



STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION
WATER QUALITY CERTIFICATION
26-WQC-0010



EFFECTIVE DATE: **July 15, 2026**

CERTIFICATION HOLDER: **Raymond Sedwick
3317 Old Cedar Point Rd
Edgewater, MD 21037**

PROJECT LOCATION: **3317 Old Cedar Point Rd
Edgewater, MD 21037
Anne Arundel County**

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 MARYLAND DEPARTMENT OF THE ENVIRONMENT (DEPARTMENT) HAS DETERMINED THAT THE REGULATED ACTIVITY DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR Raymond Sedwick Shoreline Erosion Control Project ASSOCIATED WITH U.S. ARMY CORPS OF ENGINEERS (CORPS) AUTHORIZATION NAB 2025-61721, WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS CERTIFICATION.

THIS CERTIFICATION IS HEREBY GRANTED WITH CONDITIONS. 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. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

PROJECT DESCRIPTION

Tracking Number: 202561721

Agency Interest Number: 75802

Construct four low profile stone, sand containment structures extending a maximum of 105 feet channelward of the mean high water line; and fill and grade with 2,067 cubic yards of sand along 500 feet of eroding shoreline and plant with approximately 23,003 square feet of marsh vegetation.

This Water Quality Certification (Certification) is issued under authority of Section 401 of the Federal Water Pollution Control Act and its Amendments, Title 9, Subtitle 3 of the Environment Article, and Code of Maryland Regulations (COMAR) 26.08.02.10. The Department has determined from a review of the request application file that the project activities described in the above will not violate Maryland's water quality

standards, provided that the following conditions are satisfied. The Department satisfied statutory and regulatory public notice requirements by placing this WQC on Public Notice from June 15, 2026 to July 15, 2026 on the Department's Public Notice webpage (and advertising in the Capital on June 15, 2026).

SPECIAL CONDITIONS

1. All Critical Area requirements shall be followed and all necessary authorizations from the Critical Area Commission ("Commission") shall be obtained. This Certificate 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.
2. All work performed under this Water Quality Certificate 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. Licensing by MCLB shall occur prior to the beginning of construction activities. 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.
3. The issuance of this Certificate is not a validation or authorization by the Department for any of the existing structures depicted on the plan sheets on the subject property that is not part of the authorized work description, nor does it relieve the Certificate Holder of the obligation to resolve any existing noncompliant structures and activities within tidal wetlands.
4. The Certificate Holder shall construct the marsh establishment area in accordance with the following conditions:
 - a. The Certificate Holder 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. Certificate Holder shall use a turbidity curtain around the perimeter of the instream work.
 - e. If the existing bank is to be cleared or graded:
 - i. The Certificate Holder shall perform all work under and in accordance with an approved Soil Erosion and Sediment Control Plan from the applicable sediment and erosion control agency; and

- ii. The Certificate Holder 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.
5. The Certificate Holder shall follow the requirements of the marsh maintenance plan as required by Wetlands License 25-WL-1094 and any subsequent modifications.
6. The Licensee shall not perform any water dependent construction from November 15th through March 1st of any year to protect wintering waterfowl. The proposed project site is located in a Historic Waterfowl Concentration Area.

GENERAL CONDITIONS

1. The Certification Holder shall comply with all water quality-related performance standards and conditions required by the Department or the Board of Public Works (BPW) in any state issued authorization for activities in tidal wetlands, nontidal wetlands, their 100-year floodplains, nontidal wetlands buffers, or nontidal wetland expanded buffers, to ensure that any discharges will not result in a failure to comply with water quality standards in COMAR 26.08.02 or any other water quality requirements of state law or regulation.
2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.
3. The Certification Holder shall obtain and comply with all additional authorizations or approvals, including self-certifying General Permits issued by the Department.
4. The Project shall be constructed and activities conducted in accordance with the final plan approved by the Department or BPW (or if Department or BPW approval is not required, then in accordance with the plan approved by the Corps), and its approved revisions (Approved Plan).
5. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.
6. The Certification Holder shall allow authorized representatives of the Department access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.
7. Structures and activities may not interfere with movement of aquatic life, fish, and other wildlife nor cause their entanglement.
8. The Certification Holder may not conduct activities which result in the introduction of non-native species with adverse effects on the aquatic ecosystem into waters or wetlands.
9. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands. All fill and construction materials not used in the project shall be removed and disposed of in a manner approved by the Department which will prevent their entry into waters of this State.

10. Temporary construction trailers or structures, staging areas and stockpiles may not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, nontidal wetland expanded buffers, or the 100-year floodplain unless specifically included on the Approved Plan.
11. The Certification Holder shall adhere to the construction time of year restrictions, unless waived or amended by the Department or BPW, as identified in a state authorization.
12. The Certification Holder shall obtain and comply with an erosion and sediment control plan approved by the appropriate authority (if applicable), including following the stabilization requirements set forth in COMAR 26.17.01.07 and “2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control,” as may be amended for activities which result in an earth disturbance subject to the requirements in Annotated Code of Maryland, Environment Article, Title 4 and COMAR 26.17.01.
13. The disturbance of the bottom of the waterway and sediment transport into adjacent State waters shall be minimized.
14. The Certification Holder shall notify the Compliance Program at mde.wsacompliance@maryland.gov a minimum of 2 weeks prior to commencement of regulated activities and discharges.
15. The Certification Holder shall notify the Water and Science Administration, Wetlands and Waterways Protection Program, 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 Certification to his/her name.
16. The Certification Holder shall ensure that a copy of this Certification, including the Approved Plans, is available at the site until the authorized work is complete.
17. This Certification is valid for the project identified herein and the associated Corps authorization NAB 2025-61721 until such time that the Corps authorization expires or is not administratively extended.

STATEMENTS OF NECESSITY AND CITATIONS

1. Statement of Necessity for General Conditions 1, 2, 3, 4, and 10, and Special Conditions 1 and 3: These conditions are necessary to ensure that water quality standards are met, and designated uses are maintained.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24

2. Statement of Necessity for General Condition 5: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article,

Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

3. Statement of Necessity for General Condition 6: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained. These conditions are necessary to ensure that the activity was conducted, and project completed according to terms of the authorization/certification, while allowing for review of in-field modifications which may have resulted in discharges to ensure that water quality standards were met. Designated uses include support of estuarine and marine aquatic life and shellfish harvesting and for growth and propagation of fish, other aquatic life, and wildlife.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

4. Statement of Necessity for General Condition 7: Movement of aquatic life and passage of flows is essential for growth and propagation of aquatic life, fish, and other wildlife to meet these designated uses.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08;; COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(2) - B(8); 26.08.02.03B(1)(b); 26.08.02.03B(2)(e); COMAR 26.17.01; COMAR 26.23.02.06A; COMAR 26.23; COMAR 26.17.04

5. Statement of Necessity for General Condition 8: Nuisance or non-native species may spread and disrupt and dislodge native species from their habitat, leading to declines in distribution, density, growth and propagation. This may result in failure to support native species; and growth, propagation of fish, other aquatic life, and wildlife. Limitations on loss will sustain habitat for a variety of aquatic species. The conditions ensure that discharges will not result in failure to support designated uses.

Citations: COMAR 26.08; COMAR 26.08.02.02.B(1)(d); COMAR 26.08.02.02B(2)(a); COMAR 26.08.02.02B(3)(b); COMAR 26.08.02B(4))(a); COMAR 26.08.02.02B(5); COMAR 26.08.02.02B(6)(a); COMAR 26.08.02.02B(7); COMAR 26.08.02.02B(8)(a); COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2)(e); COMAR 26.23.02.06A; COMAR 26.23; COMAR 26.17.04

6. Statement of Necessity for General Conditions 9, 10, and 12: Fill or construction material within or adjacent to regulated resources may cause discharges resulting in turbidity in excess of water quality standards and interfere with designated uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citations: 26.08.02.03B(1)-B(2); COMAR 26.08.02.03-3; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

7. Statement of Necessity for General Condition 11: The growth and propagation of fish, other aquatic life, and wildlife and support of estuarine and marine aquatic life and shellfish harvesting are dependent upon certain times during the year and specific environmental conditions. The condition is necessary to

ensure that activities are restricted during the critical growth, propagation, movement, and harvesting periods to ensure that designated uses will be met.

Citations: Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(2)(a); COMAR 26.08.02.02B(3); COMAR 26.08.02.02B(4)(a); COMAR 26.08.02.02B(5); COMAR 26.08.02.02B(6)(a); COMAR 26.08.02.02B(7); COMAR 26.08.02.02B(8)(a); COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2)(e)

8. Statement of Necessity for General Condition 13: Restrictions on instream construction are necessary to protect designated uses for propagation and growth of fish, other aquatic life, and wildlife and comply with numeric water quality standards for turbidity and clarity.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03-3.D; COMAR 26.23.02.06; COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(2)(a); COMAR 26.08.02.02B(3); COMAR 26.08.02.02B(4)(a); COMAR 26.08.02.02B(5); COMAR 26.08.02.02B(6)(a); COMAR 26.08.02.02B(7); COMAR 26.08.02.02B(8)(a); COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2)(e); COMAR 26.08.02.03-3.

9. Statement of Necessity for General Condition 14: The condition is necessary to ensure that Compliance personnel are aware of when discharges are taking place so that an inspection can be undertaken to ensure that water quality standards are met.

Citation: MD Env Code § 1-301 (2019)

10. Statement of Necessity for General Condition 15: In order to ensure that water quality standards will be met and conditions followed, a responsible party must be identified for accountability if needed. A change in ownership or other responsibility must be indicated as the new Certification Holder.

Citations: COMAR 26.08.02.10E(2)

11. Statement of Necessity for General Condition 16: This condition ensures that the Certification Holder and persons conducting work have the certification on the site for referral so that approved discharges will not result in violations of water quality standards.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.24; COMAR 26.08.02.01E(2); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23;

12. Statement of Necessity for General Condition 17: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9;

Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

13. Statement of Necessity for Special Condition 2: Expertise for conducting certain activities is required to ensure that there is no violation of water quality standards nor interference with designated uses. This condition is necessary to ensure that discharges will be conducted in a manner which does not violate water quality criteria nor interfere with designated uses.

Citations: COMAR 26.08.02.02B(2)- B(4); COMAR 26.08 02.03B(2)(d)-(e); COMAR 26.08.02.03B(1)(b); 26.08.02.03B(2); COMAR 23.02.04.04

14. Statement of Necessity for Special Conditions 4, 5: Stabilization of the site with vegetation is required to ensure that waters continue to meet designated uses. Loss of substrate fill material may result in discharges which reduce water quality and interfere with designated uses, including the support of estuarine and marine aquatic life, and the protection of shellfish harvesting, shallow water submerged aquatic vegetation, and migratory fish spawning and nurseries in tidal wetlands. Loss limits will maintain the designated use.

Citations: 1) COMAR 26.08.02.02.B.(3) 2) COMAR 26.08.02.03-3.C.(2)d.(5); 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.24

15. Statement of Necessity for Special Condition 6: A time of year restriction is necessary to maintain the designated use for support of estuarine and marine aquatic life and shellfish harvesting.

Citations: Federal and state laws which authorize this condition include but are not limited to: COMAR: 26.08.02.02B(1)(d); 26.08.02.02B(3); COMAR 26.08.02.02-16.

CERTIFICATION APPROVED

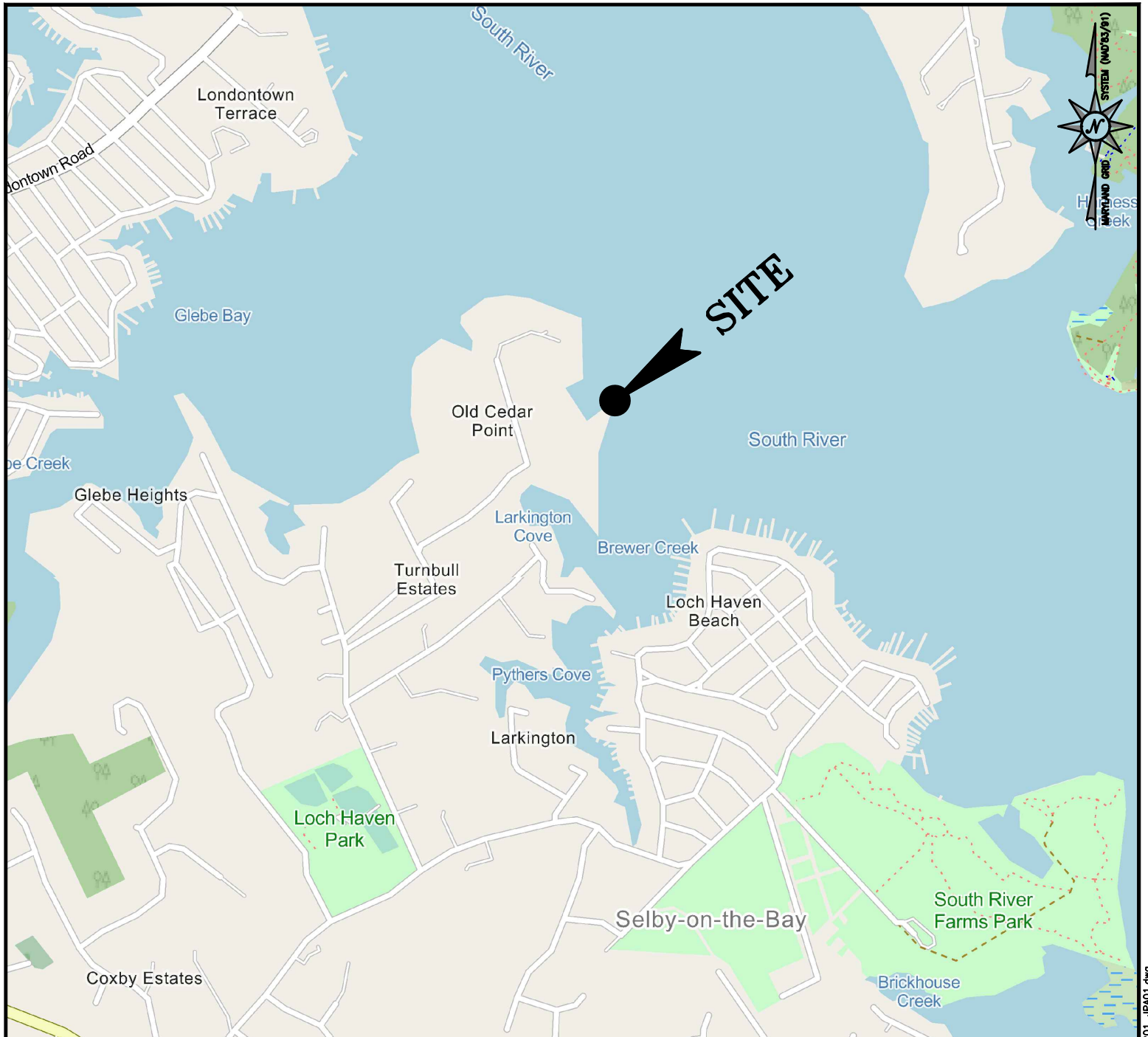
Tammy K. Roberson for

Tammy K. Roberson for (Aug 4, 2026 14:08:39 EDT)

Heather L. Nelson, Program Manager
Wetlands and Waterways Protection Program
Water and Science Administration

Effective Date: July 15, 2026

cc: WSA Inspection & Compliance Program
U.S. Army Corps of Engineers



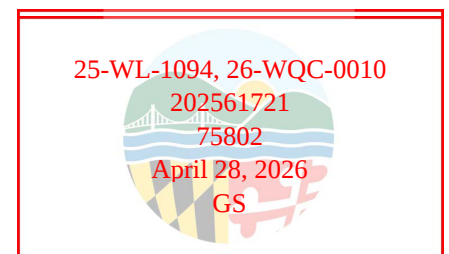
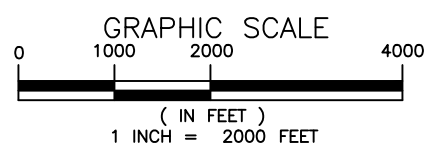
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**OLD CEDAR POINT RD SHORELINE
STABILIZATION
AT
3317 OLD CEDAR POINT RD
ANNE ARUNDEL COUNTY, MD**

APPL. BY: RAYMOND SEDWICK

VICINITY MAP

DATE: APRIL 2026 SHEET 1 OF 8

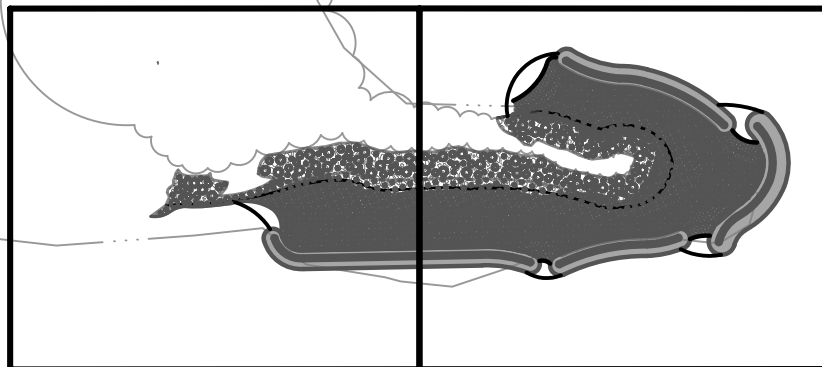


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SHEETS 4 & 6

SHEETS 3 & 5

SOUTH RIVER

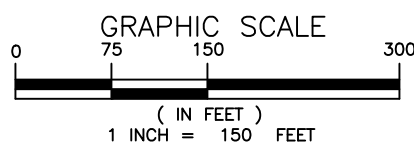
OLD CEDAR POINT RD SHORELINE
STABILIZATION
AT
3317 OLD CEDAR POINT RD
ANNE ARUNDEL COUNTY, MD

APPL. BY: RAYMOND SEDWICK

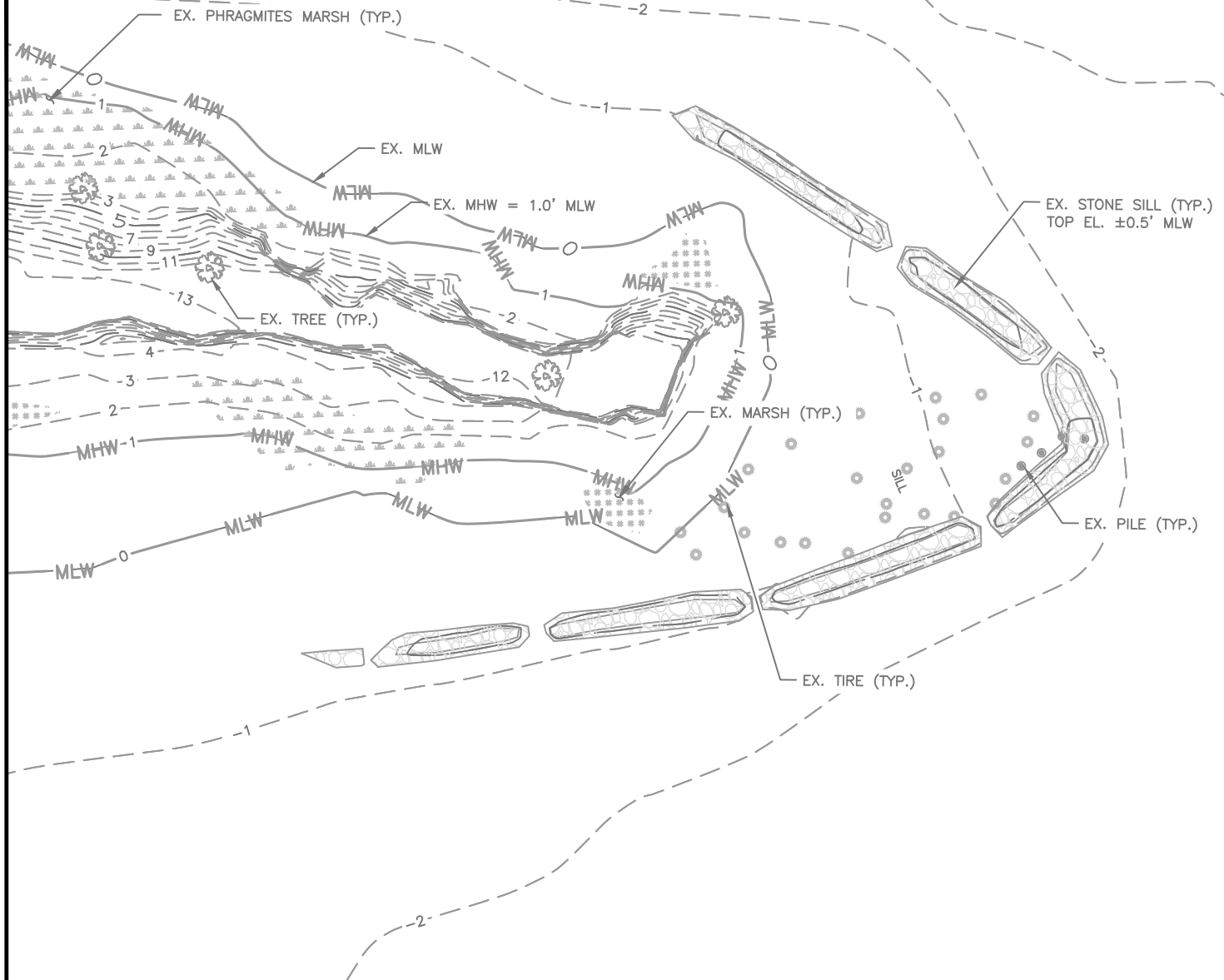
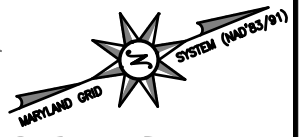
KEY SHEET

DATE: APRIL 2026 SHEET 2 OF 8

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April 28, 2026
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LEGEND



EX. MARSH



EX. PHRAGMITES MARSH

OLD CEDAR POINT RD SHORELINE
STABILIZATION
AT
3317 OLD CEDAR POINT RD
ANNE ARUNDEL COUNTY, MD

APPL. BY: RAYMOND SEDWICK

EXISTING CONDITIONS

DATE: APRIL 2026 SHEET 3 OF 8

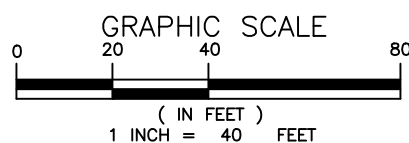
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April 28, 2026

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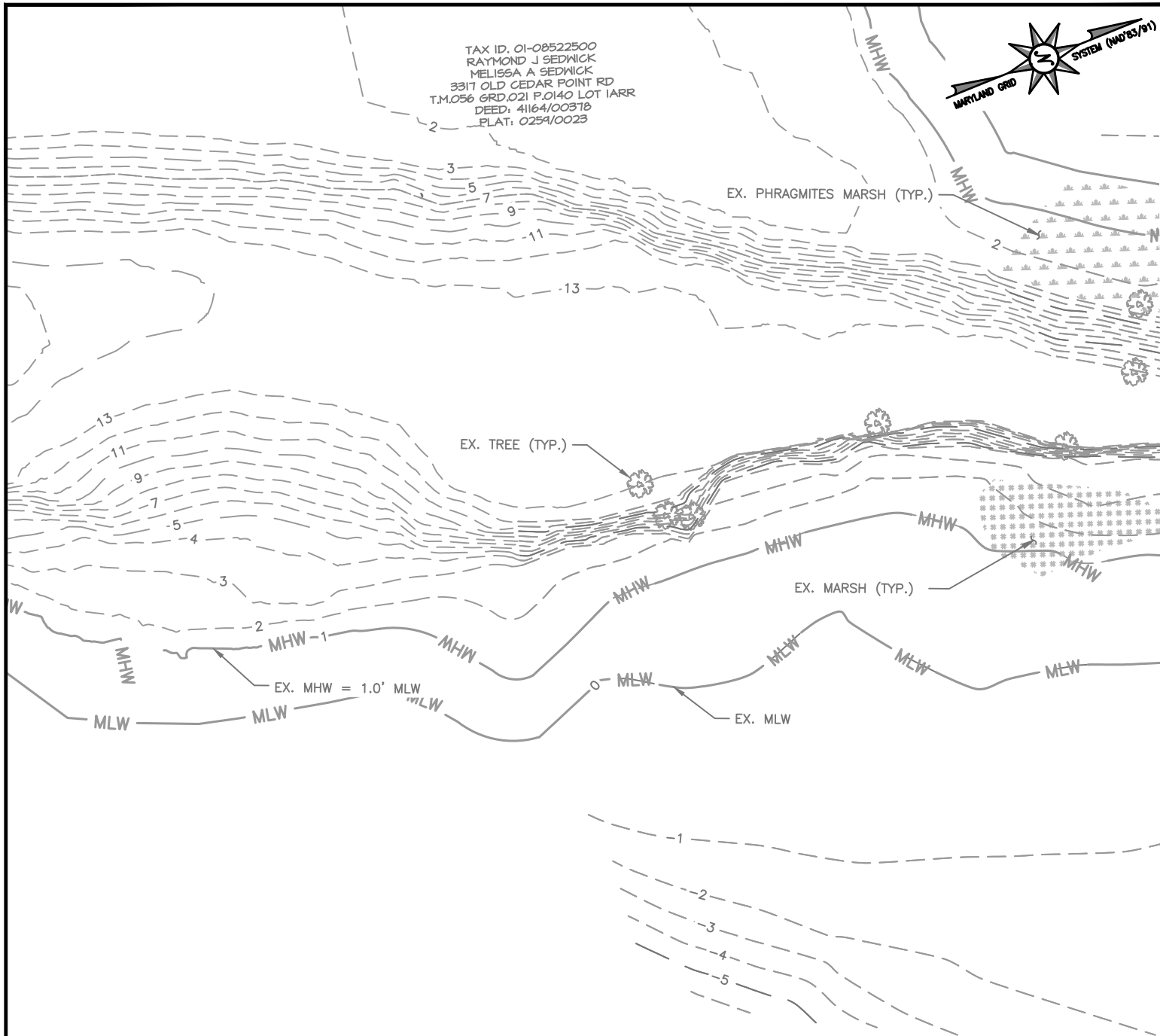


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TAX ID: 01-08522500
RAYMOND J SEDWICK
MELISSA A SEDWICK
3317 OLD CEDAR POINT RD
T.M.056 GRD.021 P.0140 LOT IARR
DEED: 41164/00318
PLAT: 0254/0023



LEGEND



EX. MARSH



EX. PHRAGMITES
MARSH

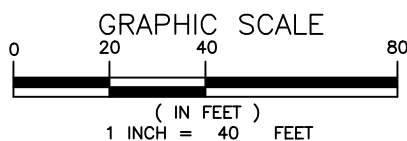
OLD CEDAR POINT RD SHORELINE
STABILIZATION
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ANNE ARUNDEL COUNTY, MD

APPL. BY: RAYMOND SEDWICK

EXISTING CONDITIONS

DATE: APRIL 2026 SHEET 4 OF 8

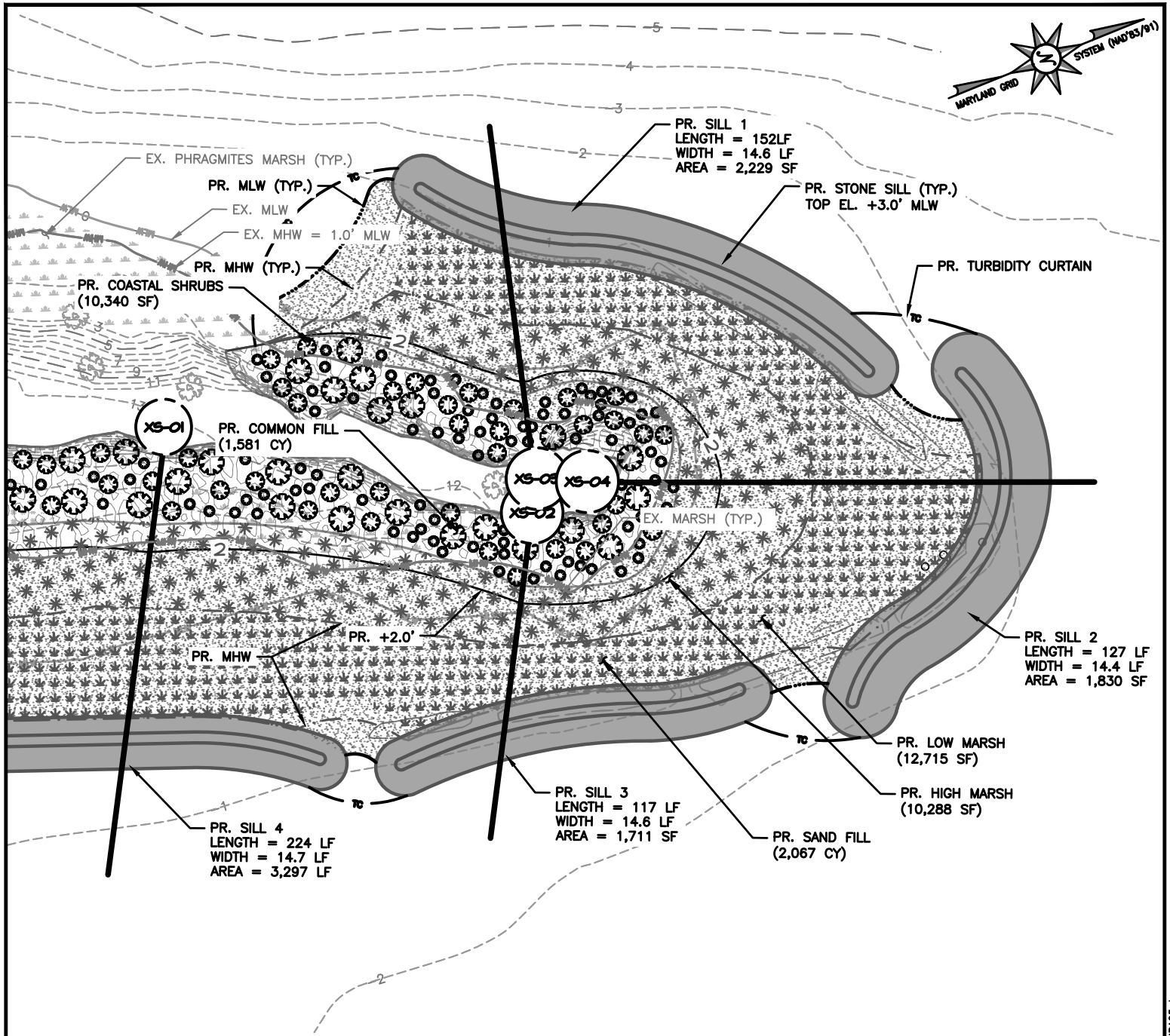
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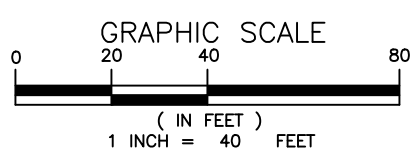
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	PR. SAND		PR. LOW MARSH
	PR. COASTAL SHRUBS		PR. STONE SILLS
	PR. HIGH MARSH		

OLD CEDAR POINT RD SHORELINE
STABILIZATION
AT
3317 OLD CEDAR POINT RD
ANNE ARUNDEL COUNTY, MD

APPL. BY: RAYMOND SEDWICK

SITE PLAN

DATE: APRIL 2026 SHEET 5 OF 8



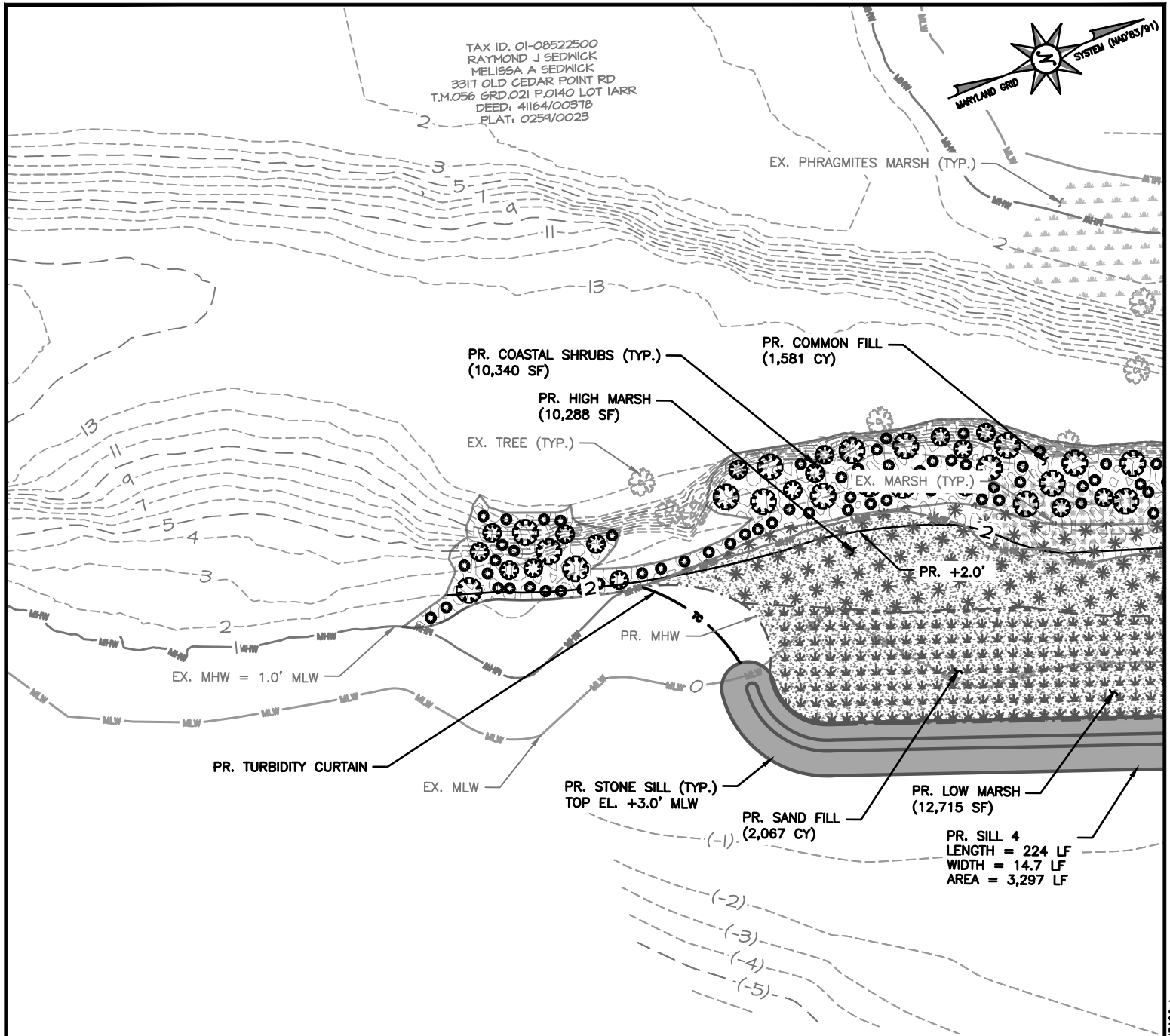
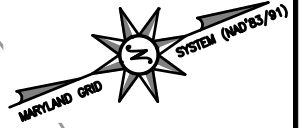
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 RAYMOND J SEDWICK
 MELISSA A SEDWICK
 3317 OLD CEDAR POINT RD
 T.M.056 GRD.021 P.0140 LOT 1ARR
 DEED: 41164/00378
 PLAT: 0254/0023



LEGEND

	EX. MARSH		EX. PHRAGMITES MARSH
	PR. SAND		PR. LOW MARSH
	PR. COASTAL SHRUBS		PR. STONE SILLS
	PR. HIGH MARSH		

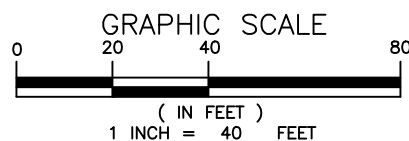
OLD CEDAR POINT RD SHORELINE STABILIZATION AT

3317 OLD CEDAR POINT RD
 ANNE ARUNDEL COUNTY, MD

APPL. BY: RAYMOND SEDWICK

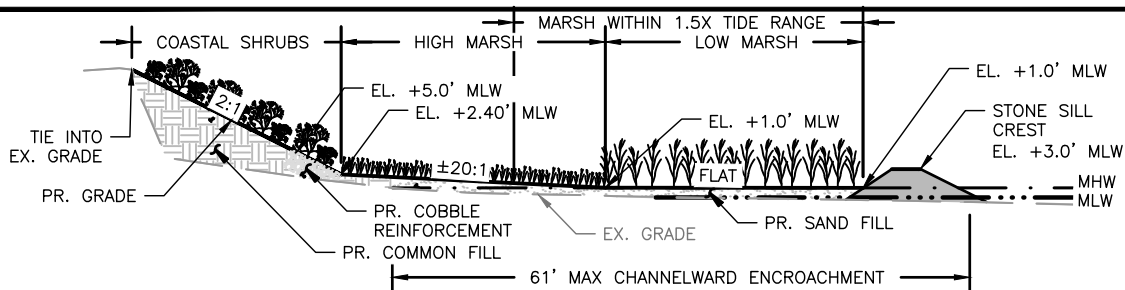
SITE PLAN

DATE: APRIL 2026 SHEET 6 OF 8

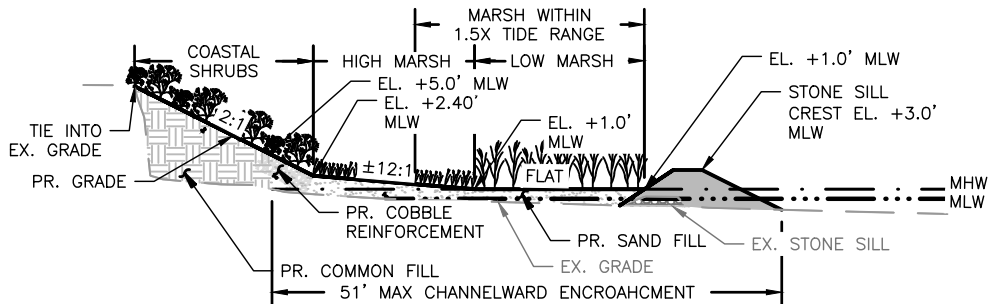


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 April 28, 2026
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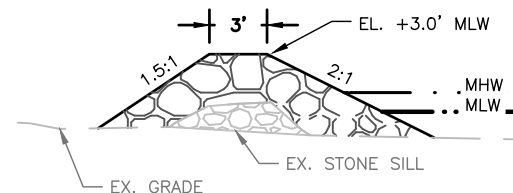
Bayland
 Consultants & Designers, Inc.
 "Integrating Engineering and Environment"
 7455 New Ridge Road, Suite 1 Phone: (410) 694-9401
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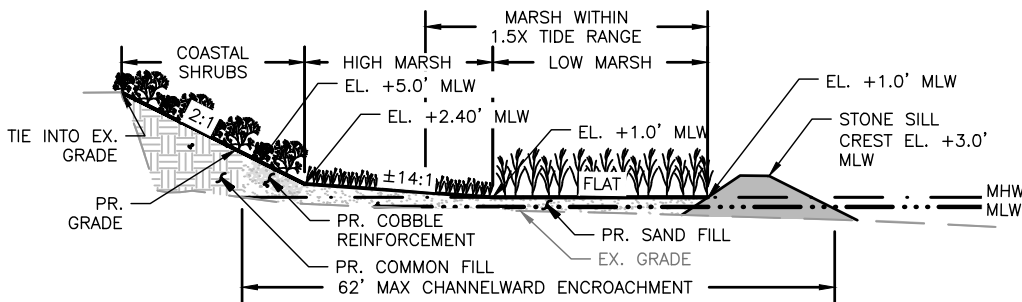
SECTION XS-01 SCALE: 1" = 20'



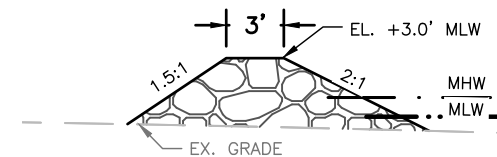
SECTION XS-02 SCALE: 1" = 20'



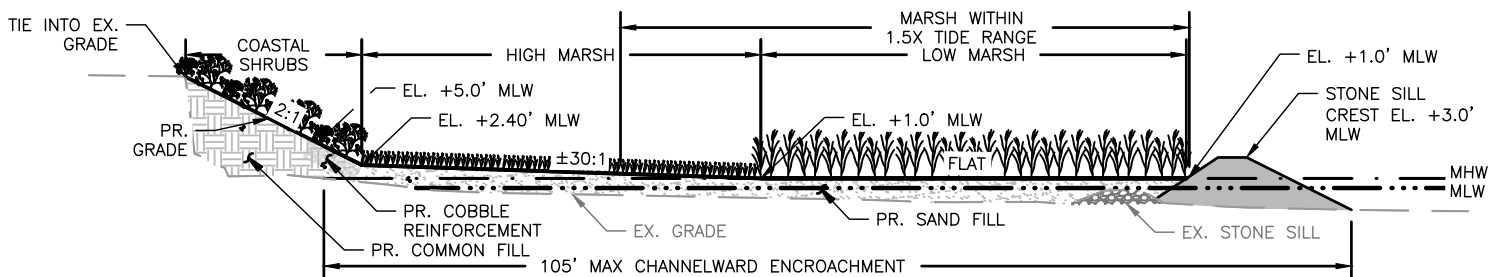
TYP. STONE SILL OVER EX. SILL SCALE: 1" = 10'



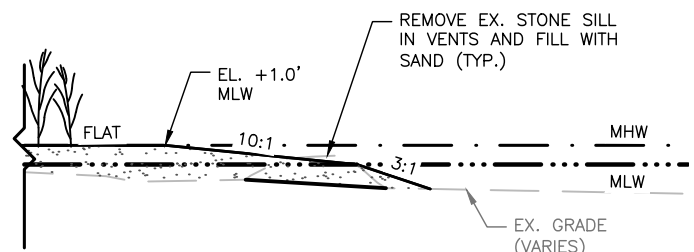
SECTION XS-03 SCALE: 1" = 20'



TYP. STONE SILL SCALE: 1" = 10'



SECTION XS-04 SCALE: 1" = 20'



PR. VENT SECTION TYPICAL SCALE: 1" = 10'

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CROSS SECTIONS AND TYPICALS

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PROJECT SUMMARY

PROPOSED STRUCTURES:

STONE SILLS = 9,067 SF
STONE SILL 1: 2,229 SF
LENGTH = 152 LF
WIDTH = 14.6 LF
STONE SILL 2: 1,830 SF
LENGTH = 127 LF
WIDTH = 14.4 LF
STONE SILL 3: 1,711 SF
LENGTH = 117 LF
WIDTH = 14.6 LF
STONE SILL 4: 3,297 SF
LENGTH = 224 LF
WIDTH = 14.7 LF

EXISTING STONE SILL PROTECTION FOOTPRINT = 2,487 SF

NET STONE SILL IMPACT = 6,580 SF

LIVING SHORELINE PLANTINGS = 23,515 SF
LOW MARSH PLANTINGS = 12,715 SF
HIGH MARSH PLANTINGS = 10,800 SF

IMPACTS TO EX. STATE TIDAL WETLANDS = 532 SF
IMPACTS TO EX. SHALLOW WATER HABITAT = 28,119 SF (8,824 + 12,715 + 9,067 - 2,487)
IMPACTS TO EX. PRIVATE TIDAL WETLANDS = 1,748 SF
TOTAL IMPACTS TO EX. WETLANDS = 25,795 SF (23,515 + 1748 + 532)

TIDAL MARSH RATIO

~~TOTAL AREA OF IMPACT (STONE PLUS MARSH CHANNELWARD OF EX. MHW AND LEEWARD OF 1.5' MLW) = 12,712 SF (9,067 - 2,487 + 6,133)~~
(SEE NOTE 6)

TOTAL AREA OF IMPACT (STONE PLUS MARSH CHANNELWARD OF EX. MHW AND LEEWARD OF 2.5' MLW) = 9,067 SF

MARSH PLANTING CHANNELWARD OF EX. MHW:

~~HIGH MARSH LEEWARD OF 1.5' = 6,133 SF~~
~~HIGH MARSH LEEWARD OF 2.5' = 1,464 SF~~
~~HIGH MARSH PLANTING CHANNELWARD OF 1.5' = 4,155 SF~~
HIGH MARSH PLANTINGS CHANNELWARD OF 2.5' = 8,824 SF
LOW MARSH PLANTINGS CHANNELWARD OF 2.5' = 12,715 SF

~~TIDAL MARSH = 16,870 SF (12,715 + 4,155)~~

TIDAL MARSH = 21,539 SF (12,715 + 8,824)

~~RATIO OF TIDAL MARSH TO IMPACTS = 1.3:1~~

RATIO OF TIDAL MARSH TO IMPACTS = 2.38:1 (21,539)/(9,067)

NOTES

1. BASEMAP COMPILED FROM 2023 ANNE ARUNDEL COUNTY GIS DATA AND AERIAL PHOTOGRAPHY.
2. SOUNDINGS AND CONTOURS ARE IN FEET AND REFER TO MLW.
3. TIDAL RANGE IS $\pm 1.0'$
4. BATHYMETRIC & TOPOGRAPHIC SURVEY PERFORMED BY BAYLAND CONSULTANTS & DESIGNERS OCTOBER 10TH 2025.
5. THESE ARE PERMIT DRAWINGS ONLY AND SUBJECT TO CHANGE DURING THE PERMIT PROCESS. DESIGN DRAWINGS ARE TO BE PREPARED SEPARATELY.
6. RATIO OF TIDAL MARSH BENEFITS TO IMPACTS HAVE BEEN UPDATED PER COMMENTS RECIEVED ON 5/14/2026, WHICH STATED THE UPDATED LIMITS OF TIDAL WETLAND HAS INCREASED TO ELEVATION +2.5' MLW.

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APPL. BY: RAYMOND SEDWICK

SITE NOTES

DATE: MAY 2026 SHEET 8 OF 8

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26-WQC-0010 (package)

Final Audit Report

2026-08-04

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By:	Jonathan Stewart (jon.stewart@maryland.gov)
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Transaction ID:	CBJCHBCAABAATWyNREZByLVLCp-yL2A1tmUwB5Cj4NIA

"26-WQC-0010 (package)" History

-  Document created by Jonathan Stewart (jon.stewart@maryland.gov)
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