



William Morgante, PWS
Wetlands Administrator

State of Maryland
Board of Public Works
Wetlands Administration

80 Calvert Street, Room 117, Annapolis, Maryland 21401
410-260-7791

Larry Hogan
Governor

Nancy K. Kopp
Treasurer

Peter Franchot
Comptroller

John T. Gontrum, Esq.
Executive Secretary

WETLANDS LICENSE NO. 20-0497

COUNTY COMMISSIONERS OF WORCESTER COUNTY

The Maryland Board of Public Works authorizes you to:

- I Place approximately 70 feet of stone revetment to extend a maximum of 10 feet channelward of the mean high water line;*
- II Fill, grade, and plant marsh vegetation along 1,100 linear feet shoreline; fill with approximately 5,381 cubic yards of sand, plant 52,930 square feet of marsh vegetation including *Spartina alterniflora* and *Spartina patens* planted 18" on center; all extending a maximum of 105 feet channelward of the mean high water line;*
- III Construct an 180-foot long by 18-foot wide stone sill, a 90-foot long by 18-foot wide stone sill, a 110-foot long by 18-foot wide stone sill, a 70-foot long by 21-foot wide stone sill, a 120-foot long by 21-foot wide stone breakwater, a 95-foot long by 21-foot wide stone breakwater, two (2) 130-foot long by 21-foot wide stone breakwaters, and a 75-foot long by 21-foot wide stone breakwater;*
- IV All activities extend a maximum of 105 feet channelward of the mean high water line.*

*Isle of Wight Bay, at the terminus of Selsy Road, West Ocean City,
Worcester 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. The licensee shall use clean substrate material, no more than 10% of which shall pass through a standard number 100 sieve unless otherwise instructed by the Maryland Department of the Environment, Water and Science Administration, Tidal Wetland Division.

- B. The marsh establishment area shall be planted within one year following completion of the filling operation.
- C. The marsh establishment area 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, the license shall use a turbidity curtain around the perimeter of the instream work.
- E. If the existing bank is to be cleared or graded, the licensee shall obtain any required approvals of an erosion and sediment control plan from the applicable erosion and sediment control agency.
- F. The Licensee shall accept the terms of the attached marsh maintenance plan by signing and returning the standard plan to the Water and Science Administration, Tidal Wetlands Division prior to commencement of any work authorized under this License. If the Licensee wishes to propose an alternative marsh maintenance plan, the alternative plan must be submitted to and approved by the Tidal Wetlands Division, Water and Science Administration, prior to commencement of any work authorized under this License. Any alternative plan must provide assurances of success that are at least equivalent to those of the standard plan, in terms of the extent of native marsh plant coverage, elimination of invasive species and timeframe for plant establishment.
- G. The tidal inlet shall be maintained slightly below the mean high water level to insure proper tidal exchange.
- H. The Licensee shall obtain a Pesticide General Permit from MDE by contacting the Industrial Discharge Permits Division at 410-537-3323 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 chemical products.
- I. All *Phragmites* removed shall be transported to an approved disposal site.

**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 February, 2021, 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 March 24, 2024. 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:

John T. Gontrum
Executive Secretary

Effective Date: March 24, 2021
Approved as: Secretary's Agenda Item 4
Board of Public Works Meeting Date: March 24, 2021

I accept this License and all its conditions.

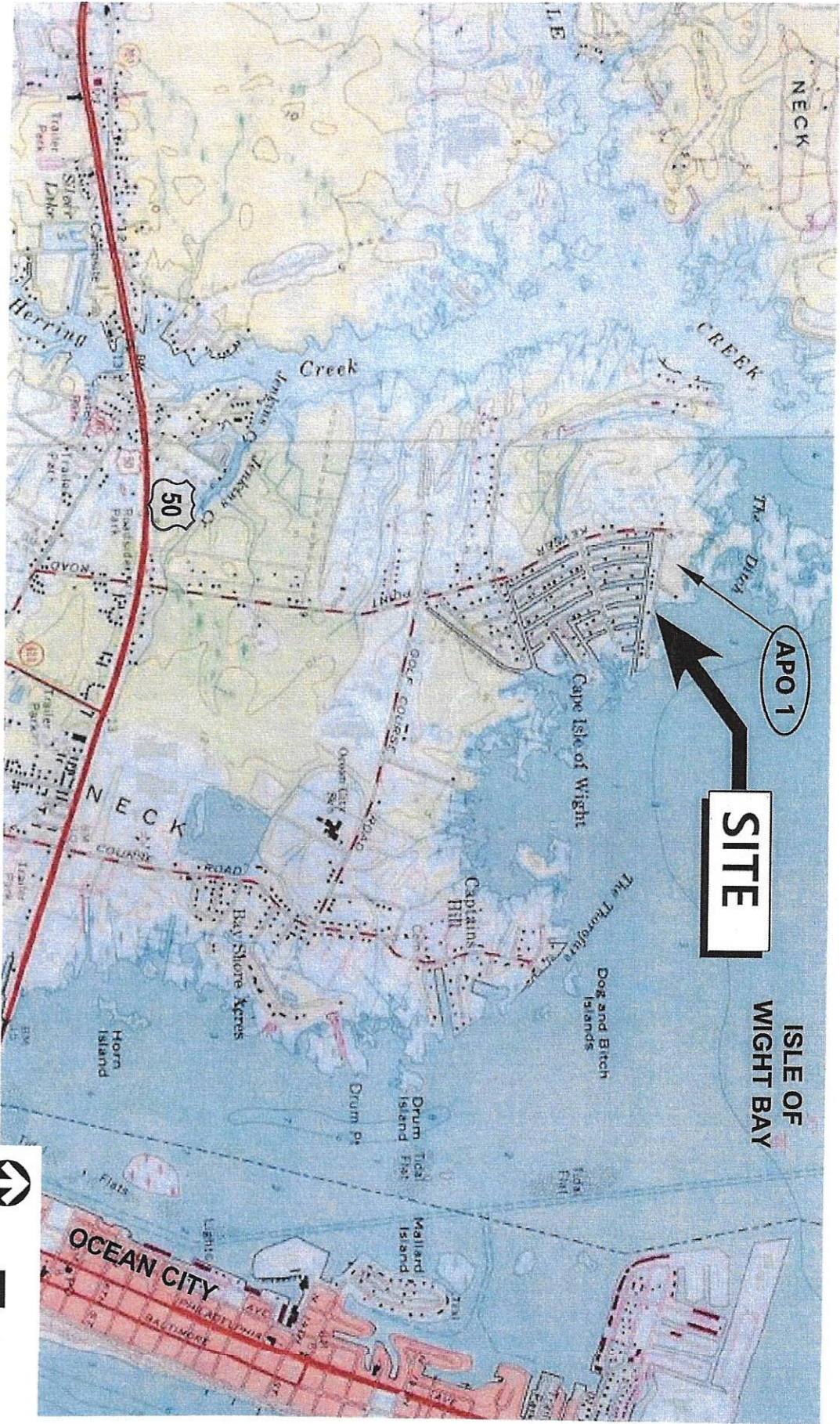
3/31/21
Date

Harold L. Higgins
Licensee (Signature)

HAROLD L. HIGGINS
Name (Printed)

CHIEF ADMINISTRATIVE OFFICER
Title

hhiggins @ co.worcester.ma.us
Email (to receive completed license)



20-04-049
 2020 60202
 AEA
 168422

COASTLINE DESIGN P.C.

P.O. BOX 157
 ACHILLES, VIRGINIA 23001
 (804) 642-2158

ADJACENT PROPERTY OWNERS:
 1. MITCHELL & NANCY PARKER

DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road

LOCATION MAP

AT: ISLE OF WIGHT BAY
 IN: WORCESTER COUNTY, MARYLAND

PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

DATE: FEBRUARY, 2021

SHEET 1 OF 9

APO 1



20-WL-044r
 20206080;
 ALH
 168426

COASTLINE DESIGN, P.C.

P.O. BOX 157
 ACHILLES, VIRGINIA 23001
 (804) 642-2158

ADJACENT PROPERTY OWNERS:
 1. MITCHELL & NANCY PARKER

DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road
 EXISTING CONDITIONS

AT: ISLE OF WIGHT BAY
 IN: WORCESTER COUNTY, MARYLAND

PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

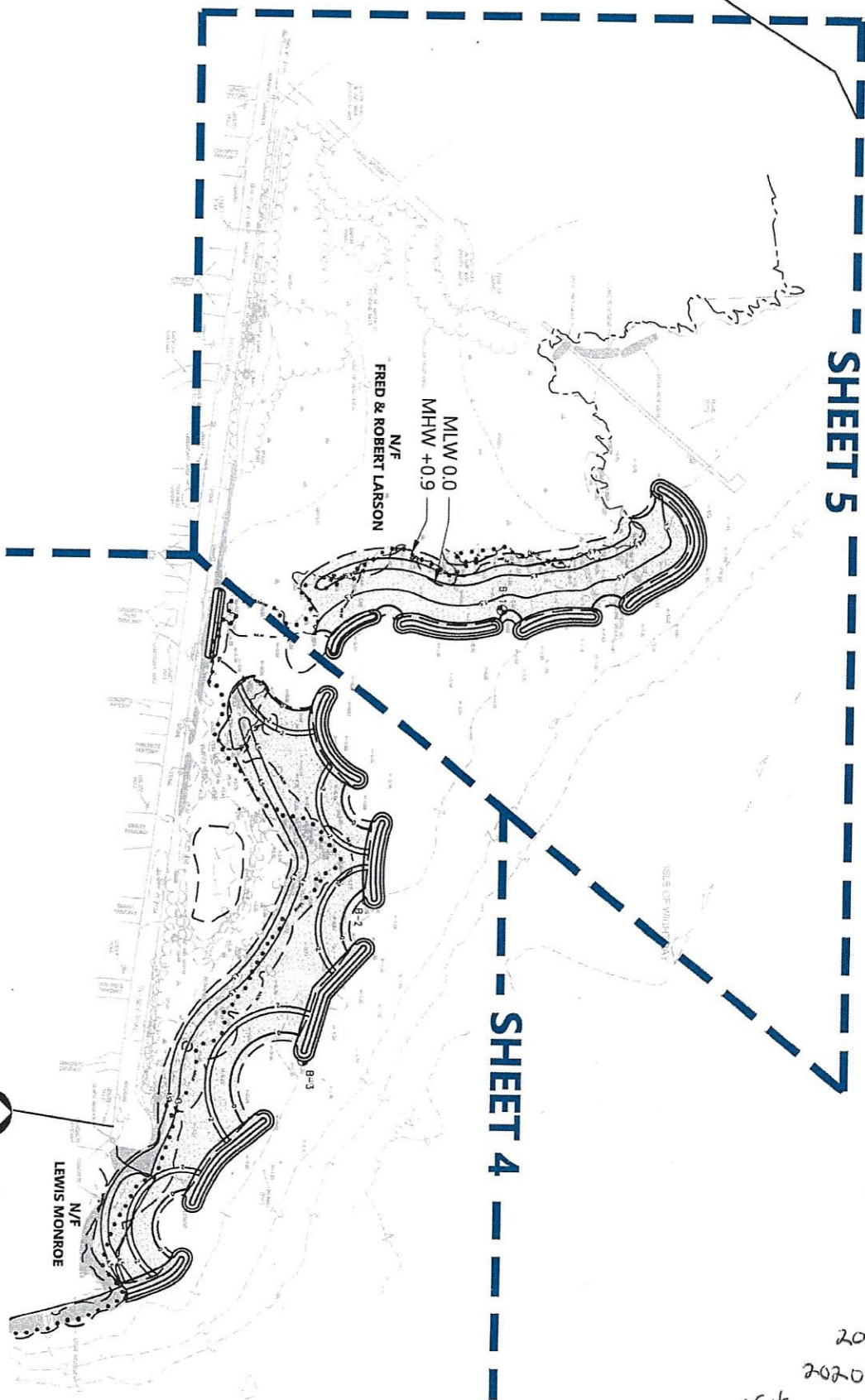
DATE: FEBRUARY, 2021

SHEET 2 OF 9

APO 1

SHEET 5

SHEET 4



20-21-0497
 202060802
 2/24/21

COASTLINE DESIGN, P.C.

P.O. BOX 157
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 (804) 642-2158

ADJACENT PROPERTY OWNERS:
 1. MITCHELL & NANCY PARKER

DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road
 OVERALL LAYOUT

AT: ISLE OF WIGHT BAY

IN: WORCESTER COUNTY, MARYLAND

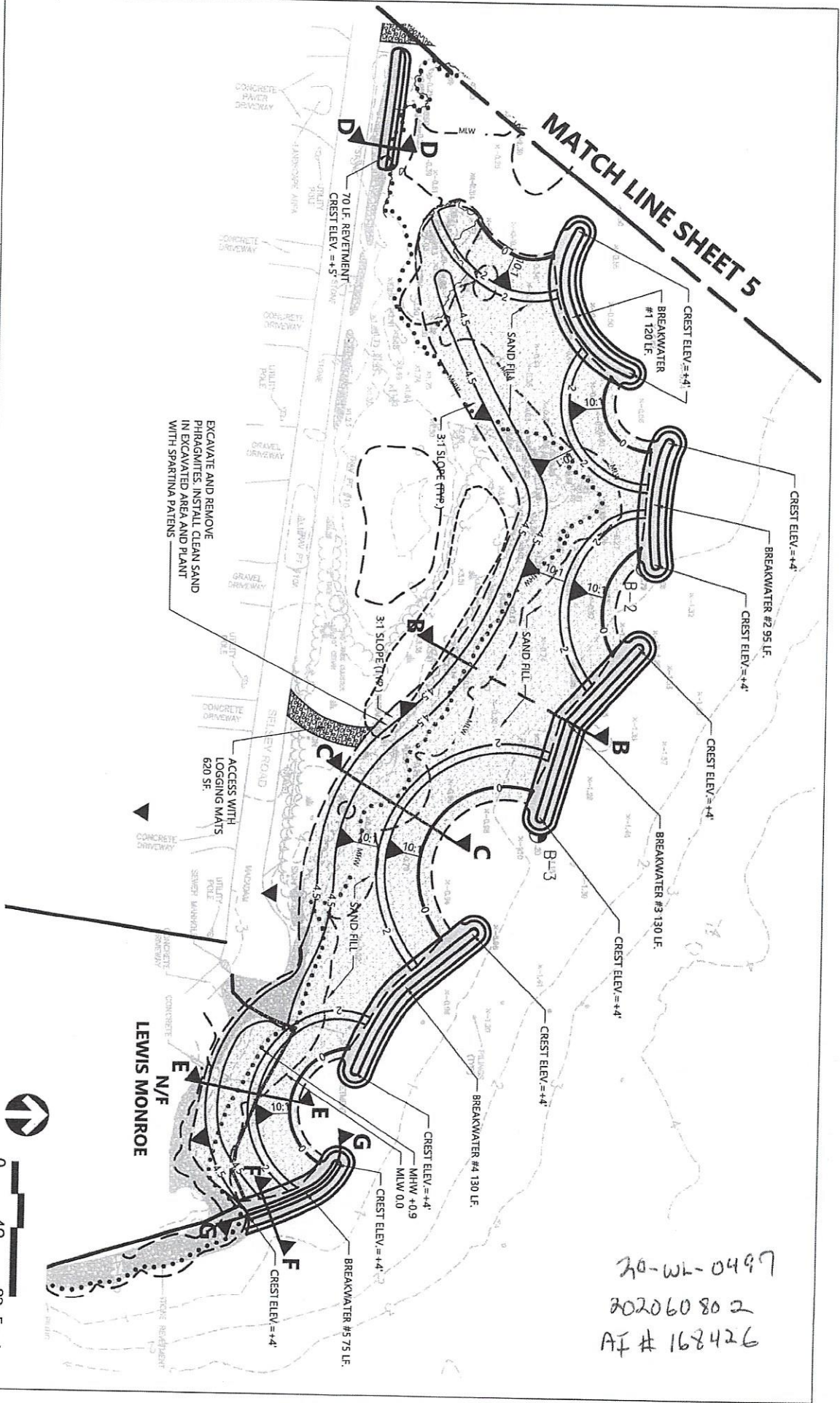
PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

DATE: FEBRUARY, 2021

SHEET 3 OF 9

MATCH LINE SHEET 5



20-WL-0497
 202060802
 AT # 168426

COASTLINE DESIGN, P.C.

P.O. BOX 157
 ACHILLES, VIRGINIA 23001
 (804) 642-2158

ADJACENT PROPERTY OWNERS:
 1. MITCHELL & NANCY PARKER

DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road
PROPOSED SHORELINE LAYOUT

AT: ISLE OF WIGHT BAY
 IN: WORCESTER COUNTY, MARYLAND

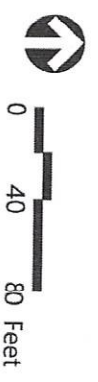
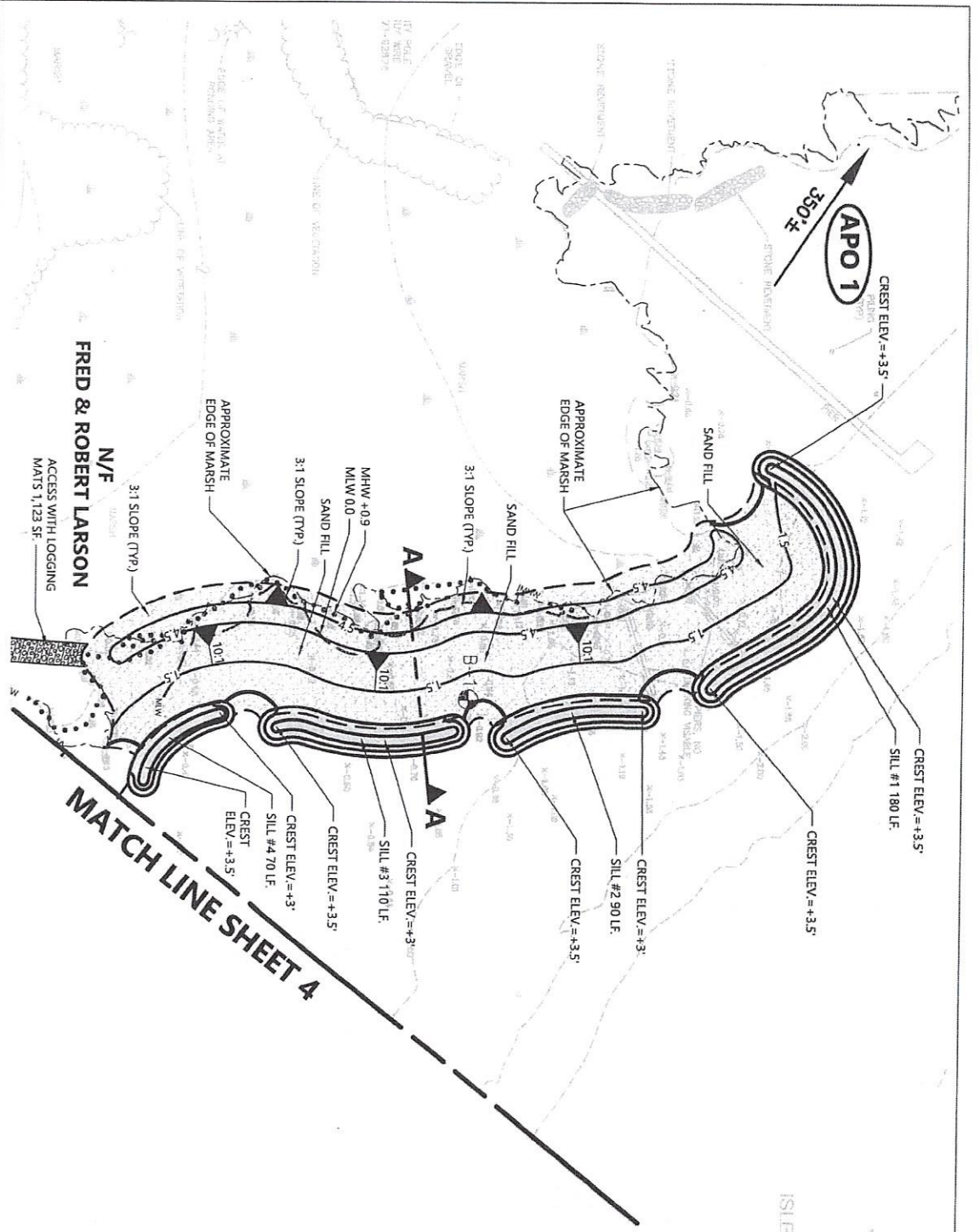
PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

DATE: FEBRUARY, 2021

SHEET 4 OF 9

20-01-0147
 20200802
 AT # 108426



COASTLINE DESIGN, P.C.
 P.O. BOX 157
 ACHILLES, VIRGINIA 23001
 (804) 642-2158

ADJACENT PROPERTY OWNERS:
 1. MITCHELL & NANCY PARKER
 N/F
 FRED & ROBERT LARSON
 ACCESS WITH LOGGING MATS 1,123 SF.

Coastal Resiliency & Living Shoreline Project at Selsey Road
 PROPOSED SHORELINE LAYOUT

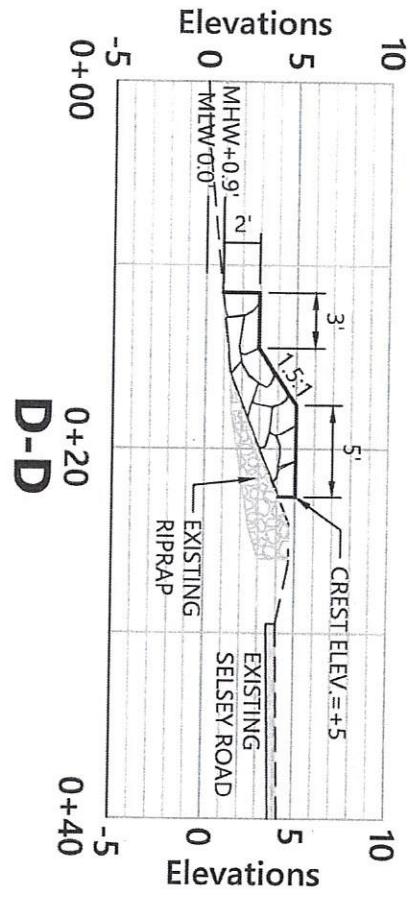
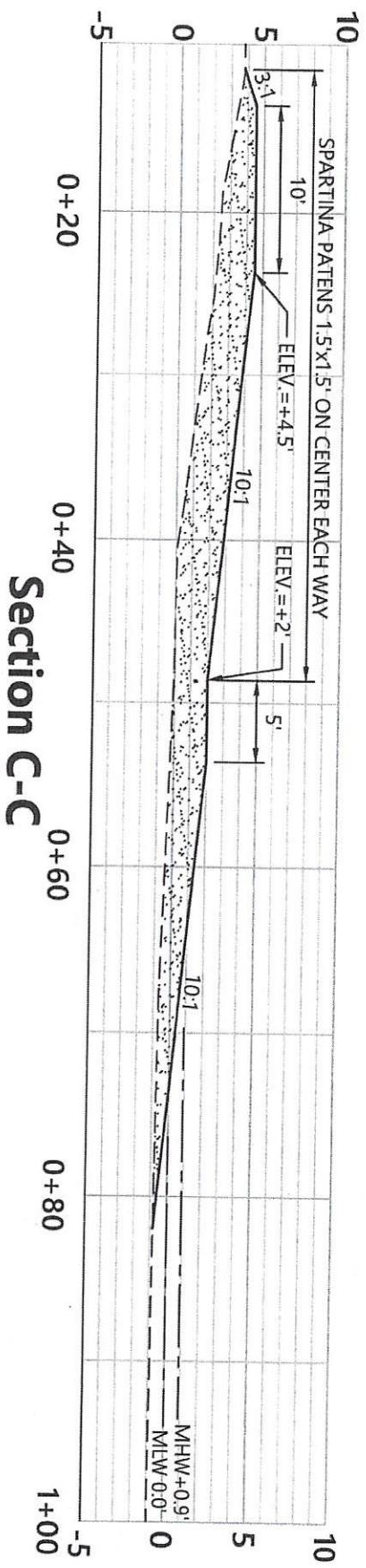
APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

DATUM: MEAN LOW WATER

AT: ISLE OF WIGHT BAY
IN: WORCESTER COUNTY, MARYLAND

PURPOSE: MARSH AND BEACH RESTORATION

DATE: FEBRUARY, 2021
SHEET 5 OF 9



20-WL-0497
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ADJACENT PROPERTY OWNERS:
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DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road

SECTION C-C & D-D

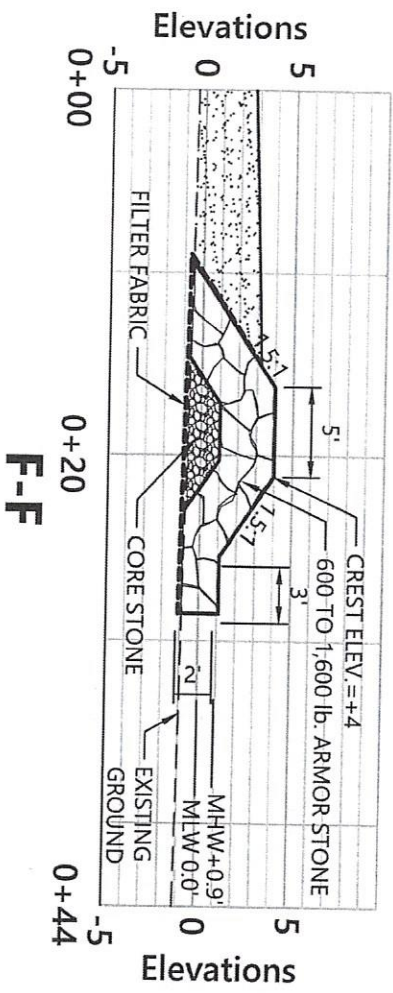
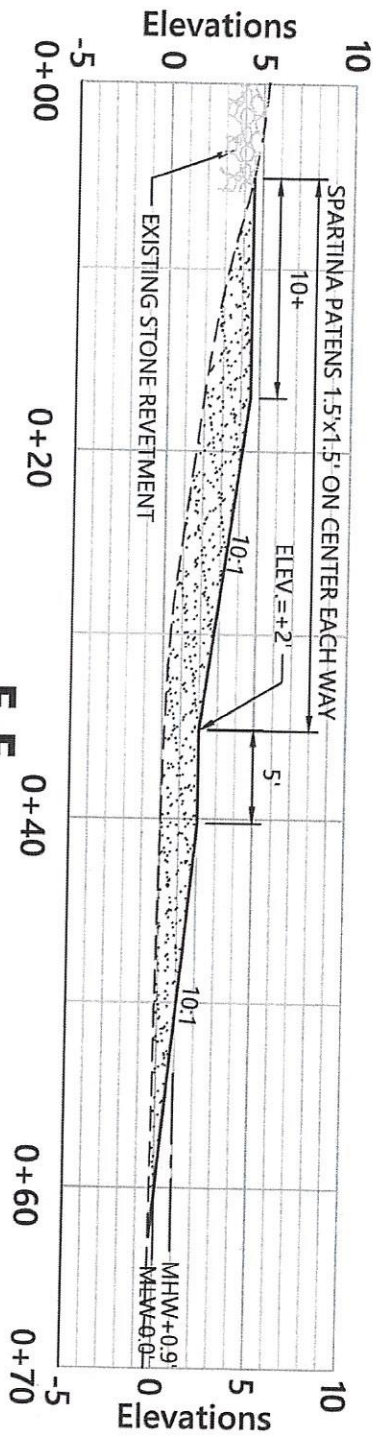
AT: ISLE OF WIGHT BAY
 IN: WORCESTER COUNTY, MARYLAND

PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

DATE: FEBRUARY, 2021

SHEET 7 OF 9



20-26-0497
202060802
AF4 168426

COASTLINE DESIGN, P.C.

P.O. BOX 157
ACHILLES, VIRGINIA 23001
(804) 642-2158

ADJACENT PROPERTY OWNERS:
1. MITCHELL & NANCY PARKER

DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road

SECTION E-E & F-F

AT: ISLE OF WIGHT BAY

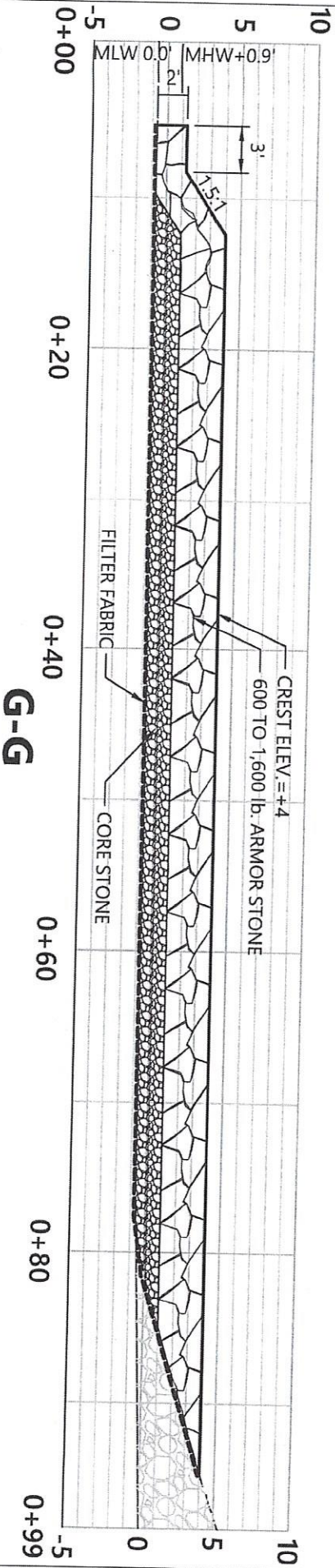
IN: WORCESTER COUNTY, MARYLAND

PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
LARSON
MONROE
WORCESTER COUNTY

DATE: FEBRUARY, 2021

SHEET 8 OF 9



20-WL-0497
 202060802
 AF#168426



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DATUM: MEAN LOW WATER

Coastal Resiliency & Living Shoreline Project at Selsey Road

SECTION G-G

AT: ISLE OF WIGHT BAY
 IN: WORCESTER COUNTY, MARYLAND

PURPOSE: MARSH AND BEACH RESTORATION

APPLICATION BY:
 LARSON
 MONROE
 WORCESTER COUNTY

DATE: FEBRUARY, 2021

SHEET 9 OF 9