



**U.S. Army Corps  
of Engineers**  
Baltimore District  
PN-23-49

# Public Notice

**In Reply to Application Number  
NAB-2023-60934-M51 (Ort Farms, LLLP/Shoreline  
Stabilization)**  
Comment Period: December 13, 2023 to January 12, 2024

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**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:**

Ort Farms LLLP  
c/o Mr. Jose Suarez  
P.O. Box 366218  
Bonita Springs, Florida 34136

**WATERWAY AND LOCATION OF THE PROPOSED WORK:**

The proposed project is located in Trippe Creek, Tred Avon River, and Goldsborough Creek, located at 27129 Otwell Road in Oxford, Talbot County, Maryland (Project Latitude 38.698372, Longitude -76.136971).

**OVERALL PROJECT PURPOSE:**

To control shoreline erosion, provide beach nourishment, and create and enhance marsh along the shoreline of Lots 1 & 2, Otwell Road, Oxford, Maryland.

**PROJECT DESCRIPTION:**

The applicant proposes to control shoreline erosion along approximately 3,370 linear feet (lf) of estuarine shoreline using a combination of living shoreline, marsh edging, beach nourishment, and revetment practices as follows:

Stone Revetment: to construct approximately 300 lf of 10 to 11-feet (ft) wide rip rap revetment; all extending a maximum of 11 ft channelward of the approximate mean high water (MHW) shoreline.

Marsh Edging: to construct approximately 230 lf of 14-ft wide vented marsh edging at a top elevation of 2.0 ft above MHW; to construct approximately 95 lf of 15-ft wide vented marsh edging with a top elevation of 2.0 ft above MHW; to construct approximately 375 lf of 8-ft wide vented marsh edging with a top elevation of +0.5 ft MHW; and to construct approximately 420 lf of 5-ft wide marsh edging constructed at the same elevation as the marsh platform, no higher than existing MHW elevation at the marsh-open-water interface; all to extend a maximum of 17 ft channelward of the approximate MHW shoreline.

Living Shorelines: to construct approximately 750 lf of 9-ft wide vented low-profile stone sill with a top elevation of 0.5 ft above MHW, backfilled with 464 cubic yards (cyds) of clean sand and planted with approximately 12,518 square feet (sf) of *Spartina patens* and *S. alterniflora*; to construct 295 lf of 10-ft wide vented stone sill with a top elevation of 0.5 above MHW, backfilled with 204 cyds of clean sand and planted with 5,506 sf of *S. patens* and *S. alterniflora*; to construct 750 lf of 8-ft wide vented stone sill with a top elevation of 0.5 above MHW, backfilled with 528 cyds of clean sand and planted with 14,262 sf of *S. patens* and *S. alterniflora*; all to extend a maximum of 25 ft channelward of the approximate MHW shoreline.

Beach nourishment: to construct approximately 155 lf of 14-ft wide stone sill for sand containment with a top elevation of 2.0 ft above MHW, backfilled with 38 cyds of clean sand; all to extend a maximum of 45 ft channelward of the approximate MHW shoreline.

Please refer to the tables below for a summary of aquatic resource impacts.

#### EFFECTS ON AQUATIC RESOURCES:

Activity	Aquatic Resource Impact sf	Aquatic Resource Type	Authority
Beach Nourishment	4,085	Open Water	Section 10/404
	7,715		
	504	Submerged Aquatic Vegetation (SAV)	
Living Shoreline	28,050	Open Water	
	16,390	Tidal Wetlands	
	1,943	SAV	
Stone Revetment	3,414	Open Water	
<b>Total:</b>	35,549	Open Water	
	2,447	SAV	
	16,390	Tidal Wetlands	

Activity	Aquatic Resource Creation/Enhancement	Aquatic Resource Type	Authority
Marsh Enhancement	29,936	Tidal Wetlands	Section 10/404
Low Marsh Creation	16,143		
High Marsh Creation	16,143		
<b>Total:</b>	62,222	Tidal Wetlands	

**LEAD FEDERAL AGENCY:**

The United States 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:**

The applicant has proposed approximately 62,101 sf (1.42 acres (ac)) impact area along 3,370 lf of estuarine shoreline to include 43,264 sf (0.99 ac) impact area of unvegetated shallows, 2,447 sf (0.06 ac) impact area of SAV as mapped by the Virginia Institute of Marine Science from 2018 to 2022, and 16,390 sf (0.38 ac) of temporary impacts to existing tidal marsh vegetation for enhancement activities.

The applicant proposes to create approximately 32,286 sf (0.74 ac) area of high and low marsh zones as part of the living shoreline construction, for a net increase of 15,896 sf (0.36 ac) of tidal fringe marsh. The applicant also proposes to enhance approximately 29,936 sf (0.69 ac) of existing marsh dominated by *Phragmites australis* by eradicating *P. australis* and replanting with *S. alterniflora* and other suitable native tidal marsh vegetation species.

The project as detailed above represents a reduction in impacts from the applicant's initial July 18, 2023 submittal to the Corps. Impacts were reduced by approximately 58,537 sf (1.34 ac), primarily through eliminating plans to raise the elevation of existing marsh with sand fill and eliminating stone sill permanent impacts in marshy coves, or by proposing to use marsh toe edging instead of traditional living shoreline stabilization techniques resulting in a reduced channelward footprint. Sand fill was also eliminated from two (2) areas of marsh enhancement to maintain or increase the suitability of the site for survival of desired native marsh species.

Since the project is anticipated to result in a net increase of approximately 15,896 sf of marsh vegetation and proposes to impact a small area of submerged aquatic vegetation (2,447 sf) relative to the overall size of the project footprint, the Corps has preliminarily determined that the project represents a net increase in aquatic ecosystem function and is, therefore, not recommending compensatory mitigation to offset aquatic resource losses.

#### **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, United States Environmental Protection Agency.

#### **ENDANGERED SPECIES:**

A preliminary review of this application indicates that the proposed work is not likely to adversely affect 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 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 not have a substantial 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 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 adverse 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 the United States Army Corps of Engineers. 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/Missions/Regulatory/Section-408-Requests/>.

**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 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 United States 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-2023-60934-M51.

**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

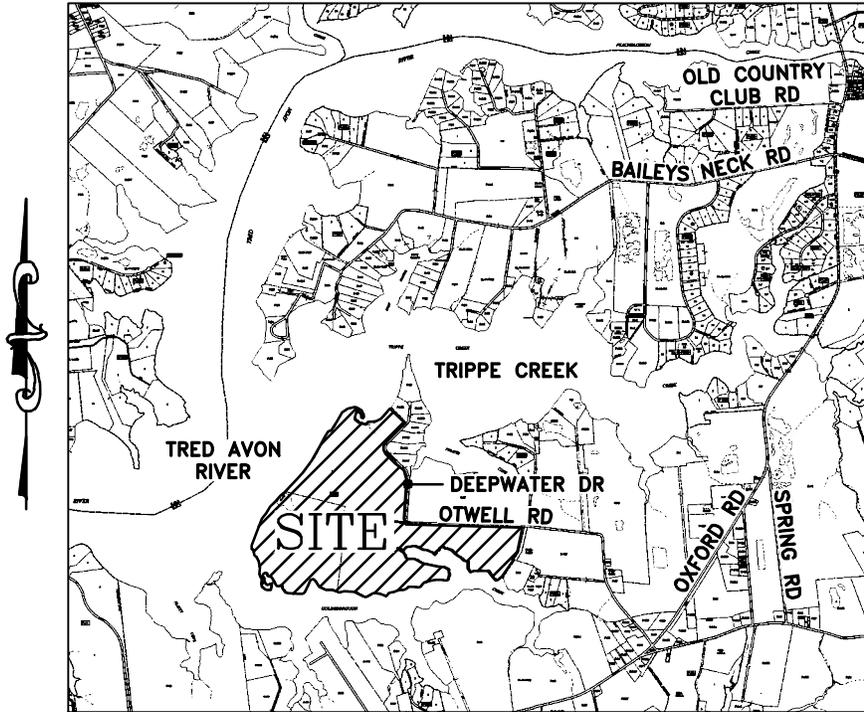
must clearly set forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected. The public hearing request may be submitted by electronic mail or mailed to the following address:

Ms. Megan Spindler  
[megan.l.spindler@usace.army.mil](mailto:megan.l.spindler@usace.army.mil)  
U.S. Army Corps of Engineers, Baltimore District  
Regulatory Branch  
218 North Washington Street, Suite 304  
Easton, Maryland 21601

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 Ms. Megan Spindler at [megan.l.spindler@usace.army.mil](mailto:megan.l.spindler@usace.army.mil). This public notice is issued by the Chief, Regulatory Branch.

SHORELINE STABILIZATION PERMIT DRAWINGS  
 PREPARED FOR  
 ORT FARMS, LLLP  
 IN THE THIRD ELECTION DISTRICT  
 TALBOT COUNTY, MARYLAND



VICINITY MAP  
 SCALE: 1" = 5,000'

ENGINEER

Lane Engineering, LLC  
 117 BAY STREET  
 EASTON, MARYLAND 21601  
 (410) 822-8003

OWNER/DEVELOPER

LOTS 1 & 2  
 ORT FARMS, LLLP  
 C/O JOSE SUAREZ  
 P.O. BOX 366218  
 BONITA SPRINGS, FL 34136  
 (203) 767-2450

PROJECT LOCATION

LOT 1  
 OTWELL ROAD  
 OXFORD, MD 21654  
  
 LOT 2  
 27129 OTWELL ROAD  
 OXFORD, MD 21654

ISSUE FOR:	DATE:	BY:	No.	DATE:	REVISION:	BY:
MDE SUBMITTAL	06/07/23	DSR				
MDE & USACE SUBMITTAL	11/12/23	DSR				
MDE & USACE SUBMITTAL	11/14/23	DSR				

FILE No. A228  
 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No.  
 1 OF 32

**TITLE SHEET**  
 ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

**Lane Engineering, LLC**  
 Established 1986  
 Civil Engineers • Land Planning • Land Surveyors



E-mail: general@leinc.com  
 117 Bay St. Easton, MD 21601 (410) 822-8003  
 15 Washington St. Cambridge, MD 21613 (410) 221-0818  
 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095

## LEGEND & ABBREVIATIONS

MHW MEAN HIGH WATER (APPROXIMATE)  
 MLW MEAN LOW WATER (APPROXIMATE)  
 SAV SUBMERGED AQUATIC VEGETATION  
 TYP TYPICAL

PROPERTY LINE   
 TOP OF BANK   
 TREE LINE   
 LIMIT OF TIDAL WETLANDS   
 TIDAL WETLANDS   
 2021 MAPPED SAV   
 2020 MAPPED SAV   
 2019 MAPPED SAV   
 SPOT ELEVATION/SOUNDING 

## PROJECT NOTES

1. THE PROPERTY BOUNDARIES SHOWN HEREON WERE TAKEN FROM A REVISION AND SUBDIVISION PLAT PREPARED BY LANE ENGINEERING, LLC RECORDED AT MAS 83/156. THE SHORELINE FEATURES SHOWN HEREON WERE SURVEY LOCATED BY LANE ENGINEERING, LLC IN NOVEMBER, 2022.
2. THESE DRAWINGS ARE FOR PERMIT PURPOSES ONLY AND ARE NOT TO BE USED AS AN ACCURATE CONSTRUCTION DOCUMENT.
3. TIDAL DATUM, I.E. MEAN LOW WATER ELEVATION, IS ESTIMATED FROM ENVIRONMENTAL INDICATORS SUCH AS RACK LINES, WATER MARKS, PLANT COMMUNITY COMPOSITIONS.
4. UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN HEREIN ARE REFERENCED TO MEAN LOW WATER = 0.0'.
5. LOT SIZE = 285.922 AC± (LOT 1, PER PLAT 83/156)  
110.659 AC± (LOT 2, PER PLAT 83/156)
6. ZONING CLASSIFICATION = RC (RURAL CONSERVATION)  
WRC (WESTERN RURAL CONSERVATION)
7. 911 ADDRESS = OTWELL ROAD OXFORD, MD 21654 (LOT 1)  
27129 OTWELL ROAD OXFORD, MD 21654 (LOT 2)

### SITE & PROJECT NOTES

ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND

IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

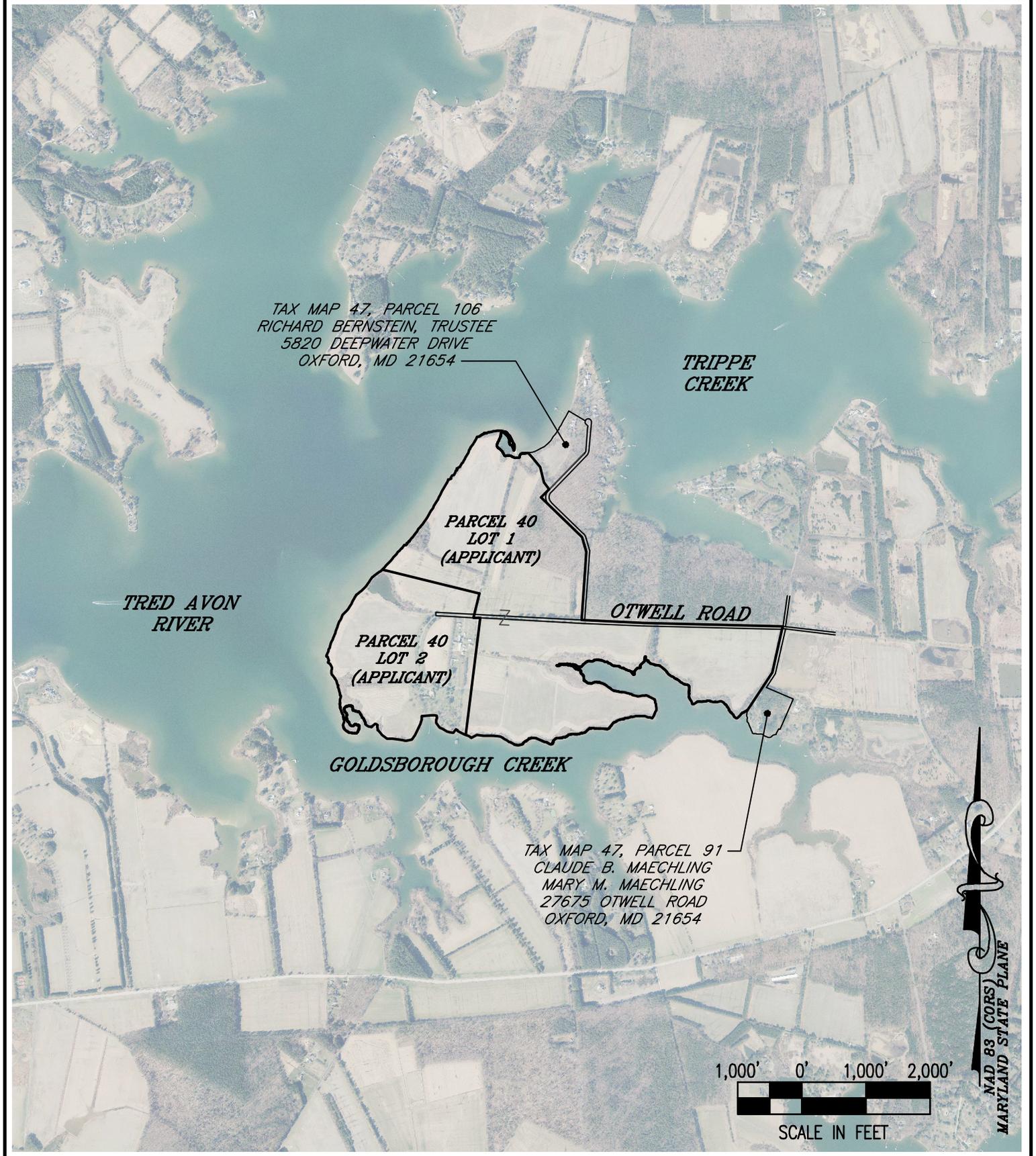
### Lane Engineering, LLC

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SHEET No.  
 2 OF 32  
 DATE: AS NOTED  
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 FILE No. A228



TAX MAP 47, PARCEL 106  
 RICHARD BERNSTEIN, TRUSTEE  
 5820 DEEPWATER DRIVE  
 OXFORD, MD 21654

TRIPPE  
 CREEK

PARCEL 40  
 LOT 1  
 (APPLICANT)

TRED AVON  
 RIVER

OTWELL ROAD

PARCEL 40  
 LOT 2  
 (APPLICANT)

GOLDSBOROUGH CREEK

TAX MAP 47, PARCEL 91  
 CLAUDE B. MAECHLING  
 MARY M. MAECHLING  
 27675 OTWELL ROAD  
 OXFORD, MD 21654



SCALE IN FEET

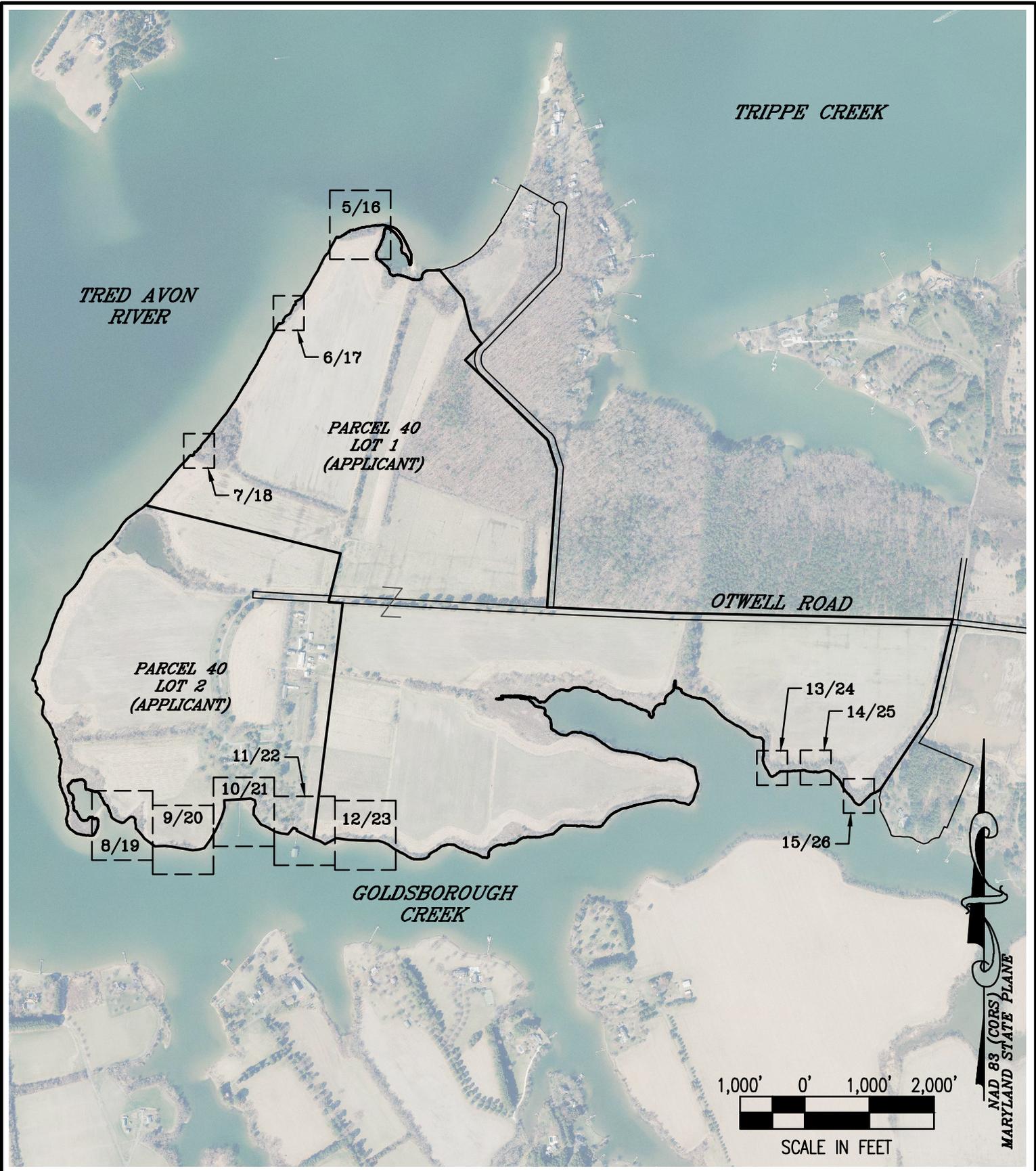
NAD 83 (CORS)  
 MARYLAND STATE PLANE

FILE No. A228  
 JOB No. 220031  
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 DATE: AS NOTED  
 SHEET No.  
 3 OF 32

**SITE OVERVIEW**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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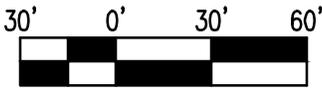


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 SHEET No. 4 OF 32

**SHEET INDEX**  
 ON THE LANDS OF  
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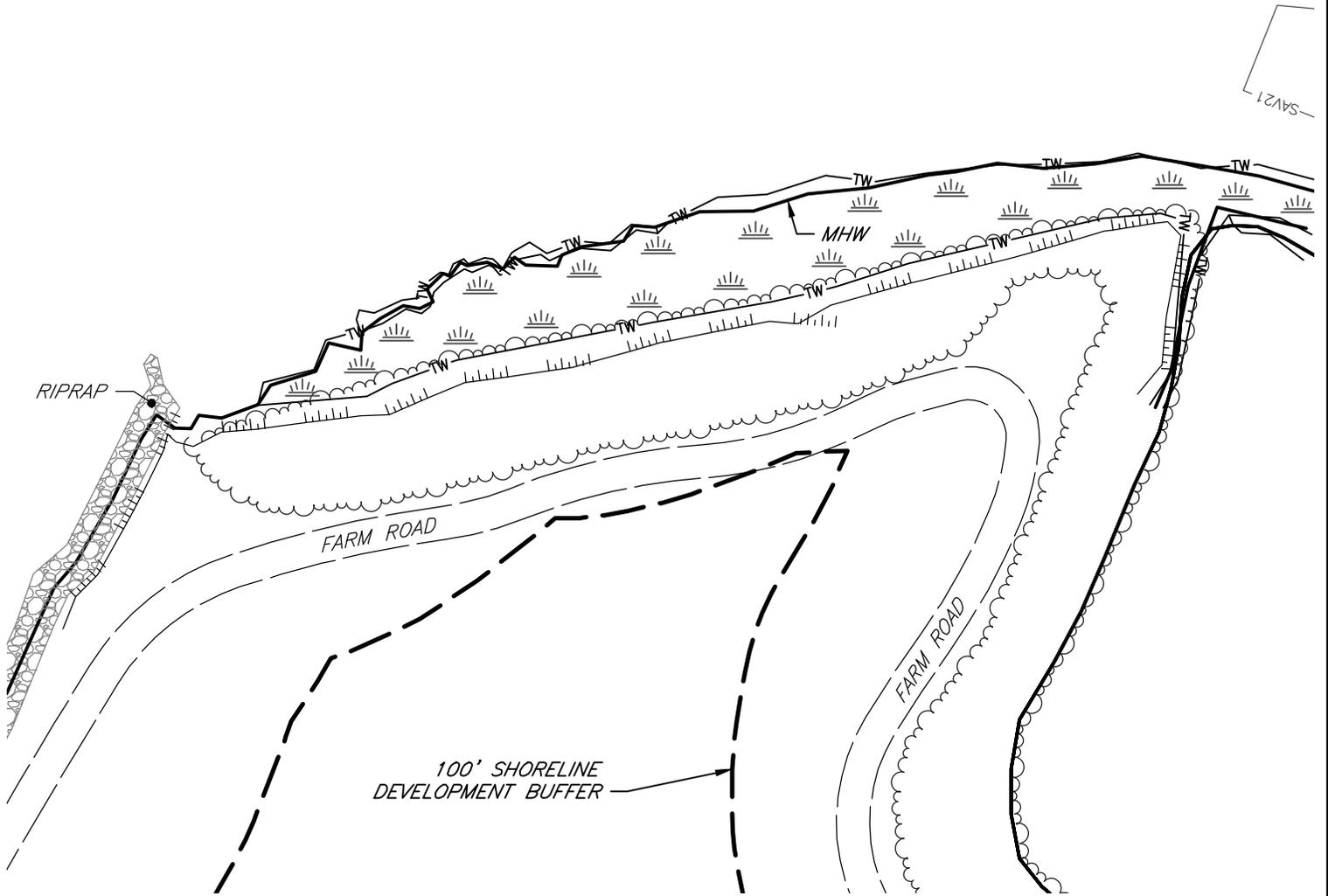
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SCALE IN FEET

NAD 83 (CORS)  
 MARYLAND STATE PLANE

*TRIPPE CREEK*



**EXISTING CONDITIONS**

**ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

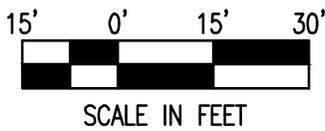
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SHEET No. **5 OF 32**  
 DATE: AS NOTED  
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 FILE No. A228



NAD 88 (CORS)  
 MARYLAND STATE PLANE

*TRED AVON RIVER*

RIPRAP

MHW

FARM ROAD

100' SHORELINE DEVELOPMENT BUFFER

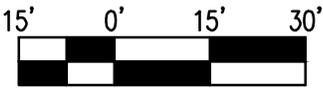
RIPRAP

EXISTING 12" HDPE  
 NOTE: PIPE TO BE EXTENDED THROUGH RIPRAP AS NEEDED

SHEET No.  
**6 OF 32**  
 DATE: AS NOTED  
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**EXISTING CONDITIONS**  
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**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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SCALE IN FEET

NAD 83 (COBS)  
 MARYLAND STATE PLANE

TRED AVON  
RIVER

RIPRAP

RIPRAP

MHW

100' SHORELINE  
DEVELOPMENT BUFFER

FARM ROAD

**EXISTING CONDITIONS**

**ON THE LANDS OF  
ORT FARMS, LLLP  
OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

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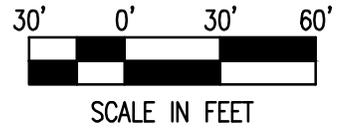
SHEET No.  
**7 OF 32**

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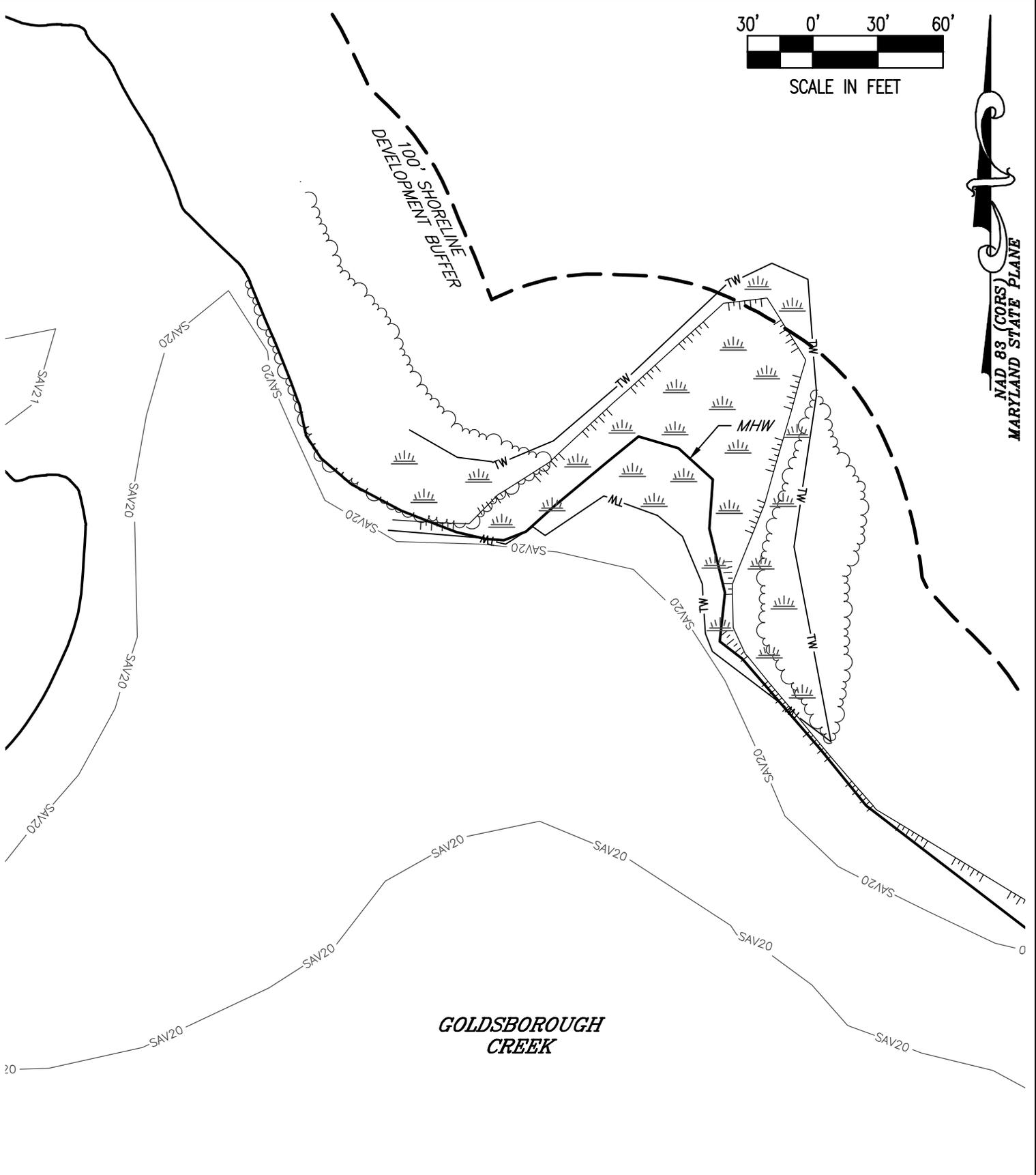
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100' SHORELINE BUFFER  
DEVELOPMENT

MHW

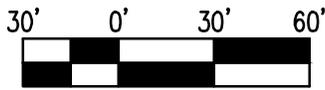
**GOLDSBOROUGH  
CREEK**



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**8 OF 32**

**EXISTING CONDITIONS**  
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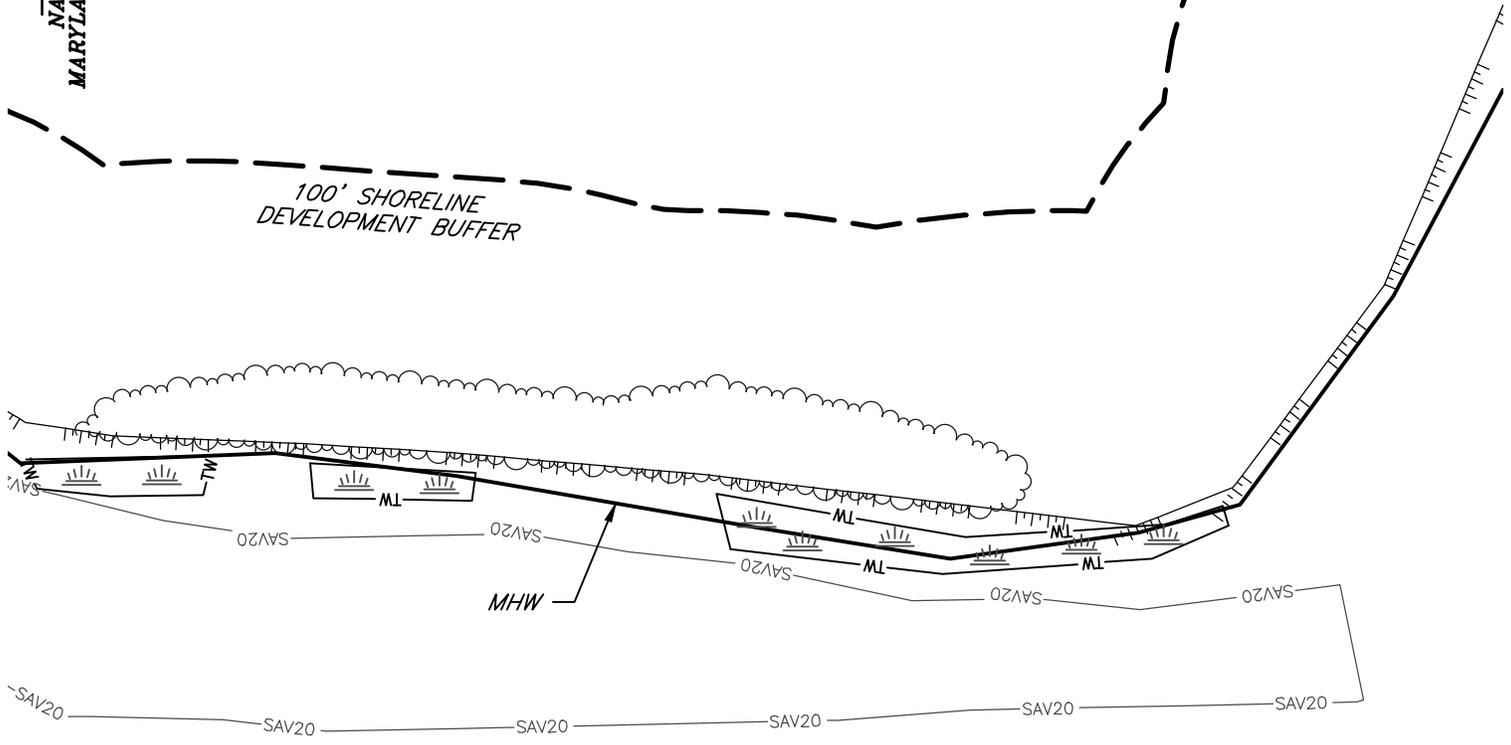
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SCALE IN FEET

NAD 83 (CORS)  
MARYLAND STATE PLANE

100' SHORELINE  
DEVELOPMENT BUFFER



**GOLDSBOROUGH  
CREEK**

**EXISTING CONDITIONS**

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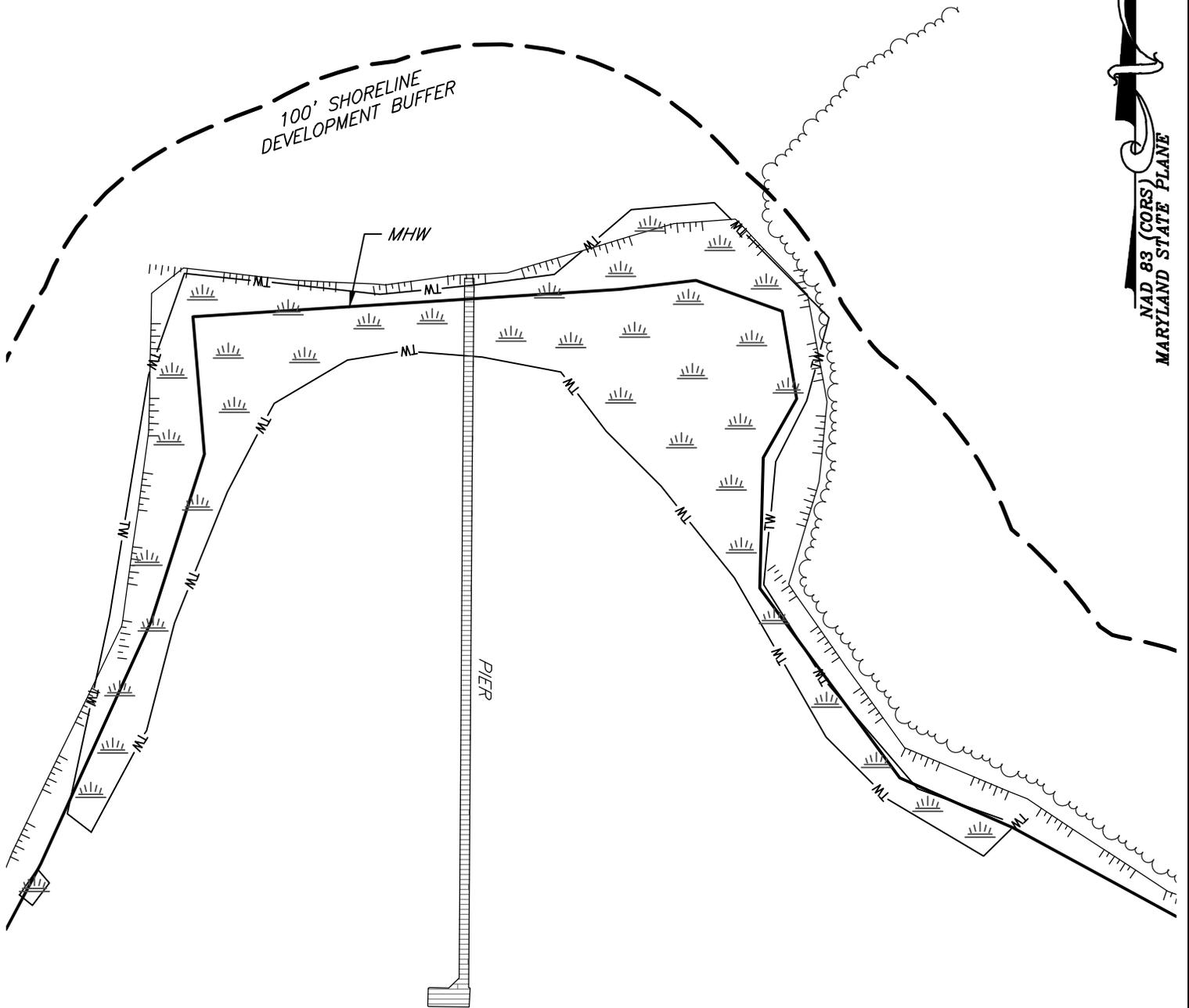
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**9 OF 32**



SCALE IN FEET

NAD 83 (CORS)  
 MARYLAND STATE PLANE



**GOLDSBOROUGH  
CREEK**

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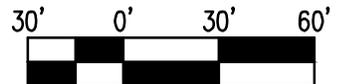
SHEET No.  
**10 OF 32**

DATE: AS NOTED

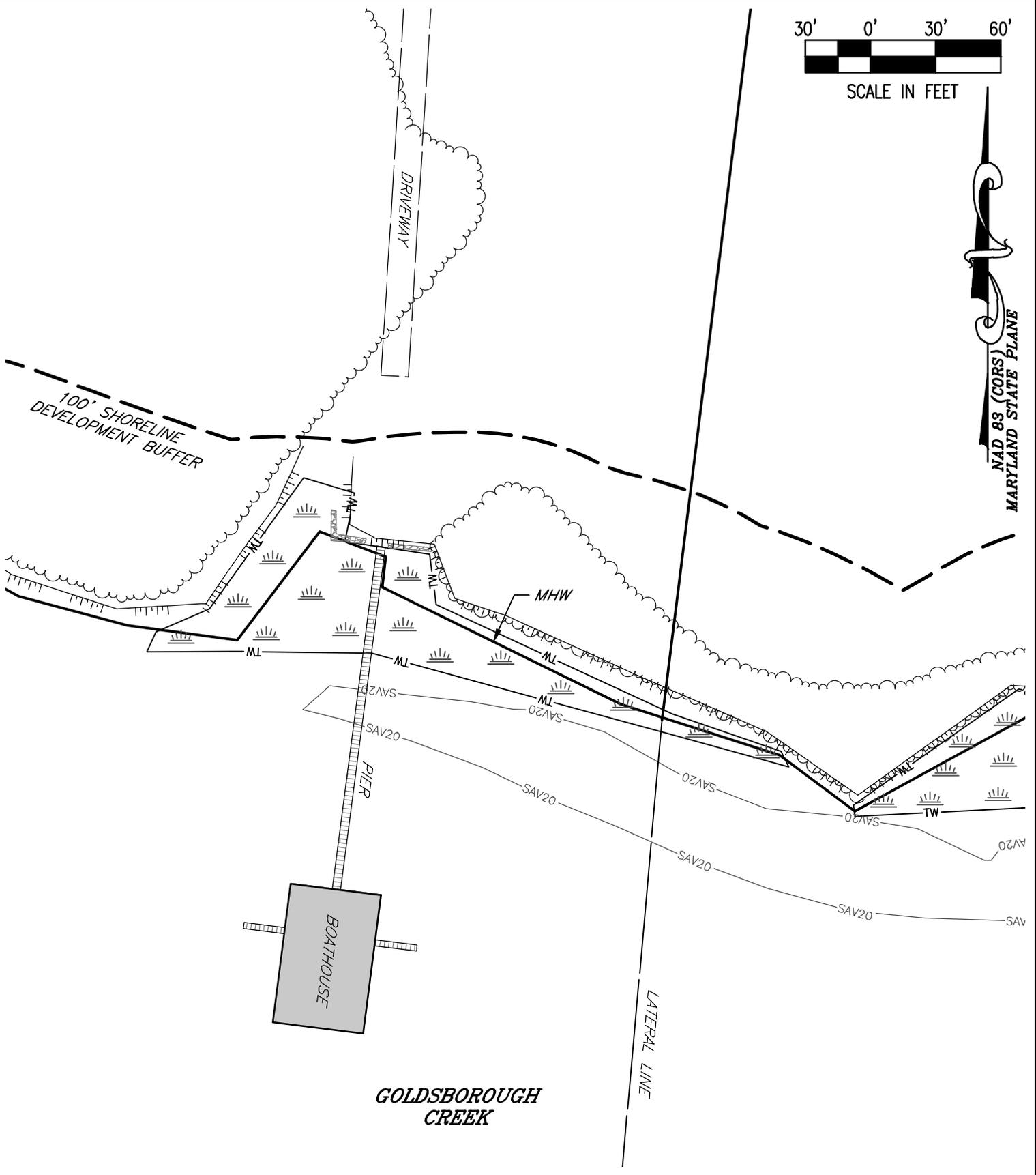
SCALE: AS NOTED

JOB No. 220031

FILE No. A228



SCALE IN FEET



**GOLDSBOROUGH CREEK**

**EXISTING CONDITIONS**

**ON THE LANDS OF  
ORT FARMS, LLLP  
OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

**Lane Engineering, LLC**

Established 1986  
Civil Engineers • Land Planning • Land Surveyors



E-mail: general@leinc.com  
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15 Washington St. Cambridge, MD 21613 (410) 221-0818  
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SHEET No.  
**11 OF 32**

DATE: AS NOTED

SCALE: AS NOTED

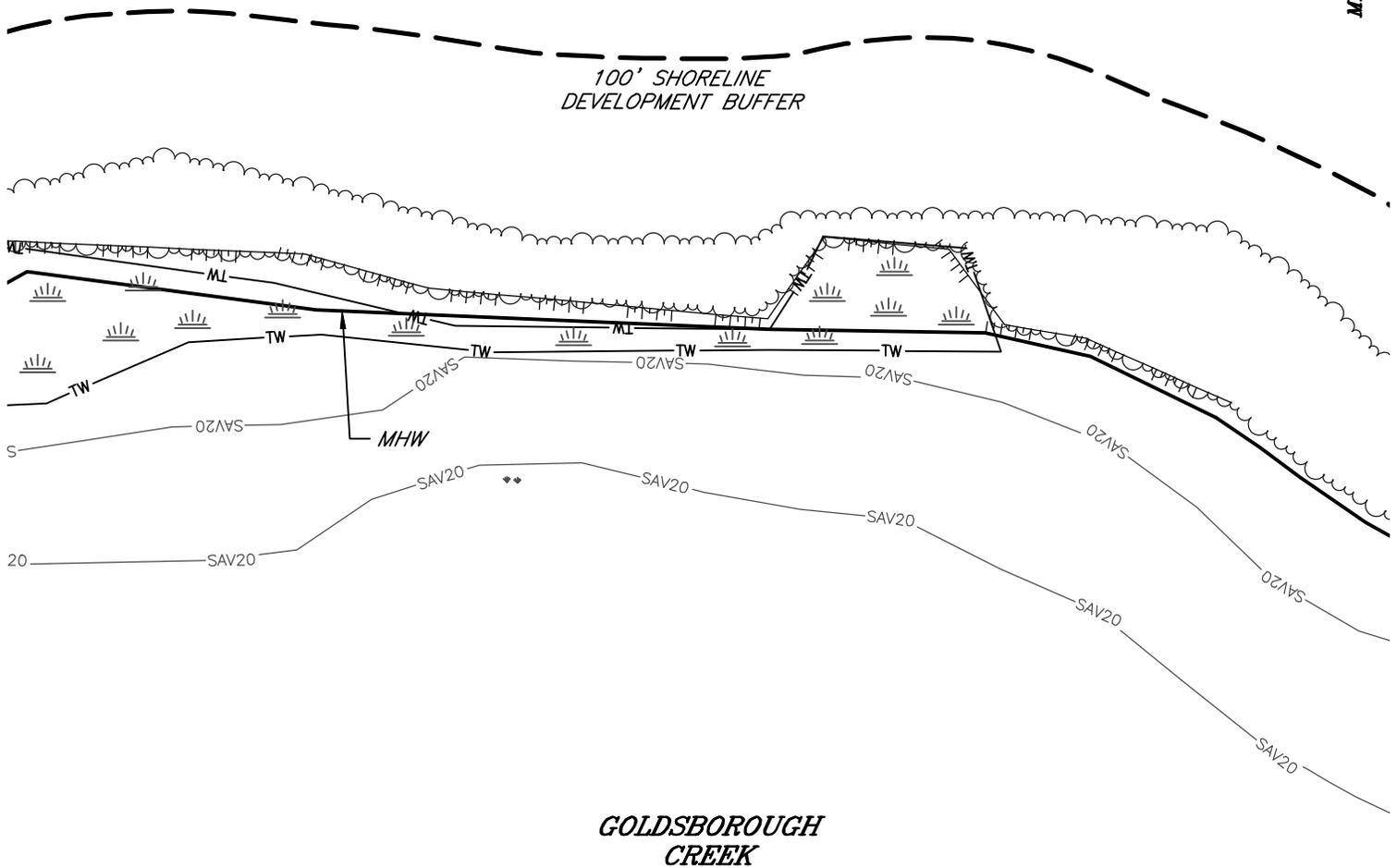
JOB No. 220031

FILE No. A228

30' 0' 30' 60'



SCALE IN FEET



FILE No. A228

JOB No. 220031

SCALE: AS NOTED

DATE: AS NOTED

SHEET No. 12 OF 32

**EXISTING CONDITIONS**

**ON THE LANDS OF**

**ORT FARMS, LLLP**

**OXFORD, MARYLAND**

IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY

TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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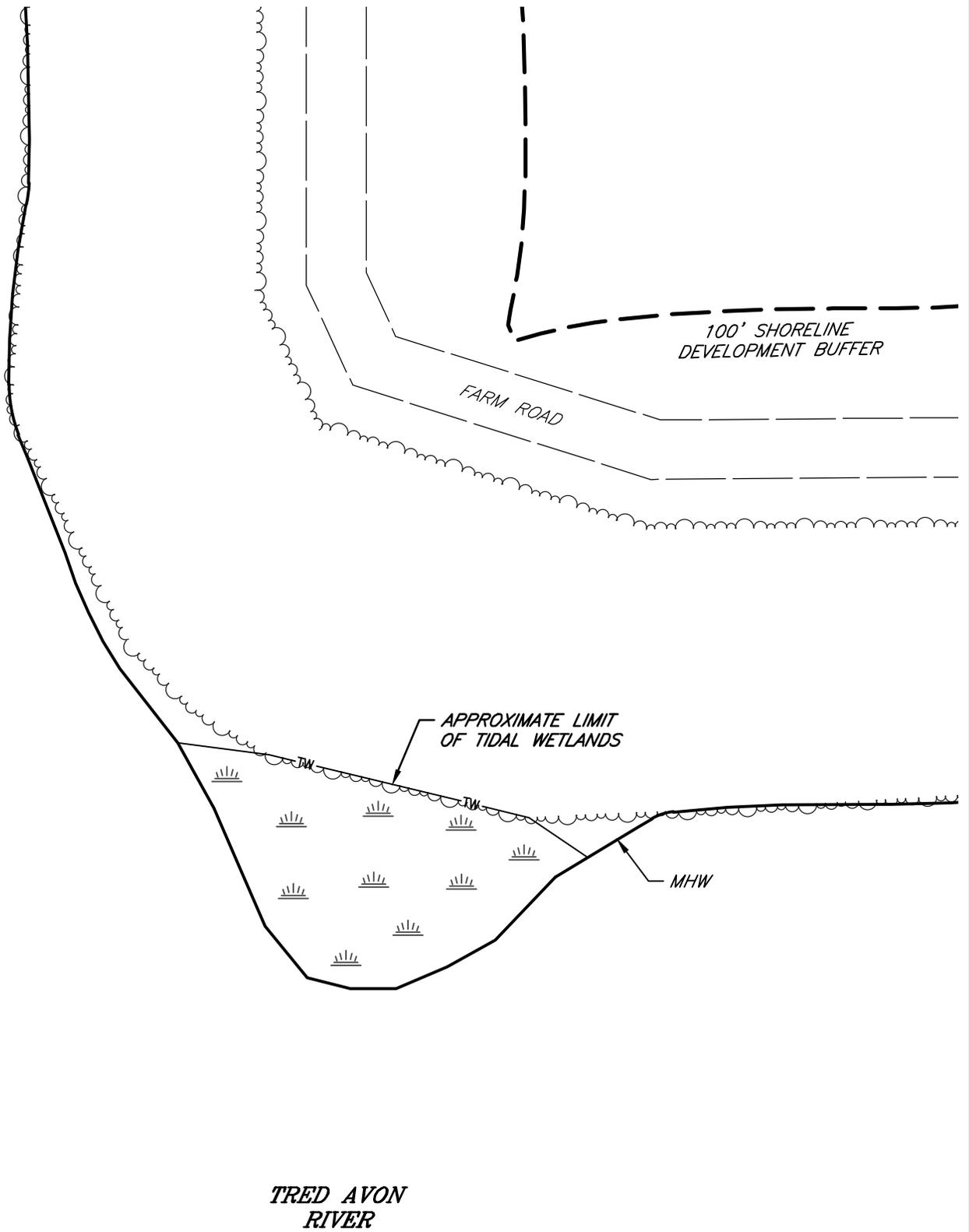


E-mail: general@leinc.com

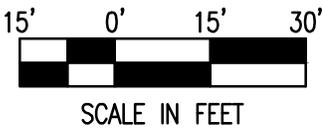
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NAD 83 (CORS)  
 MARYLAND STATE PLANE

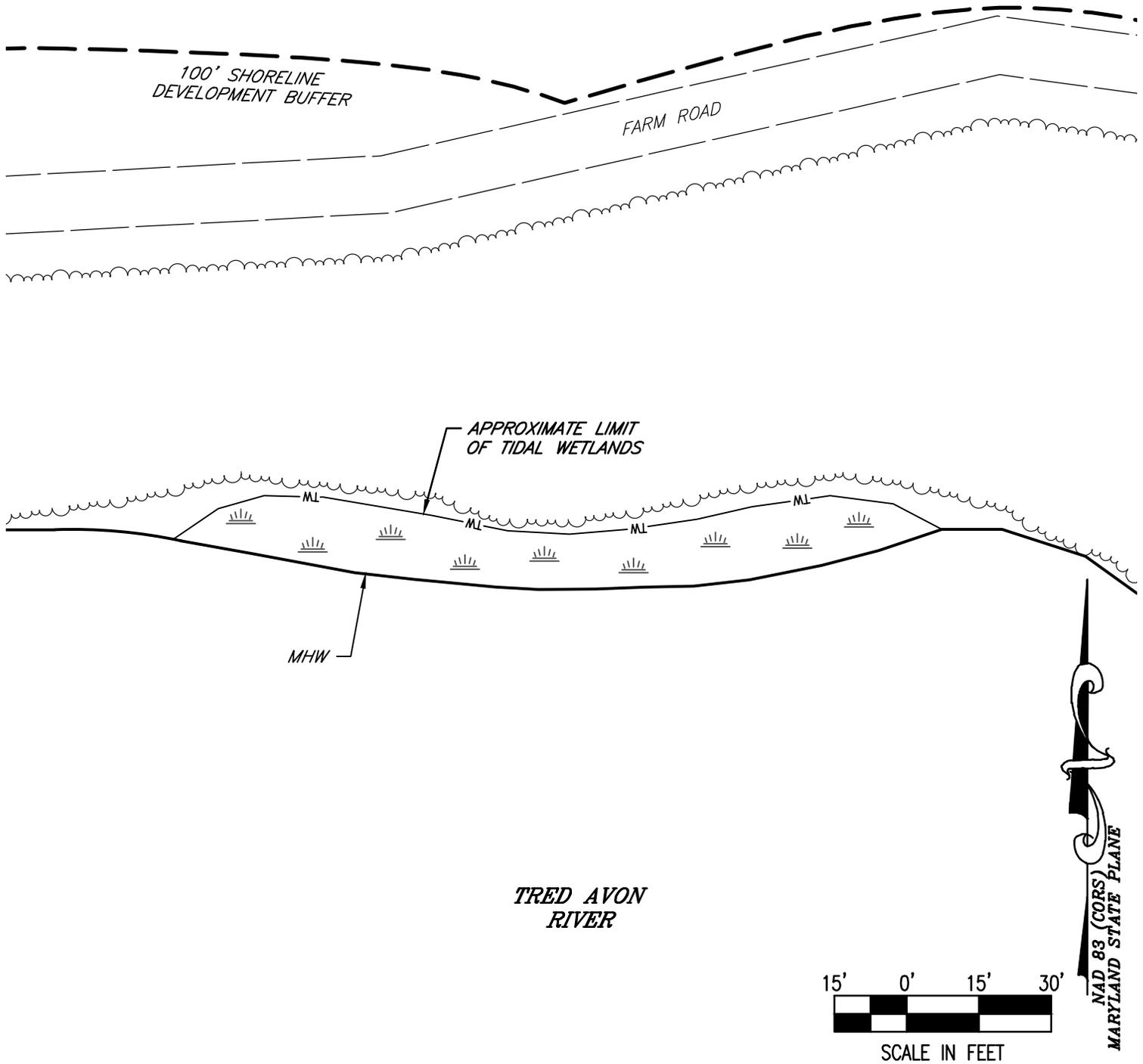


SHEET No.  
**13 OF 32**  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 220031  
 FILE No. A228

**EXISTING CONDITIONS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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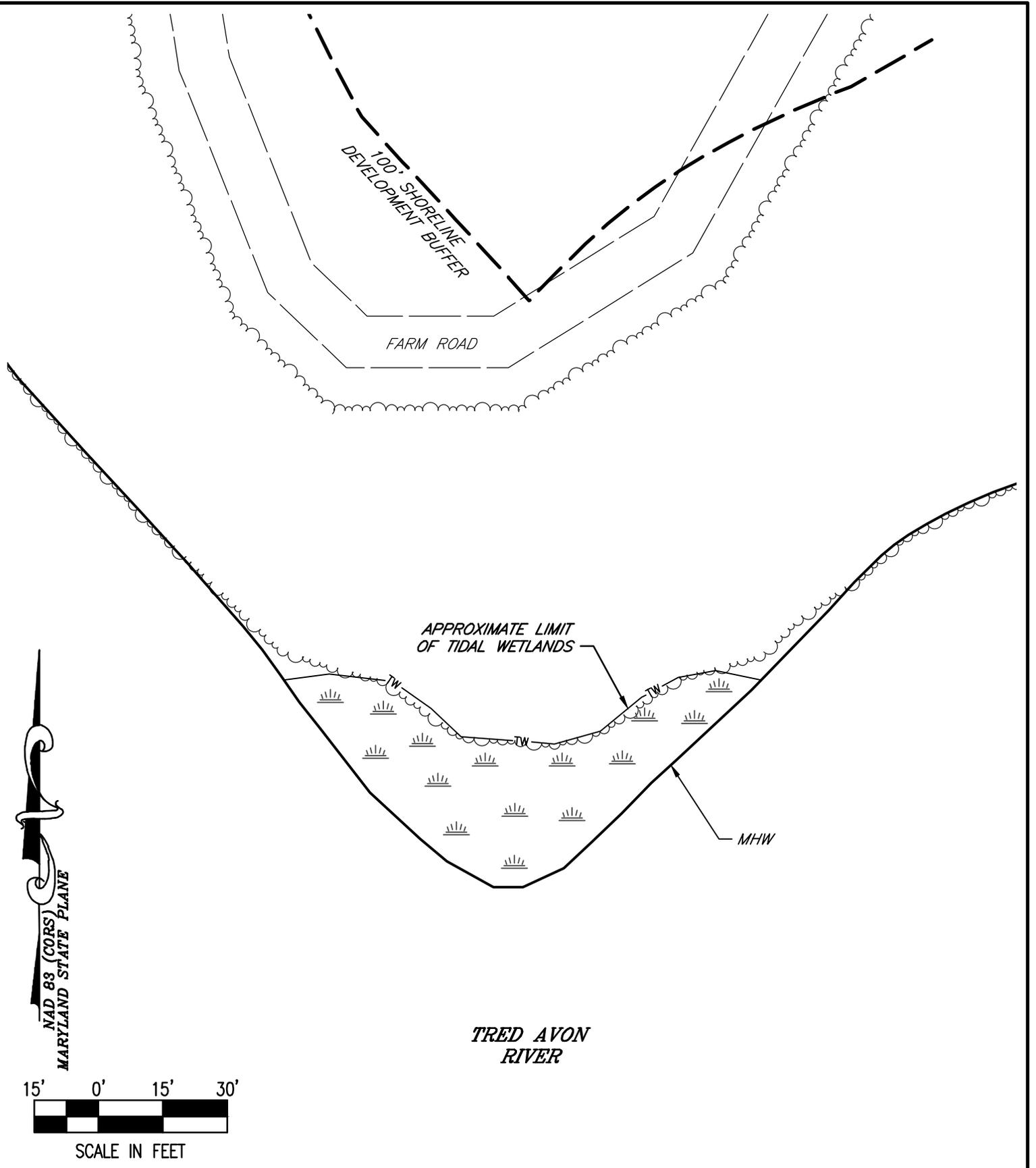
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SHEET No.  
**14 OF 32**  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 220031  
 FILE No. A228

**EXISTING CONDITIONS**  
**ON THE LANDS OF**  
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**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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FILE No. A228  
 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No.  
**15 OF 32**

**EXISTING CONDITIONS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

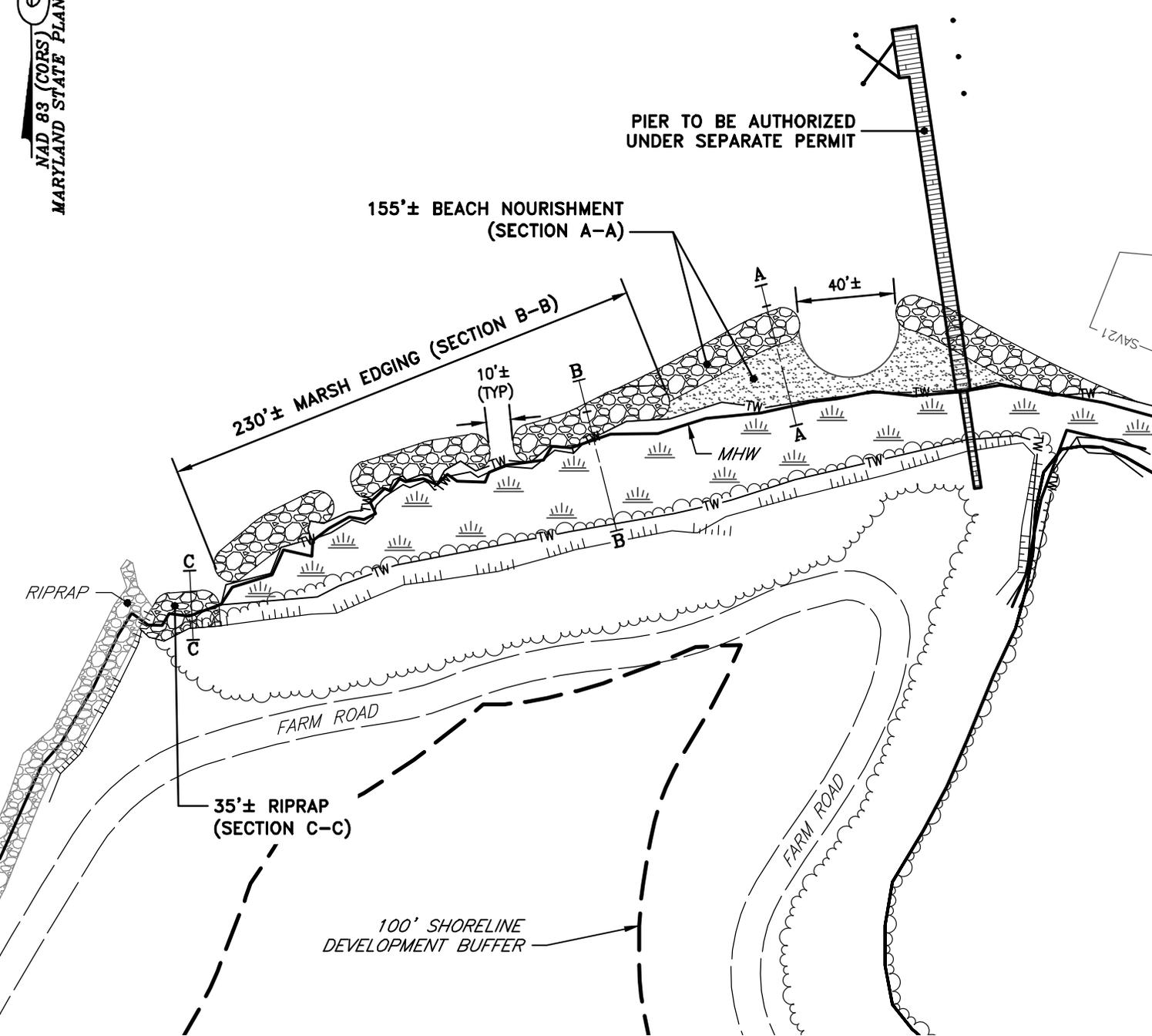
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SCALE IN FEET

**TRIPPE CREEK**



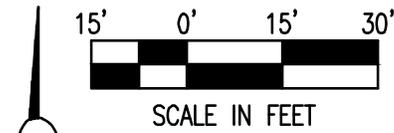
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 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 16 OF 32

**PROPOSED IMPROVEMENTS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
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NAD 88 (CORS)  
 MARYLAND STATE PLANE

*TRED AVON RIVER*

RIPRAP

265'± RIPRAP  
(SECTION D-D)

MHW

D1

D

FARM ROAD

100' SHORELINE  
DEVELOPMENT BUFFER

RIPRAP

EXISTING 12" HDPE  
NOTE: PIPE TO BE  
EXTENDED THROUGH  
RIPRAP AS NEEDED

SHEET No. 17 OF 32  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 220031  
 FILE No. A228

**PROPOSED IMPROVEMENTS**

**ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND**

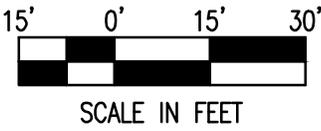
IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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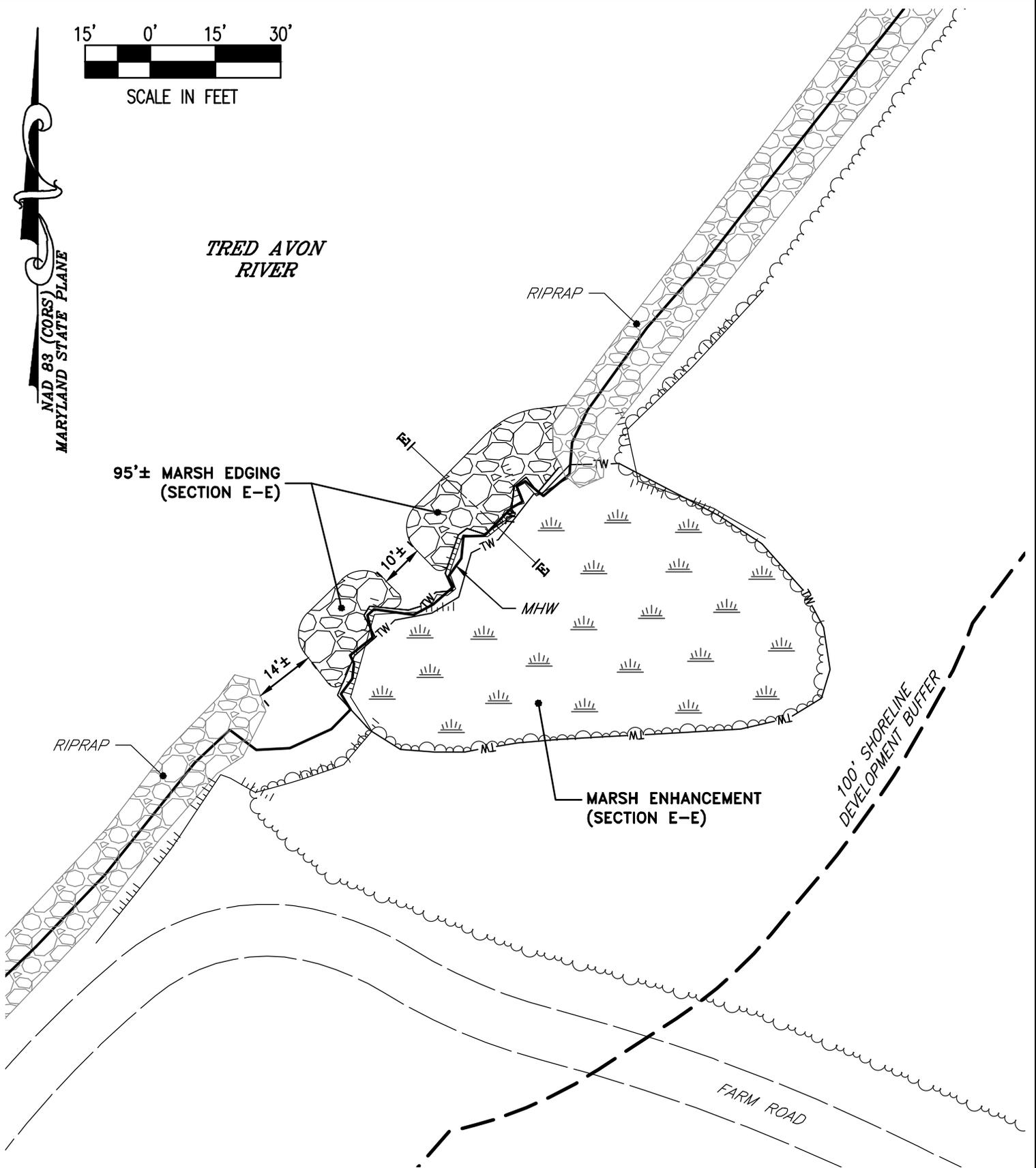


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NAD 83 (CORS)  
 MARYLAND STATE PLANE

**TRED AVON RIVER**

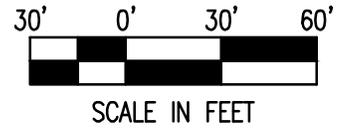


SHEET No. 18 OF 32  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 220031  
 FILE No. A228

**PROPOSED IMPROVEMENTS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

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100' SHORELINE BUFFER  
DEVELOPMENT

MARSH ENHANCEMENT  
(SECTION F-F)

BEGIN 200'±  
MARSH EDGING  
(SECTION F-F)

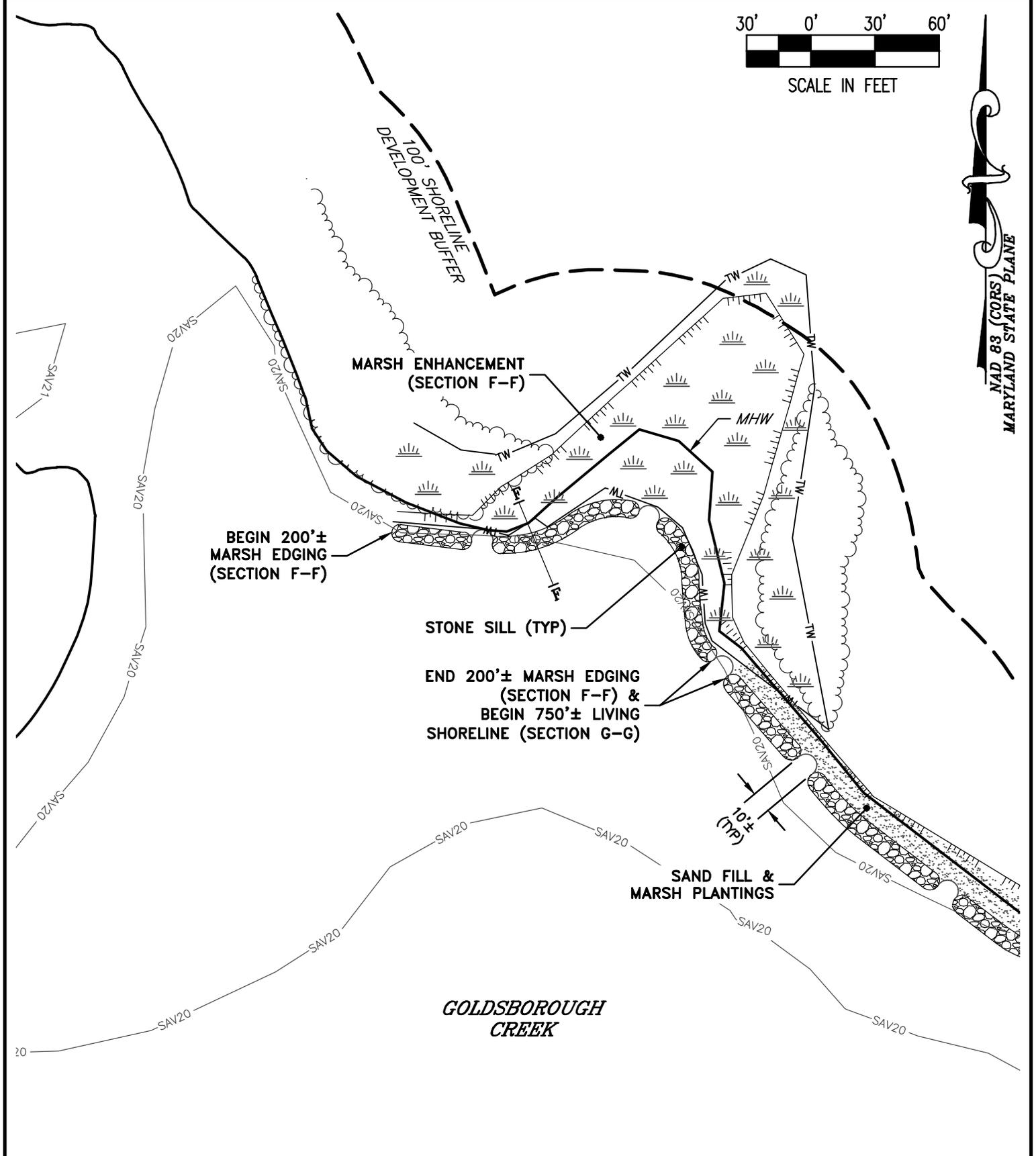
STONE SILL (TYP)

END 200'± MARSH EDGING  
(SECTION F-F) &  
BEGIN 750'± LIVING  
SHORELINE (SECTION G-G)

SAND FILL &  
MARSH PLANTINGS

10'±  
(TYP)

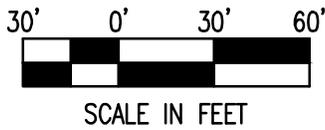
*GOLDSBOROUGH  
CREEK*



FILE No. A228  
JOB No. 220031  
SCALE: AS NOTED  
DATE: AS NOTED  
SHEET No.  
**19 OF 32**

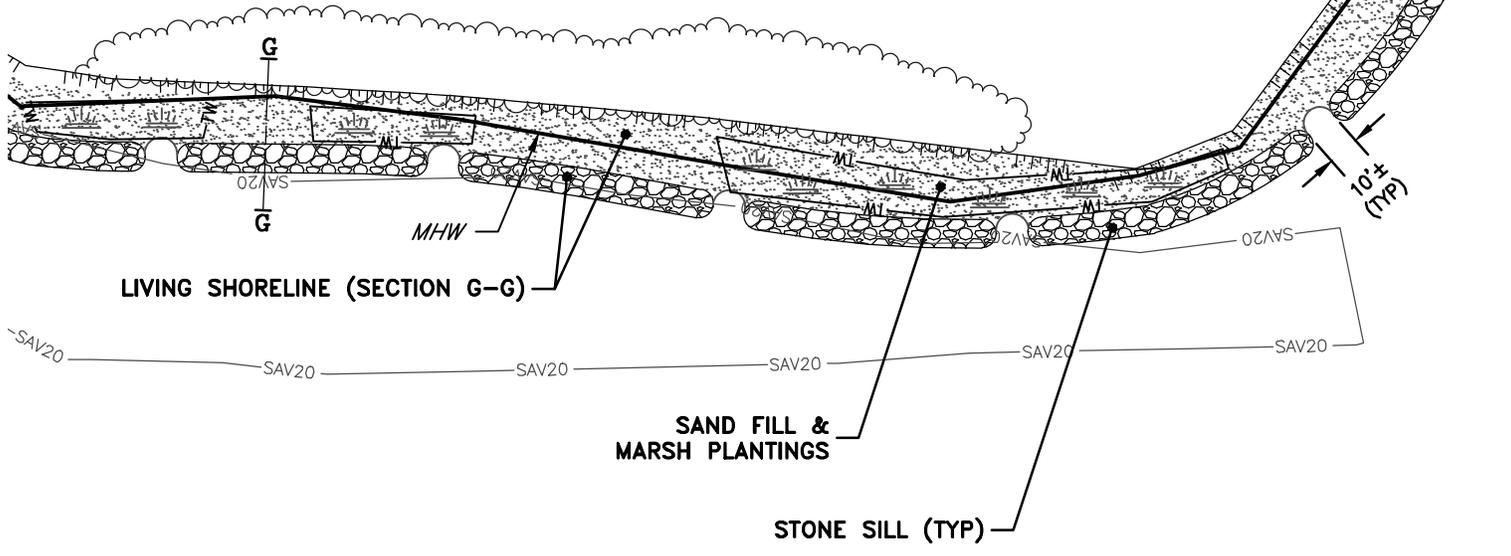
**PROPOSED IMPROVEMENTS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
*IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY*  
*TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2*

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NAD 83 (CORS)  
MARYLAND STATE PLANE

100' SHORELINE  
DEVELOPMENT BUFFER



**GOLDSBOROUGH  
CREEK**

**PROPOSED IMPROVEMENTS**

**ON THE LANDS OF  
ORT FARMS, LLLP  
OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

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SHEET No.  
**20 OF 32**

DATE: AS NOTED

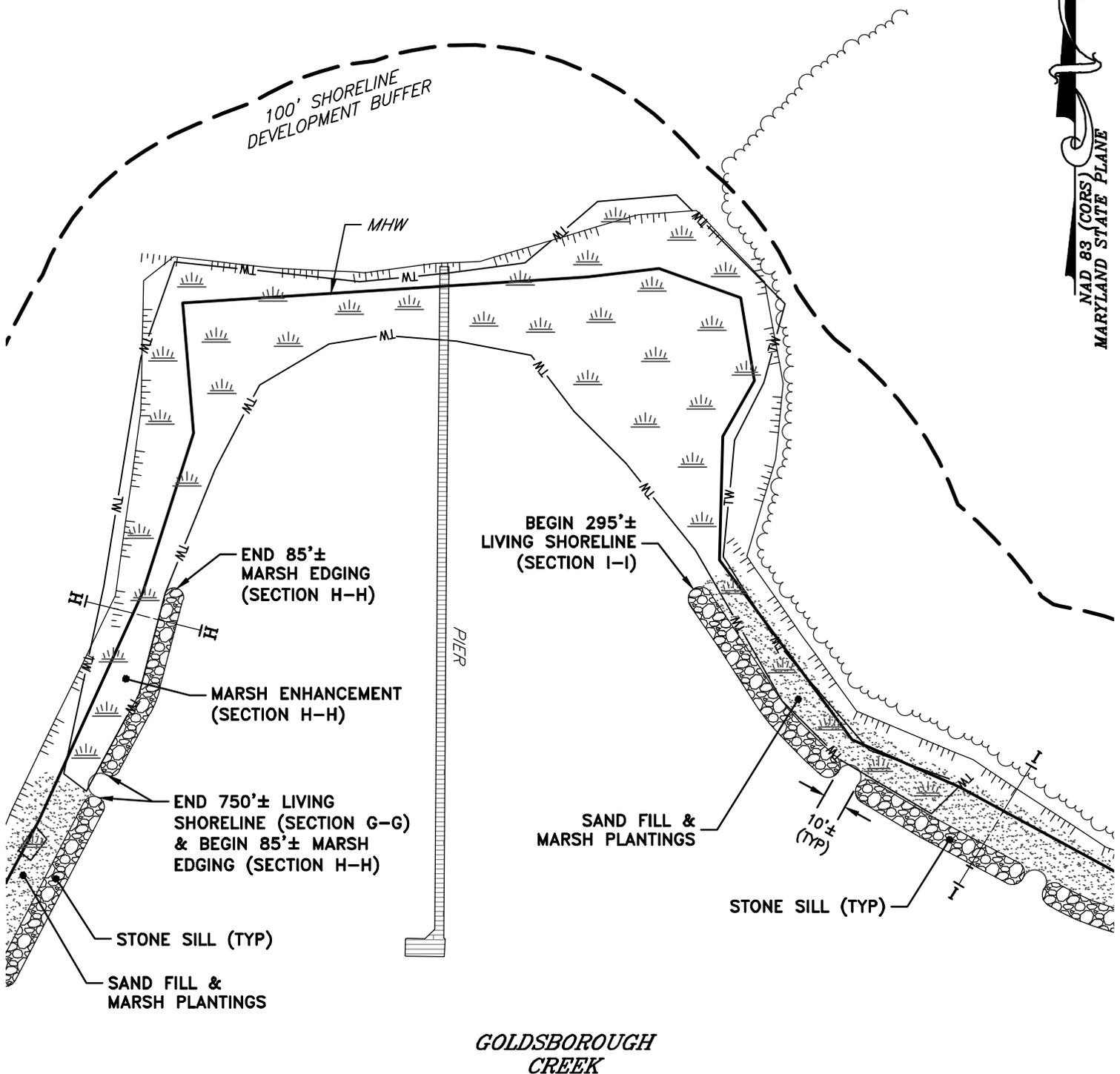
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JOB No. 220031

FILE No. A228



SCALE IN FEET

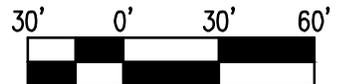


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 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 21 OF 32

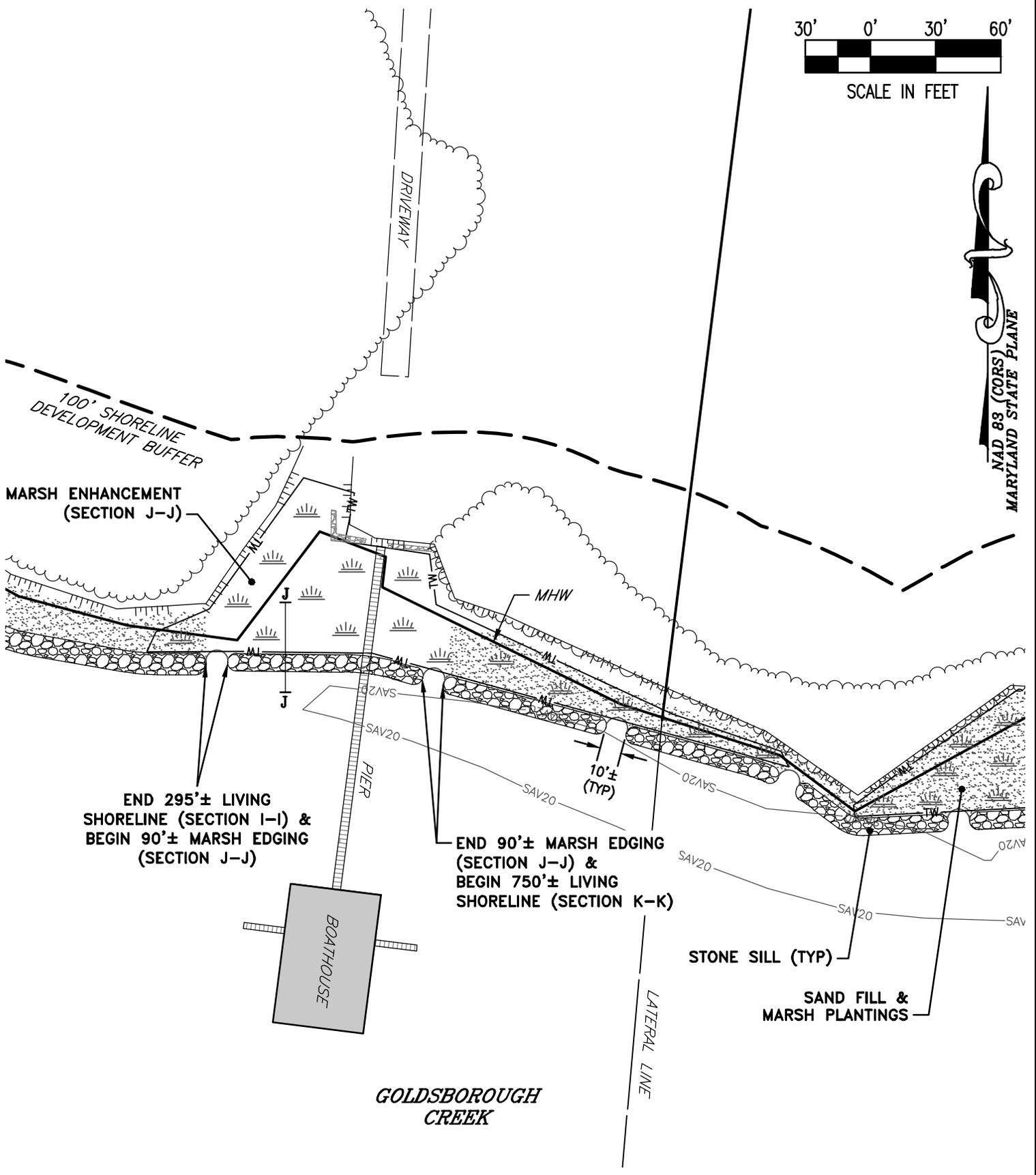
**PROPOSED IMPROVEMENTS**  
**ON THE LANDS OF**  
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**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
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SCALE IN FEET



END 295'± LIVING SHORELINE (SECTION I-I) & BEGIN 90'± MARSH EDGING (SECTION J-J)

END 90'± MARSH EDGING (SECTION J-J) & BEGIN 750'± LIVING SHORELINE (SECTION K-K)

STONE SILL (TYP)  
SAND FILL & MARSH PLANTINGS

GOLDSBOROUGH CREEK

**PROPOSED IMPROVEMENTS**

**ON THE LANDS OF  
ORT FARMS, LLLP  
OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

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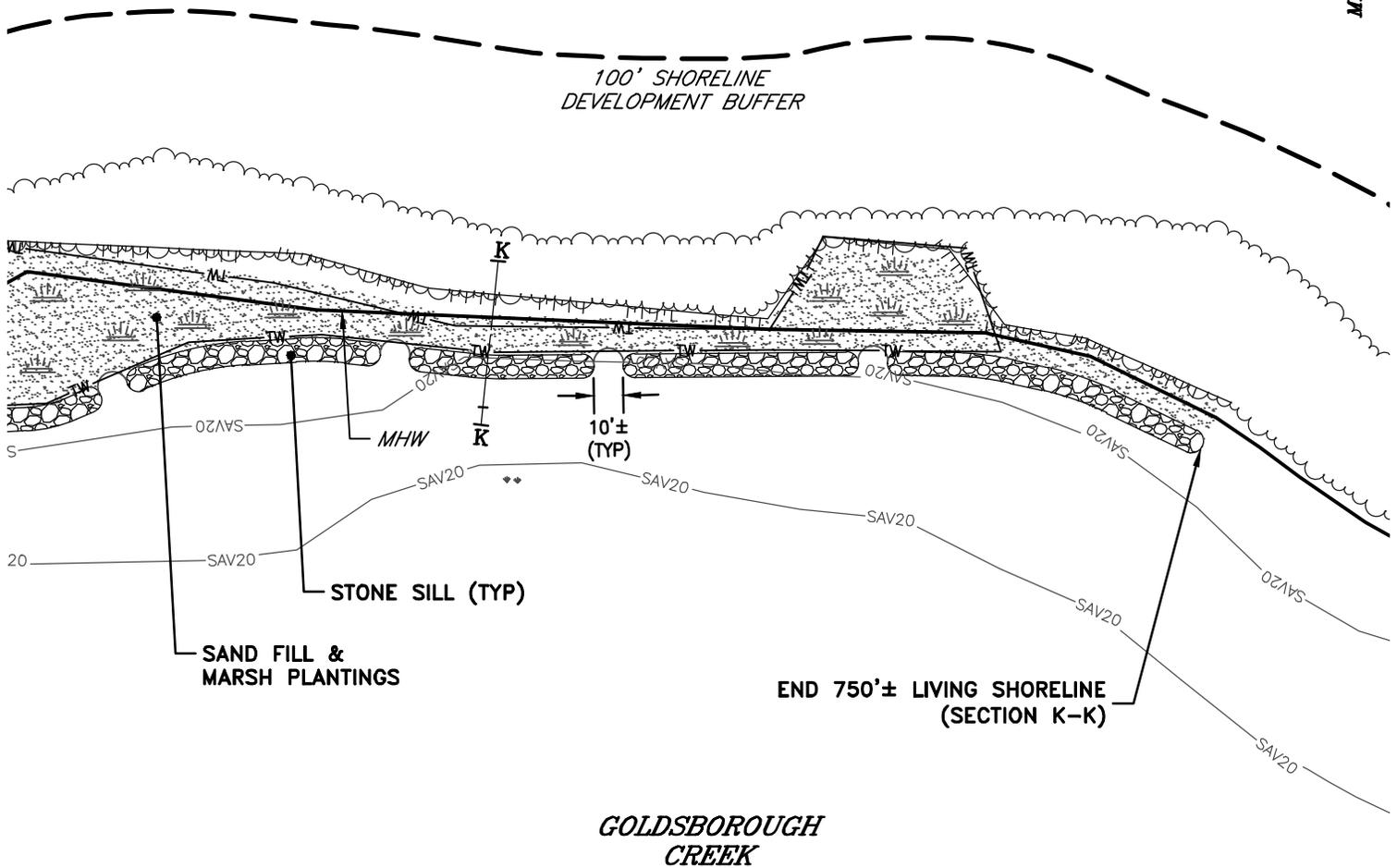
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SHEET No. **22 OF 32**  
DATE: AS NOTED  
SCALE: AS NOTED  
JOB No. 220031  
FILE No. A228

30' 0' 30' 60'



SCALE IN FEET

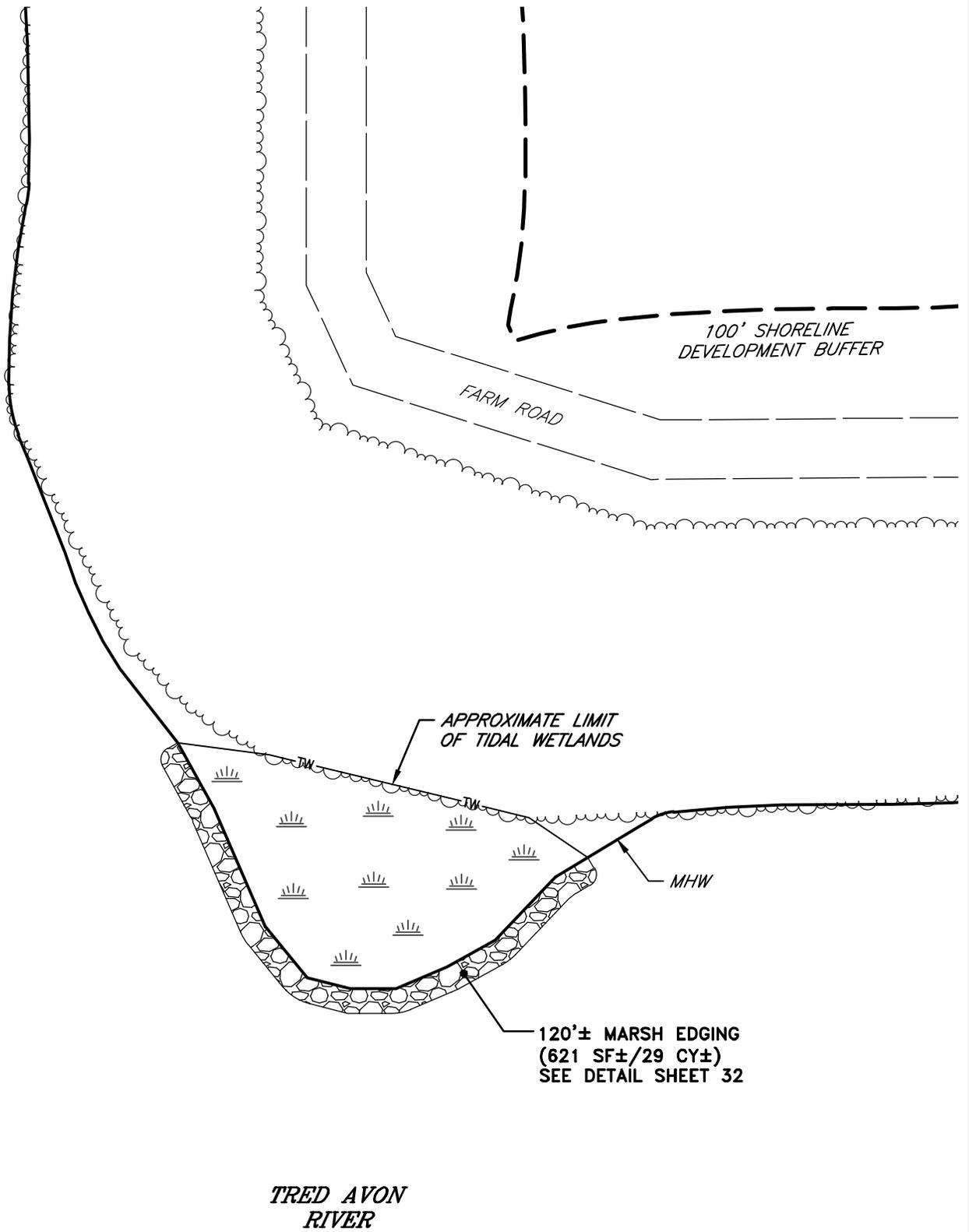


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 DATE: AS NOTED  
 SHEET No.  
**23 OF 32**

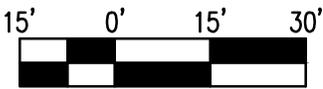
**PROPOSED IMPROVEMENTS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
**OXFORD, MARYLAND**  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
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NAD 83 (CORS)  
 MARYLAND STATE PLANE



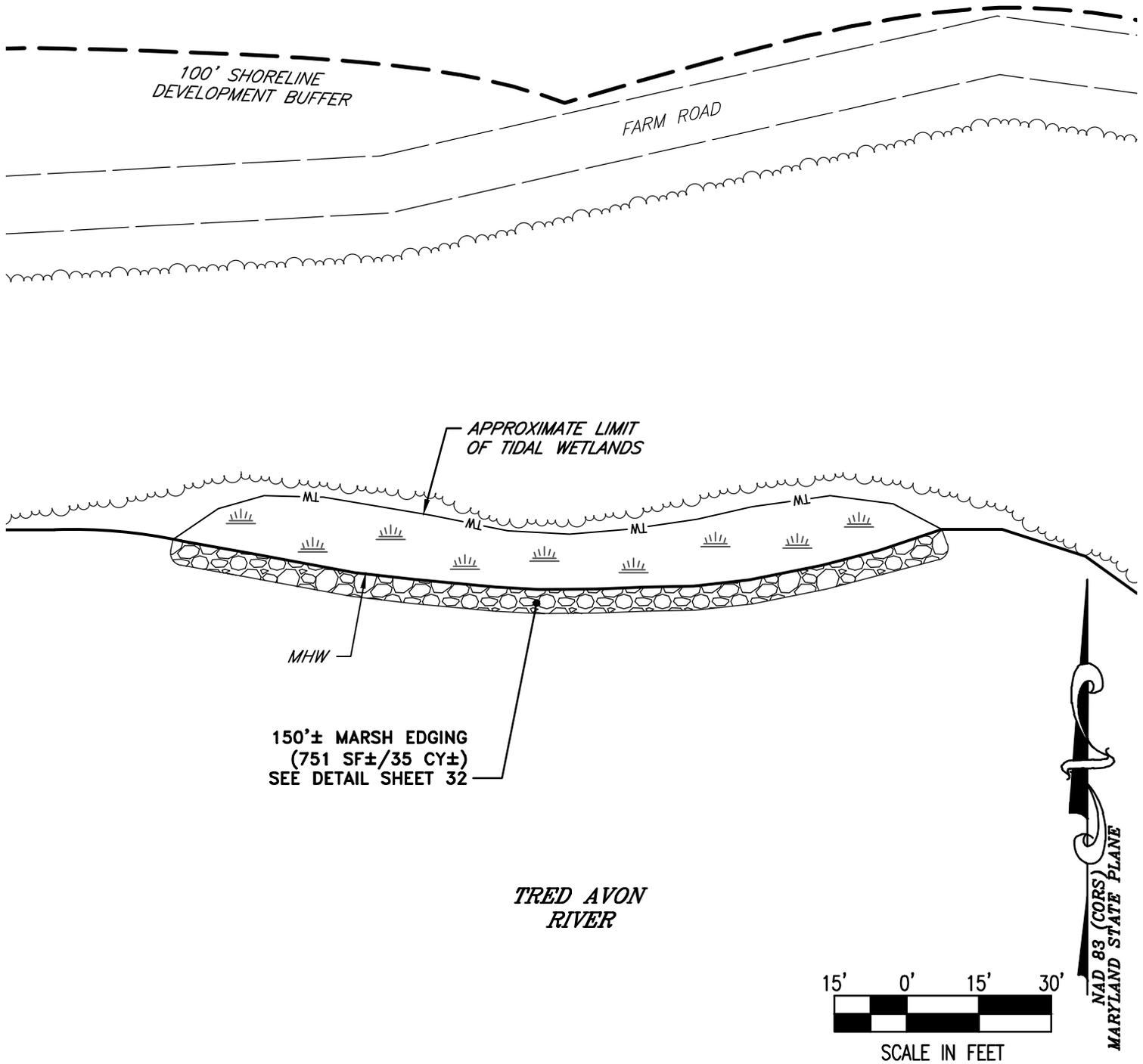
SCALE IN FEET

SHEET No. **24 OF 32**  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 220031  
 FILE No. A228

**PROPOSED IMPROVEMENTS**  
**ON THE LANDS OF**  
**ORT FARMS, LLLP**  
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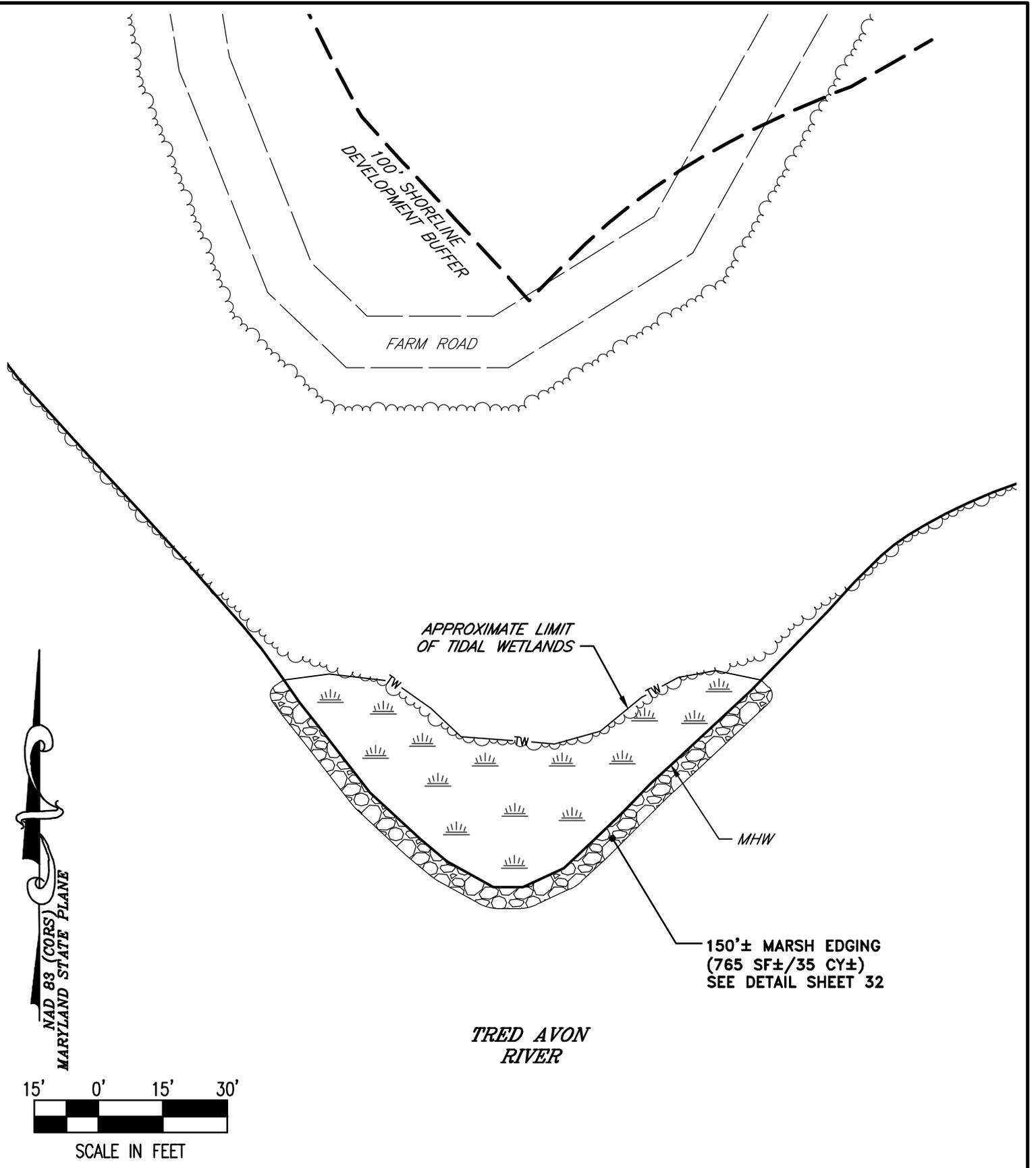


SHEET No.  
**25 OF 32**  
 DATE: AS NOTED  
 SCALE: AS NOTED  
 JOB No. 220031  
 FILE No. A228

**PROPOSED IMPROVEMENTS**  
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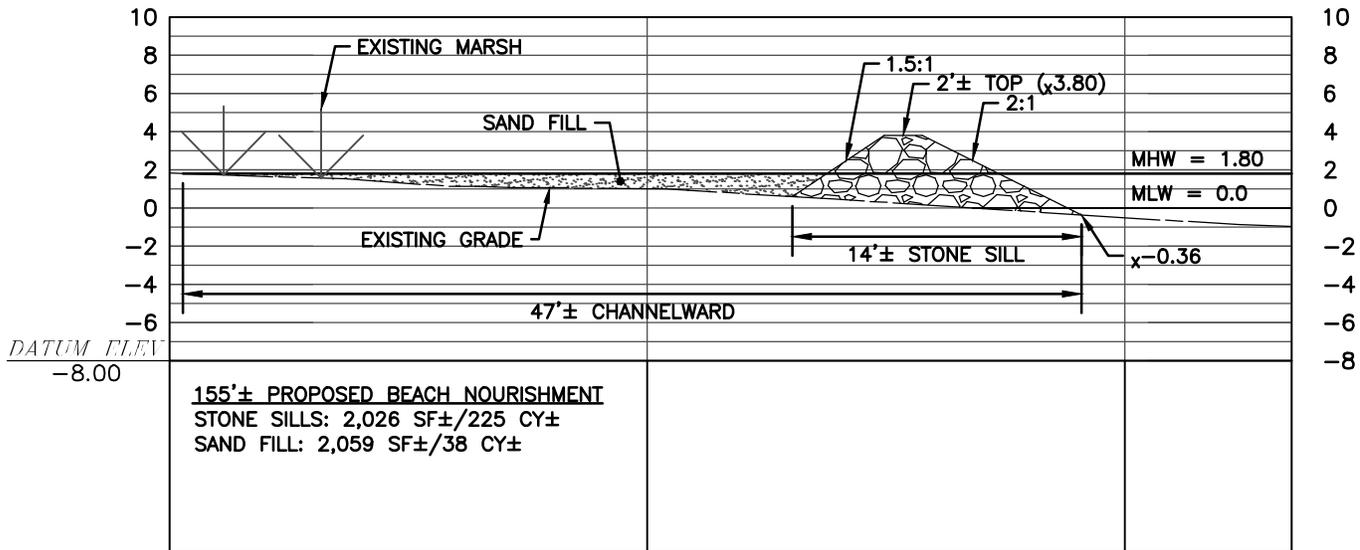


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 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 26 OF 32

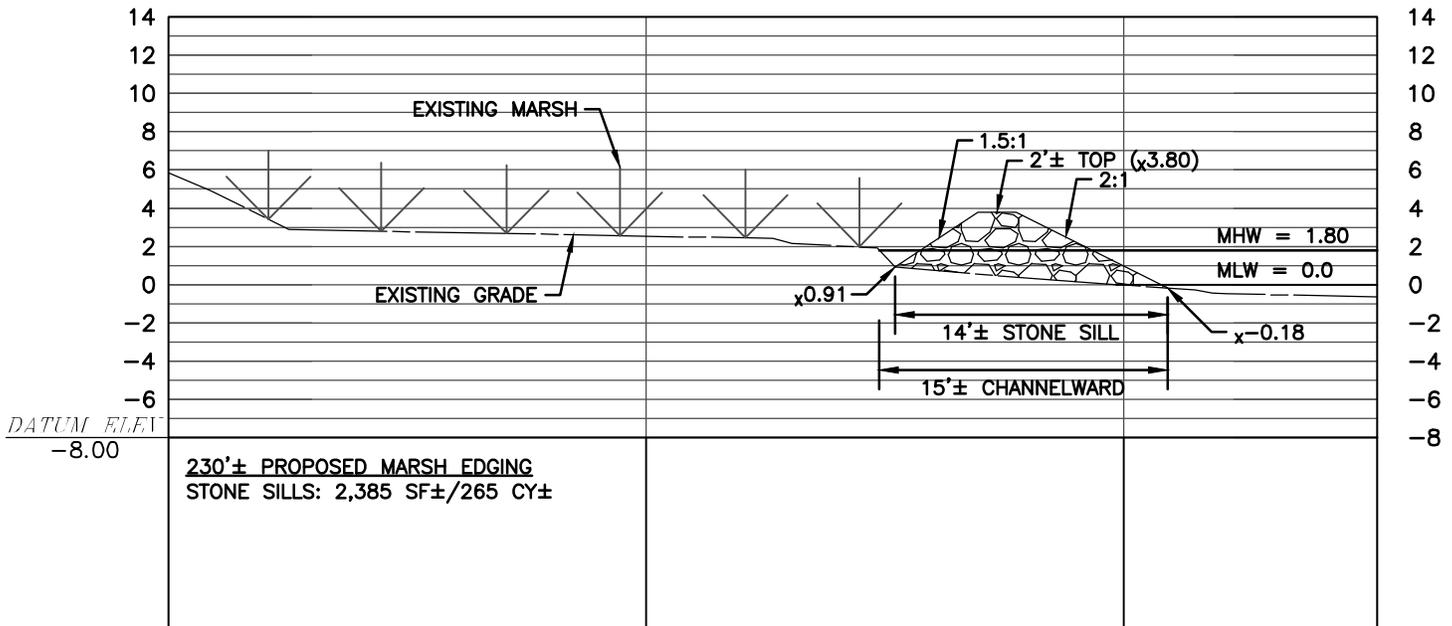
**PROPOSED IMPROVEMENTS**  
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**BEACH NOURISHMENT (SECTION A-A)**  
 SCALE: 1" = 10'



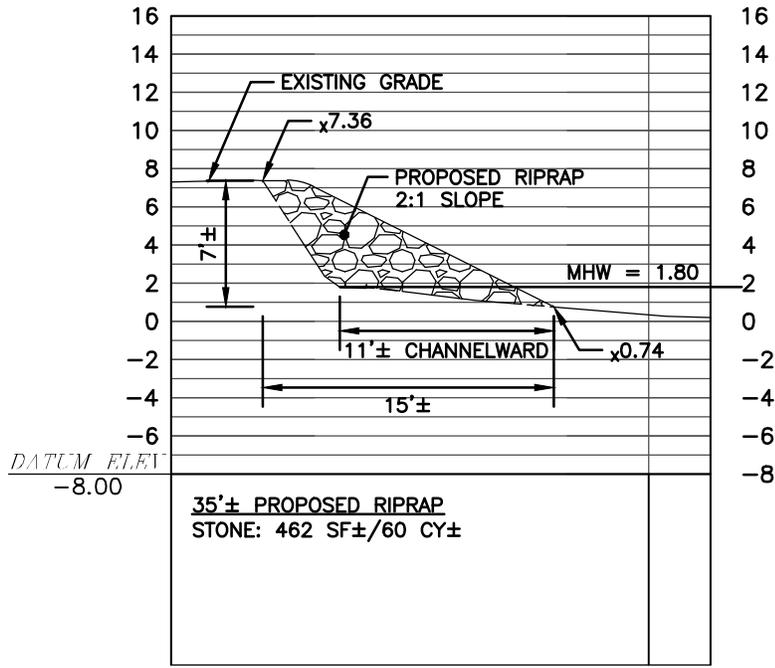
**MARSH EDGING (SECTION B-B)**  
 SCALE: 1" = 10'

FILE No. A228  
 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 27 OF 32

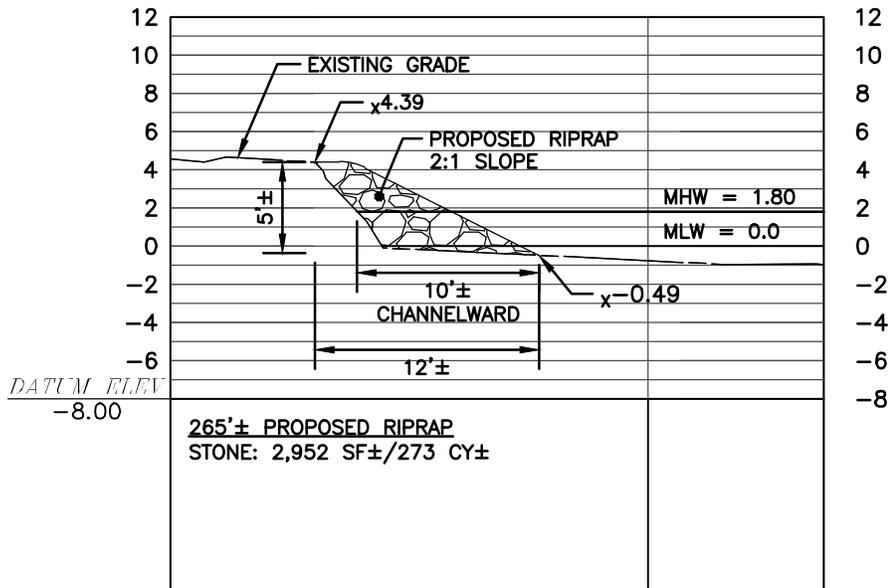
**DETAILS**  
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**RIPRAP (SECTION C-C)**  
SCALE: 1" = 10'



**RIPRAP (SECTION D-D)**  
SCALE: 1" = 10'

**DETAILS**

**ON THE LANDS OF  
ORT FARMS, LLLP  
OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

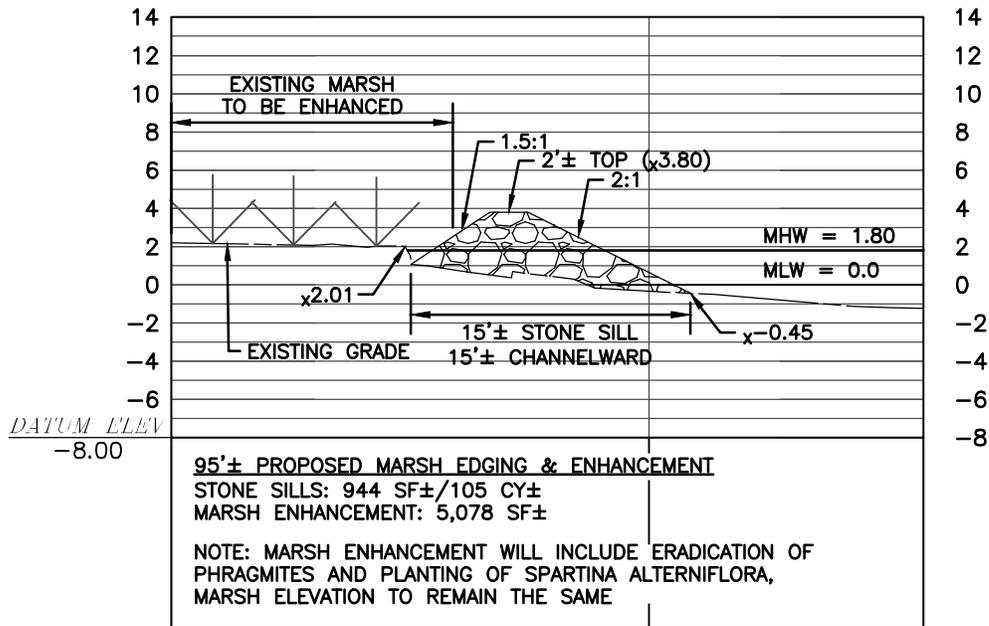
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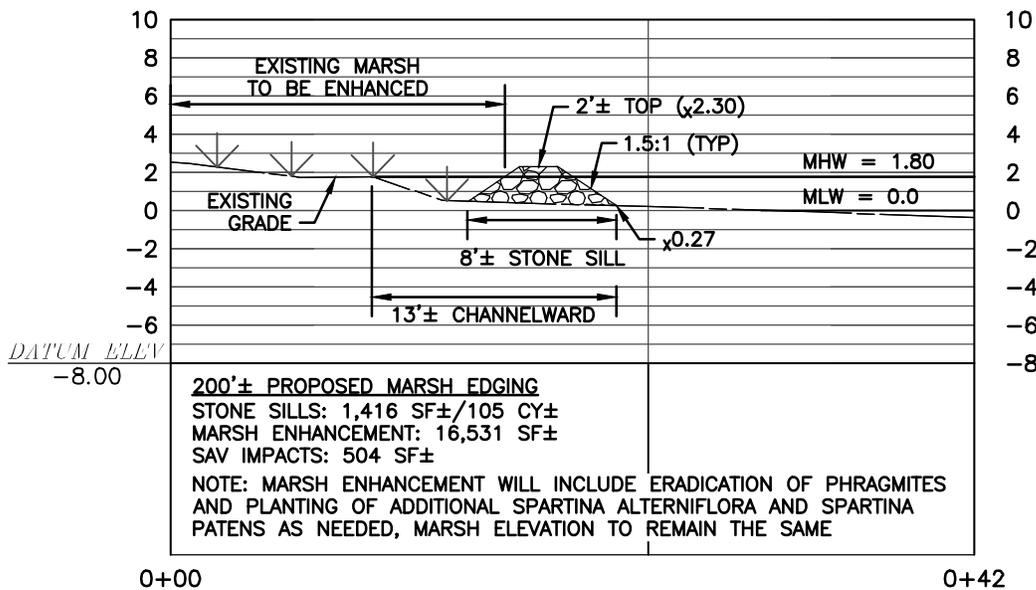


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SHEET No.  
**28 OF 32**  
DATE: AS NOTED  
SCALE: AS NOTED  
JOB No. 220031  
FILE No. A228



**MARSH EDGING & ENHANCEMENT (SECTION E-E)**  
 SCALE: 1" = 10'



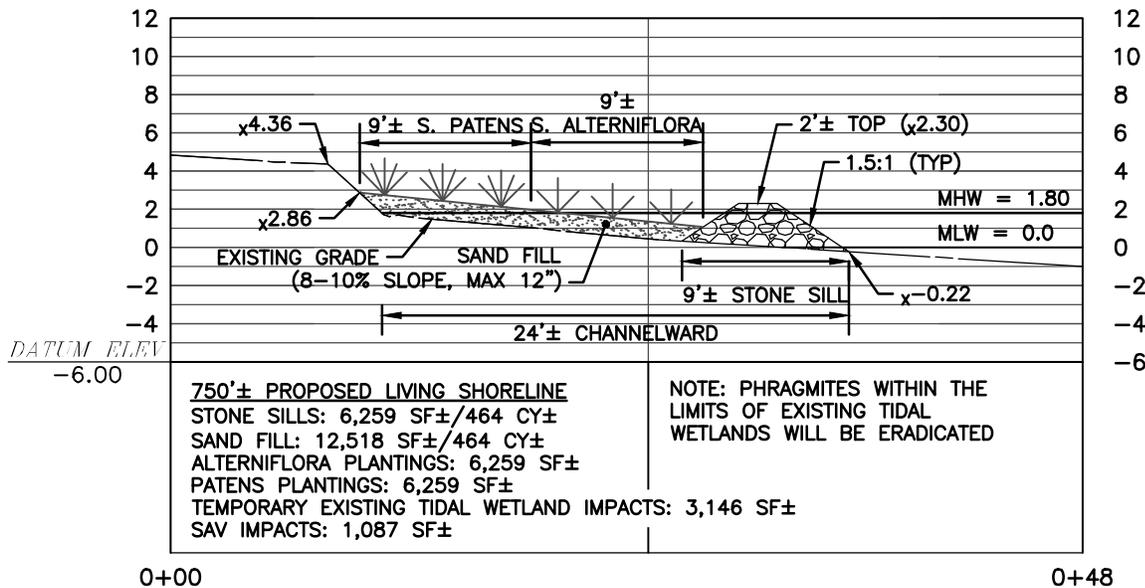
**MARSH EDGING & ENHANCEMENT (SECTION F-F)**  
 SCALE: 1" = 10'

FILE No. A228  
 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 29 OF 32

**DETAILS**  
 ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

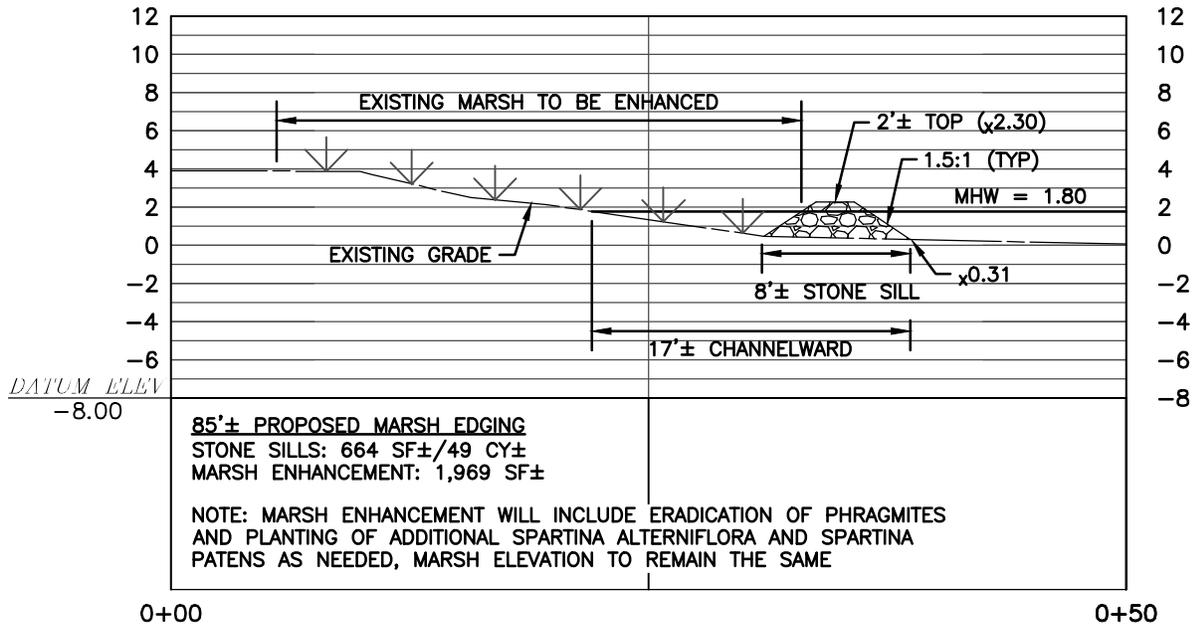
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**LIVING SHORELINE (SECTION G-G)**

SCALE: 1" = 10'



**MARSH EDGING & ENHANCEMENT (SECTION H-H)**

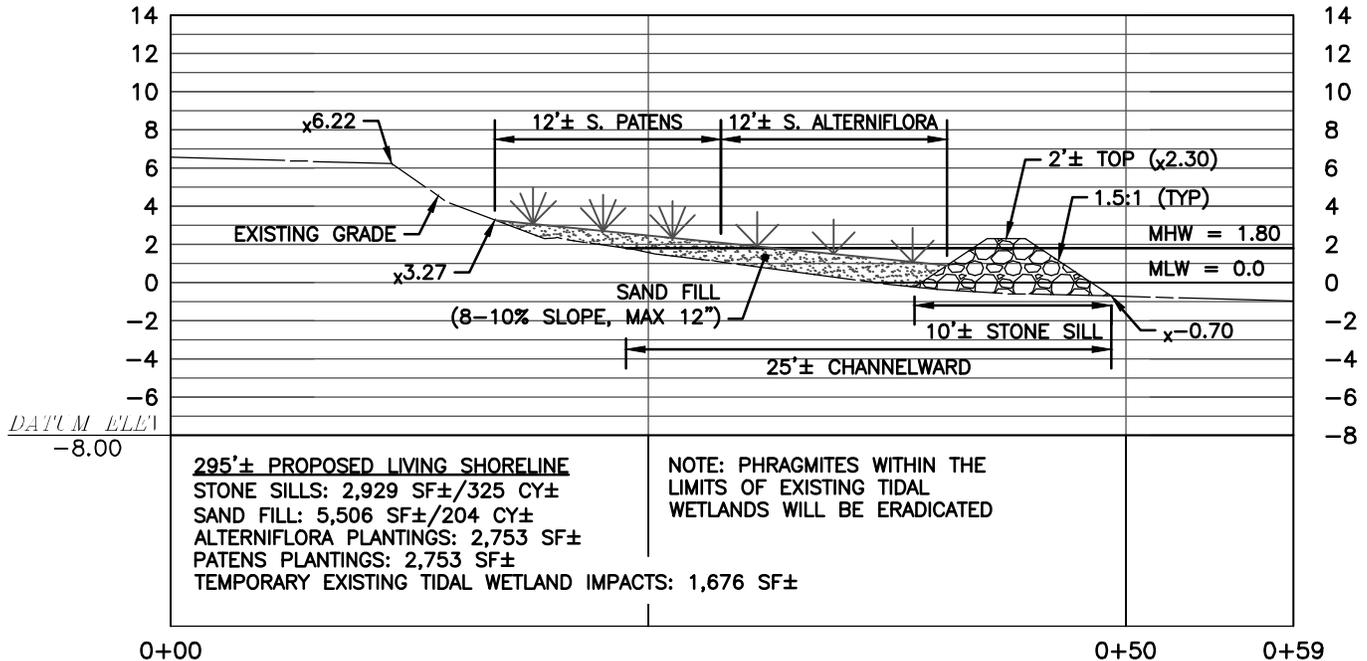
SCALE: 1" = 10'

FILE No. A228  
 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 30 OF 32

**DETAILS**  
 ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

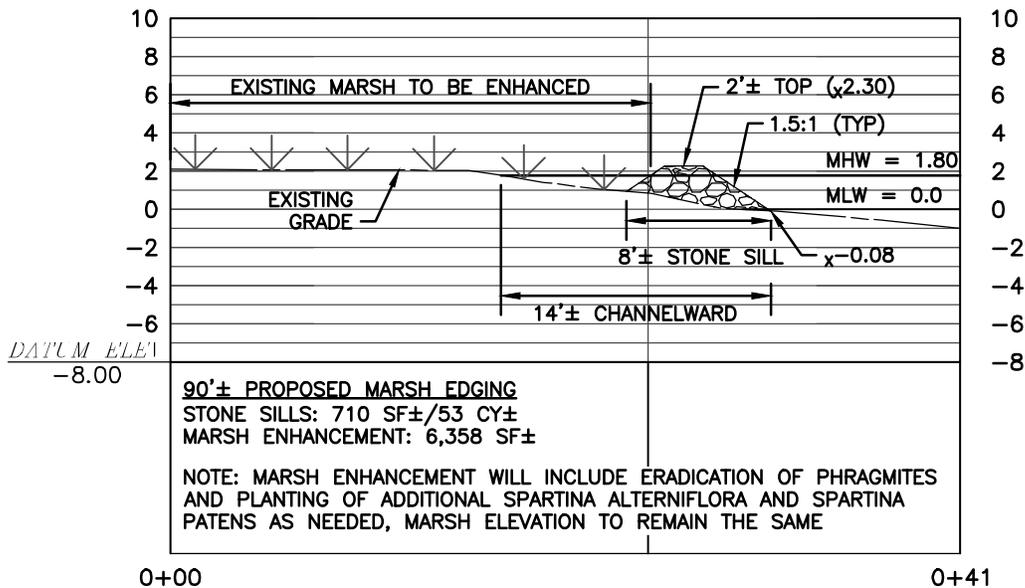
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**LIVING SHORELINE (SECTION I-I)**

SCALE: 1" = 10'



**MARSH EDGING & ENHANCEMENT (SECTION J-J)**

SCALE: 1" = 10'

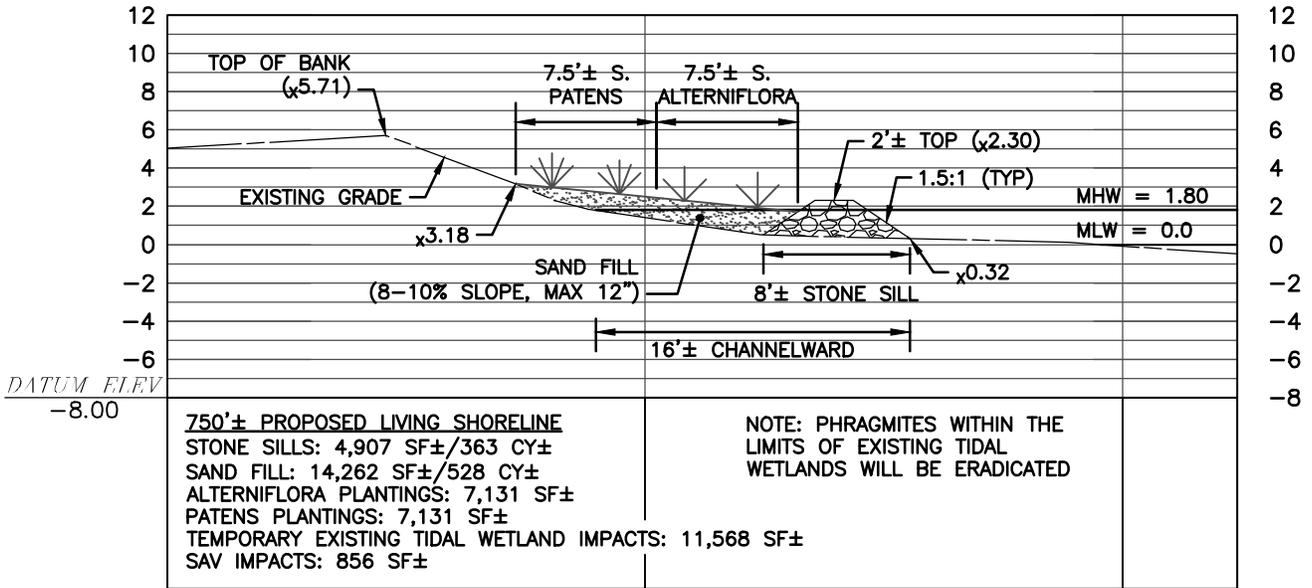
FILE No. A228  
 JOB No. 220031  
 SCALE: AS NOTED  
 DATE: AS NOTED  
 SHEET No. 31 OF 32

**DETAILS**  
 ON THE LANDS OF  
 ORT FARMS, LLLP  
 OXFORD, MARYLAND  
 IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
 TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2

**Lane Engineering, LLC**  
 Established 1986  
 Civil Engineers • Land Planning • Land Surveyors

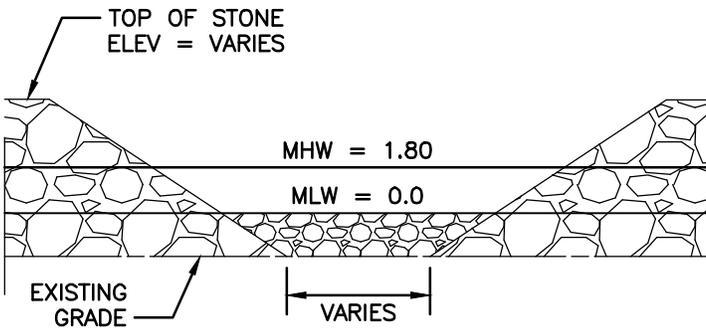


E-mail: general@leinc.com  
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 15 Washington St. Cambridge, MD 21613 (410) 221-0818  
 354 Pennsylvania Ave. Centreville, MD 21617 (410) 758-2095



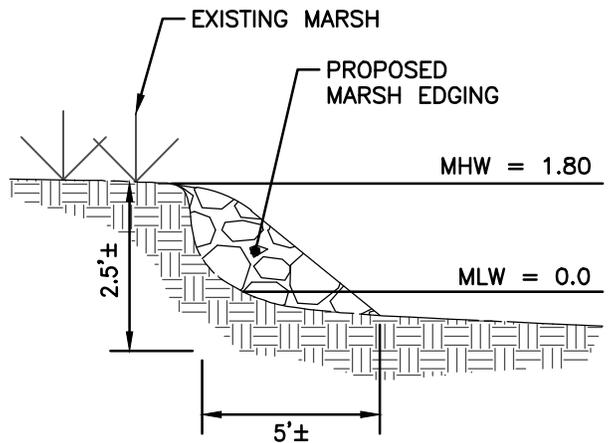
**LIVING SHORELINE (SECTION K-K)**

SCALE: 1" = 10'



**STONE SILL VENT DETAIL**

NOT TO SCALE



**MARSH EDGING DETAIL**

NOT TO SCALE

**DETAILS**

**ON THE LANDS OF  
ORT FARMS, LLLP  
OXFORD, MARYLAND**

**IN THE THIRD ELECTION DISTRICT, TALBOT COUNTY  
TAX MAP 47, GRID 17, PARCEL 40, LOTS 1 & 2**

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