stabilization structures

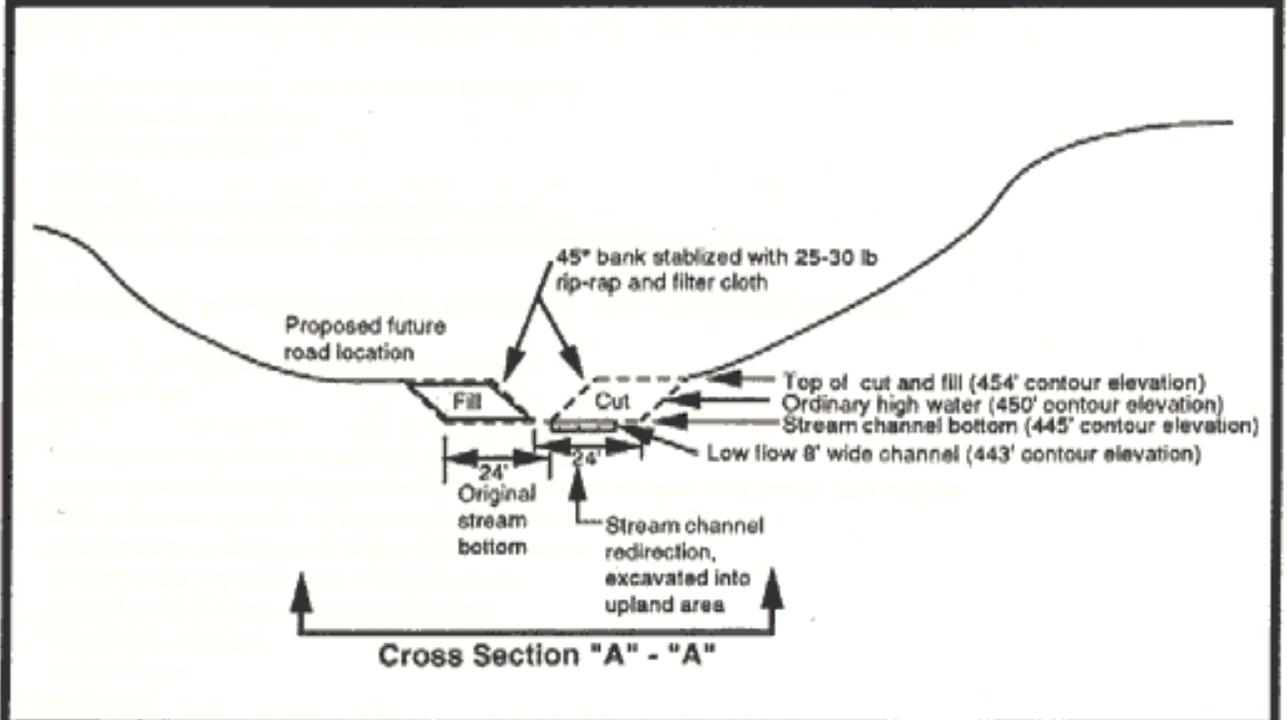
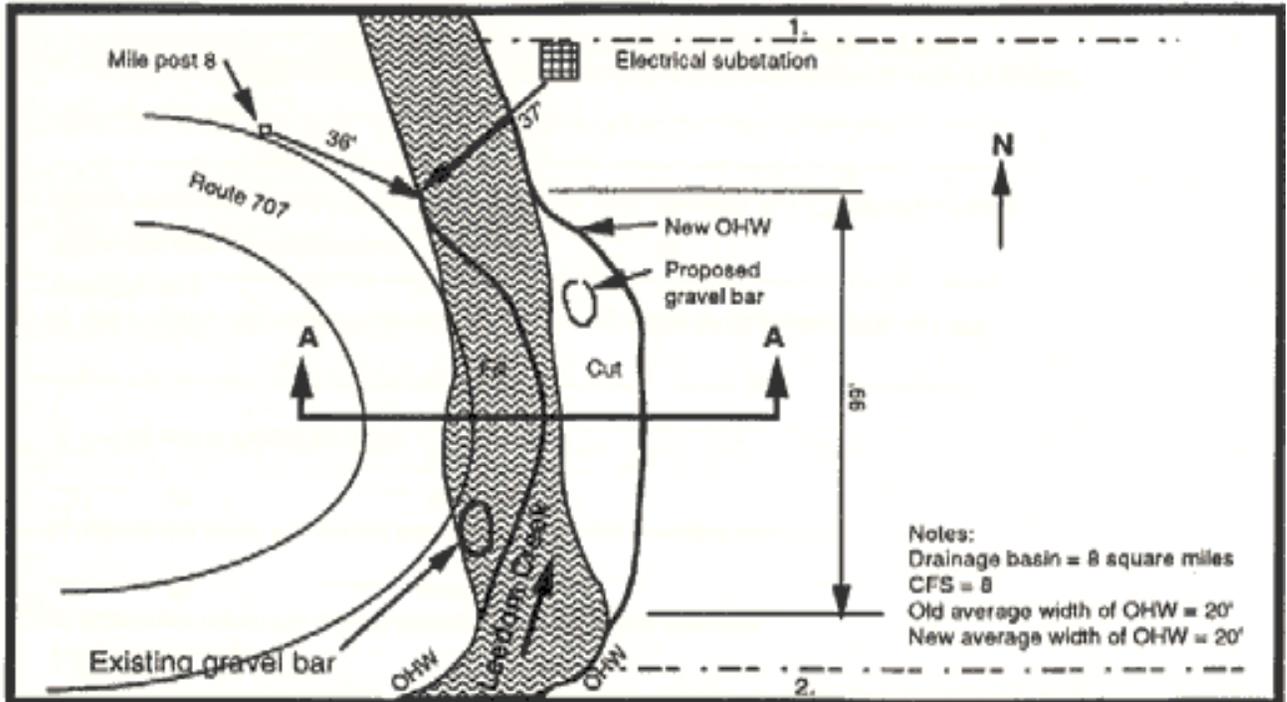
Specific Information for Cross-Sectional Drawing of Existing Channel:

- existing contours of the bottom (depths relative to OHW)
- existing stream channels, including depth, base width, & top width
- dimensions and slope of bank stabilization structures
- filter cloth
- location and dimensions of low flow channel, if applicable

Specific Information for Cross-Sectional Drawing of Proposed Channel:

- proposed bottom contours (depths relative to OHW)
- proposed stream channels, including depth, base width, & top width
- dimensions and slope of bank stabilization structures
- filter cloth
- location and dimensions of low flow channel, if applicable

APPENDIX O, Nontidal Stream Channel Modifications



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> J. G. Smith C. E. Barton 	<p>Plan & Cross Sectional View Construction site Scale 1" = 40'</p>	<p>Proposed stream channel modification in Leadom Creek at Big Mount</p> <p>County of Thomas Applicant R. Henderson Sheet 1 of 1 Date 1/29/92</p>
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APPENDIX P - IMPOUNDMENTS, DAMS, & STORMWATER MANAGEMENT FACILITIES

Questions:

1. Materials to be used for construction (e.g. earth, rock, concrete, etc.)? _____
Source of materials: _____
2. The impoundment's storage capacity will be _____ acre-feet and its surface area will be _____ acres. For stormwater management facilities, what is the design storm event with 24 hours of retention? _____
3. What is the current average flow? _____ cfs; the proposed outflow? _____ cfs
Will the impoundment structure be designed to pass a minimum flow at all times?
__ Yes __ No. If "Yes", what will be the minimum rate of flow? _____ cfs
4. What is the drainage area of the water body upstream of the proposed impoundment?
_____ sq mi
5. Does your project comply with State Dam Safety Criteria? __ Yes __ No __ Uncertain
If your answer is "No" or "Uncertain", contact the Dept. of Conservation & Recreation's Dam Safety Program at telephone (804) 371-6095 or reference the web site <http://www.dcr.state.va.us/sw/damsafety.htm>.
6. How much of impoundment structure will be located on the stream bed? _____ sq ft
What will be the area of waters affected/flooded by the impoundment?
Wetlands: _____ acres Streams: _____ sq. ft.
7. Are fish ladders being proposed to accommodate the passage of fish? __ Yes __ No

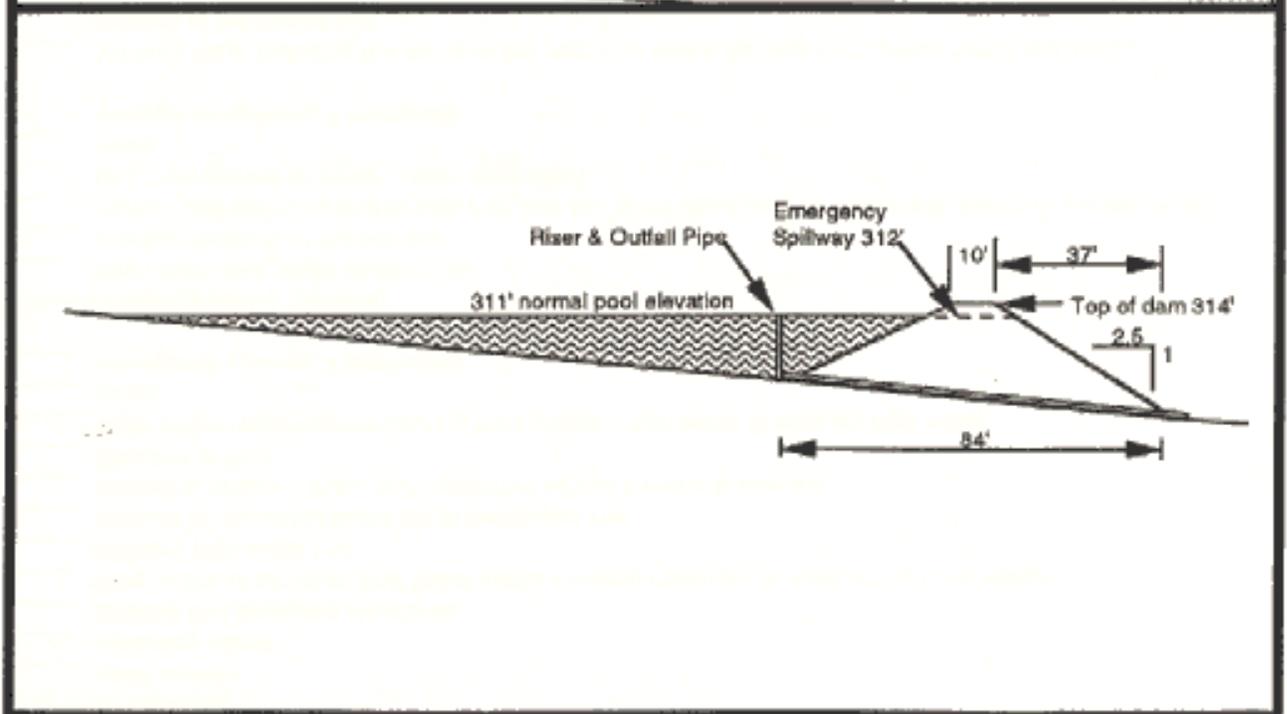
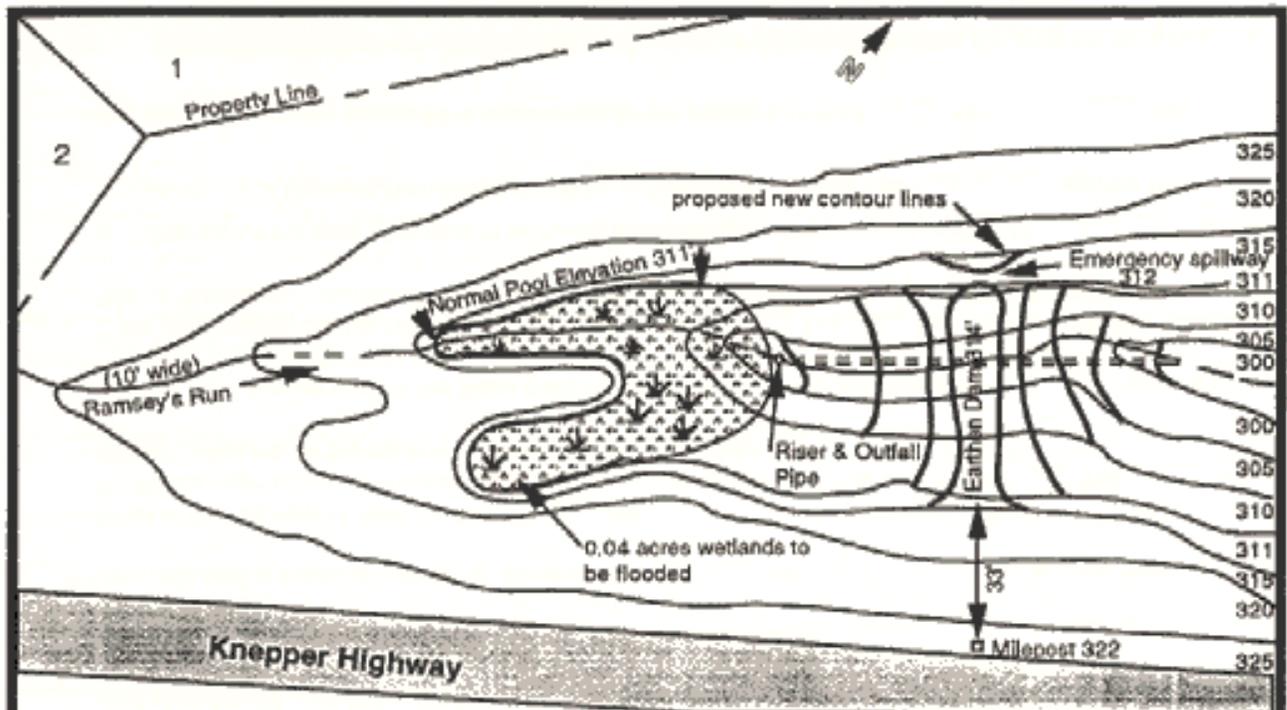
Specific Information for Plan View Drawing:

- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- area to be flooded
- risers, emergency spillway, if applicable

Specific Information for Cross-Sectional Drawing of Proposed Structure:

- existing contours of the bottom (depths relative to MLW or OHW)
- for dams with fluctuating water levels, normal pool elevation and design high & low water elevations (i.e. hydropower or water supply reservoirs)
- risers, emergency spillway, if applicable

APPENDIX P, Impoundments / Dams



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> 1. J. G. Smith 2. C. E. Barton 	<p>Plan & Cross Sectional View O. McDonalds Pond Scale 1" = 40'</p>	<p>Proposed recreational / farm pond in Ramsey's Run at</p> <p>County of West Applicant O. McDonald Sheet 1 of 1 Date 1/29/92</p>
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APPENDIX Q - UTILITY CROSSINGS

Questions:

1. Describe the type of crossing (overhead, underground, etc.), materials to be used, including gravel bedding, the method of construction, and the order in which the construction will be accomplished. Include use of mechanized land clearing versus hand cutting above soil surface: _____

2. For overhead crossings: if there are other overhead crossings or bridges in the area, how high are they relative to mean high/low water or ordinary high water? _____

3. If the project is a power line crossing, what will be the nominal system voltage of the line?

4. Will there be an excess of excavated material? Yes No If yes, please describe the method of transporting and disposing of the material:

5. What is the approximate drainage area and average stream flow? _____ sq. mi. _____ cfs

6. Will excess material be temporarily stockpiled in wetlands? Yes No If "Yes", will the stockpiled material be placed on filter fabric or some other type of impervious surface?
 Yes No

Specific Information for Plan View Drawing:

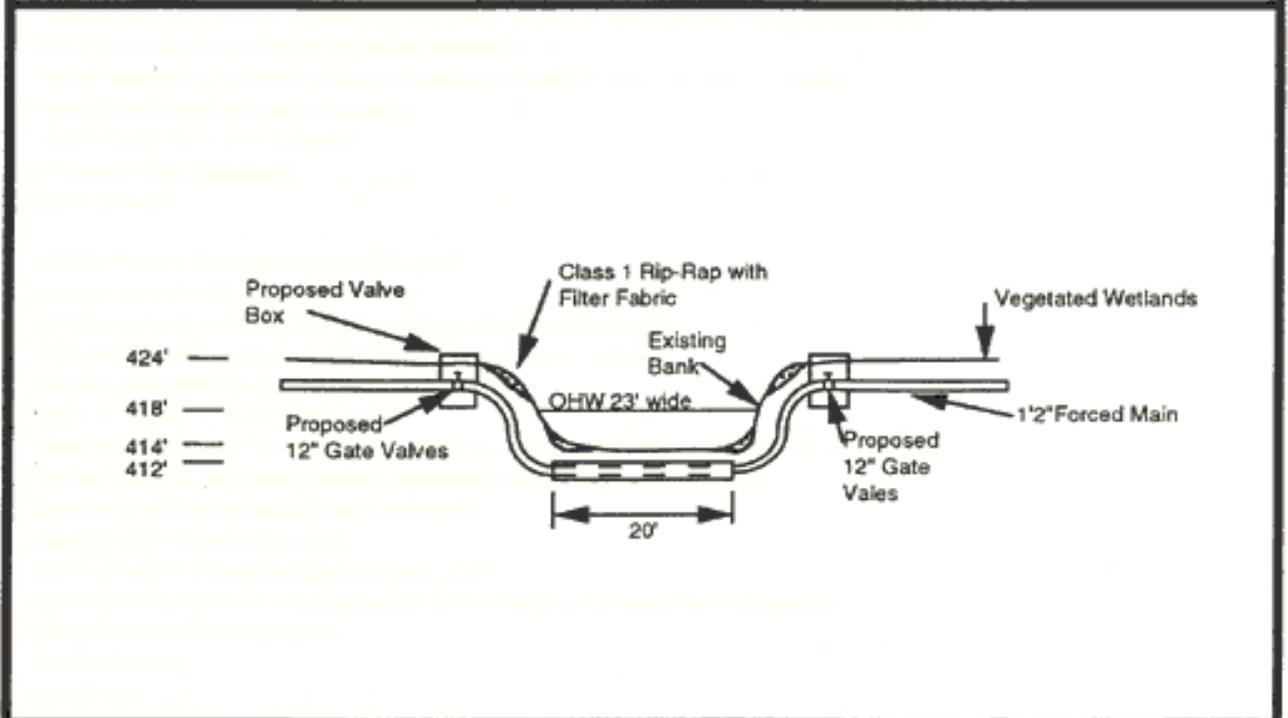
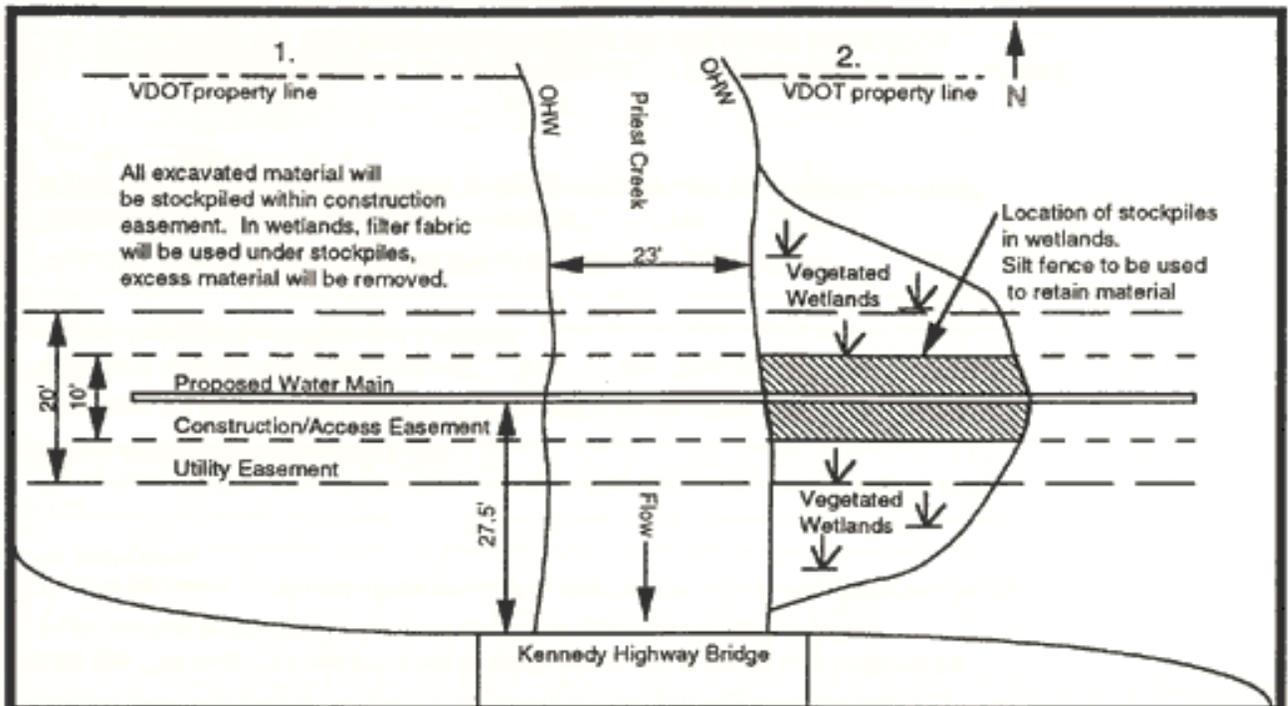
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- type and location of support structures (i.e. towers, poles, platforms)
- location of temporary stockpiles for excavated material, if applicable
- location of temporary construction access
- location of utility line/maintenance right of way

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- vertical distance above mean high/mean low or ordinary high water for overhead crossings
- depth below stream bottom for submarine crossings
- distance that the structure will cross the waterbody relative to MLW or OHW

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX Q, Utility Crossings



<p>Adjacent Property Owners:</p> <p>1. C. Schulz</p> <p>2. K. Mayne</p>	<p>Plan & Cross Sectional View</p> <p>Jennings Sewage Line</p> <p>Scale 1" = 20'</p>	<p>Proposed Utility Line Crossing in Priest Creek</p> <p>County of West</p> <p>Applicant Arthur Jennings</p> <p>Sheet 1 of 1 Date 1/29/92</p>
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APPENDIX R - ROAD CROSSINGS

Questions:

1. On a separate sheet of paper, describe the materials to be used, the method of construction, and the order in which the construction will be accomplished including cofferdams, if applicable.

2. What is the approximate drainage area and average flow rate of the stream? _____ sq mi
_____ cfs

3. Will any fill be located on wetlands or subaqueous land? __Yes __ No. If your answer is yes, complete the table below:

	Tidal (sq. ft.)	Nontidal (sq. ft.)
Vegetated		*
Nonvegetated		*
Subaqueous land		*

*** If nontidal wetland impacts will occur, please complete Part IV or V of the JPA.**

4. Have you conducted hydrologic/hydraulic studies to verify adequacy of the culverts? __Yes __ No. If your answer is "Yes", please attach a copy of the study/report. NOTE: Virginia Department of Transportation (VDOT) standards require that the backwater for a 100 year storm not exceed 1 foot for all road, culvert, and bridge projects within FEMA-designated floodplains.

 5. If the project is a bridge crossing and there are similar crossings in the area, what is the vertical distance above mean high/low water or ordinary high water for the other crossings?
-

Specific Information for Plan View Drawing:

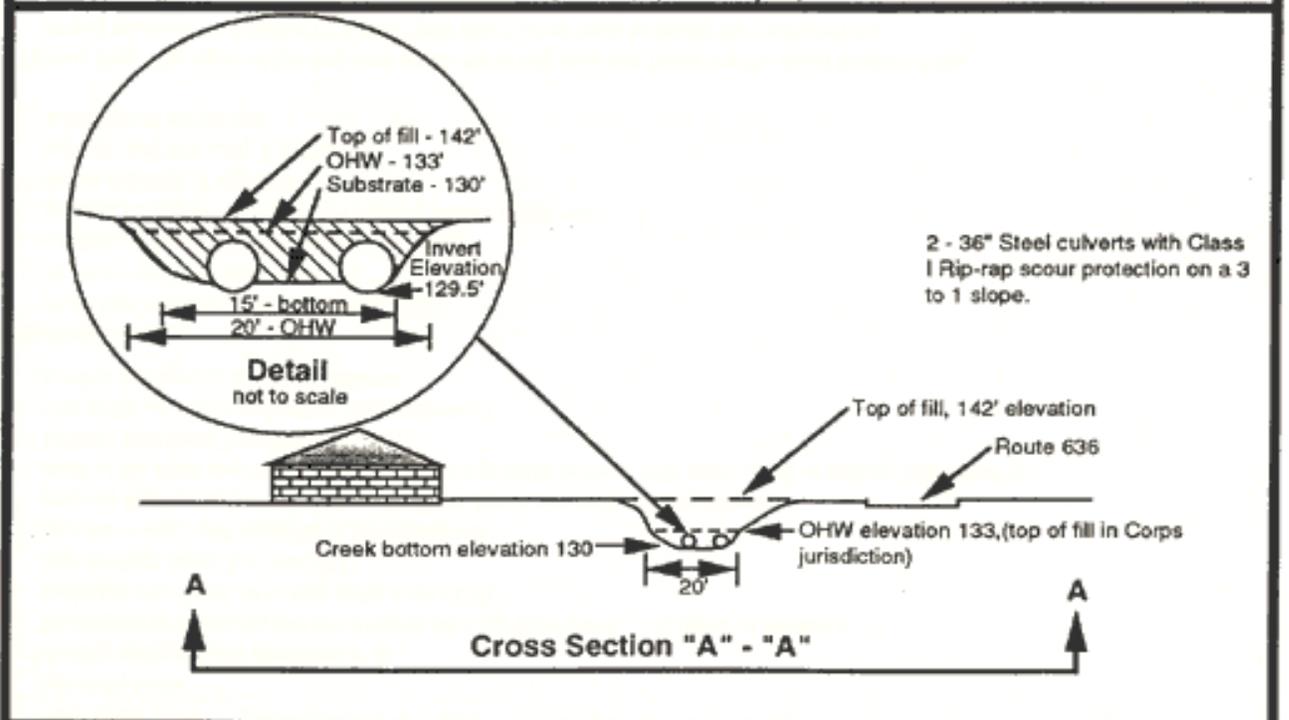
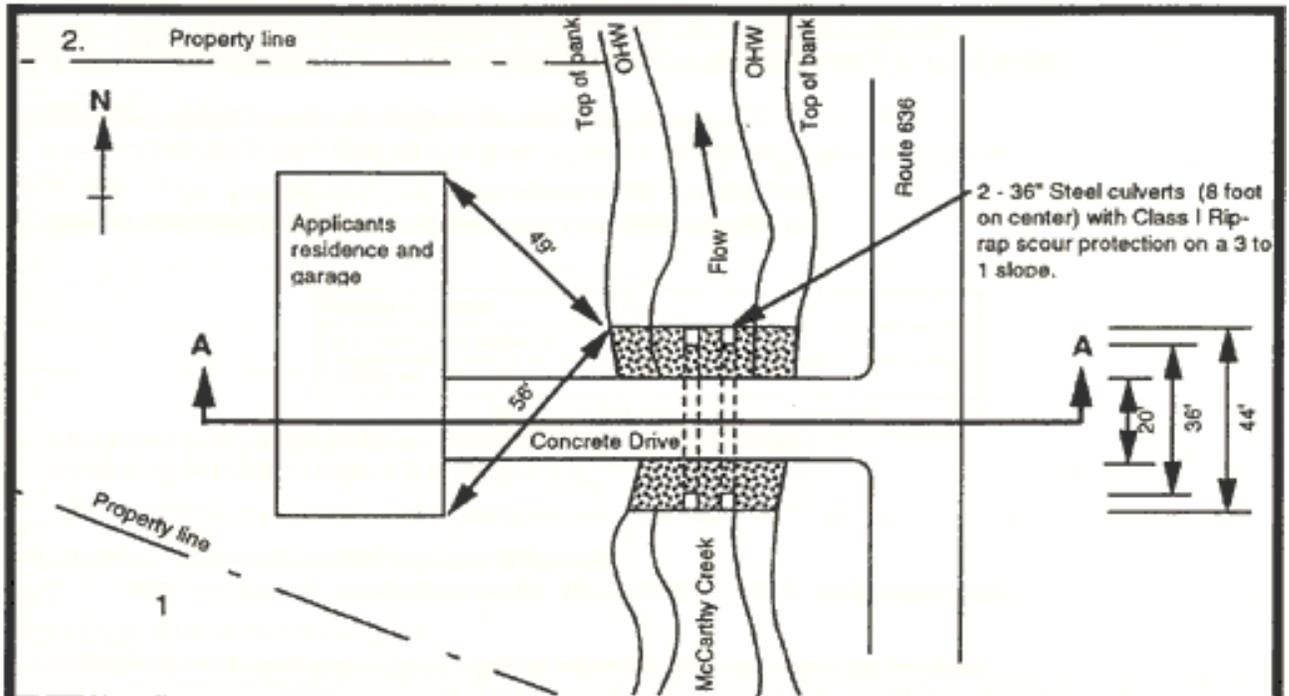
- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- location and type of support structures

Specific Information for Cross-Sectional Drawing:

- existing contours of the bottom (depths relative to MLW or OHW)
- height of bridge, if applicable
- culverts and size, if applicable
- culvert invert elevations

Note: Land disturbance or removal of vegetation associated with projects located in Chesapeake Bay Preservation Areas will require approval from local governments. Please contact your local government to determine local Chesapeake Bay Preservation Act requirements concurrent with this application.

APPENDIX R, Road Crossings



<p>Adjacent Property Owners:</p> <ol style="list-style-type: none"> 1. Ned Burger 2. Joe Baumer 	<p>Plan & Cross Sectional View Road Crossing Scale 1" = 40'</p>	<p>Proposed road crossing project in McCarthy Creek at N/A</p> <p>County of Jones</p> <p>Applicant J. Rubelman</p> <p>Sheet 1 of 1 Date 3-27-93</p>
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APPENDIX S - PRIVATE & COMMERCIAL AQUACULTURE ACTIVITIES

Questions:

1. Briefly describe your proposed aquaculture activity from the time of acquisition (seed, fingerlings, etc.) to time of harvest, and indicate which species you intend to culture.

2. What is the source of the animals/plants you intend to culture?

(Note: VMRC Regulation 4VAC 20-754 et seq. "Pertaining to the Importation of Fish, Shellfish or Crustacea" sets forth the requirements for importing organisms from out of State).

3. Describe the number, type and dimensions of the structures that will be used (e.g., 4' x 2' X 18" floats, 3' x 3' x 1' bottom cages, etc.) and the overall dimensions of the area to be occupied by the aquaculture structures (e.g. two 40-foot by 10-foot bottom plots, etc.)

4. Will the structures be affixed to an existing structure? ___ Yes ___ No. If yes, describe.

5. Will the structures be located on leased oyster planting ground? If so, provide lease and plat file number: Lease no. _____ Plat file no. _____

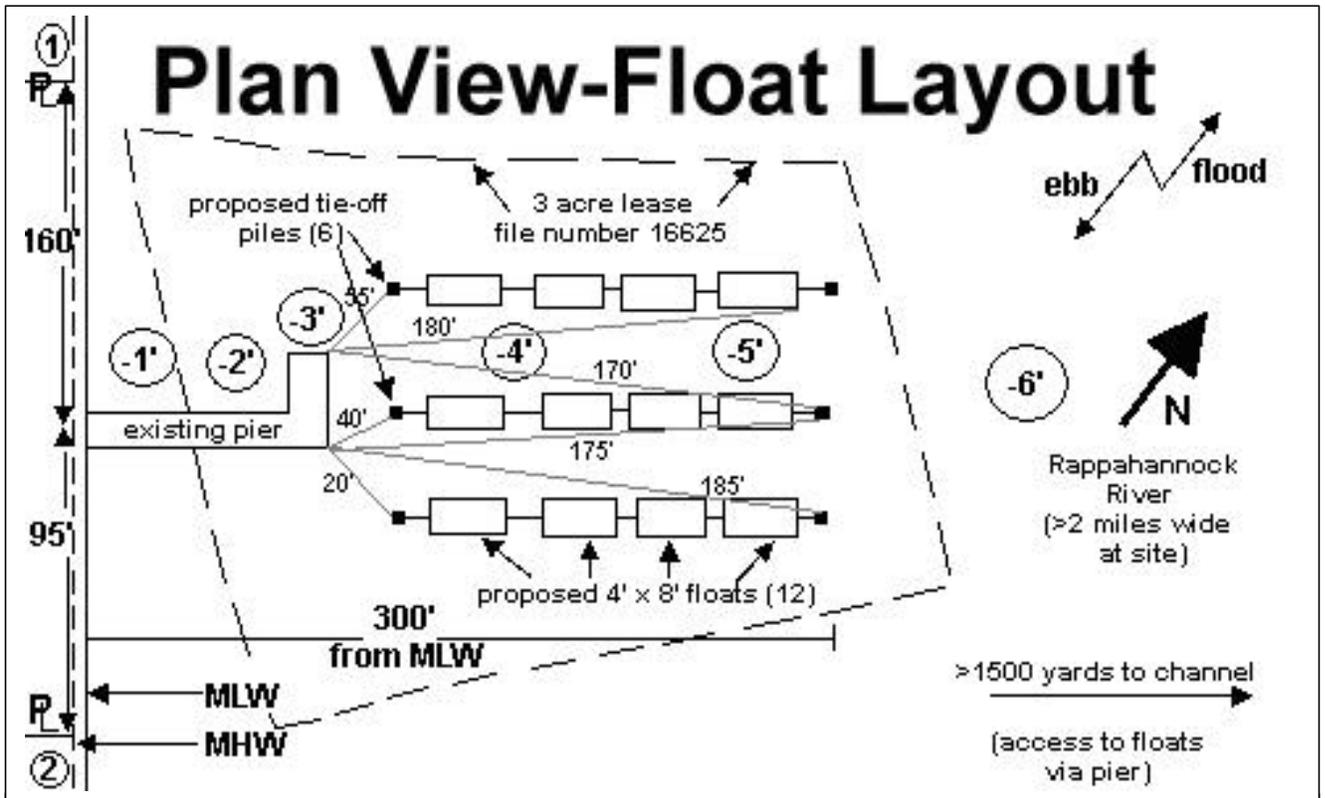
Specific Information for Plan View Drawing:

- width of the waterway, measuring from mean high water to mean high water (tidal areas) or ordinary high water to ordinary high water (nontidal areas)
- the overall dimensions of the area to be occupied by the aquaculture structures
- location and distance from existing channels (marked and/or unmarked)
- soundings taken at mean low water (tidal areas) or at full pool level (nontidal areas) in the location of the proposed structures
- channelward encroachment of structures relative to mean high and mean low water lines
- location of any Submerged Aquatic Vegetation (SAV) in the area

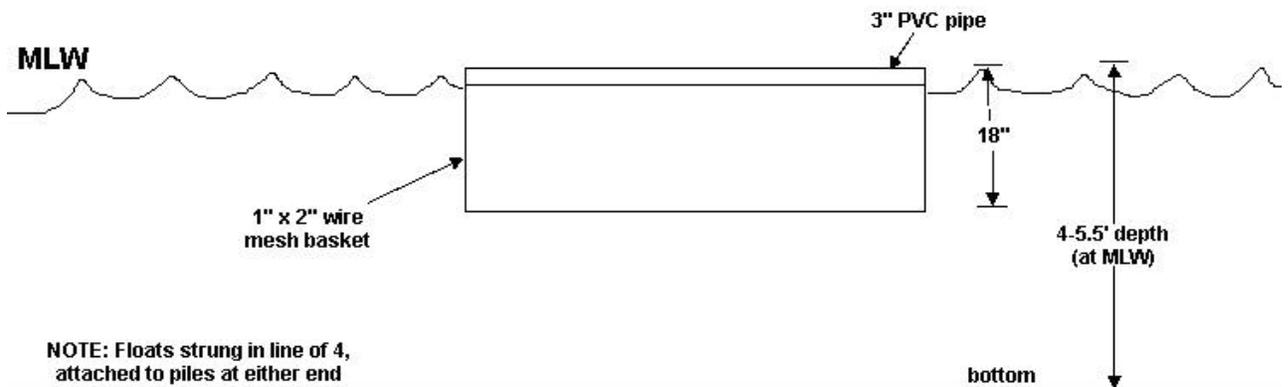
Specific Information for Cross-Sectional Drawing:

- detailed dimensions of the proposed structures, including anchoring or tie-off system to be used
- existing contours of the bottom (depths relative to MLW or OHW) and height above the bottom and below the surface of the structures

APPENDIX S - PRIVATE & COMMERCIAL AQUACULTURE ACTIVITIES



Section View-Float Details



<p>Adjacent property owners:</p> <ol style="list-style-type: none"> 1. L.B. Smith 2. J.R. Jones 	<p style="text-align: center;">Plan and Section View</p> <p style="text-align: center;">L&W Seafood, Inc.</p>	<p>Proposed aquaculture project</p> <p>Rappahannock River</p> <p>Lancaster County</p> <p>Sheet 1 of 3 10/1/02</p>
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JOINT PERMIT APPLICATION

PART III - ADJACENT PROPERTY OWNER (APO) INFORMATION

When determining whether to grant or deny any permit for the use of state-owned bottomlands, the Virginia Marine Resources Commission must consider, among other things, effects of a proposed project on adjacent or nearby properties. Accordingly, in addition to the adjacent waterfront property owner information requested in Part I, question 13, please list the name and complete mailing address of each property owners across the waterway where the waterway is less than 500 feet wide, and/or all of those property owners within the cove, if your property is on a cove.

Discussing the proposed project with these property owners can be done on your own using the Adjacent Property Owner's (APO) Acknowledgement Form provided on the following page. Local wetland boards also consider the effects on adjacent properties. The completed form will assist VMRC and local wetlands boards in processing your application. Please indicate whether or not you have discussed the proposed project with all APOs: ____ Yes ____ No. If yes, please attach the completed acknowledgement forms. (The APO form may be photocopied if extra copies are needed).

ADJACENT PROPERTY OWNER'S ACKNOWLEDGEMENT FORM

I, _____, own land next to (across
(Print Adjacent/Nearby Property Owner's Name)

the water from/ on the same cove as) the land of _____.
(Print Applicant's Name)

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

submitted for all necessary Federal, State, and Local permits.

I HAVE NO COMMENT DO NOT OBJECT 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, please be sure you have checked the appropriate option above).

Adjacent Property Owner's Signature

Date

NOTE: IF YOU OBJECT TO THE PROPOSAL, THE REASON(S) YOU OPPOSE THE PROJECT MUST BE SUBMITTED TO VMRC IN WRITING. AN OBJECTION WILL NOT NECESSARILY RESULT IN DENIAL OF THE PROJECT; HOWEVER, VALID COMPLAINTS WILL BE GIVEN FULL CONSIDERATION DURING THE PERMIT REVIEW PROCESS.

JOINT PERMIT APPLICATION

PART IV - DEQ VIRGINIA WATER PROTECTION INDIVIDUAL PERMIT ADDENDUM

When applying for coverage under a DEQ Virginia Water Protection (VWP) individual permit, complete and attach the information listed on Pages 58 through 60 below, as applicable. Applicants proposing water withdrawal activities, associated structures, or FERC hydropower licensing/relicensing should also complete the questions on Pages 61 through 63 below.

8-digit Hydrologic Unit Code (HUC) for project: _____
 (Refer to web site <http://www.epa.gov/surf/> to determine your HUC. HUC may also be referred to as USGS Cataloging Unit.)

Latitude/Longitude at center of project: ___ - ___ - ___ / ___ - ___ - ___

For stream impacts, note 'Stream Classification':

- | | |
|---|---|
| <input type="checkbox"/> Class I - Open Ocean | <input type="checkbox"/> Class V - Stockable Trout Waters |
| <input type="checkbox"/> Class II - Estuarine Waters | <input type="checkbox"/> Class VI - Natural Trout Waters |
| <input type="checkbox"/> Class III - Nontidal Waters | <input type="checkbox"/> Class VII - Wetlands |
| <input type="checkbox"/> Class IV - Mountainous Zone Waters | |

Expand on Question Number 7 in Part I by providing the following additional information:

- Description of the physical alteration to surface waters
- Approximate time it will take to complete the project after all required permits have been issued

Impacts: Report each impact on a separate line.

IMPACT SITE NUMBER (1,2, etc.)	WETLAND/STREAM IMPACT DESCRIPTION *	WETLAND IMPACT AREA (sq ft)	TYPE OF WETLAND (use Cowardin classification: PEM, PSS, etc.)	STREAM DIMENSIONS AT IMPACT SITE (length and width, linear feet)

* use all that apply: T = Tidal; NT = Nontidal; V = Vegetated; NV = Nonvegetated; TE = Temporary; PE = Permanent; PR = Perennial; IN = Intermittent

Certification

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

Applicant Name and Title

Applicant Signature

Date

Authorized Agent Name and Title (if applicable)

Authorized Agent Signature

Date

Functional values assessments (wetlands only):

For all projects impacting one acre or more of wetlands, a functional values assessment is required. We suggest that a functional assessment method be selected based upon its ease of use, ability to provide quality information, and utility in the field. The functional assessment and the methodology utilized to determine functional value(s) must be submitted with the application package.

Wetland delineation:

A delineation map must be provided of the geographic area of a delineated wetland for all wetlands on the site, in accordance with 9 VAC 25-210-45. Wetlands data sheets and the latitude and longitude (to the nearest second) of the center of the wetland impact area must also be provided. Wetland types shall be noted according to their Cowardin classification or similar terminology. A copy of the USACE delineation confirmation, or other correspondence from the USACE indicating their approval of the wetland boundary, shall also be provided at the time of application, or if not available at that time, as soon as it becomes available during the VWP permit review. The delineation map should also include the location of all impacted and non-impacted streams, open water and other surface waters on the site. The approximate limits of any Chesapeake Bay Resource Protection Areas (RPAs) shall be shown on the map if the project is located within an RPA, as additional state or local requirements may apply.

T & E Species/Special Aquatic Sites:

The applicant shall provide any available information regarding threatened or endangered species and special aquatic sites located on the proposed project site. Pursuant to the Code of Virginia 29.1-564: "Taking, transportation, sale, etc., of endangered species is prohibited. The taking, transportation, processing, sale or offer for sale within the Commonwealth of any fish or wildlife appearing on any list of threatened or endangered species published by the U.S. Secretary of the Interior pursuant to the provisions of the federal Endangered Species Act of 1973 (P.L. 93-205), or any modifications or amendments thereto, is prohibited except as provided in 29.1-568."

Mitigation Plan:

The Virginia Water Protection Permit Regulation (9 VAC 25-210-90.C.) requires that the permittee take all reasonable steps to avoid all adverse environmental impacts to State waters.

The mitigation plan will include at a minimum:

- Measures taken to avoid impacts to surface waters to the maximum extent practicable;

- Where impacts could not be avoided, measures taken to reduce impacts to surface waters to the maximum extent practicable;
- Where impacts could not be avoided or minimized, a mitigation plan which completely describes the type of impact to be mitigated and the means by which mitigation will be accomplished.
- Mitigation goals in terms of functions and values (acres of wetlands, vegetation type, etc.);
- Description of buffer areas included in the plan, description of any structures and/or features necessary for site success, and details of the schedule for compensatory mitigation site construction;

In order for DEQ to deem your application as complete, a conceptual compensatory mitigation plan is required at the time of application. A final compensatory mitigation plan will be required prior to waters impacts occurring on your project site. The conceptual compensatory mitigation plan, which may include wetland creation and/or stream restoration activities, shall provide the following information:

For Wetland creation:

- The mitigation goals in terms of functions and values, as noted above
- Location map - topographic map, including latitude and longitude at the center of each mitigation site;
- A hydrologic analysis, including a draft water budget based on expected monthly inputs and outputs which will project water level elevations for a typical year, a dry year and a wet year;
- Groundwater elevation data, if available, or the proposed location of groundwater monitoring wells to collect these data;
- Wetland delineation confirmation and data sheets and maps for existing wetland areas on the proposed site(s);
- Conceptual grading plan, showing existing and proposed grade;
- Plant species list and planting scheme, including expected zonation and acreage of each vegetation type proposed;
- Soil preparation and amendments addressing both topsoil and subsoil conditions;
- A draft design of any water control structures

For Stream Restoration:

- Restoration goals in terms of water quality benefits;
- Location map – plan view and cross sectional drawings that depict stream sections to be restored and includes the latitude and longitude at the center of each restoration site;
- Proposed stream segment restoration locations, including plan view and cross-section sketches;
- Stream deficiencies that need to be addressed;
- Proposed restoration activities (i.e., riparian plantings, bank stabilization, etc.) for each section, including proposed design flows and types of in-stream structures;
- Proposed construction schedule.

If no mitigation is planned, a brief statement to this effect and a detailed explanation as to the reason no replacement mitigation is planned must be submitted.

For final mitigation plan requirements, refer to Regulation 9 VAC 25-210-80.B.1.k.(4)(d).

FOR WATER WITHDRAWAL ONLY

Attach Appendices N, O, and/or P from Part II of the Joint Permit Application. Describe the stream flow gauges, the type of calculations used such as drainage area coefficient corrections factors, and the period of record that was used to calculate the average flows provided in Appendices N, O, and/or P.

Stream Flows

Provide the **median** (not mean) monthly stream flows in cubic feet per second (cfs) at the **water intake or dam site** (not at the gage). Median flow is the value at which half of the measurements are above and half of the measurements are below. Median is also sometimes referred to as the '50% exceedence flow'. The median flow generally must be calculated from USGS historical data.

Month	Median Flow (cfs)	Month	Median Flow (cfs)
January		July	
February		August	
March		September	
April		October	
May		November	
June		December	

Provide below, or on an sheet, the average annual flow; a stream flow gage description; the type of calculations used; the period of record that was used to calculate the median monthly flows in the above table; and any available historical low flows:

FOR WATER WITHDRAWAL ONLY

Withdrawals

Provide the maximum instantaneous withdrawal and maximum daily withdrawal at the water intake or dam site. Specify the units of measurement (i.e. million gallons per day, gallons per minute, cubic feet per second, etc.)

Maximum instantaneous withdrawal _____
Average daily withdrawal _____
Maximum daily withdrawal _____
Maximum monthly withdrawal _____
Maximum annual withdrawal _____

Describe the manner in which the withdrawal of water varies over time. For example, as a function of the time of year, or time of day, or time of week. Examples of projects that should describe variable use in detail include, but are not limited to: power plant cooling water withdrawals that increase and decrease seasonally; golf course irrigation; localities; nurseries; ski resorts that use water for snowmaking; and resorts with weekend or seasonal variations.

Describe below the amount of water that will be lost to consumptive use. For the purpose of this application, consumptive use means the withdrawal of surface waters without recycling of said waters to their source or basin of origin. Examples of consumptive use are water that is evaporated in cooling towers or in other means in power plants; irrigation water (all types); residential water use that takes place outside of the home; and residential water use both inside and outside of homes for residences served by septic systems. Localities that sell water to other jurisdictions should document the portion of the withdrawal that is not returned to the originating watershed. Attach a map showing the location of the withdrawal and location of the return of flow.

FOR WATER WITHDRAWAL ONLY

Describe below, or on a separate sheet, how the amount of water to be withdrawn was calculated; the relevant assumptions made in that calculation; and how the proposed withdrawal will impact flows in terms of flow reduction. The purpose of this section is to document the need for the water. Examples of documentation include population projections; growth rates; per-capita use rates; changes in unaccounted-for water attributed to leak detection; and disaggregating and re-aggregating water use by category. Document the source of any increase in population, for example, were VEC population projection figures are used. Document whether existing sources go off line and whether new sources come on line, for example, water sales from adjacent localities. Also, describe the proposed use of the water withdrawal.

Beneficial Uses

On a separate sheet of paper, describe the existing beneficial uses of the surface water body near the proposed project site that would be affected by the withdrawal of water. Include both instream and offstream uses. For the purposes of this application, beneficial instream uses include, but are not limited to: the protection of fish and wildlife habitat; maintenance of waste assimilation; recreation; navigation; and cultural and aesthetic values. Offstream beneficial uses include, but are not limited to: domestic (including public water supply); agricultural; hydropower; and commercial and industrial uses. Describe the stream flow necessary to protect existing beneficial uses and how the proposed withdrawal will impact existing beneficial uses.

On a separate sheet of paper, describe the aquatic life known to be present in the proposed project area, and that which may be impacted by the proposed withdrawal. Include the species' habitat requirements.

JOINT PERMIT APPLICATION

PART V - DEQ VIRGINIA WATER PROTECTION GENERAL PERMIT SUBMITTALS AND CERTIFICATION STATEMENT

The information listed on Pages 64-66 below is required for application of coverage under a DEQ Virginia Water Protection (VWP) general permit. The Certification Statement on Page 66 must be submitted with an original signature. Applicants providing a reporting-only JPA should only submit Part I of the JPA and the signed Certification Statement on Page 66. Applicants are advised to consult the VWP general permit regulation under which they wish to apply to determine the complete informational requirements. There is no permit application fee for reporting-only applications. A DEQ project manager will contact you concerning the appropriate fee for VWP general permit applications.

8-digit Hydrologic Unit Code (HUC) for project: _____

(Refer to web site <http://www.epa.gov/surf/> to determine your HUC. HUC may also be referred to as USGS Cataloging Unit.)

Latitude/Longitude at center of project site: ____ - ____ - ____ / ____ - ____ - ____

Stream Classification:

- | | |
|---|---|
| <input type="checkbox"/> Class I - Open Ocean | <input type="checkbox"/> Class V - Stockable Trout Waters |
| <input type="checkbox"/> Class II - Estuarine Waters | <input type="checkbox"/> Class VI - Natural Trout Waters |
| <input type="checkbox"/> Class III - Nontidal Waters | <input type="checkbox"/> Class VII - Wetlands |
| <input type="checkbox"/> Class IV - Mountainous Zone Waters | |

Impacts: Report each impact on a separate line.

IMPACT SITE NUMBER (1,2, etc.)	WETLAND/STREAM IMPACT DESCRIPTION *	WETLAND IMPACT AREA (sq ft)	TYPE OF WETLAND (use Cowardin classification: PEM, PSS, etc.)	STREAM DIMENSIONS AT IMPACT SITE (length and width, linear feet)

* use all that apply: T = Tidal; NT = Nontidal; V = Vegetated; NV = Nonvegetated; TE = Temporary; PE = Permanent; PR = Perennial; IN = Intermittent

Technical Information (As applicable)

Attach the following to the Joint Permit Application as applicable:

- **Detailed site location map** (i.e. a USGS topographic quadrangle map) of the project area.
- **Appropriate Appendices from Part I of the Joint Permit Application.**
- **Project plan view.** Include north arrow, scale, existing structures, existing and proposed contours (if available), limit of jurisdictional areas, direction of flow, ordinary high water mark, impact limits, location and dimension of all proposed structures in impact areas. Cross sectional sketches may be required to demonstrate minimization of impacts.
- **Functional values assessment** for impacts to wetlands greater than one acre. Include a narrative description of the existing wetland functions and values and the impact that the project will have on these functions and values.

- **Dredge material management plan.** Include, at a minimum, plan and cross-section view drawings of the disposal or dewatering area (not necessary if Craney Island), the dimensions and design of the proposed berm and spillway, and the capacity of the proposed disposal or dewatering site.
- **Wetland delineation map and data sheets.** Include a copy of the USACE delineation confirmation, or other correspondence from the USACE indicating their approval of the wetland boundary, or if not available, as soon as it becomes available during the VWP general permit review.
- Copy of the **FEMA flood insurance rate map** or FEMA-approved local floodplain map.
- **Application processing fee (Reporting-only applications do not require a fee):** Fees information for VWP general permits can be obtained from DEQ's web site <http://www.deq.state.va.us> or in Regulation 9 VAC 25-20-10 et seq.

Compensatory Mitigation Information (As applicable)

- In order for DEQ to deem your application as complete, a **conceptual compensatory wetland mitigation plan** is required at the time of application. A **final** compensatory mitigation plan will be required prior to waters impacts occurring on your project site. The **conceptual** compensatory mitigation plan shall provide the following information: the goals and objectives in terms of replacement of wetland or stream acreage and function; a location map, including latitude and longitude; USGS hydrologic unit code; a hydrologic analysis, including draft water budget; ground water elevation data, or the proposed location of ground water monitoring wells to collect these data; wetland delineation confirmation, data sheets, and maps for existing wetland areas on the proposed site or sites; a conceptual grading plan; a conceptual planting scheme, including suggested plant species, zonation and acreage of each vegetation type proposed; a proposed soil preparation and amendment plan addressing both topsoil and subsoil conditions; and a draft design of any water control structures.
- **Discussion of on-site compensation feasibility.** Applicants proposing to compensate off-site, purchase mitigation bank credits, or contribute to an in-lieu-fee fund shall first discuss the feasibility of on-site compensation. If on-site compensation is practicable, then provide documentation as to why the proposed off-site compensation is ecologically preferable. The evaluation should include at least the following assessment criteria: water quality benefits, hydrologic source, hydrologic regime, watershed, surface water functions and values, vegetation type, soils, impact acreage, distance from impacts, timing of compensation versus impacts, acquisition, constructability, and cost.
- **Conceptual stream restoration plan** that includes: goals and objectives in terms of water quality benefits; location map; the proposed stream segment restoration locations, including plan view and cross-section sketches; the stream deficiencies that need to be addressed; the restoration measures to be employed, including proposed design flows and types of instream structures; and a proposed construction schedule.
- **Proof of the willingness** of in-lieu-fee fund to accept the donation and documentation of how the amount of the contribution was calculated.
- **Name of the proposed mitigation bank**, number of credits proposed to be purchased or used, the HUC for the mitigation bank, and certification from the bank owner of the availability of credits.
- **Final compensation plan** must be submitted and approved before construction begins in the permitted impact areas. The plan must include complete information on all components of the conceptual plan, as well as a site access plan; a monitoring plan, including proposed success criteria, monitoring goals, and the location of photostations, monitoring wells, vegetation sampling points, and reference wetlands (if available); an abatement and control plan for undesirable plant species; an erosion and sedimentation control plan; a construction schedule; and proposed deed restriction language for protecting the compensation site or sites in perpetuity. **In-lieu-fee fund**

contributors and purchaser of mitigation bank credits do not need to complete a final compensatory mitigation plan; submit a detailed Bill of Sale or receipt for purchase instead.

VWP General Permit Certification (All applicants)

Please indicate below the VWP General Permit under which you wish to apply for coverage.

- VWP General Permit WP1 (9VAC25-660-10 et seq.) for impacts less than one-half acre.**
- VWP General Permit WP2 (9VAC25-670-10 et seq.) for impacts from utility line activities.**
- VWP General Permit WP3 (9VAC25-680-10 et seq.) for linear transportation projects.**
- VWP General Permit WP4 (9VAC25-690-10 et seq.) for impacts from development activities.**

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

Applicant Name and Title

Applicant Signature

Date

Authorized Agent Name and Title (if applicable)

Authorized Agent Signature

Date

JOINT PERMIT APPLICATION

PART VI - ADDITIONAL INFORMATION

Federal Regulatory Agencies

USACE, Norfolk District Office:
United States Army Corps of Engineers
Regulatory Branch (CENAO-TS-G)
803 Front Street
Norfolk, VA 23510-1096
(757) 441-7652 / Fax (757) 441-7678
<http://www.nao.usace.army.mil/Regulatory/Regulatory.html>

The Corps of Engineers is responsible for administering a permit program pursuant to Section 10 of the Rivers & Harbors Act of 1899 and Section 404 of the Clean Water Act. Specifically, permits are required for construction, dredging, and filling activities proposed by landowners, businesses, developers, and government agencies in tidal and nontidal rivers, creeks, and tidal and nontidal wetlands. In evaluating projects, the Corps considers all comments received from the public and government agencies and conducts a public interest review that weighs foreseeable project benefits against foreseeable project detriments.

For the location of the Corps field office in your project area, please refer to <http://www.nao.usace.army.mil/Regulatory/varegions.htm>.

State Regulatory Agencies

Virginia Department of Environmental Quality
629 East Main Street
Post Office Box 10009
Richmond, Virginia 23219 / 23240
(804) 698-4000
<http://www.deq.state.va.us/>

The Virginia Water Protection Program within the Virginia Department of Environmental Quality is responsible for the administration of the Section 401 water quality programs delegated to the Commonwealth under the Clean Water Act. The program also serves to independently regulate impacts to state waters, including wetlands, as required by the State Water Control Law. Under both State and Federal Law, the Department functions as the principal water quality management agency within the Commonwealth of Virginia. The goal of the Virginia Water Protection Program is to ensure no net loss of wetland acreage and function, protect beneficial uses of state waters, prevent degradation of valuable water resources, and to work toward the restoration of waters whose quality has been degraded.

For the location of the DEQ regional office in your project area, please refer to <http://www.deq.state.va.us/regions/homepage.html>.

Virginia Marine Resources Commission
Habitat Management Division
2600 Washington Avenue, 3rd Floor
Newport News, Virginia 23607-0756
(757) 247-2200
<http://www.mrc.state.va.us/index.htm>

The Virginia Marine Resources Commission serves the citizenry of the Commonwealth of Virginia by combining a public interest review process with effective management, regulation and protection of the State's marine fisheries, submerged lands (state wide) and coastal resources (tidal wetlands and coastal sand dunes/beaches). It is the goal of the Commission's Habitat Management Division to act as stewards of the Commonwealth's submerged lands and ensure the protection and wise use of these coastal lands and natural resources through the implementation of a regulatory review process and permitting program.

Chesapeake Bay Local Assistance Department
James Monroe Building
101 North 14th Street, 17th Floor
Richmond, Virginia 23219
(804) 225-3440 or (800) CHESBAY (243-7229)
<http://www.cblad.state.va.us>

The Chesapeake Bay Local Assistance Department protects the public interest in the Chesapeake Bay and other State waters from pollution impacts associated with the use and development of land and assists the 84 Tidewater localities with all aspects of administering their local Bay Act programs. Services range from reviewing programs and site plans and providing training, technical, and financial assistance to ensuring proper implementation of the requirements of the Chesapeake Bay Preservation Area Designation and Management Regulations (9 VAC 10-20, Virginia Administrative Code).

Local Regulatory Agencies (Local Wetlands Boards)

Many Tidewater localities have adopted the model wetland zoning ordinance found under Section 28.2-1300 of the Code of Virginia. The following localities administer the wetlands zoning ordinance in order to preserve and prevent the despoliation and destruction of tidal wetlands while accommodating necessary economic development in a manner consistent with wetlands preservation. Links to Local Wetlands Boards' information on the Internet can be found at <http://www.nao.usace.army.mil/Regulatory/wetlandsboard.htm>.

<u>Locality</u>	<u>Phone Number</u>	<u>Locality</u>	<u>Phone Number</u>
Accomack	(757) 787-5721	New Kent	(804) 966-9690
Cape Charles	(757)331-3259	Newport News	(757) 247-8437
Charles City	(804) 829-9296	Norfolk	(757) 664-4368
Chesapeake	(757) 382-6248	Northampton	(757) 678-0442
Colonial Heights	(804) 520-9275	Northumberland	(804) 580-8910
Essex	(804) 443-4951	Poquoson	(757) 868-3040

<u>Locality</u>	<u>Phone Number</u>	<u>Locality</u>	<u>Phone Number</u>
Fairfax County	(703) 324-1364	Portsmouth	(757) 393-8836
Fredericksburg	(540) 372-1179	Prince William	(703) 792-6984
Gloucester	(804) 693-2744	Richmond County	(804) 333-3415
Hampton	(757) 727-6140	Stafford	(540) 658-8668
Hopewell	(804) 541-2267	Suffolk	(757) 923-3650
Isle of Wight	(757) 365-6211	Virginia Beach	(757) 427-8246
James City	(757) 253-6673	Westmoreland	(804) 493-0120
King and Queen	(804) 769-4978	West Point	(804) 843-3330
King George	(540) 775-7111	Williamsburg	(757) 220-6130
King William	(804) 769-4927	York	(757) 890-3774
Lancaster	(804) 462-5220		
Mathews	(804) 725-5025		
Middlesex	(804) 758-0500		

Federal Wetlands Determinations

Delineations are to be performed using the 1987 Corps of Engineers Wetlands Delineation Manual.

If you would like the Corps to confirm a wetlands/waters delineation, the following pre-application information should be submitted to the appropriate Corps staff:

- Name & address of proponent/land owner
- USGS quad map, a site survey, and/or property plat showing the site boundary, any existing or proposed development, and data points
- Wetland delineation data sheets for each vegetative community and points up and down slope of the wetland boundary
- If available: aerial photographs of the site, soil survey information, National Wetlands Inventory Map, FEMA floodplain map, site history or prior land use,

Please ensure that wetlands/waters boundaries on the project site have been flagged.

Note: Applicants filing under coverage by the State Program General Permit (SPGP-01) must submit a written Corps confirmation of waters boundaries, a waters delineation map, wetland data sheets, and applicable maps showing historic resources, threatened and endangered species, and critical habitat with their application.