



Maryland

Department of the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, Deputy Secretary
Adam Ortiz, Deputy Secretary

January 28, 2026

VIDI Aquam LLC
c/o Amanda Poskaitis
1753 Ebling Trail
Annapolis, MD 21401

Via email: amanda@ecosystemrestoration.com

Re: Agency Interest Number: 159012
Tracking Number: 202461503
Tidal Authorization Number: 25-WQC-0014

Dear VIDI Aquam LLC:

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 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 R. Miles Simmons at robertm.simmons@maryland.gov or 410-901-4044 with any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. Stewart".

Jonathan Stewart, Chief
Eastern Region
Tidal Wetlands Division



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



25-WQC-0014

EFFECTIVE DATE: **January 28, 2026**
CERTIFICATION HOLDER: **VIDI Aquam LLC**
ADDRESS: **595 W Gravers Ln
Philadelphia, PA 19118**
PROJECT LOCATION: **2625 Grove Neck Rd
Earleville, MD 21919**

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, WATER AND SCIENCE ADMINISTRATION HAS DETERMINED THAT THE REGULATED ACTIVITIES DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR THE PROPOSED VIDI AQUAM LIVING SHORELINE AND AS DESCRIBED IN THE ATTACHED PLAN SHEETS DATED JULY 30, 2025 AND ANY SUBSEQUENT MODIFICATIONS APPROVED BY THE DEPARTMENT WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION.

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.

PROJECT DESCRIPTION

1. Remove an existing pier and associated structures.
2. Construct a living shoreline with two headland control structures (breakwaters) that include anchored woody material along approximately 631 linear feet of shoreline: a) Breakwater 1 is approximately 325 feet long by 87.5 feet wide, not to exceed 165 feet channelward of the mean high water line; b) breakwater 2 is approximately 237.5 feet long by 87.5 feet, not to exceed 165 feet channelward of the mean high water line; c) install approximately 2,148 cubic yards of sand and 2,855 cubic yards of stone for tombolo/habitat construction and plant with approximately 8,612 square feet of low marsh vegetation, 9,559 square feet of high marsh vegetation, and 11,699 square feet of vegetation above the current upper limits of tidal wetlands.
3. Construct a 165-foot long by 6-foot wide timber pier with a 20-foot long by 10-foot wide "hammerhead" platform, a 34-foot long "L" shaped finger pier, three boat lifts with associated piles, two dolphins, and one osprey platform, all within a maximum of 175-feet channelward of the mean high water line.

The Administration satisfied statutory and regulatory public notice requirements by placing the WQC on Public Notice from June 1, 2025 to July 1, 2025 on the Maryland Department of the Environment's Public Notice webpage. The public notice for the associated Wetland License was advertised on the Maryland Department of the Environment's Public Notice webpage from June 1, 2025 to July 1, 2025 and in the Cecil Whig on June 4, 2025.

GENERAL CONDITIONS

1. All water quality-related performance standards and conditions required by the Department 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 shall be met.
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. All additional authorizations or approvals, including self-certifying General Permits issued by the Department, shall be obtained and all conditions shall be completed in compliance with such authorizations.
4. The proposed project shall be constructed in accordance with the approved final plan by the Department, or, if Department approval is not required, the plan approved by the U.S. Army Corps of Engineers, and its approved revisions.
5. 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.
6. 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.
7. 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.
8. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands.
9. Temporary construction trailers or structures, staging areas and stockpiles shall not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, or the 100-year floodplain unless specifically included on the Approved Plan.
10. This Certification is valid for the project identified herein and the associated U.S. Army Corps of Engineers authorization **NAB-2024-61503** until such time that it expires or is not administratively extended.

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. If the fill is graded hydraulically, the 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. 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 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 Certificate Holder 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 Certificate. 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.

6. The Certificate Holder shall submit photographs on an annual basis for the first five growing seasons to the 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.

STATEMENTS OF NECESSITY & CITATIONS

1. Statement of Necessity for General Conditions 1, 2, 3, 4, and Special Conditions 1, 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 Conditions 5, 8, 9, and Special Conditions 4, 5, 6: 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.

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

3. Statement of Necessity for General Condition 6: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citation: 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

4. Statement of Necessity for General Condition 7: 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

Citation: 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

5. Statement of Necessity for General Condition 10: 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

6. 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.

Citation: 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

7. Statement of Necessity for Special Conditions 4, 5, 6: Tidal wetlands provide essential habitat, water quality, food, and movement corridors for wildlife, and support of estuarine and marine aquatic life and shellfish harvesting. Successful establishment is necessary to prevent discharges which interfere with designated uses, including growth and propagation of fish, other aquatic life, and wildlife through loss of stream channel habitat and wetlands. Required establishment, re-establishment, or enhancement and loss limits will maintain the designated use.

Citations: COMAR 26.08.02.02B(3); COMAR 26.08.02.03B(3) and B(4); COMAR 26.24.

CERTIFICATION APPROVED



Heather L. Nelson, Program Manager
Wetlands and Waterways Protection Program

Tracking Number: 202461503
Agency Interest Number: 159012

Effective Date: **January 28, 2026**

Enclosure: Plan Sheets dated **July 30, 2025**

cc: WSA Inspection & Compliance Program
Army Corps of Engineers



PLAN
SCALE: 1"=500'



VICINITY MAP

24-WL-0993 & 25-WQC-0014
202461503
159012
7/30/2025
RMS

SHEET INDEX

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July 30, 2025	
Scale	AS SHOWN
Drawn By	J.K./E.C.
Approved By	D.W.
Sheet No.	1 Of 14
Project No.	22-098
Proposal No.	...

UNDERWOOD & ASSOCIATES
LANDSCAPE ARCHITECTURE + ECOLOGICAL RESTORATION
A DESIGN/BUILD Co.

1753 EBLING TRAIL • ANNAPOLIS, MD 21401
TEL: 410-849-9211 FAX: 410-849-2199

VICINITY MAP AND AERIAL PHOTO

VIDIAQUAM LIVING SHORELINE

2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
FORMERLY MAP 0060, GRID 0002, PARCEL 0371
1ST ELECTION DISTRICT, CECIL COUNTY



July 30, 2025	
PROJECT VICINITY CONDITIONS	
Scale	AS SHOWN
Drawn By	J.K./E.C.
Approved By	D.W.
Sheet No.	2 Of 14
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PLAN
 SCALE: 1"=1000'

24-WL-0993 & 25-WQC-0014
 202461503
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 7/30/2025
 RMS

NAD 83

FETCH CONTINUES
LONGEST FETCH IS 11.3 MILES

CHESAPEAKE BAY



SHEET 4 & 6

SHEET 3 & 5

PROPERTY LINES

C H E S A P E A K E B A Y

24-WL-0993 & 25-WQC-0014
 202461503
 159012
 7/30/2025
 RMS



EX. OSPREY POLE
(TO BE RELOCATED)
 EX. PIPE JETTIES
(TO BE REMOVED)

MATCHLINE SEE SHEET 4

EX. WOODEN STAIRS

-2-

-3-

20

10

50'

150'

250'

350'

450'

550'

650'

750'

850'

950'

1050'

1150'

1250'

1350'

1450'

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1850'

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26750'

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27050'

27150'

27250'

27350'

27450'

27550'

27650'

27750'

27850'

27950'

28050'

28150'

28250'

28350'

28450'

24-WL-0993 & 25-WQC-0014

202461503
159012
7/30/2025
RMS

MATCHLINE SEE SHEET 3

FLOOD
EBB

CHESAPEAKE BAY

EX. DOLPHIN PILINGS
(TO BE RELOCATED)

EX. PIPE JETTIES
(TO BE REMOVED)

EX. PIER

EX. CONC. RAMP

EX. BULKHEAD

EX. BULKHEAD

MARYLAND STATE OF DEPT
OF NATURAL RESOURCES
580 TAYLOR AVE SUITE E4
ANNAPOLIS MD 21401-0000
Dead Reference: 04955/00412
Premises Address: 2615 GROVE NECK RD
EARLEVILLE 21919-0000
250 ACRES
W OF EARLEVILLE
Map: 0060 Grid: 0008 Parcel: 0005

PLAN
SCALE: 1" = 60'

LEGEND

EXISTING FEATURES

- MINOR CONTOUR
- MAJOR CONTOUR
- MEAN HIGH WATER
- MEAN LOW WATER
- TREE CANOPY
- PROPERTY LINE
- BULKHEAD

SCALE: 1" = 50'

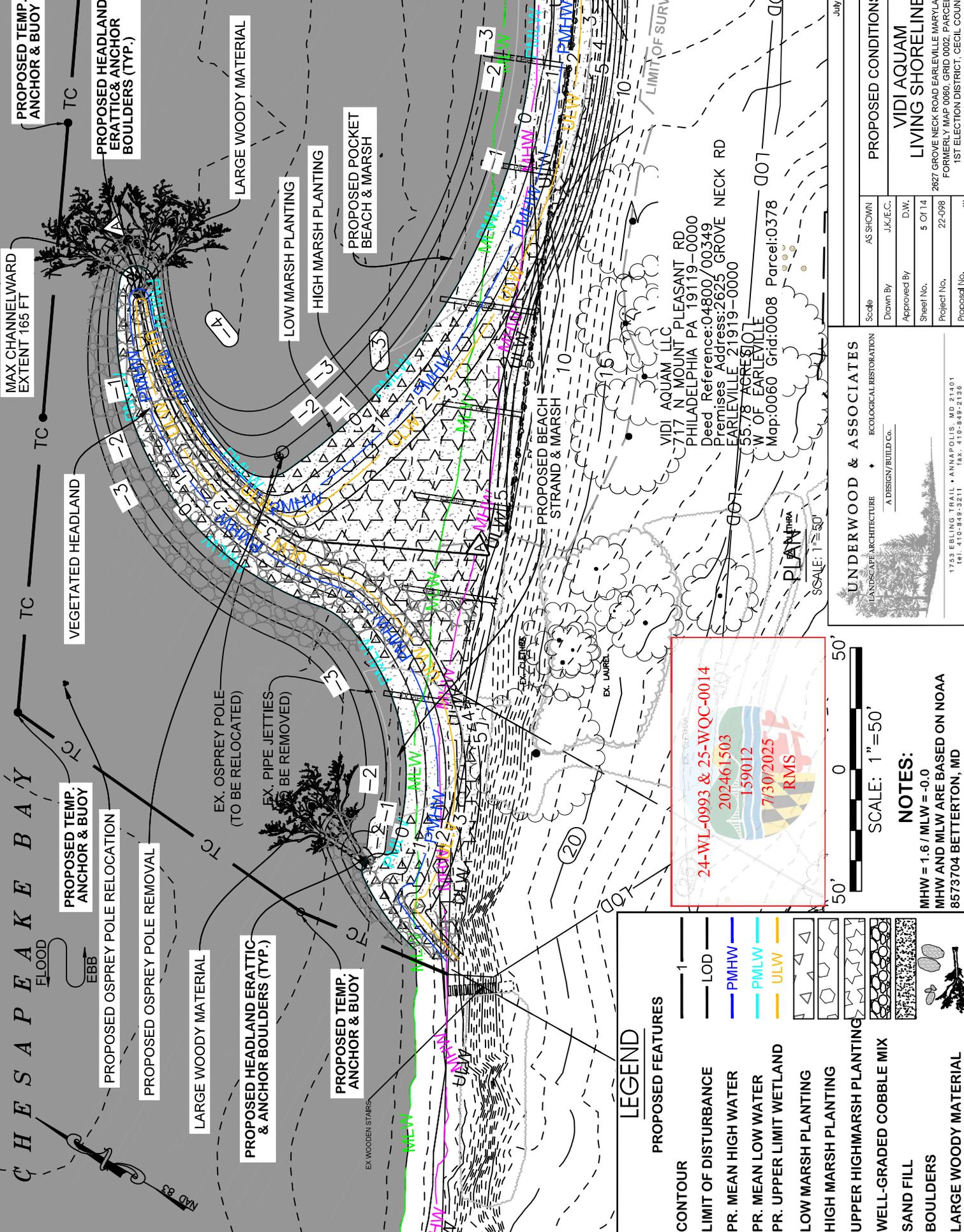
NOTES:

- MHW = 1.6 / MLW = 0.0
- MHW AND MLW ARE BASED ON NOAA 8573704 BETTERTON, MD
- CRITICAL AREA DESIGNATION IS RCA
- SAV NOT PRESENT

Scale	AS SHOWN	EXISTING CONDITIONS
Drawn By	J.K./E.C.	VIDIA AQUAM LIVING SHORELINE 2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919 FORMERLY MAP 0060, GRID 0002, PARCEL 0371 1ST ELECTION DISTRICT, CECIL COUNTY
Approved By	D.W.	
Sheet No.	4 Of 14	
Project No.	22-098	
Proposal No.	...	

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CHESAPEAKE BAY

PROPOSED TEMP. ANCHOR & BUOY

PROPOSED OSPREY POLE RELOCATION

PROPOSED OSPREY POLE REMOVAL

LARGE WOODY MATERIAL

PROPOSED HEADLAND ERATTIC & ANCHOR BOULDERS (TYP.)

PROPOSED TEMP. ANCHOR & BUOY

PROPOSED BEACH STRAND & MARSH

PROPOSED POCKET BEACH & MARSH

LOW MARSH PLANTING

HIGH MARSH PLANTING

LARGE WOODY MATERIAL

PROPOSED HEADLAND ERATTIC & ANCHOR BOULDERS (TYP.)

PROPOSED TEMP. ANCHOR & BUOY

PROPOSED BEACH STRAND & MARSH

PROPOSED POCKET BEACH & MARSH

LOW MARSH PLANTING

HIGH MARSH PLANTING

LARGE WOODY MATERIAL

PROPOSED HEADLAND ERATTIC & ANCHOR BOULDERS (TYP.)

PROPOSED TEMP. ANCHOR & BUOY

PROPOSED BEACH STRAND & MARSH

PROPOSED POCKET BEACH & MARSH

LOW MARSH PLANTING

HIGH MARSH PLANTING

LARGE WOODY MATERIAL

PROPOSED HEADLAND ERATTIC & ANCHOR BOULDERS (TYP.)

PROPOSED TEMP. ANCHOR & BUOY

PROPOSED BEACH STRAND & MARSH

PROPOSED POCKET BEACH & MARSH

LOW MARSH PLANTING

HIGH MARSH PLANTING

LARGE WOODY MATERIAL

LEGEND

PROPOSED FEATURES

- CONTOUR
- LIMIT OF DISTURBANCE
- PR. MEAN HIGH WATER
- PR. MEAN LOW WATER
- PR. UPPER LIMIT WETLAND
- LOW MARSH PLANTING
- HIGH MARSH PLANTING
- UPPER HIGHMARSH PLANTING
- WELL-GRADED COBBLE MIX
- SAND FILL
- BOULDERS
- LARGE WOODY MATERIAL

24-WL-0993 & 25-WQC-0014
 202461503
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 RMS

SCALE: 1"=50'

NOTES:
 MHW = 1.6 / MLW = -0.0
 MHW AND MLW ARE BASED ON NOAA
 8573704 BETTERTON, MD

UNDERWOOD & ASSOCIATES
 LANDSCAPE ARCHITECTURE + ECOLOGICAL RESTORATION
 A DESIGN/BUILD CO.

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 TEL: 410-849-9211 FAX: 410-849-2199

PROPOSED CONDITIONS

Scale: AS SHOWN
 Drawn By: J.K./E.C.
 Approved By: D.W.
 Sheet No.: 5 Of 14
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VIDI AQUAM LIVING SHORELINE
 2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
 FORMERLY MAP 0060, GRID 0002, PARCEL 0371
 1ST ELECTION DISTRICT, CECIL COUNTY

July 30, 2025

MATCHLINE SEE SHEET 5

LARGE WOODY MATERIAL

MAX CHANNELWARD EXTENT 165 FT

PROPOSED TEMP. ANCHOR & BUOY
PR. RELOCATED

DOLPHIN PILINGSS A P E A K E B A Y

FLOOD
EBB

PROPOSED PIER AND BOAT LIFT RELOCATION

PROPOSED PIER AND BOAT LIFT REMOVAL

PROPOSED HEADLAND ERATTIC & ANCHOR BOULDERS (TYP.)

HIGH MARSH PLANTING

LOW MARSH PLANTING

PROPOSED POCKET BEACH & MARSH

24-WL-0993 & 25-WQC-0014
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TURBIDITY CURTAIN 982 FT

PROPOSED TEMP. ANCHOR & BUOY

LEGEND

- PROPOSED FEATURES
- CONTOUR
- LIMIT OF DISTURBANCE
- PR. MEAN HIGH WATER
- PR. MEAN LOW WATER
- PR. UPPER LIMIT WETLAND
- LOW MARSH PLANTING
- HIGH MARSH PLANTING
- UPPER HIGHMARSH PLANTING
- WELL-GRADED COBBLE MIX
- SAND FILL
- BOULDERS
- LARGE WOODY MATERIAL



NOTES:

MHW = 1.6 / MLW = -0.0
MHW AND MLW ARE BASED ON NOAA
8573704 BETTERTON, MD

UNDERWOOD & ASSOCIATES
LANDSCAPE ARCHITECTURE + ECOLOGICAL RESTORATION
A DESIGN/BUILD CO.

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Scale	AS SHOWN
Drawn By	J.K./E.C.
Approved By	D.W.
Sheet No.	6 Of 14
Project No.	22-098
Proposal No.	...

PROPOSED CONDITIONS
VIDIAQUAM
LIVING SHORELINE

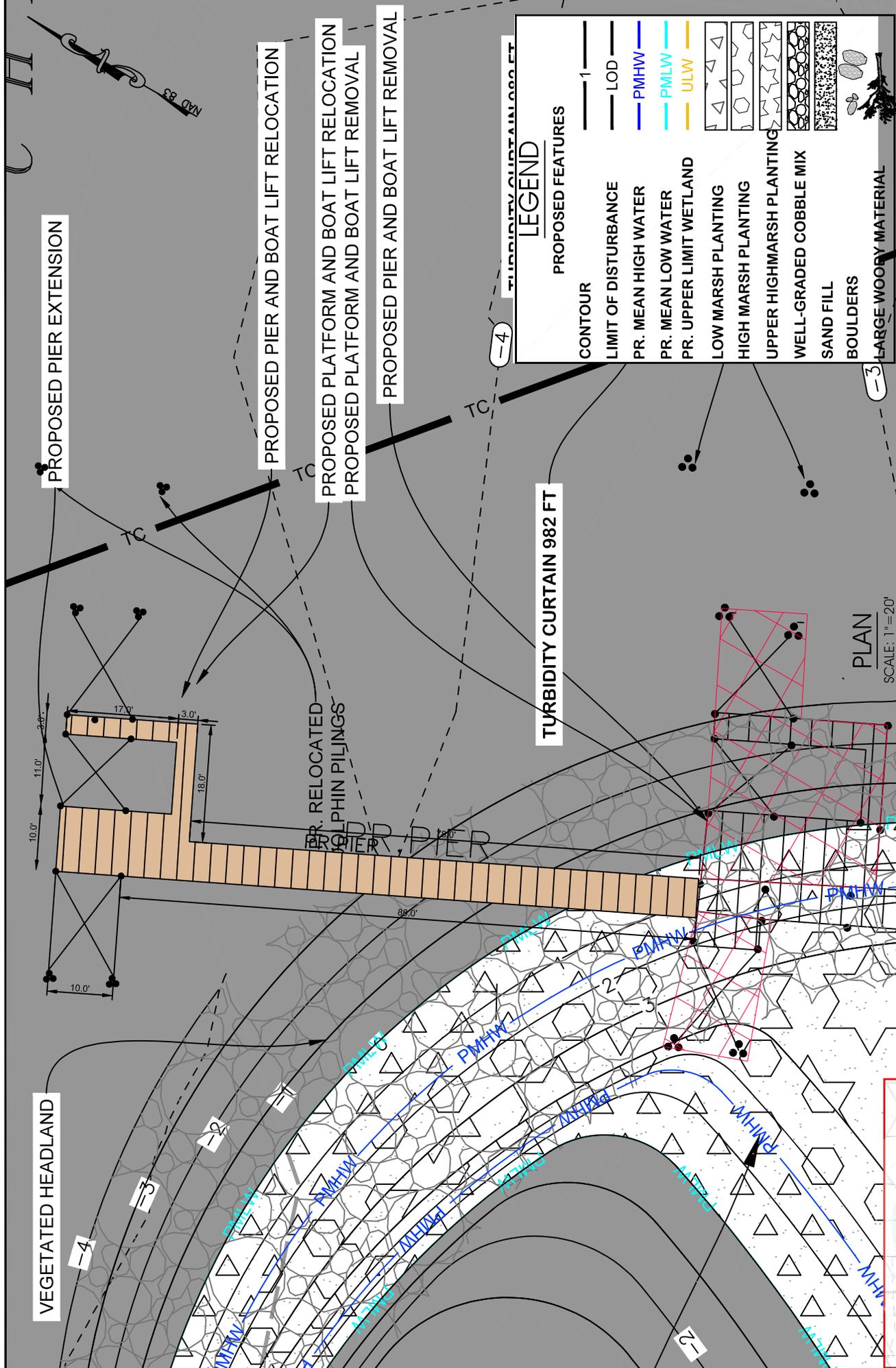
2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
FORMERLY MAP 0060, GRID 0002, PARCEL 0371
1ST ELECTION DISTRICT, CECIL COUNTY

July 30, 2025

MARYLAND STATE OF DEPT
OF NATURAL RESOURCES
580 TAYLOR AVE, SUITE E4
ANNAPOLIS MD 21401-0000
Dead Reference: 04955/004.12
Premises Address: 2615 GROVE NECK RD
EARLEVILLE 21919-0000
W OF EARLEVILLE
Map: 0060 Grid: 0008 Parcel: 0005

PLAN
SCALE: 1"=50'

UNPLANTED AREA TO MAINTAIN BOAT RAMP
EX. PIPE JETTIES (TO BE REMOVED)



LEGEND

PROPOSED FEATURES

- CONTOUR
- LIMIT OF DISTURBANCE
- PR. MEAN HIGH WATER
- PR. MEAN LOW WATER
- PR. UPPER LIMIT WETLAND
- LOW MARSH PLANTING
- HIGH MARSH PLANTING
- UPPER HIGHMARSH PLANTING
- WELL-GRADED COBBLE MIX
- SAND FILL
- BOULDERS
- LARGE WOODY MATERIAL

PROPOSED CONDITIONS

- 1
- LOD
- PMHW
- PMLW
- ULW

July 30, 2025

PROPOSED CONDITIONS

VIDIAQUAM LIVING SHORELINE

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FORMERLY MAP 0060, GRID 0002, PARCEL 0371
1ST ELECTION DISTRICT, CECIL COUNTY

Scale: AS SHOWN
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Sheet No.: 7 Of 14
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Proposal No.: ...

UNDERWOOD & ASSOCIATES
LANDSCAPE ARCHITECTURE + ECOLOGICAL RESTORATION
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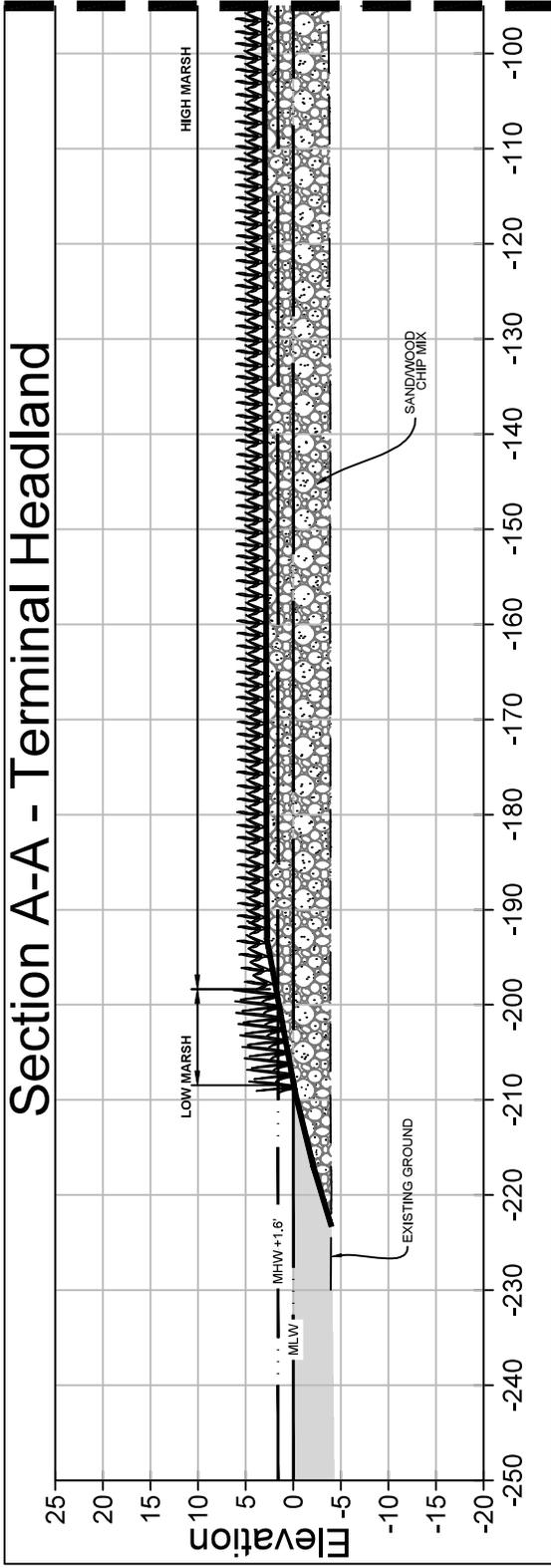
SCALE: 1" = 20'

NOTES:

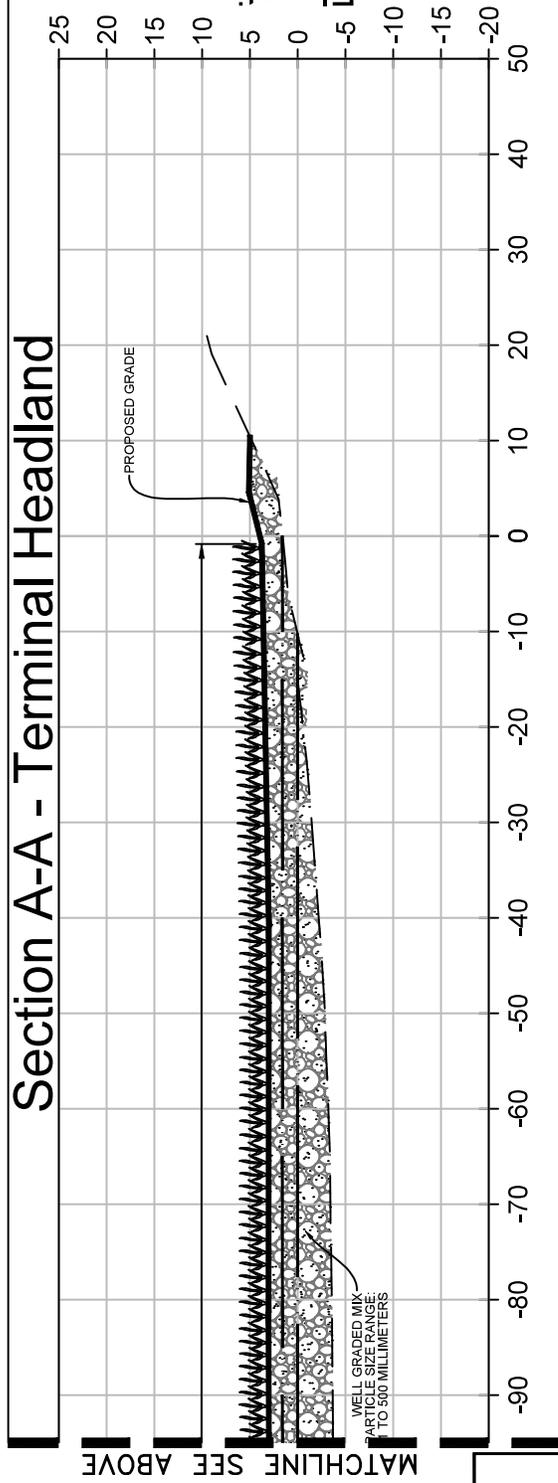
MHW = 1.6 / MLW = -0.0
MHW AND MLW ARE BASED ON NOAA
8573704 BETTERTON, MD

24-WL-0993 & 25-WQC-0014
202461503
159012
7/30/2025
RMS

Section A-A - Terminal Headland



Section A-A - Terminal Headland



LEGEND

- EXISTING GRADE
- PROPOSED GRADE
- MEAN HIGH WATER (MHW)
- MEAN LOW WATER (MLW)
- [Pattern] SANDWOOD CHIP MIX
- [Pattern] SUBMERGED COBBLE
- [Symbol] BOULDER OUTCROP
- [Symbol] SPARTINA PATENS
- [Symbol] SPARTINA ALTERNIFLORA

CROSS SECTIONS

SCALE: 1"=20'

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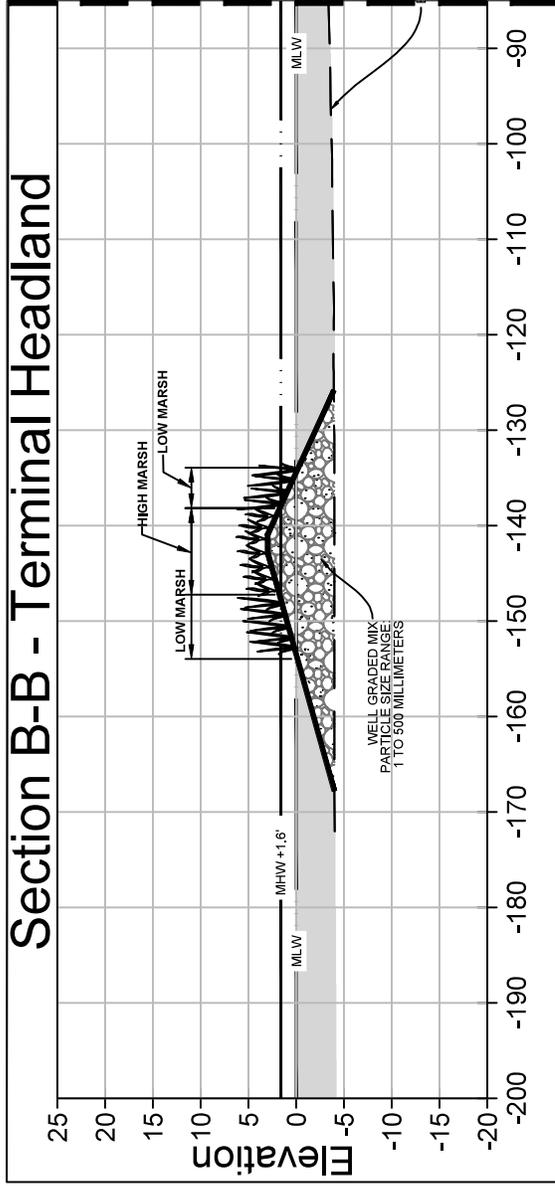
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PROJECT CROSS SECTION

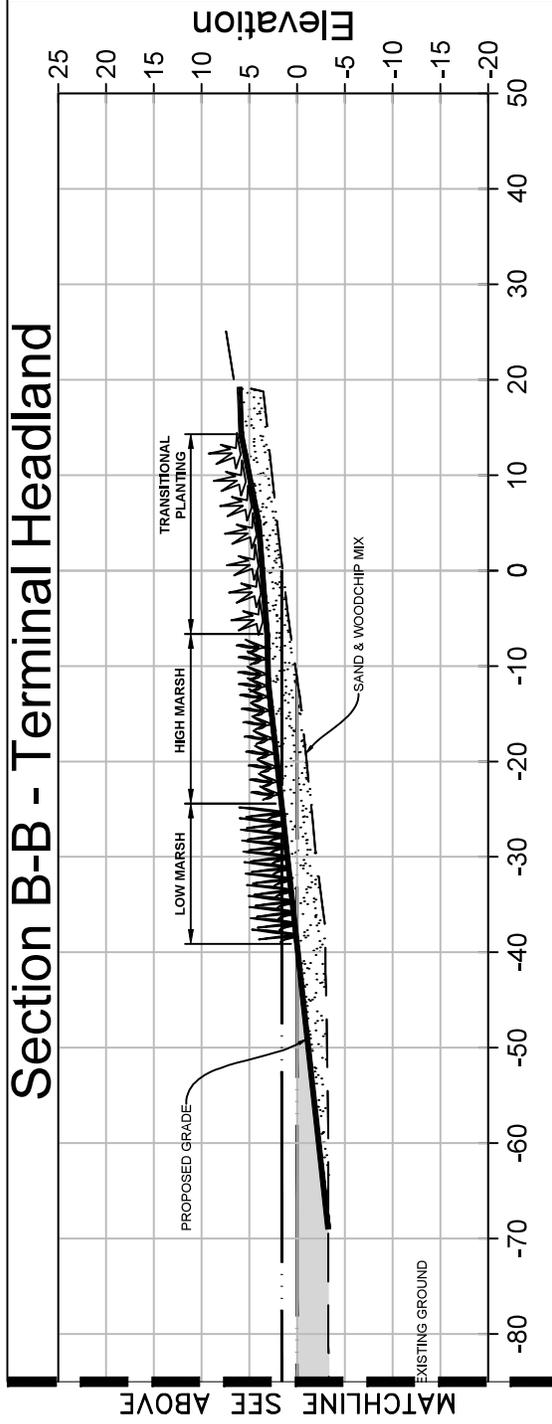
VIDIAQUAM LIVING SHORELINE

2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
FORMERLY MAP 0060, GRID 0002, PARCEL 0371
1ST ELECTION DISTRICT, CECIL COUNTY

Section B-B - Terminal Headland



Section B-B - Terminal Headland



LEGEND

- EXISTING GRADE
- PROPOSED GRADE
- MEAN HIGH WATER (MHW)
- MEAN LOW WATER (MLW)
- ▨ SAND/WOOD CHIP MIX
- ▨ SUBMERGED COBBLE
- 🌿 BOULDER OUTCROP
- 🌿 SPARTINA PATENS
- 🌿 SPARTINA ALTERNIFLORA

CROSS SECTIONS

SCALE: 1"=20'

24-WL-0993 & 25-WQC-0014

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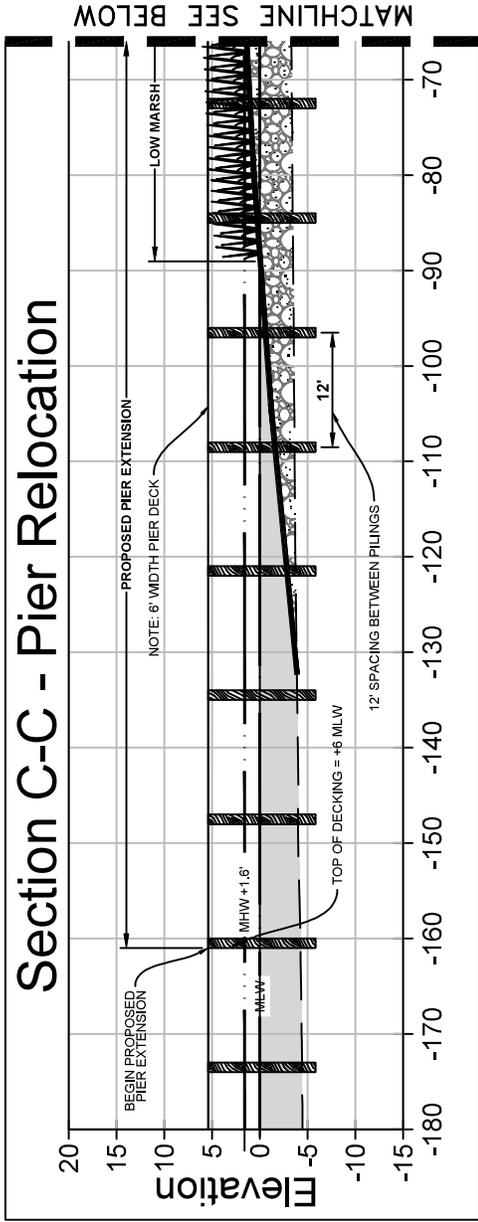
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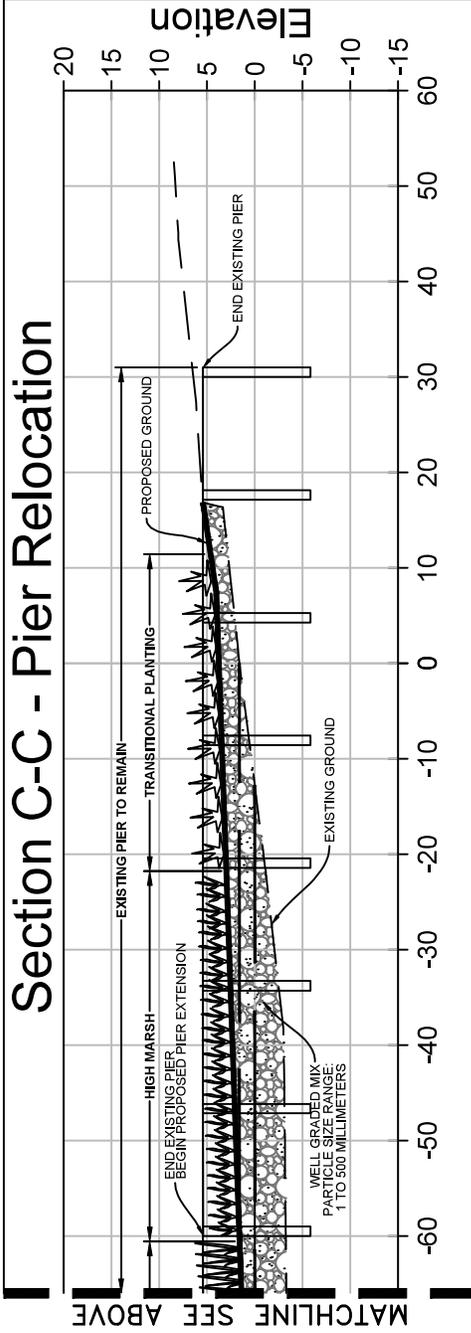
**VIDIAQUAM
LIVING SHORELINE**

2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
FORMERLY MAP 0060, GRID 0002, PARCEL 0371
1ST ELECTION DISTRICT, CECIL COUNTY

Section C-C - Pier Relocation



Section C-C - Pier Relocation



LEGEND

- EXISTING GRADE
- PROPOSED GRADE
- MEAN HIGH WATER (MHW)
- MEAN LOW WATER (MLW)
- SAND/WOOD CHIP MIX
- SUBMERGED COBBLE
- BOULDER OUTCROP
- SPARTINA PATENS
- SPARTINA ALTERNIFLORA

CROSS SECTIONS

SCALE: 1"=20'

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Approved By	D.W.
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PROJECT CROSS SECTION

VIDIAQUAM LIVING SHORELINE

2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
 FORMERLY MAP 0060, GRID 0002, PARCEL 0371
 1ST ELECTION DISTRICT, CECIL COUNTY

July 30, 2025

WOODY MATERIAL ANCHORING (TYP.) - PLAN VIEW



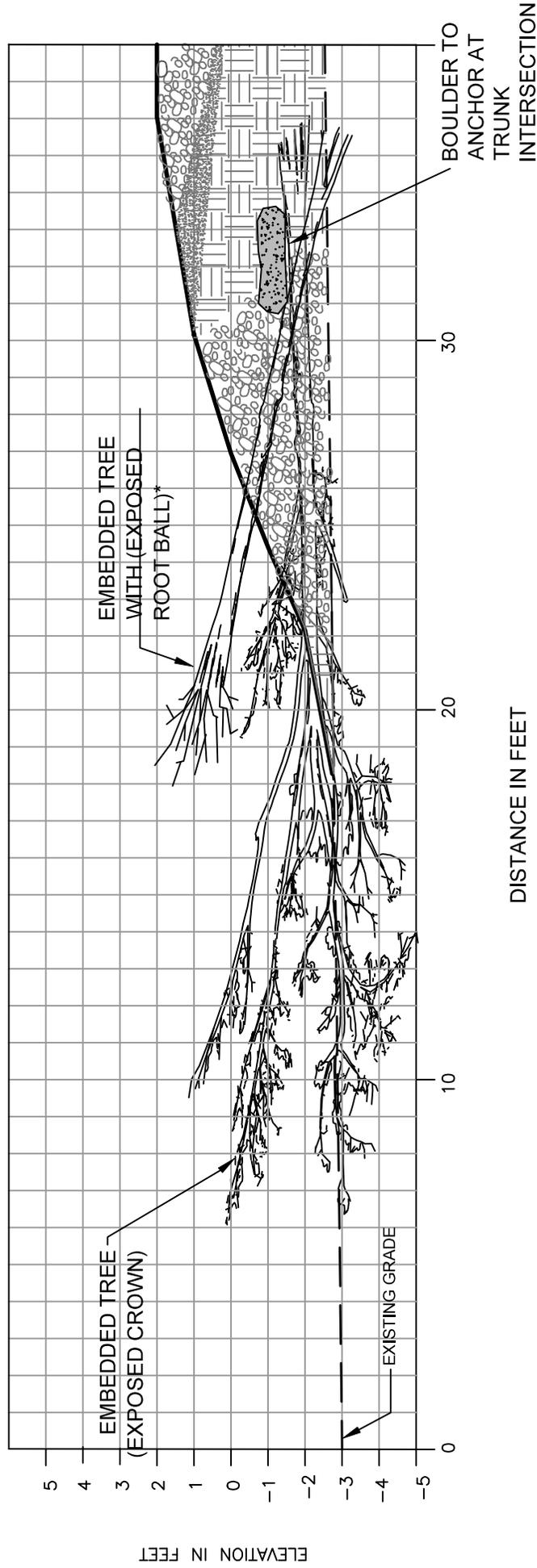
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July 30, 2025	
PROJECT DETAILS	
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Approved By	D.W.
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WOODY MATERIAL ANCHORING (TYP.) - PROFILE VIEW



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Sheet No.	12 Of 14
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PROJECT DETAILS
VIDIAQUAM
LIVING SHORELINE
2627 GROVE NECK ROAD EARLEVILLE MARYLAND 21919
FORMERLY MAP 0060, GRID 0002, PARCEL 0371
1ST ELECTION DISTRICT, CECIL COUNTY

25-WQC-0014

Final Audit Report

2026-01-30

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By:	Jonathan Stewart (jon.stewart@maryland.gov)
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