



# Maryland

## Department of the Environment

Larry Hogan, Governor  
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary  
Horacio Tablada, Deputy Secretary

September 16, 2020

Maryland Dept of Natural Resources  
c/o C. Scott Hardaway  
PO Box 157  
Achilles, VA 23001

Re: Agency Interest Number: 166818  
Tracking Number: 202060150  
Tidal Authorization Number: 20-WQC-0048

Via email: [scott@coastlinedesignpc.com](mailto:scott@coastlinedesignpc.com) and [Nicole.M.Voelker@usace.army.mil](mailto:Nicole.M.Voelker@usace.army.mil)

Dear Mr. Hardaway:

Your project did not qualify for approval under the Maryland State Programmatic General Permit (MDSPGP); therefore, a separate review and issuance of the federal permit will be required by the U.S. Army Corps of Engineers. The federal permit is not attached.

Additionally, your project required a Wetlands License to be approved and issued by the Maryland Board of Public Works (BPW). The Wetlands License will be sent to you by the BPW's Wetlands Administrator.

A project that does not qualify for approval under the MDSPGP requires an individual Water Quality Certification (WQC) to be issued by the Maryland Department of the Environment, which is attached. Please take a moment to read and review your WQC to ensure that you understand the limits of the authorized work and all of the general and special conditions.

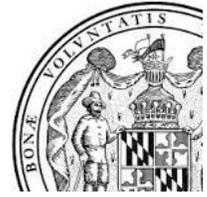
You should not begin any work until you have obtained all necessary State, local, and federal authorizations. Please contact Melissa McCanna at [melissa.mccanna@maryland.gov](mailto:melissa.mccanna@maryland.gov) or 410-537-4053 with any questions.

Sincerely,

Danielle Spendiff, Chief  
Western Region  
Tidal Wetlands Division



STATE OF MARYLAND  
DEPARTMENT OF THE ENVIRONMENT  
WATER AND SCIENCE ADMINISTRATION  
WATER QUALITY CERTIFICATION



20-WQC-0048

EFFECTIVE DATE: **September 2, 2020**  
EXPIRATION DATE: **September 1, 2023**  
CERTIFICATION HOLDER: **Maryland Dept of Natural Resources**  
ADDRESS: **580 Taylor Ave**  
**Annapolis, Maryland 21401-2397**  
PROJECT LOCATION: **5955 Shady Side Rd**  
**Shady Side, MD 20764**

**UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH §9-313 THROUGH §9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE WATER AND SCIENCE ADMINISTRATION (“ADMINISTRATION”) HAS DETERMINED THAT THE REGULATED ACTIVITY DESCRIBED IN STATE TIDAL WETLANDS LICENSE NUMBER 20-WL-0097 (“LICENSE”) WILL NOT VIOLATE MARYLAND’S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION AND WITH ALL TERMS AND CONDITIONS OF THE LICENSE. A COPY OF THE LICENSE, INCLUDING APPROVED PROJECT DRAWINGS AND OTHER ATTACHMENTS, IS ATTACHED HERETO AND IS HEREBY INCORPORATED BY REFERENCE.**

THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS OF ENGINEERS.

THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

### **SPECIAL CONDITIONS**

- A. The terms and conditions of Tidal Wetlands License No. 20-WL-0097 are hereby incorporated, by reference, into this Water Quality Certification. The Certification Holder shall comply with these conditions to ensure that the authorized activities will not result in a violation of the State's water quality standards.

# GENERAL CONDITIONS

- A. The proposed project shall be constructed in a manner which will not violate Maryland's Water Quality Standards as set forth in COMAR 26.08.02. The applicant is to notify this Department ten (10) days prior to commencing work. Verbal notification is to be followed by written notice within ten (10) days.
- B. The Maryland Department of the Environment has determined that the proposed activities comply with, and will be conducted in a manner consistent with the State's Coastal Zone Management Program, as required by Section 307 of the Federal Coastal Zone Management Act of 1972, as amended.
- C. If the authorized work is not performed by the property owner, all work performed under this Tidal Wetlands License shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537-3249, by e-mail at MDE.MCLB@maryland.gov or by accessing the Maryland Department of the Environment, Environmental Boards webpage.
- D. The Certification Holder shall ensure the proposed project shall be constructed in accordance with the authorized plan and any authorized revisions.
- E. The Certification Holder shall ensure that all fill and construction materials not used in the project shall be removed and disposed of in a manner which will prevent their entry into waters of this State.
- F. The Certification Holder shall notify the Water and Science Administration, Tidal Wetlands Division, in writing, upon transferring property ownership or responsibility for compliance with these conditions to another person. The new owner/operator shall request, in writing, transfer of this Water Quality Certification to his/her name.
- G. The Certification Holder shall allow representatives of the Maryland Department of the Environment to inspect the authorized activities.
- H. The Certification Holder shall ensure that a copy of this Permit, including the approved plans, is available at the site until the authorized work is complete.
- I. The Certification does not relieve the Certification holder from the responsibility of obtaining all necessary federal, State, and local government authorizations.
- J. The Certification Holder shall comply with all Critical Area requirements and obtain all necessary authorizations from local jurisdiction. This Certification does not constitute authorization for disturbance in the 100-foot Critical Area Buffer. "Disturbance" in the Buffer means clearing, grading, construction activities, or removal of any size of tree or vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land disturbing activity, from local jurisdiction in the form of a Buffer Management Plan.

Failure to comply with these conditions shall constitute reason for suspension or revocation of the Water Quality Certification, and legal proceedings may be instituted against the Certification Holder in accordance with the Annotated Code of Maryland. In granting this certification, the Department reserves the right to inspect the operations and records regarding this project at anytime

**CERTIFICATION APPROVED**



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D. Lee Currey, Director  
Water and Science Administration

9/25/2020

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Date

Tracking Number: 202060150  
Agency Interest Number: 166818

Effective Date: September 2, 2020

Enclosure: Executed Tidal Wetlands License No. 20-WL-0097 with all plans and attachments.

cc: WMA Inspection & Compliance Program



William Morgante, PWS  
Wetlands Administrator

State of Maryland  
**Board of Public Works**  
Wetlands Administration  
Post Office Box 1510 Annapolis, Maryland 21404  
410-260-7791

Larry Hogan  
Governor

Nancy K. Kopp  
Treasurer

Peter Franchot  
Comptroller

John T. Gontrum, Esq.  
Executive Secretary

**WETLANDS LICENSE NO. 20-0097**

**MARYLAND DEPARTMENT OF NATURAL RESOURCES**

The Maryland Board of Public Works authorizes you to:

- I. Construct a living shoreline along 1,060 linear feet on the Chesapeake Bay, to place approximately 10,000 cubic yards of clean sand, and plant approximately 72,400 square feet of marsh vegetation, all extending a maximum of 170 feet channelward of the existing mean high water line
- II. Construct four sand containment structures with two vents: a 350-foot long by 19-foot wide sill approximately 2.5 feet below mean high water; a 200-foot long by 22-foot wide breakwater approximately 3.5 feet above mean high water; and a 325-foot long by 22-foot wide groin approximately 3 feet above mean high water.

*Chesapeake Bay at Franklin Point State Park, 5955 Shady Side Road, Shady Side, Anne Arundel County, Maryland.*

Issuance of this Tidal Wetlands License constitutes the State's determination that the authorized activities are consistent with the Maryland Coastal Zone Management Program, as required by Section 307 of the Federal Coastal Zone Management Act of 1972, as amended [16 U.S.C. §1456]. Accordingly, the State concurs with the Licensee's certification in the Joint Permit Application that the project complies with and will be conducted in a manner consistent with the Maryland CZMP.

**THIS LICENSE AUTHORIZES YOU TO PERFORM THE WORK ONLY IF YOU COMPLY WITH THE FOLLOWING SPECIAL CONDITION(S):**

- A. Licensee shall not perform any construction from November 15 through March 1 of any year to protect wintering waterfowl. The proposed project site is located in a Historic Waterfowl Concentration Area.
- B. The marsh establishment area shall be planted within one year following completion of the filling operation. Maintenance planting and debris removal shall be performed as needed.
- C. Marsh establishment:
  - a. Licensee shall use clean substrate fill material, no more than 10% of which shall pass through a standard number 100 sieve.

- b. The marsh establishment area shall be planted within one year following completion of the filling operation.
- c. The marsh establishment project shall be maintained as a wetland, with non-nuisance species' aerial coverage of at least 85% for three consecutive years. If 85% coverage is not attained, the reasons for failure shall be determined, corrective measures shall be taken, and the area shall be replanted.
- d. If the fill is graded hydraulically, Licensee shall use a turbidity curtain around the perimeter of the instream work.
- e. If the existing bank is to be cleared or graded,
  - i. Licensee shall obtain any required approvals of an erosion and sediment control plan from the applicable sediment and erosion control agency, and
  - ii. Licensee shall perform all work under and in accordance with the Critical Area requirements of the local jurisdiction in the form of an approved Buffer Management Plan.
- D. Licensee shall submit a detailed marsh maintenance plan and a *Phragmites* Control Plan to be approved by MD Dept. of the Environment's Water and Science Administration, Tidal Wetlands Division, prior to commencement of any work authorized under this License.
- E. Licensee shall obtain a Toxic Material Permit from MDE's Industrial and General Permits Division at 410-537-3619, prior to the application of any herbicide to eradicate *Phragmites*. Toxic materials use permits are required for any homeowner, farmer, local government or other person who wants to control aquatic life in ponds, ditches or waterways by the deliberate use of chemicals.
- F. Licensee shall submit photographs of an annual basis for the first five growing seasons to MDE's Tidal Wetlands Division, Water and Science Administration, in order to document the success of the project in terms of the extent of native marsh plant coverage. Photographs shall be taken from at least two directions, as necessary to fully depict the living shoreline.

**THIS LICENSE AUTHORIZES YOU TO PERFORM THE WORK ONLY IF  
YOU COMPLY WITH THE FOLLOWING STANDARD CONDITIONS:**

1. Licensee shall conduct the authorized work in accordance with the plans and drawings dated March 5, 2020, which are hereby incorporated into this License.
2. Until the authorized work is complete, Licensee shall have available at the site a copy of this License including the plans and drawings.
3. This License constitutes Maryland's authorization to conduct the authorized work under the State Tidal Wetlands Law. This License does not bestow any other federal, State, or local government authorization.
4. Licensee shall have all proposed work above Mean High Water reviewed and authorized by the local county Department of Planning and Zoning or applicable agency.
5. Licensee shall notify MDE's Inspection and Compliance Program by phone (410-537-3510) AND in writing (MDE, Inspection and Compliance Program, 1800 Washington Boulevard, Baltimore, MD 21230) of the following:
  - start date at least five business days before beginning work; and
  - completion date no more than five business days after project completion.
6. If MDE has issued a Water Quality Certification with respect to the authorized work, Licensee shall comply with all conditions of that certification.

7. Licensee shall conduct the authorized work in accordance with Critical Area Commission requirements. This License does not authorize disturbance in the Buffer. If authorized work will disturb the Buffer, Licensee shall have a Commission-approved or locally approved Buffer Management Plan before beginning the authorized work.  
“Buffer” means the 100-foot Critical Area Buffer and any expanded area that is immediately landward of the mean high-water line of the tidal waters or is immediately landward of tidal wetlands. The Buffer includes expanded contiguous area if the contiguous area includes steep slopes, hydric soil, or highly erodible soil, or otherwise meets the criteria of COMAR 27.01.09.01.E(7). “Disturbance” means any alteration or change to the land including any amount of clearing. Clearing includes vegetation removal, grading, and construction activity.
8. Licensee may not fill, dredge, or otherwise alter or destroy tidal marsh or its vegetation unless this License specifically authorizes the activity.
9. Licensee may not stockpile material in State tidal wetlands/State tidal waters of the U.S.
10. Licensee shall allow unfettered public use of State wetlands/State tidal waters of the U.S.
11. This License does not transfer a property interest of the State.
12. Licensee shall file a Miss Utility ticket for the proposed work at least 10 days before beginning work. *Miss Utility: 800-257-7777*
13. Licensee shall ensure that structures (for example, piers and piles) removed from the site are taken to an upland disposal facility approved by MDE’s Inspection and Compliance Program.
14. If the authorized work impacts more than 5,000 square feet or includes 100 or more cubic yards of fill, Licensee shall conduct the authorized work in accordance with a locally approved Soil Erosion and Sediment Control Plan.
15. If the authorized work is not performed by the property owner, all work performed under this Tidal Wetlands License shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537-3249, by email at *MDE.MCLB@maryland.gov* or by accessing the Maryland Department of the Environment, Environmental Boards webpage.
16. Licensee shall allow State officials and employees to make inspections at reasonable times and cooperate with those inspections.
17. This License is granted only to the Licensee. Licensee may transfer the license only with written approval from the Board of Public Works. If the Board of Public Works approves the transfer, the transferee is subject to all License terms and conditions.
18. Licensee shall indemnify, defend, and save harmless the State of Maryland, its officials, officers, and employees from and against any and all liability, suits, claims, and actions of whatever kind, caused by or arising from, the work this License authorizes.
19. The Board of Public Works or its Wetlands Administrator may modify, suspend, or revoke this License in its reasonable discretion.
20. This License expires September 2, 2023. If the authorized work is not completed by the expiration date, all activity must stop.  
Note: A three-year license may be renewed for one additional three-year term if the Licensee requests an extension before the expiration date and all other conditions are met.

A six-year license may not be renewed; instead Licensee must reapply to MDE for a new license. Contact the Board of Public Works to determine if this License may be extended.  
*Board of Public Works: 410-260-7791*

By the authority of the Board of Public Works:



Digitally signed by John  
T. Gontrum  
Date: 2020.09.11 16:08:42  
-04'00'

John T. Gontrum  
Executive Secretary

Effective Date: September 2, 2020  
Approved as: Secretary's Agenda Item 3  
Board of Public Works Meeting Date: September 2, 2020

**I accept this License and all its conditions.**

9-10-2020  
Date

Perry A. Otwell  
Licensee (Signature)

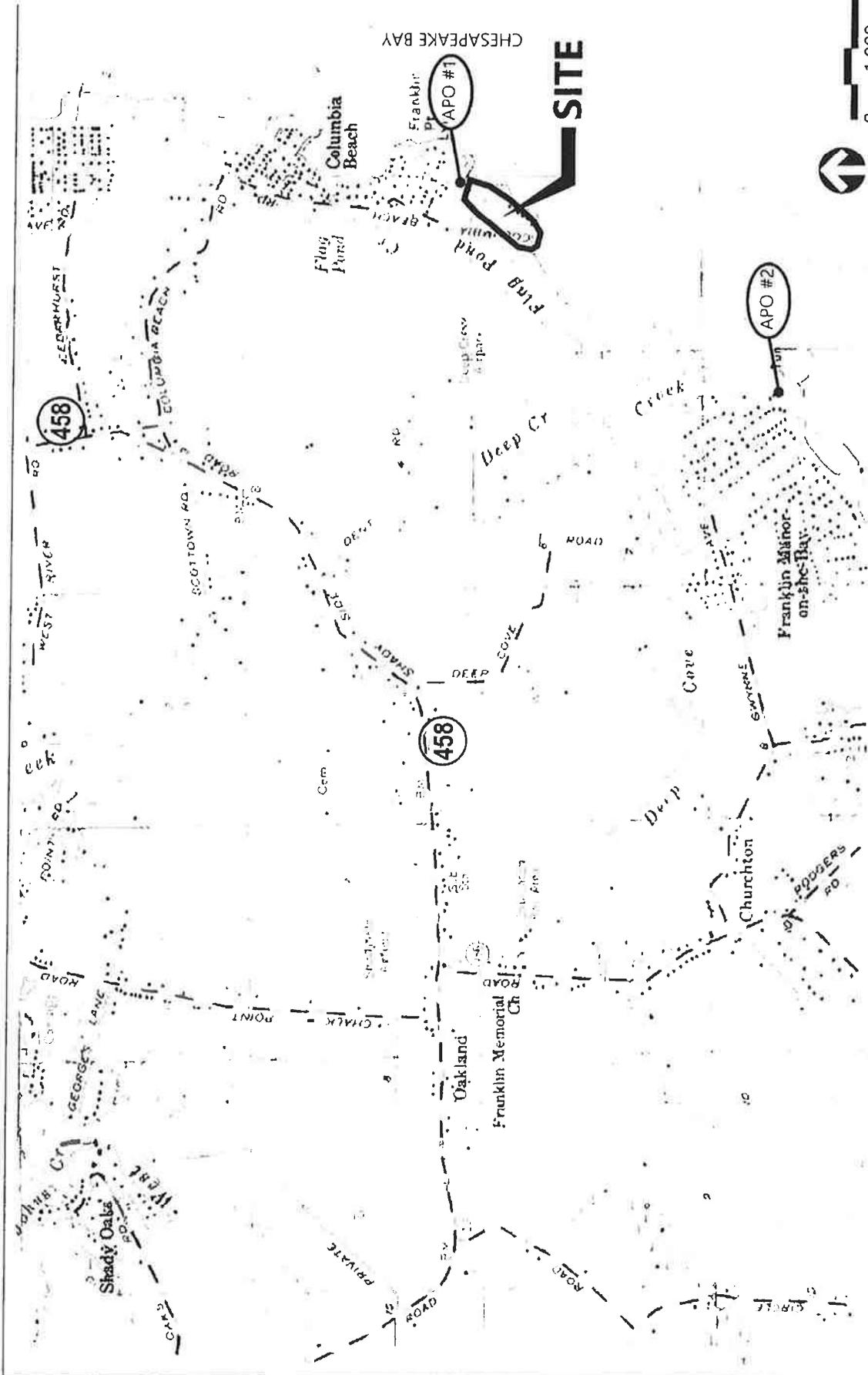
Perry A. Otwell  
Name (Printed)

Director, Engineering & Cons.  
Title

perry.otwell@maryland.gov  
Email (to receive completed license)



MDE #: 20-WL-0097  
 AI #: 166818  
 PLAN DATE: 3/5/20  
 SHEET 1 OF 8



<b>COASTLINE DESIGN, P.C.</b> P.O. BOX 157 ACHILLES, VIRGINIA 23001 (804) 642-2158		<b>ADJACENT PROPERTY OWNERS:</b> 1. WILLIAM THOMPSON 2. FRANKLIN MANOR CITIZENS ASSOCIATION DATUM: MEAN LOW WATER		<b>LIVING SHORELINE PROJECT AT FRANKLIN POINT STATE PARK</b> LOCATION MAP		<b>APPLICATION BY:</b> FRANKLIN POINT STATE PARK	
				<b>AT: SHADY SIDE ON THE CHESAPEAKE BAY</b>		<b>DATE: NOVEMBER, 2019</b>	
				<b>IN: ANNE ARUNDEL COUNTY, MARYLAND</b>		<b>PURPOSE: BEACH RESTORATION</b>	
						<b>SHEET 1 OF 7</b>	

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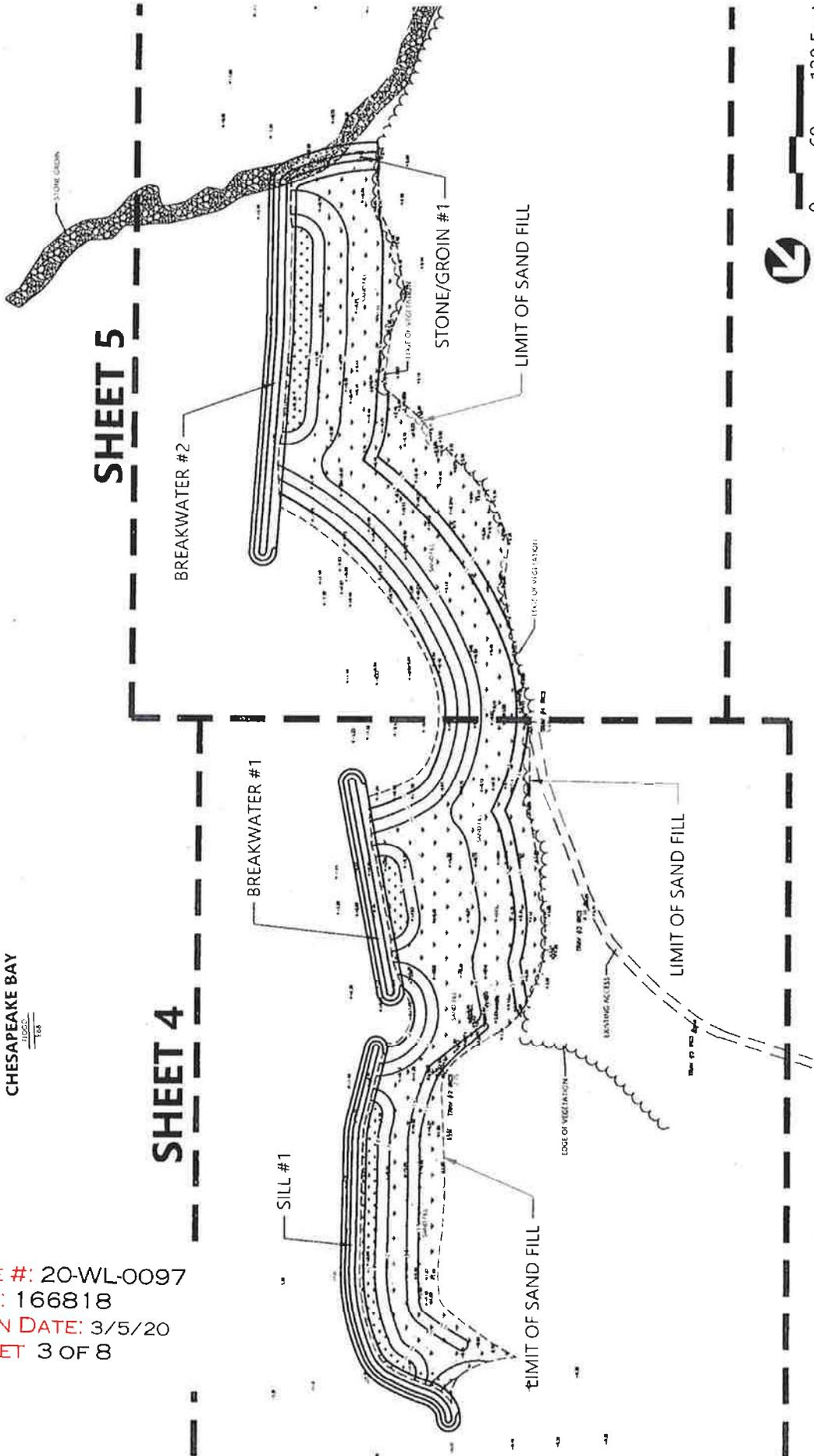


MDE #: 20-WL-0097  
 AI #: 166818  
 PLAN DATE: 3/5/20  
 SHEET 3 OF 8

CHESAPEAKE BAY  
LOCAL  
 TIDE

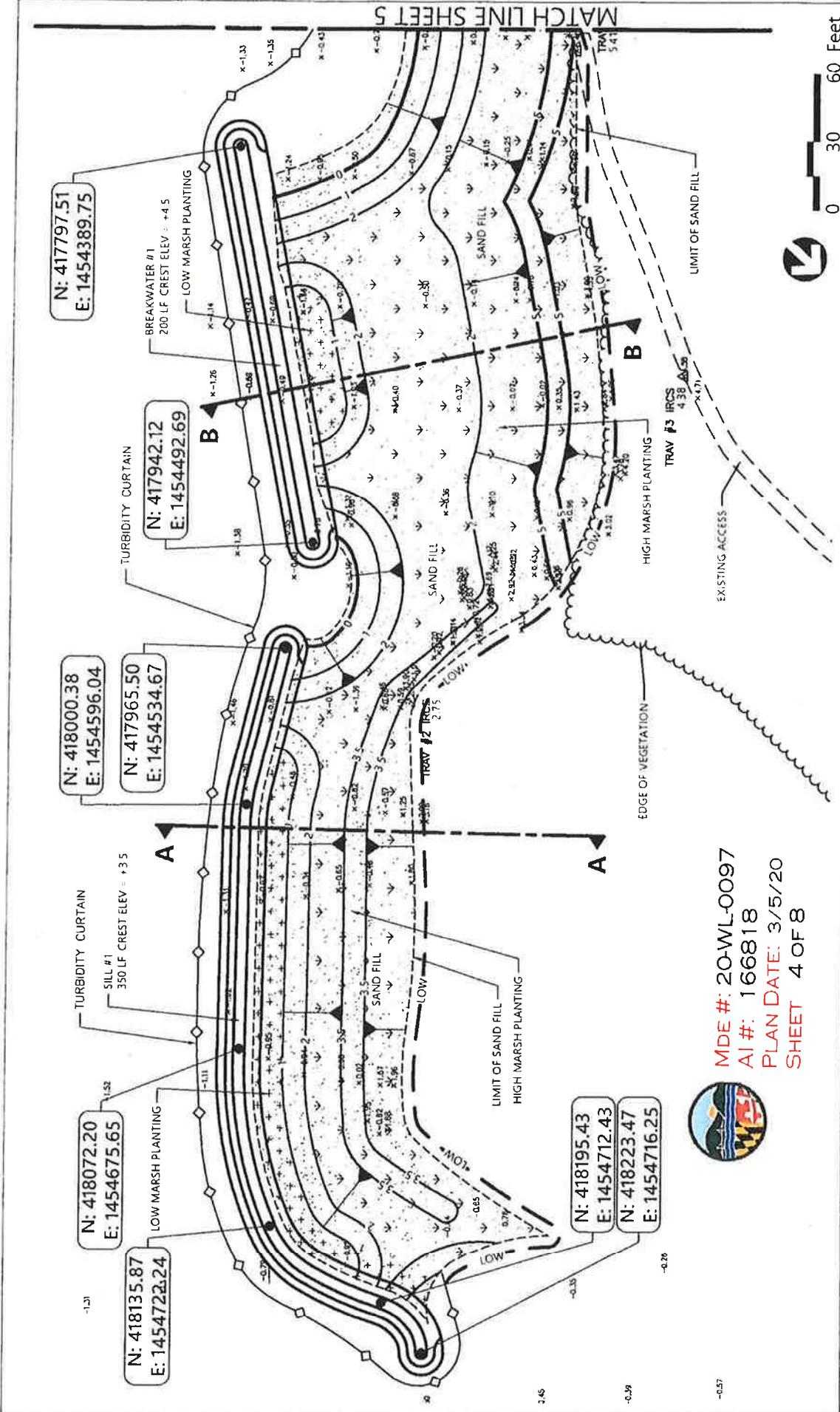
SHEET 5

SHEET 4



0 60 120 Feet

<b>COASTLINE DESIGN, P.C.</b> P.O. BOX 157 ACHILLES, VIRGINIA 23001 (804) 642-2158		<b>ADJACENT PROPERTY OWNERS:</b> 1. WILLIAM THOMPSON 2. FRANKLIN MARJOR CITIZENS ASSOCIATION		<b>LIVING SHORELINE PROJECT AT FRANKLIN POINT STATE PARK</b> PROPOSED OVERALL SHORELINE LAYOUT		<b>APPLICATION BY:</b> FRANKLIN POINT STATE PARK	
<b>DATUM:</b> MEAN LOW WATER		<b>AT:</b> SHADY SIDE ON THE CHESAPEAKE BAY		<b>PURPOSE:</b> BEACH RESTORATION		<b>DATE:</b> NOVEMBER, 2019	
		<b>IN:</b> ANNE ARUNDEL COUNTY, MARYLAND				<b>SHEET 3 OF 7</b>	



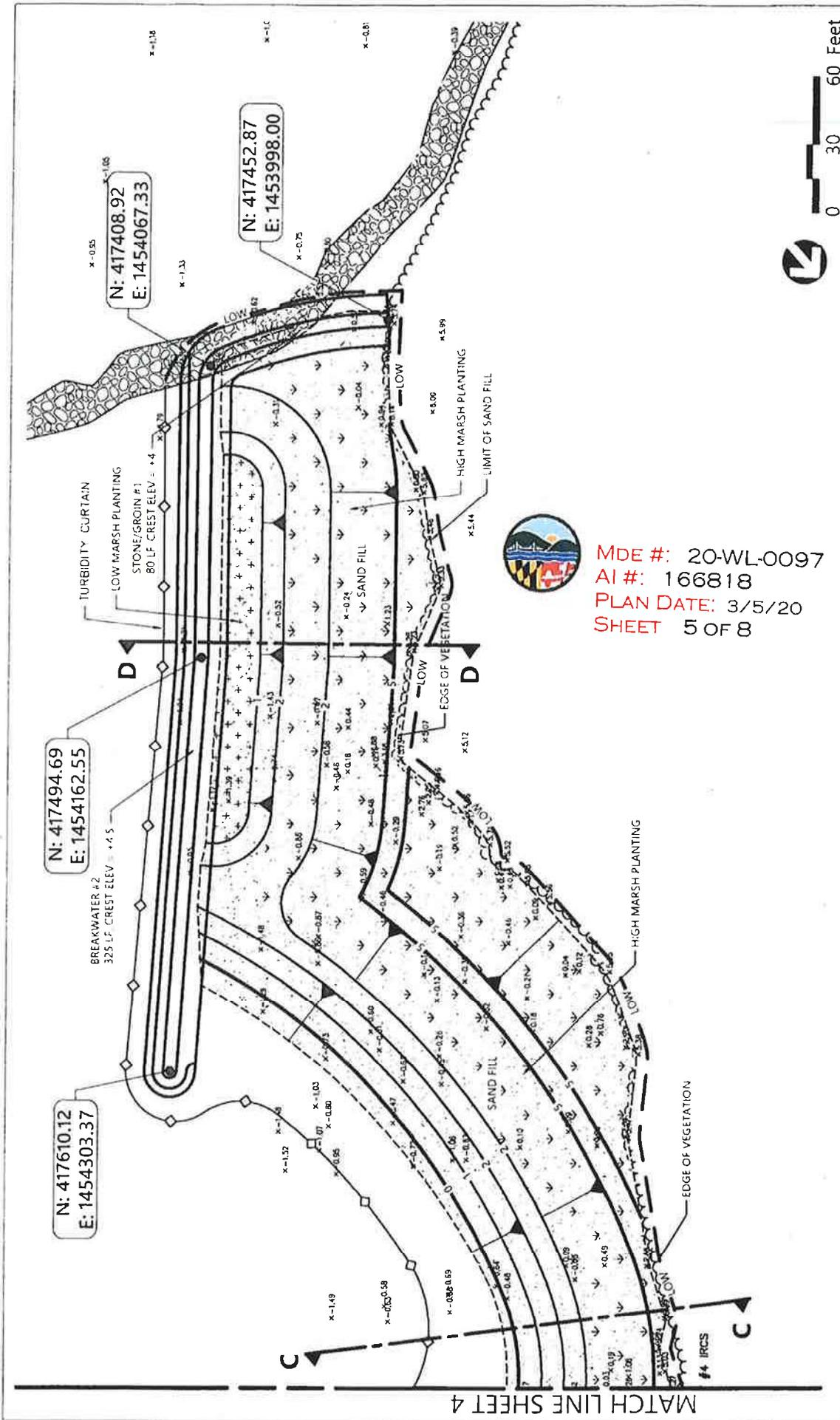
MATCH LINE SHEETS 5

MDE #: 20-WL-0097  
 AI #: 166818  
 PLAN DATE: 3/5/20  
 SHEET 4 OF 8



<b>COASTLINE DESIGN, P.C.</b> P.O. BOX 157 ACHILLES, VIRGINIA 23001 (804) 642-2158	<b>ADJACENT PROPERTY OWNERS:</b> 1. WILLIAM THOMPSON 2. FRANKLIN MANOR CITIZENS ASSOCIATION	<b>LIVING SHORELINE PROJECT AT FRANKLIN POINT STATE PARK</b> PROPOSED SHORELINE LAYOUT	<b>APPLICATION BY:</b> FRANKLIN POINT STATE PARK
	<b>DATUM:</b> MEAN LOW WATER	<b>AT:</b> SHADY SIDE ON THE CHESAPEAKE BAY <b>IN:</b> ANNE ARUNDEL COUNTY, MARYLAND	<b>PURPOSE:</b> BEACH RESTORATION

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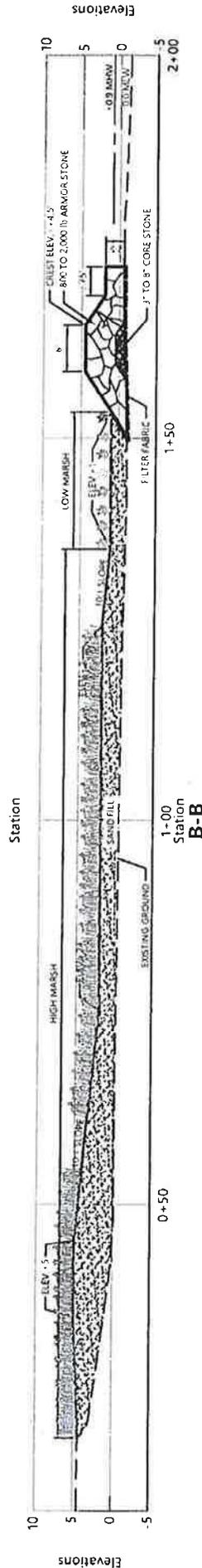
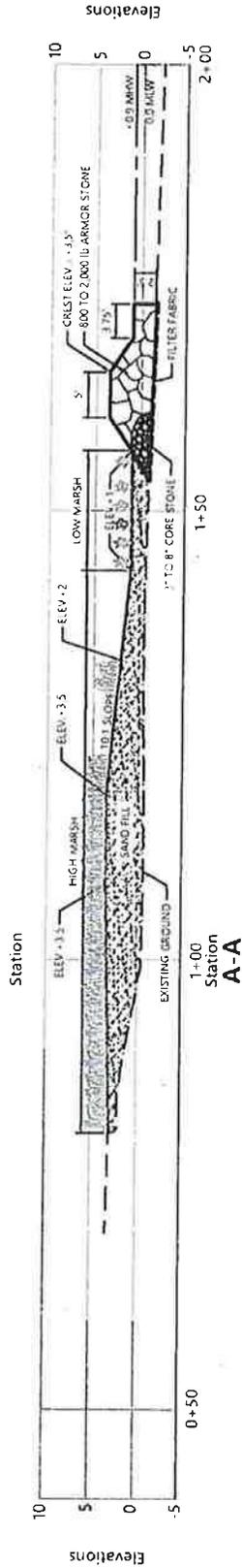


MDE #: 20-WL-0097  
 AI #: 166818  
 PLAN DATE: 3/5/20  
 SHEET 5 OF 8

<b>COASTLINE DESIGN, P.C.</b>		<b>ADJACENT PROPERTY OWNERS:</b>		<b>LIVING SHORELINE PROJECT AT FRANKLIN POINT STATE PARK</b>		<b>APPLICATION BY:</b>	
P.O. BOX 157 ACHILLES, VIRGINIA 23001 (804) 642-2158		1. WILLIAM THOMPSON 2. FRANKLIN MANOR CITIZENS ASSOCIATION		PROPOSED SHORELINE LAYOUT		FRANKLIN POINT STATE PARK	
DATUM: MEAN LOW WATER		AT: SHADY SIDE ON THE CHESAPEAKE BAY		PURPOSE: BEACH RESTORATION		DATE: NOVEMBER, 2019	
		IN: ANNE ARUNDEL COUNTY, MARYLAND				SHEET 5 OF 7	



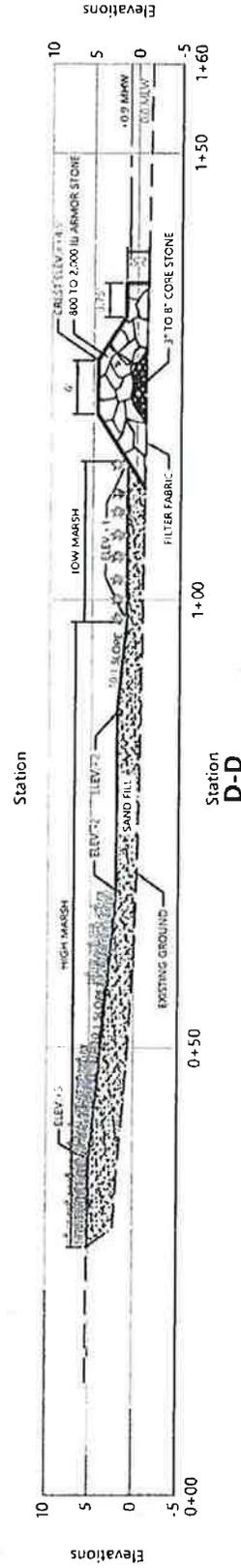
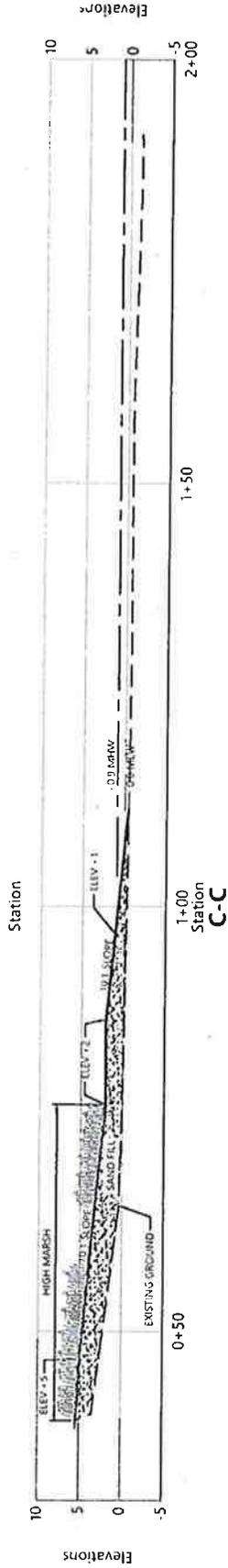
MDE #: 20-WL-0097  
 AI #: 166818  
 PLAN DATE: 3/5/20  
 SHEET 6 OF 8



<b>COASTLINE DESIGN, P.C.</b>  P.O. BOX 157 ACHILLES, VIRGINIA 23001 (804) 642-2158	<b>ADJACENT PROPERTY OWNERS:</b> 1. WILLIAM THOMPSON 2. FRANKLIN MANOR CITIZENS ASSOCIATION <b>DATUM:</b> MEAN LOW WATER		<b>LIVING SHORELINE PROJECT AT FRANKLIN POINT STATE PARK</b> SECTIONS A-A & B-B		<b>APPLICATION BY:</b> FRANKLIN POINT STATE PARK
	<b>AT:</b> SHADY SIDE ON THE CHESAPEAKE BAY <b>IN:</b> ANNE ARUNDEL COUNTY, MARYLAND		<b>PURPOSE:</b> BEACH RESTORATION		<b>DATE:</b> NOVEMBER, 2019 <b>SHEET 6 OF 7</b>



MDE #: 20-WL-0097  
 AI #: 166818  
 PLAN DATE: 3/5/20  
 SHEET 7 OF 8



<b>COASTLINE DESIGN, P.C.</b>  P.O. BOX 157 ACHILLES, VIRGINIA 23001 (804) 642-2158	<b>ADJACENT PROPERTY OWNERS:</b> 1. WILLIAM THOMPSON 2. FRANKLIN MANOR CITIZENS ASSOCIATION <b>DATUM:</b> MEAN LOW WATER	<b>LIVING SHORELINE PROJECT AT FRANKLIN POINT STATE PARK</b> SECTIONS C-C & D-D	<b>APPLICATION BY:</b> FRANKLIN POINT STATE PARK
	<b>AT: SHADY SIDE ON THE CHESAPEAKE BAY</b> <b>IN: ANNE ARUNDEL COUNTY, MARYLAND</b>	<b>PURPOSE: BEACH RESTORATION</b>	<b>DATE: NOVEMBER, 2019</b> <b>SHEET 7 OF 7</b>





**MARSH MAINTENANCE PLAN**

Agency Interest Number: 166818  
Tidal Wetlands License Number: 20 - WL - 0097  
Licensee Name: Maryland DNR, Maryland Park Service  
License Effective Date: September 2, 2020  
Address: 580 Taylor Ave., Ste E-3  
Annapolis, MD 21401

**\*Please sign and date this Marsh Maintenance Plan and return to the address below no later than**  
November 1, 2020 .\*

**Preparation:** All areas that are to be planted shall be cleaned of rough grass, weeds, and debris and the ground surface filled and graded to the elevations specified on the plans.

**Planting:** The living shoreline will be planted during the planting season for wetland sprigging which is between April 1 and June 30 or between September 1 and October 30. The mean high water (MHW) lines will be marked on the ground and the plantings shall be made in rows parallel to the MHW line extending to the limits on the construction plans. Rows shall be 18 inches apart and plants 18 inches apart. Plantings shall be made by hand with dibble, spade or shovel by opening a hole at the planting site, placing the fertilizer and then the plant in the hole, closing the hole and firming the soil around the plant so that the surface soil level is .5 to 1 inch above the top of the planting pot root mass. If the soil at the planting site is not wet or damp, the plants shall be sufficiently watered within 4 hours after planting.

**Protection:** Immediately upon completion of the planting operation, the planting area shall be protected against wildlife and human traffic by erecting goose exclusion fencing and Blaze Orange Fence (BOF) at the top of the slope and along the sides of the planted area.

**Plant Establishment:** A healthy stand of wetland vegetation is defined as 85% aerial coverage of the original planted area by native wetland vegetation (e.g., planted species and volunteer native species). A healthy stand of wetland vegetation shall be established within 1 year of planting and shall be maintained for at least 3 consecutive years thereafter. The licensee is responsible for making sure the planted area is maintained by eradicating non-native nuisance species (e.g., Phragmites), and protecting areas from human traffic and wildlife predators. If a healthy stand of wetland vegetation is not established within one year after planting, the limiting factors will be identified and addressed and the area will be replanted as necessary.

**Marsh Monitoring Reports:** Brief, annual Marsh Monitoring Reports will be submitted to the address below for 5 years by the dates below, *regardless of the whether or not the project is completed or a healthy stand of wetland vegetation is obtained.* The Marsh Monitoring Report may be brief and should include the following information, at a minimum:

- State Agency Interest number, Tidal Wetlands License number, and site address (listed above)
- Date of inspections
- Project completion date. If the project has not yet been completed, please indicate the current status of the project and disregard the remaining requirements.
- Estimation of percent plant coverage by the dominant species.  
*This should show the percent coverage of native and non-native wetland plant species. If 85% coverage by native species is not obtained, please indicate the limiting factors to plant growth, and what steps will be taken to meet the 85% coverage requirement.*
- Identification of factors limiting establishment or maintenance of a healthy stand of wetland vegetation and identify the maintenance activities necessary to mitigate the resulting stress. *For example, if non-native, invasive species (such as Phragmites) have emerged and begun to crowd out the planted or volunteer native species, the invasive species should be physically removed or chemically controlled. If geese are predated the plants, goose exclusion fence should be erected.*
- Photographs showing the current condition of the project

This 5-year monitoring period may be extended at MDE's discretion in the event replacement plantings are required.

**The annual Marsh Monitoring Report should be submitted to the address below on or before the following dates:**

1-Year Report: September 2, 2021  
2-Year Report: September 3, 2022  
3-Year Report: September 3, 2023  
4-Year Report: September 2, 2024  
5-Year Report: September 2, 2025

ACCEPTANCE OF MARSH MAINTENANCE PLAN

The applicant acknowledges that he/she has read and understands this Marsh Maintenance Plan and agrees to submit annual Marsh Monitoring Reports on or before the above due dates.

  
Signature of Licensee

9-10-2020  
Date

PLEASE SIGN, DATE AND RETURN THIS COPY OF THE MARSH MAINTENANCE PLAN TO:

MARYLAND DEPARTMENT OF THE ENVIRONMENT  
WATER AND SCIENCE ADMINISTRATION  
WETLANDS AND WATERWAYS PROGRAM  
**TIDAL WETLANDS DIVISION**  
(Signed Marsh Maintenance Plan) C/O Melissa McCanna  
(Annual Marsh Monitoring Reports) C/O Tidal Wetlands Division  
1800 WASHINGTON BLVD.  
BALTIMORE, MD 21230-1708  
(or via e-mail to [TidalMMP.mde@maryland.gov](mailto:TidalMMP.mde@maryland.gov))