



U.S. Army Corps
of Engineers
Baltimore District
PN 21-44

Public Notice

In Reply to Application Number
**NAB-2021-61452 (Arundel Rivers Federation/West Shoreham
Citizens Assoc./Shoreline Stabilization)**
Comment Period: November 16, 2021 to December 16, 2021

THE PURPOSE OF THIS PUBLIC NOTICE IS TO INFORM INTERESTED PARTIES OF THE PROPOSED ACTIVITY AND TO SOLICIT COMMENTS. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344), as described below:

APPLICANT: Arundel Rivers Federation
2822 Solomons Islands Road
Suite 202
Edgewater, Maryland 21037

WATERWAY AND LOCATION OF THE PROPOSED WORK: The proposed project is located in the South River, near 4055 Honeysuckle Drive, Edgewater, Anne Arundel County, Maryland. Latitude: 38.8951; Longitude: -76.4929

OVERALL PROJECT PURPOSE: To provide shoreline erosion protection, to create/improve habitat, to provide beach nourishment, and to increase coastal resiliency along the properties owned by the West Shoreham Citizens Association and Ms. Emily Parkhurst, near 4055 Honeysuckle Drive, Edgewater, Anne Arundel County, Maryland.

PROJECT DESCRIPTION: To provide shoreline erosion protection and to increase coastal resilience on the South River as follows:

To construct beach nourishment along 720 feet of eroding shoreline by emplacing 12,635 cubic yards of sand and cobble with four stone sand containment structures: one 25 foot long by 15 foot wide hook addition to an existing groin, one 218 foot long by 6 to 15 foot wide headland structure with a 40 foot long hook, one 90 foot long by 15 foot wide headland structure, and one 25 foot long by 8 foot wide structure.

All structures will extend a maximum of 199 feet channelward of the approximate mean high water shoreline. All work is proposed in accordance with the attached plans prepared by Environmental Systems Analysis, Inc., entitled "Honeysuckle Drive", dated October 2021, sheets 1 through 10.

EFFECTS ON AQUATIC RESOURCES:

Activity	WoUS Impact (Sq. Ft.)	Wetland Impact (Sq. Ft.)	Authority (Section 10/404/408)
Sand Containment Structures (stone)	5,317	0	Section 10/404
Fill (sand)	42,752	0	Section 10/404

Temporary Construction Access	0	261	Section 404
-------------------------------	---	-----	-------------

LEAD FEDERAL AGENCY: The U.S. Army Corps of Engineers, as the lead federal agency, is responsible for all coordination pursuant to applicable federal authorities.

APPLICANT'S PROPOSED AVOIDANCE, MINIMIZATION, AND COMPENSATORY MITIGATION: As part of the planning process for the proposed project, steps were taken to ensure avoidance and minimization of impacts to aquatic resources to the maximum extent practicable based on the existing site conditions and previously authorized work.

No compensatory mitigation is proposed. No submerged aquatic vegetation will be impacted as a result of the proposed project. Impacts to wetlands for construction access will be temporary and upon removal of the fill, the original grades and vegetation will be restored.

CORPS EVALUATION REQUIREMENTS: This project will be evaluated pursuant to Corps Regulatory Program Regulations (33 CFR Parts 320-332). The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonable may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economic, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and consideration of property ownership and in general, the needs and welfare of the people. The evaluation of the impact of this project will also include application of the Clean Water Act Section 404(b)(1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency.

ENDANGERED SPECIES: A preliminary review of this application indicates that the proposed work will have no effect Federally-listed threatened or endangered species or their critical habitat, pursuant to Section 7 of the Endangered Species Act, as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 04-267), requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH), including species of concern, life cycle habitat, or Habitat Areas of Particular Concern. The project site lies in or adjacent to EFH as described under MSFCMA for managed species under the MSFCMA. The Baltimore District has made a preliminary determination that the project will have no adverse effect on EFH. The Baltimore District has made a preliminary determination that mitigative measures are not required to minimize adverse effects on EFH at this time. This determination may be modified if additional information indicates otherwise.

HISTORIC RESOURCES:

Pursuant to Section 106 of the National Historic Preservation Act of 1966 and applicable guidance, the Corps has reviewed the latest published version of the National Register of Historic Places and initially determined that no registered properties listed as eligible for inclusion, therein, are located at the site of the proposed work. The Corps has made the preliminary determination that the proposed project would have no effect on historic properties. The Corps final eligibility and effect determination will be based on coordination with the State Historic Preservation Office as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps' identified permit area.

TRIBAL RESOURCES: Section 106 of the National Historic Preservation Act also requires federal agencies to consult with federally-recognized American Indian tribes that attach religious and cultural significance to historic properties that may be affected by the agency's undertaking. Corps Tribal Consultation Policy mandates an open, timely, meaningful, collaborative, and effective deliberative communication process that emphasizes trust, respect, and shared responsibility. The policy further emphasizes that, to the extent practicable and permitted by law, consultation works toward mutual consensus and begins at the earliest planning stages, before decisions are made and actions taken. The Corps final eligibility and effect determination will be based on coordination with interested tribes, in accordance with the Corps current tribal standard operating procedures as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on tribal resources.

MODIFICATION OF CIVIL WORKS PROJECTS: 33 USC 408 (SECTION 408): All Section 408 proposals will be coordinated internally at USACE. The Section 408 decision will be issued along with the Section 404 and/or Section 10 decision. Please see the following link for more information regarding Section 408:
<https://www.nab.usace.army.mil/section408/>.

WATER QUALITY CERTIFICATION: The applicant is required to obtain a water quality certification in accordance with Section 401 of the Clean Water Act.

COASTAL ZONE MANAGEMENT PROGRAMS: Where applicable, the applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the approved Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The applicant must obtain any State or local government permits which may be required.

SUBMISSION OF COMMENTS: The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act.

Comments provided will become part of the public record for this action and are subject to release to the public through the Freedom of Information Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

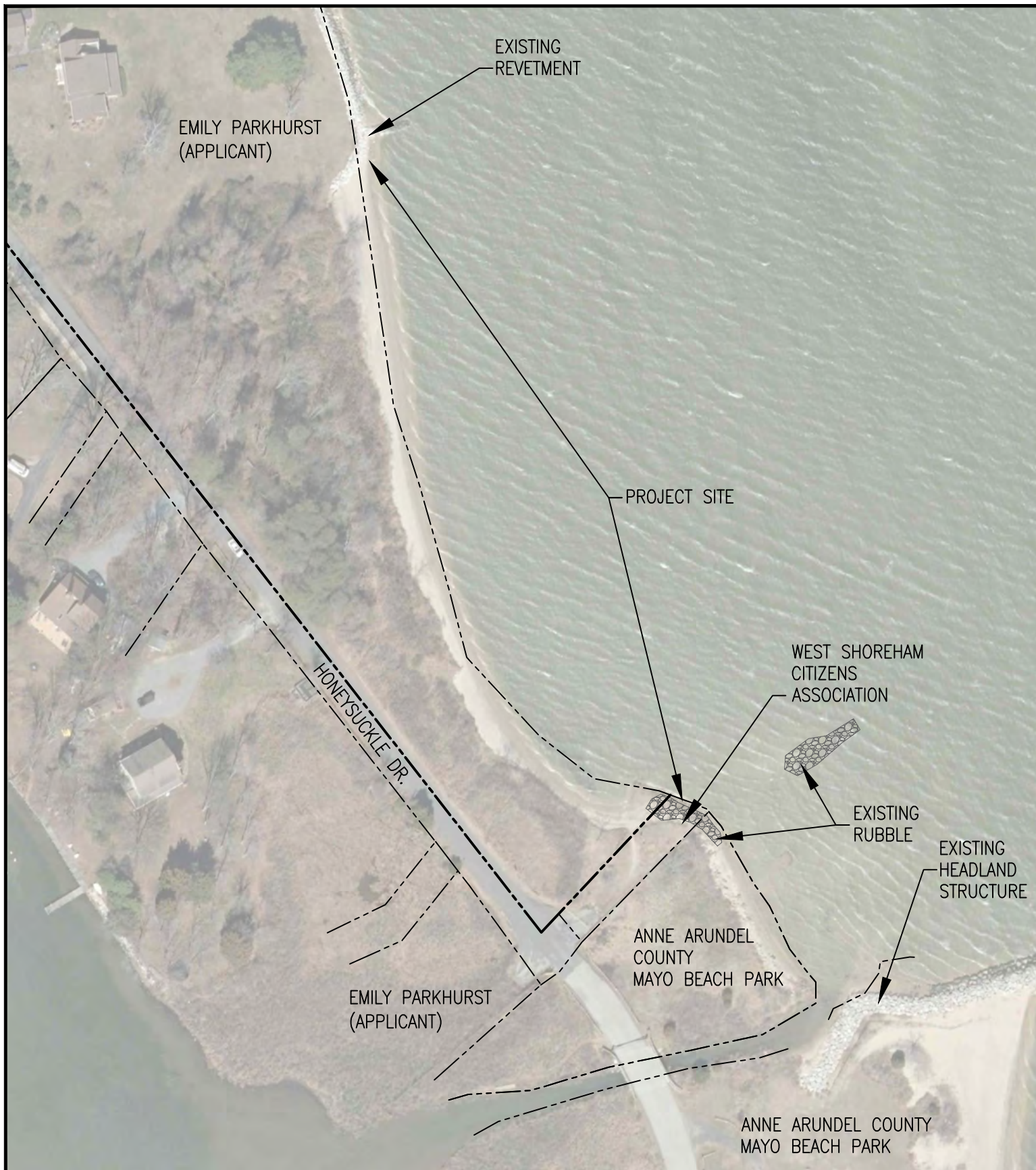
Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the U.S. Army Corps of Engineers, Baltimore District within the comment period specified above through postal mail at the address below or electronic submission to the project manager email address below. Written comments should reference the Application Number NAB-2021-61452.

PUBLIC HEARING REQUESTS: Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received within the comment period as specified above to receive consideration. Also it must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected. The public hearing request may be submitted by electronic mail or mailed to the following address:

Nicole Voelker
Nicole.M.Voelker@usace.army.mil
U.S. Army Corps of Engineers, Baltimore District
Regulatory Branch
2 Hopkins Plaza
Baltimore, Maryland 21201

It is requested that you communicate this information concerning the proposed work to any persons known by you to be interested, who did not receive a copy of this notice.

General information regarding the Corps' permitting process can be found on our website at <https://www.nab.usace.army.mil/Missions/Regulatory.aspx>. This public notice has been prepared in accordance with Corps implementing regulations at 33 CFR 325.3. If you have any questions concerning this specific project, or would like to request a paper copy of this public notice, please contact Nicole Voelker, Nicole.m.voelker@usace.army.mil. This public notice is issued by the Chief, Regulatory Branch.



**Applicant For
Living Shoreline:**
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:



esa

**Environmental
Systems
Analysis, Inc.**
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

AERIAL IMAGE

HONEYSUCKLE DRIVE
LIVING SHORELINE

Anne Arundel County, Maryland

SCALE: 1" = 100'

DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honey-
suckle Drive/CAD/Base

SHEET: 1 of 10





Copyright ADC, The Map People
Permitted Use No. 20100746

**Applicant For
Living Shoreline:**
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:



esa

**Environmental
Systems
Analysis, Inc.**
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

PROJECT VICINITY CONDITIONS

HONEYSUCKLE DRIVE LIVING SHORELINE

Anne Arundel County, Maryland

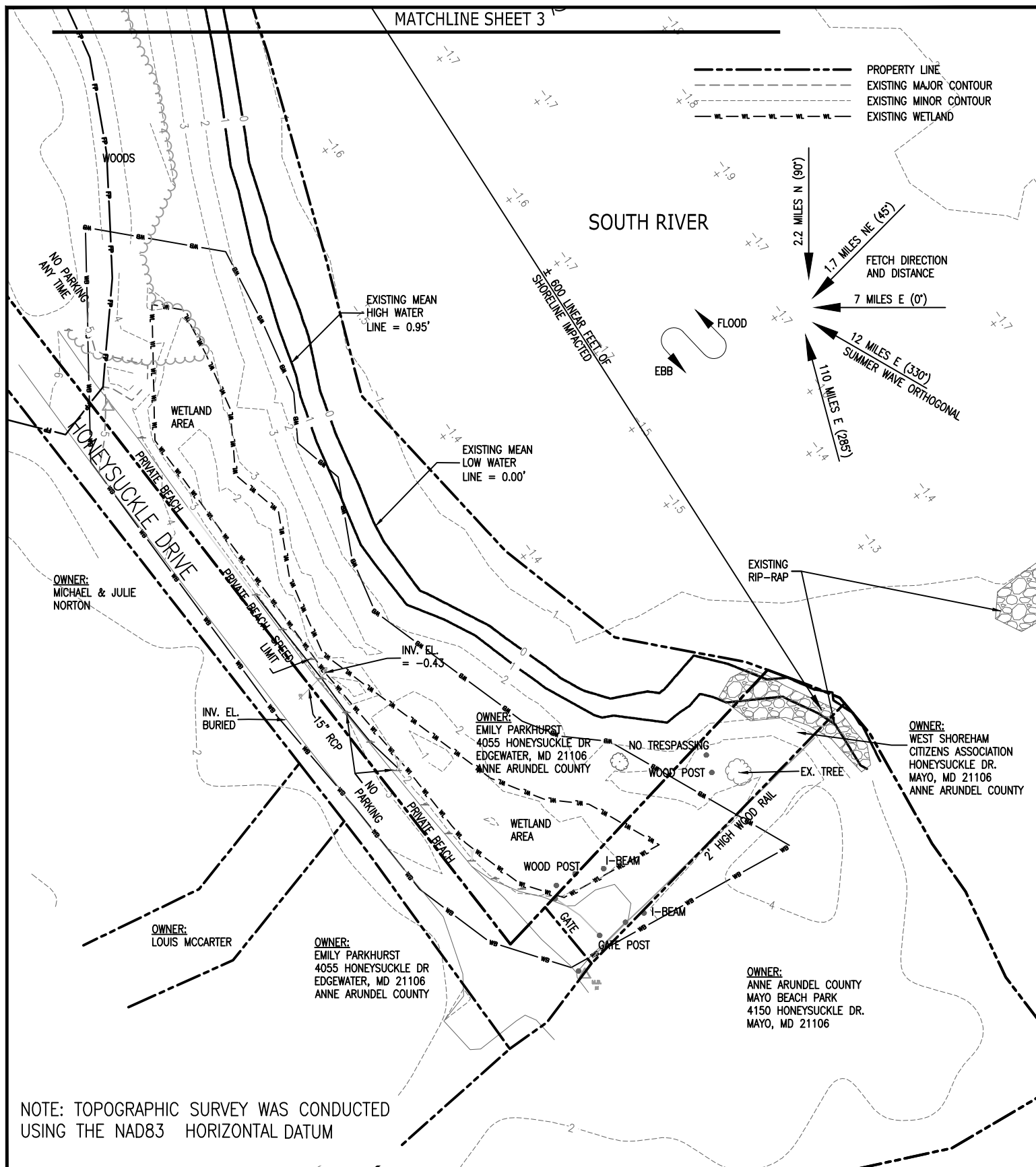
SCALE: 1" = 1200'

DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honey-
suckle Drive/CAD/Base

SHEET: 2 of 10





Applicant For Living Shoreline:
 Arundel Rivers Federation
 2822 Solomons Island Road
 Edgewater, MD 21037

Prepared by:



Environmental Systems Analysis, Inc.
 Natural Resources Management
 Ecological Restoration
 2141 Priest Bridge Drive, Suite 1
 Crofton, Maryland 21114

EXISTING CONDITIONS

HONEYSUCKLE DRIVE
 LIVING SHORELINE

Anne Arundel County, Maryland

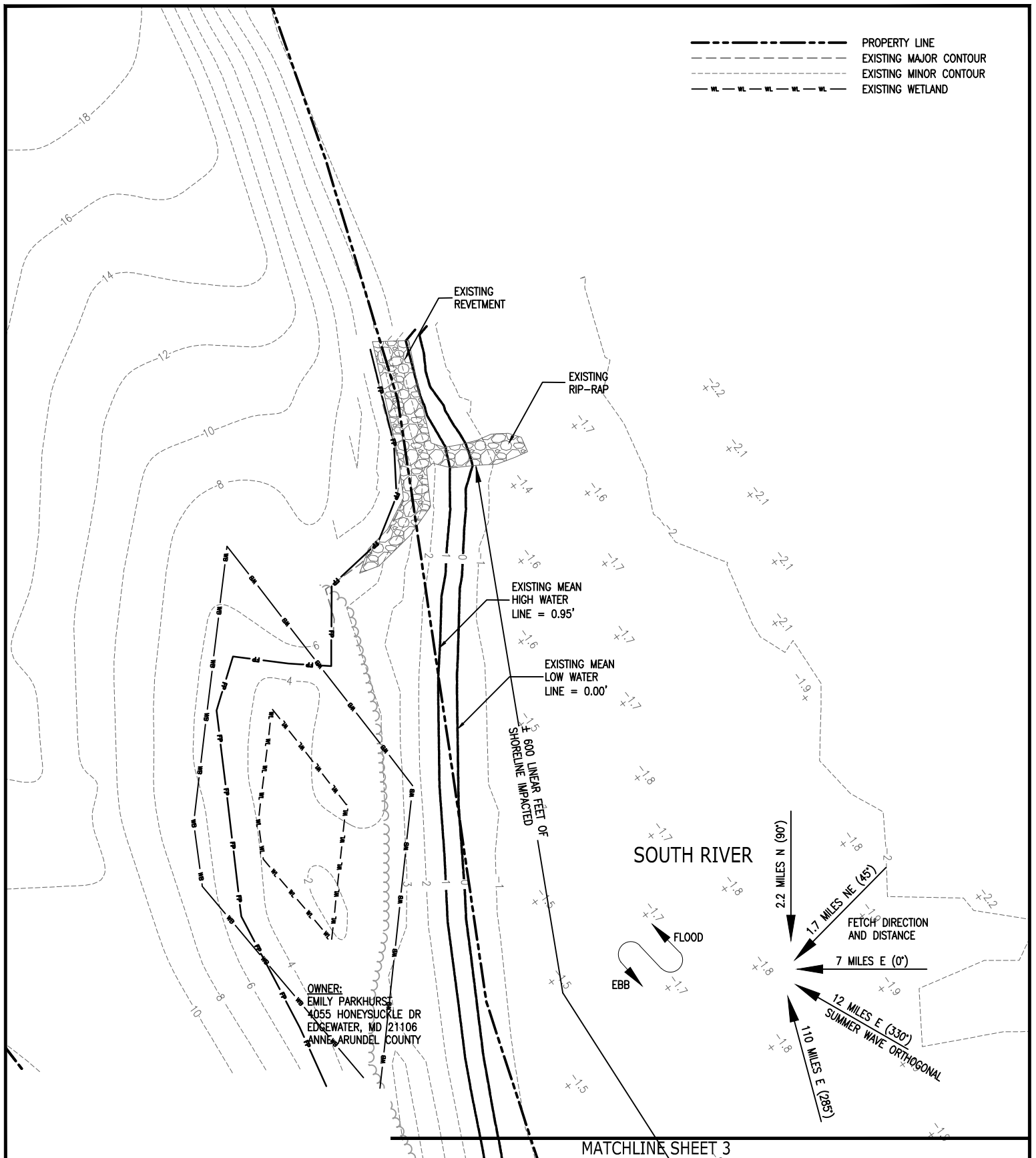


SCALE: 1" = 50'

DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honey-suckle Drive/CAD/Base

SHEET: 3 of 10



Applicant For Living Shoreline:
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:



esa

Environmental Systems Analysis, Inc.
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

EXISTING CONDITIONS

HONEYSUCKLE DRIVE
LIVING SHORELINE

Anne Arundel County, Maryland



SCALE: 1" = 50'

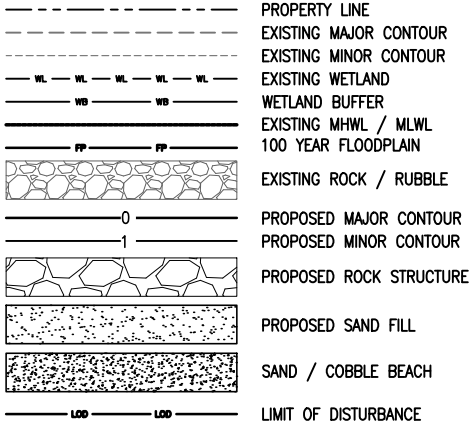
DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honey-suckle Drive/CAD/Base

SHEET: 4 of 10



LEGEND



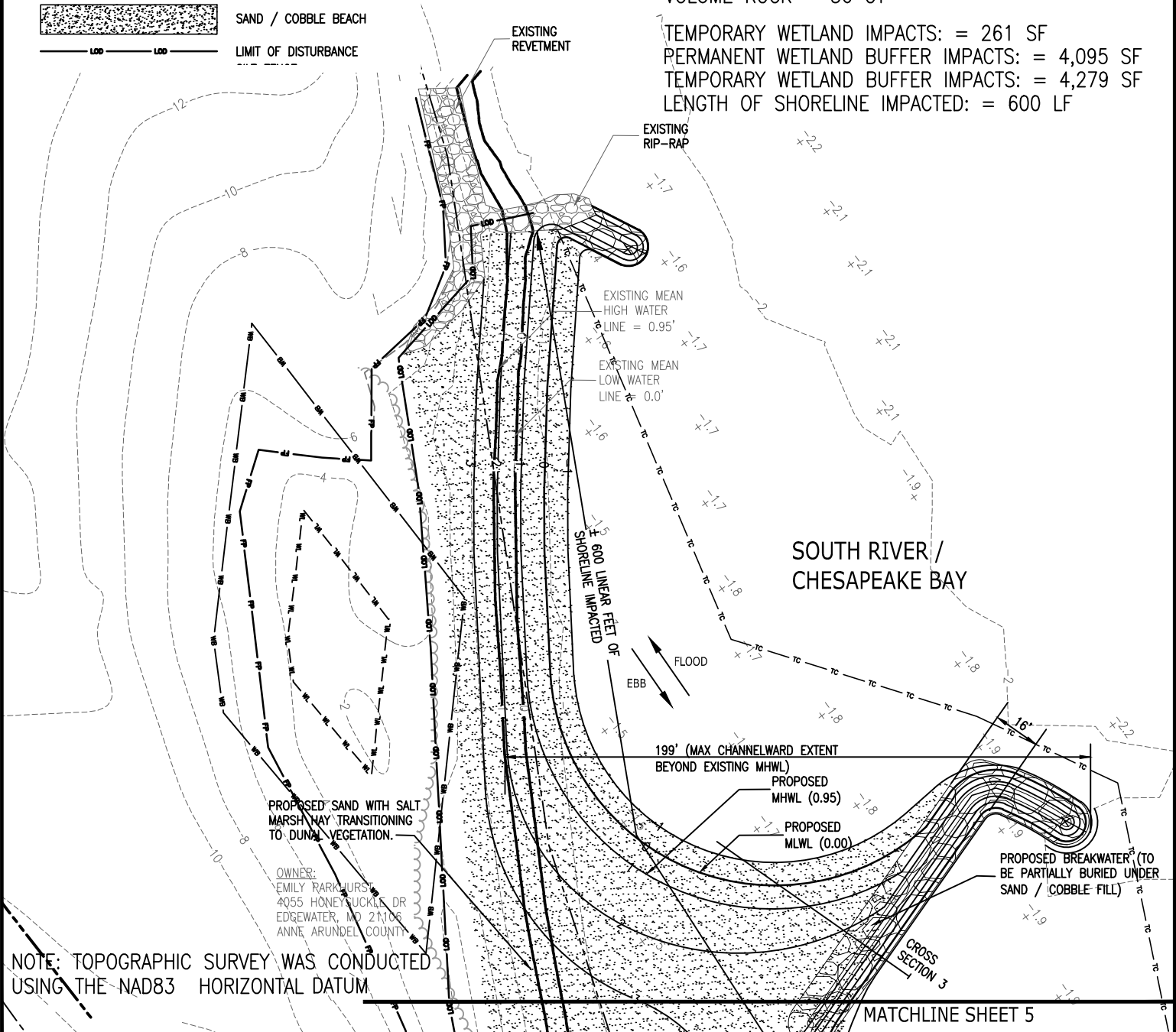
IMPACTS BELOW MHWL:

AREA SAND / COBBLE = 33,103 SF
 VOLUME SAND / COBBLE = $\pm 12,635$ CY
 AREA ROCK = 4,927 SF
 VOLUME ROCK = 508 CY

IMPACTS ABOVE MHWL:

AREA SAND / COBBLE = 9,649 SF
 VOLUME SAND / COBBLE = $1,465 \pm$ SF
 AREA ROCK = 390 SF
 VOLUME ROCK = 36 CY

TEMPORARY WETLAND IMPACTS: = 261 SF
 PERMANENT WETLAND BUFFER IMPACTS: = 4,095 SF
 TEMPORARY WETLAND BUFFER IMPACTS: = 4,279 SF
 LENGTH OF SHORELINE IMPACTED: = 600 LF



Applicant For
Living Shoreline:
 Arundel Rivers Federation
 2822 Solomons Island Road
 Edgewater, MD 21037

Prepared by:



esa

Environmental
Systems
Analysis, Inc.
 Natural Resources Management
 Ecological Restoration
 2141 Priest Bridge Drive, Suite 1
 Crofton, Maryland 21114

IMPACT PLATE

HONEYSUCKLE DRIVE
 LIVING SHORELINE

Anne Arundel County, Maryland

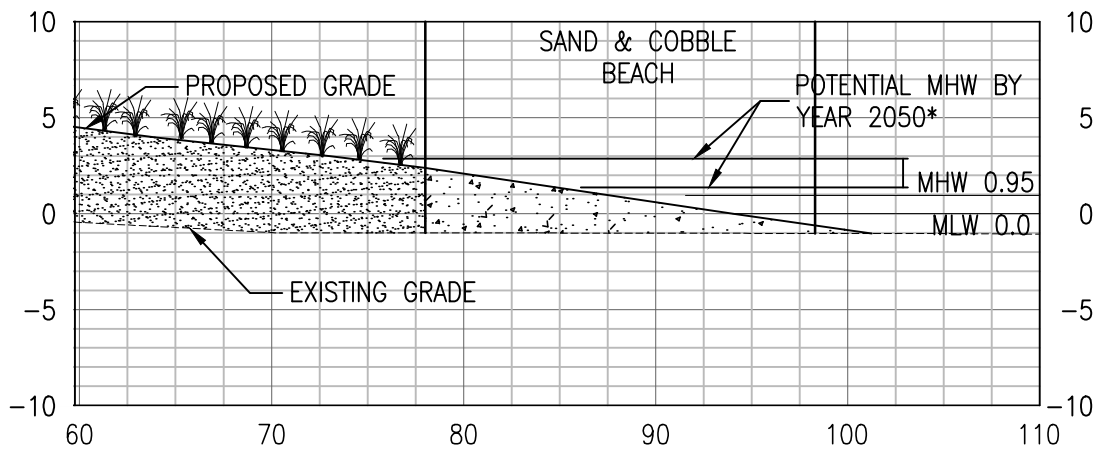
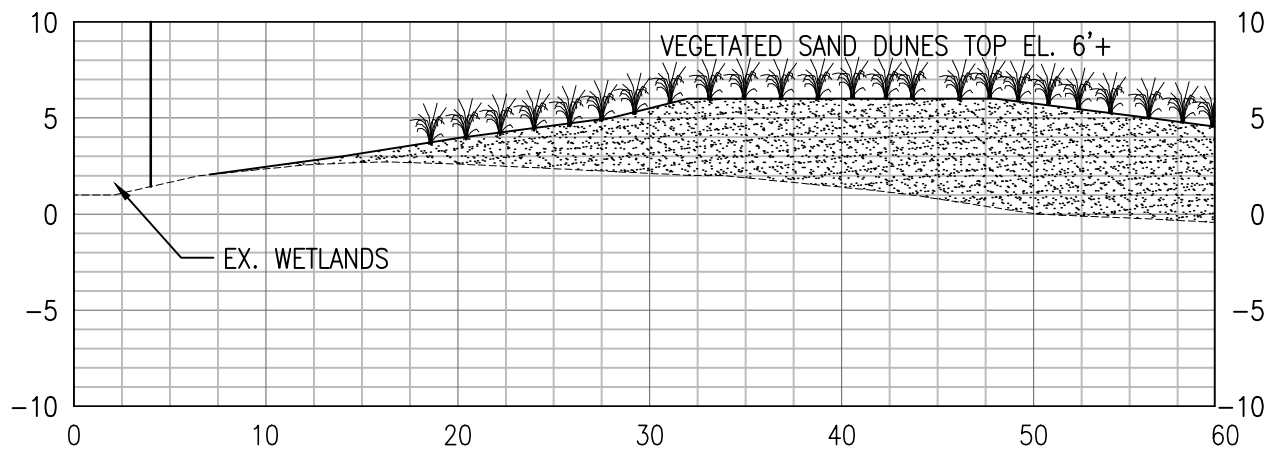


SCALE: 1" = 50'

DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honeysuckle Drive/CAD/Base

SHEET: 6 of 10



* ASSUMES A POTENTIAL SEA LEVEL RISE OF
BETWEEN 0.6 AND 2.3 FEET BY YEAR 2050

**Applicant For
Living Shoreline:**
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:



esa

**Environmental
Systems
Analysis, Inc.**
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

CROSS SECTION 1

HONEYSUCKLE DRIVE
LIVING SHORELINE

Anne Arundel County, Maryland

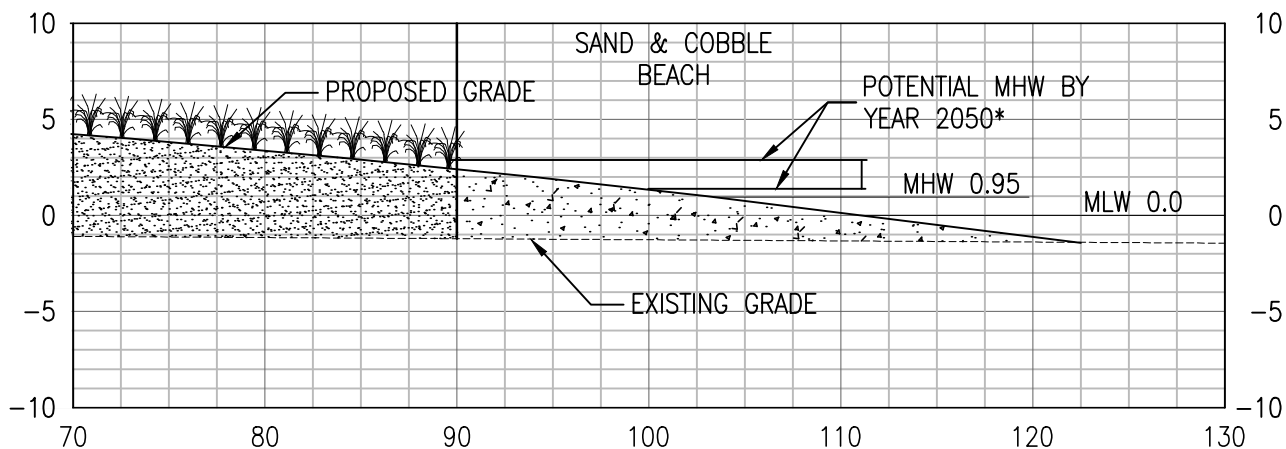
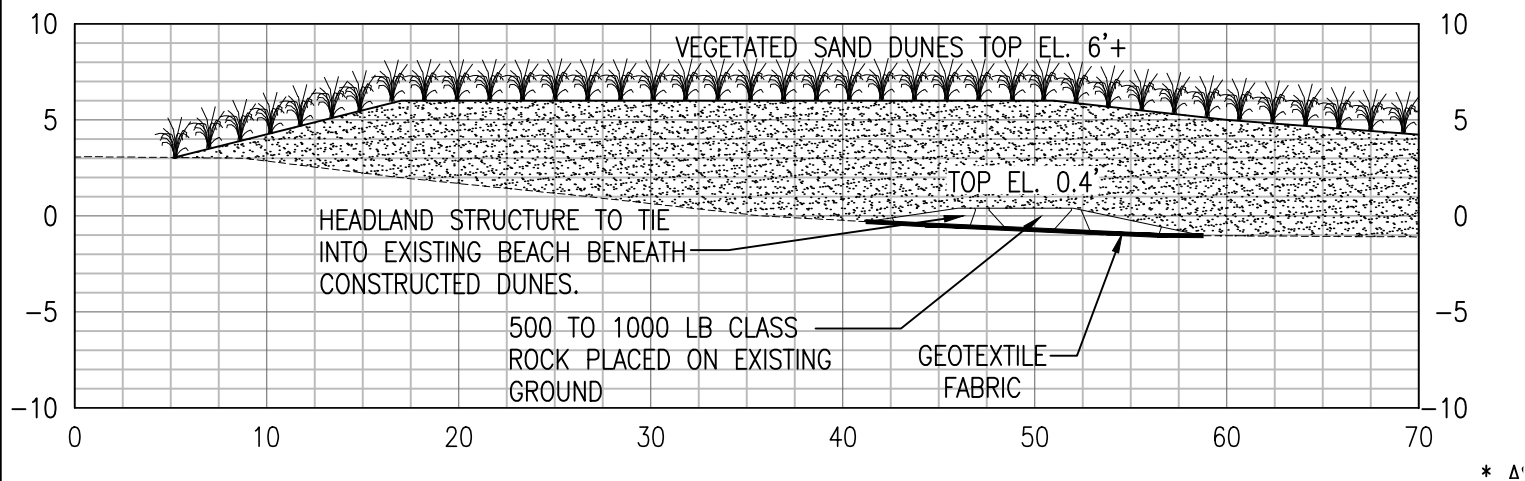


SCALE:

DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honey-
suckle Drive/CAD/Base

SHEET: 7 of 10



* ASSUMES A POTENTIAL SEA LEVEL RISE OF BETWEEN 0.6 AND 2.3 FEET BY YEAR 2050

PROPOSED PLANTINGS

SCIENTIFIC NAME	COMMON NAME
DUNE GRASSES	
SPARTINA PATENS	SALT MARSH CORD GRASS
AMMOPHILA BREVILIGULATA	AMERICAN BEACHGRASS
PANICUM AMARUM	COASTAL PANIC GRASS
PANICUM VIRGATUM	SWITCHGRASS
SHRUBS AND FORBS	
BACCHARIS HALMIFOLIA	GROUNDSEL TREE
PRUNUS MARITIMA	BEACH PLUM
SOLIDAGO SEMPERVIRENS	SEASIDE GOLDENROD
CHAMAECRISTA FASTICULATA	PARTRIDGE PEA

Applicant For Living Shoreline:
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:
 **Environmental Systems Analysis, Inc.**
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

CROSS SECTION 2

HONEYSUCKLE DRIVE
LIVING SHORELINE


Anne Arundel County, Maryland

SCALE:

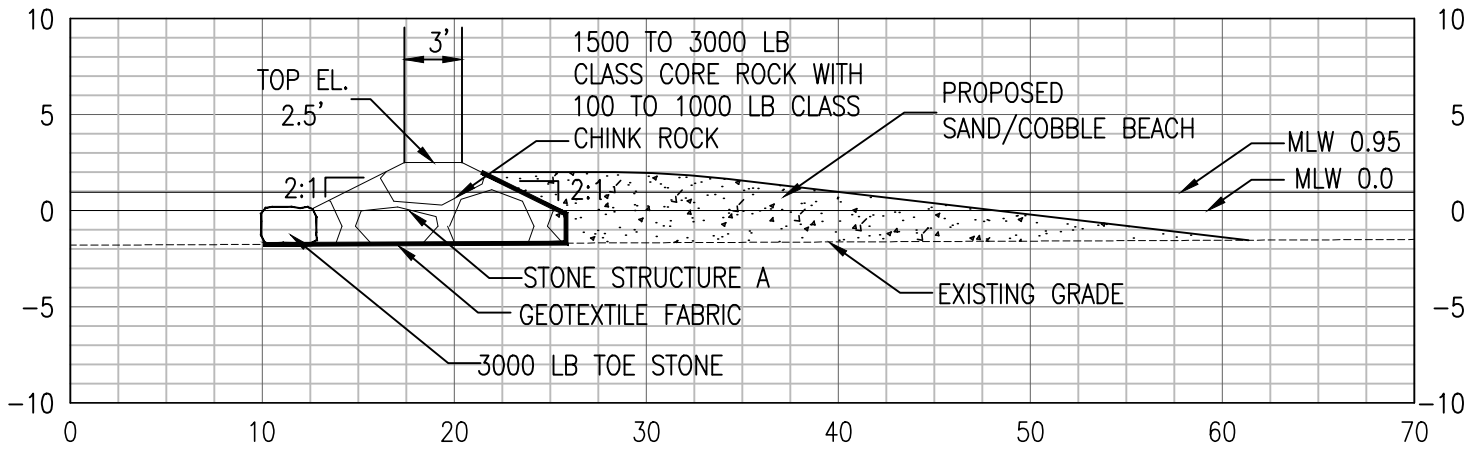
DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honeysuckle Drive/CAD/Base

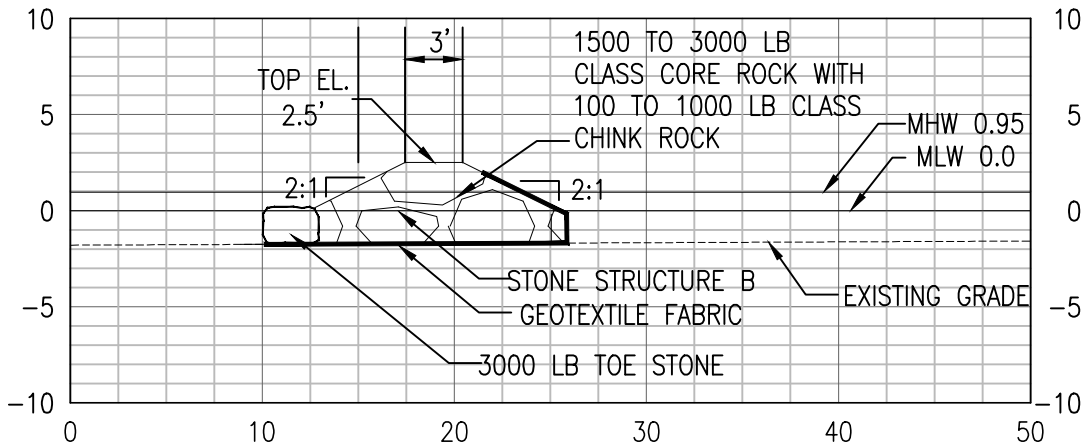
SHEET: 8 of 10

 NORTH

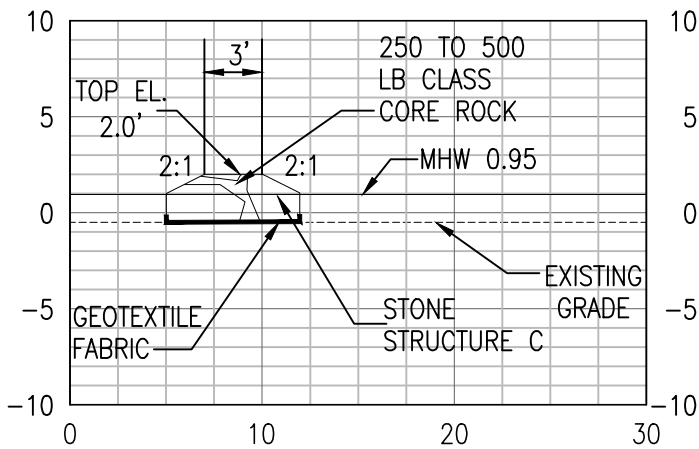
CROSS SECTIONS 3




CROSS SECTION 4



CROSS SECTION 5



Applicant For Living Shoreline:
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:
 **Environmental Systems Analysis, Inc.**
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

CROSS SECTIONS 3, 4, & 5

HONEYSUCKLE DRIVE
LIVING SHORELINE

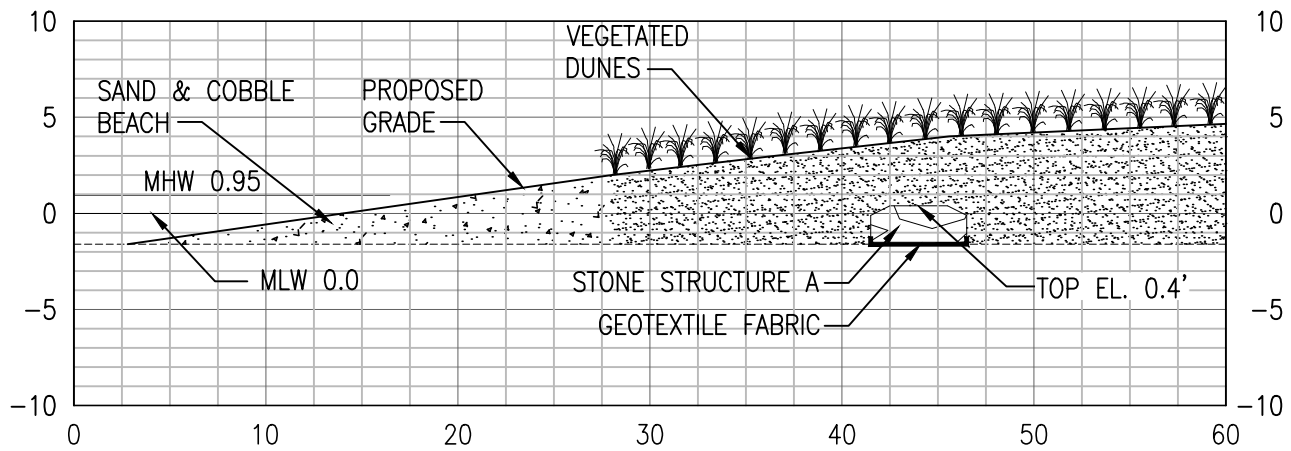
Anne Arundel County, Maryland

SCALE:
DATE: OCTOBER, 2021
ESA PROJECT NAME: 2019-26/Honeysuckle Drive/CAD/Base



SHEET: 9 of 10

CROSS SECTION 6



**Applicant For
Living Shoreline:**
Arundel Rivers Federation
2822 Solomons Island Road
Edgewater, MD 21037

Prepared by:
 **Environmental
Systems
Analysis, Inc.**
Natural Resources Management
Ecological Restoration
2141 Priest Bridge Drive, Suite 1
Crofton, Maryland 21114

CROSS SECTION 6

HONEYSUCKLE DRIVE LIVING SHORELINE

Anne Arundel County, Maryland



SCALE:

DATE: OCTOBER, 2021

ESA PROJECT NAME: 2019-26/Honey-
suckle Drive/CAD/Base

SHEET: 10 of 10