



COASTAL RESOURCES DIVISION  
ONE CONSERVATION WAY · BRUNSWICK, GA 31520 · 912-264-7218

WALTER RABON  
COMMISSIONER

DOUG HAYMANS  
DIRECTOR

**MAY 14 2026**  
Rebecca & Albery Casey  
1039 W Mission Lane SE  
Darien, GA 31305

**Re: Letter of Permission (LOP) and Revocable License (RL), Maintenance and Replacement of an Existing Bank Stabilization Project, 1036 W Mission Lane SE (Lot 63), Tolomato Island, Hudson Creek, McIntosh County, Georgia, (GPS 31.43505°N/ -81.37954°W), SAS-2022-00031.**

Dear Casey Family:

This Letter of Permission (LOP) is in response to your request dated March 11, 2026, for maintenance and replacement of an existing serviceable bank stabilization project located in Coastal Marshlands Protection Act (CMPA) jurisdiction located at 1036 W Mission Lane SE. in McIntosh County. The existing riprap toe will be maintained and the bulkhead/riprap will be replaced with a living shoreline within the same footprint. The existing bulkhead will be cut off at the mudline. Approximately 1,973sq.ft. of flexamat will be installed along the shoreline slope to provide a stable substrate for the planting of native marsh vegetation. Approximately 979sq.ft. of riprap will be reinstalled along the perimeter and toe of the living shoreline. This project will be constructed from the upland. Total existing and proposed impacts for the project are approximately 2,952sq.ft. (100CY). The project will begin no sooner than (15) days from the date of this letter and be completed within six (6) months.

The Department authorizes the maintenance and replacement within the originally permitted footprint as depicted in the attached description and drawings. This LOP is valid for the above-mentioned project. No unauthorized equipment, materials, or debris may be placed in, disposed of, or stored in jurisdictional areas. All material removed must be disposed of at an appropriate upland disposal area. Any visible alterations in marsh topography will be restored immediately using low-impact hand tools. Any damage to the marsh vegetation that has not recovered naturally during the next growing season may require restoration by a method acceptable to the Department. Any incidental impacts associated with this project must be rectified by fully restoring areas to their pre-construction topographic and vegetative states.

Please find enclosed a fully executed revocable license for the above-described project. This license serves as authorization to utilize state owned tidal water bottoms for your project as per the dimensions and configuration described. Any change in the use, location, dimensions, or configuration of the approved project, without prior notification and approval from this office could result in revocation of this license and in required removal of the materials and related structures. Tidal water bottoms and marshlands of coastal Georgia are public trust lands controlled by the State, except for such lands where a validated Crown Grant or State Grant exists.

If you have any further questions or concerns, please contact Maitland Bass at (912)-264-7218

Sincerely,



Jill Andrews  
Chief, Coastal Management Section

Enclosures: Federal Consistency Certification Statement  
Revocable License  
Project Request and Site Photographs

Cc: [Eric.m.parks@usace.army.mil](mailto:Eric.m.parks@usace.army.mil)

File: LOP20260028

STATE OF GEORGIA

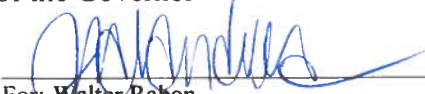
REVOCABLE LICENSE FOR THE USE OF TIDAL WATERBOTTOMS

APPLICANT NAME(S): Rebecce H. Casey & Albert H. Casey, JR.  
MAILING ADDRESS: 1039 W. Mission Lane SE. Darien, GA 31305  
(Street) (City) (State) (Zip)  
PROJECT ADDRESS/LOCATION: 1039 W. Mission Lane SE. Darien, GA 31305  
COUNTY: McIntosh WATERWAY: Hudson Creek  
LOT, BLOCK & SUBDIVISION NAME FROM DEED: Lot 63, The Thicket, Tolomato Island.

The State of Georgia hereby grants you a revocable license not coupled with an interest<sup>1</sup>. This area may now or in the future be utilized by boats employing power drawn nets under the provisions for commercial or sport bait shrimping. In its occupancy and use of the premises, licensee shall not discriminate against any person on the basis of race, gender, color, national origin, religion, age, or disability. This covenant by licensee may be enforced by termination of this license, by injunction, and/or by any other remedy available at law to the Georgia Department of Natural Resources.

Attached hereto and made a part of this license are the project description, drawing(s), and terms and conditions that are the subject of this license. The project approved for this license must be constructed and completed within the specified timeframe noted in the terms and conditions and must be maintained in serviceable condition. Otherwise, action will be initiated to revoke this license and all structures must be removed immediately at the licensee's expense.

STATE OF GEORGIA  
Office of the Governor

By:   
For: Walter Rabon  
Commissioner-DNR

Date: MAY 14 2026

Enclosures:

LOP20260028

<sup>1</sup> Tidal water bottoms and marshlands of coastal Georgia are public trust lands owned by the State, except where ownership of such lands is demonstrated through an unbroken chain of title to a valid Crown or State Grant, which explicitly conveys the beds of such tidewaters. The Revocable License authorizes use of lands presumed to be owned by the State of Georgia, and which are under control of the State. This Revocable License is issued with the understanding and condition that it could be rendered invalid should another person demonstrate ownership to such lands pursuant to a valid Crown Grant or State Grant. This Revocable License is issued with the understanding that such lands are subject to the public trust doctrine.

### FEDERAL CONSISTENCY CERTIFICATION STATEMENT

Printed Name of Applicant(s): Albert H. Casey

Applicant Email: hzcas@ymail.com Phone: (706) 825-1524

Agent Name (if applicable): Samuel LaBarba Phone: (912) 215-1255

To Whom It May Concern:

This is to certify that I have made application to the U.S. Army Corps of Engineers (USACE) for authorization to impact Waters of the United States and that such proposed work is, to the best of my knowledge, consistent with Georgia's Coastal Management Program.

I understand I must provide this Consistency Certification Statement, along with a copy of my permit application submitted to USACE, to the Georgia Department of Natural Resources Coastal Resources Division (CRD) before they can begin evaluating my proposed project for consistency with Georgia's enforceable policies. I understand additional information may be required to facilitate review.

Once any required authorizations or permits from CRD have been issued, and CRD has concurred with my findings by signing this Consistency Certification Statement, CRD must submit it to USACE in order for them to issue any required federal permits or authorizations, or to validate any provisional authorizations they have already issued. A USACE provisional authorization or permit will not be valid until they receive this Certification Statement signed by CRD.

Attached is a copy of my application to USACE (required)

Signature of Applicant:   Date: 3/7/2026 3/8/2026  
9860A92363F94AB 9860A92363F94AB

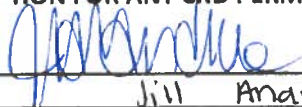
FOR AGENCY INTERNAL USE ONLY:	Date Received (Commencement Date): _____
USACE Authorization/Permit Number (assigned by USACE): <u>SAS-2022-00031</u>	
USACE Authorization Type (select one): <input type="checkbox"/> Individual Permit <input type="checkbox"/> General Permit # _____ <input checked="" type="checkbox"/> NWP # <u>54</u>	
USACE Project Manager: <u>Eric M Parks</u>	
CRD Authorization/Permit Number (assigned by CRD): <u>WP20220028</u>	
CRD Project Manager: <u>Maitland Bass</u>	

RECEIVED

CRD HAS REVIEWED AND CONCURS WITH THIS CONSISTENCY CERTIFICATION STATEMENT TO THE EXTENT THE USACE AUTHORIZED PROJECT DESCRIPTION IS CONSISTENT WITH THE AUTHORIZED PROJECT DESCRIPTION FOR ANY CRD PERMIT ISSUED FOR THIS PROJECT

MAR 11 26

GA-DNR

CRD Signature:  Date: MAY 14 2026  
Printed Name: Jill Andrews Title: Chief

For questions regarding consistency with the Georgia Coastal Management Program, please contact the Federal Consistency Coordinator at (912) 264-7218 or visit [www.CoastalGADNR.org](http://www.CoastalGADNR.org).

March 4, 2026

Georgia Department of Natural Resources  
Coastal Resources Division  
Attn: Cheyenne Osborne  
One Conservation Way  
Brunswick, Georgia 31520

Subject: LOP-NWP54 Request  
1039 W Mission Lane  
SE. Darien, GA 31305

Dear Ms. Osborne,

LaBarba Environmental Services, on behalf of Rebecca H. Casey and Albert H. Casey, JR, is submitting the attached request for a Revocable License and Letter of Authorization to replace an existing bank stabilization at 1039 W Mission Lane SE, Darien, McIntosh County, GA. The existing bulkhead and riprap are in serviceable condition but will be replaced with a living shoreline. The new living shoreline will be installed in the same location and footprint of the existing structure. All equipment will be operated from the high ground, and any work seaward of the living shoreline will be completed on foot using hand tools.

**Enclosures:**

- Pre-Construction Notification
- Marsh Jurisdiction Request Form
- Revocable License Request Form
- Federal Consistency Certification Statement
- NWP General Conditions
- NWP Regional Conditions
- Deed and Plat
- Parcel Tax Map and Data
- Additional Site Maps
- NOAA Nautical Chart
- IPaC Report
- EDGES Forms
- Site Photos
- Permit Exhibits

We appreciate your assistance on this project. If you have any questions or require additional information, please contact me at (912) 215-1255.

Sincerely,

Samuel LaBarba  
LaBarba Environmental Services



DOCH# 000394  
FILED IN OFFICE  
3/7/2019 12:16 PM  
BK:643 PG:740-742  
REBECCA MCFERRIN  
CLERK OF SUPERIOR COURT  
MCINTOSH

*Rebecca McFerrin*

REAL ESTATE TRANSFER TAX  
PAID: \$461.00

PT-61 098-2019-000167

Prepared by/Return to:  
The Ligon Firm, P.C.  
158 Scranton Connector  
Brunswick, GA 31525

STATE OF  
COUNTY OF

**SPECIAL WARRANTY DEED**

THIS INDENTURE, made the 1<sup>st</sup> day of March, 2019, between HURRICANE CONSTRUCTION, INC. as Party of the First Part, hereinafter called Grantor, and REBECCA H. CASEY & ALBERT H. CASEY, JR., as Party of the Second Part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

**WITNESSETH:**

That Grantor, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledge, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant ,bargain, sell and convey to Grantee as joint tenants with right of survivorship, and

**EK: 643 PG: 741**

not as tenants in common, for and during their joint lives, and upon the death of either them, then to survivor of them, the following described real property, to-wit

All of that certain lot, tract or parcel of land situate, lying and being in the 1515th GMD, McIntosh County, Georgia, being Lot 63, Phase I, The Thicket, Tolomato Island Subdivision, shown on a plat of survey prepared by Privett and Associates, Surveyors and Land Planners, under date of May 7, 2001, recorded in Plat Cabinet 1, Slides 163-E thru 163-I and 164-A and B, Office of Clerk, McIntosh County Superior Court. Reference is hereby made to said plat for further purposes of description.

This conveyance is made subject to Restrictive Covenants for The Thicket, Tolomato, Phase I, recorded in Deed Book 275, Page 249, with Amendments in Deed Book 395, Page 505 and Deed Book 585, Page 522, Office of Clerk, McIntosh County Superior Court.

**TO HAVE AND TO HOLD** the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee **FOREVER IN FEE SIMPLE**; excepting the following when applicable: 1) zoning ordinances; 2) utility easements; and 3) restrictions, reservations, conditions and limitations imposed upon the use of said property.

**AND THE SAID** Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good, right and lawful authority to sell and convey said land; that the Grantor hereby warrants the title to said land, but only to the extent fiduciaries are allowed by law to warrant, through and under said Grantor and no others and will defend the same against the lawful claims of all persons, arising by, through or under the Grantor and no others.

Wherever used herein the singular member shall include the plural; the plural, the singular and the use of any gender shall include all genders.

BK: 643 PG: 742

IN WITNESS WHEREOF, the Grantor has signed and sealed this deed the 1 day of March, 2019.

HURRICANE CONSTRUCTION, INC.

BY: [Signature]  
William W. Livingston a/k/a Sonny Livingston, President

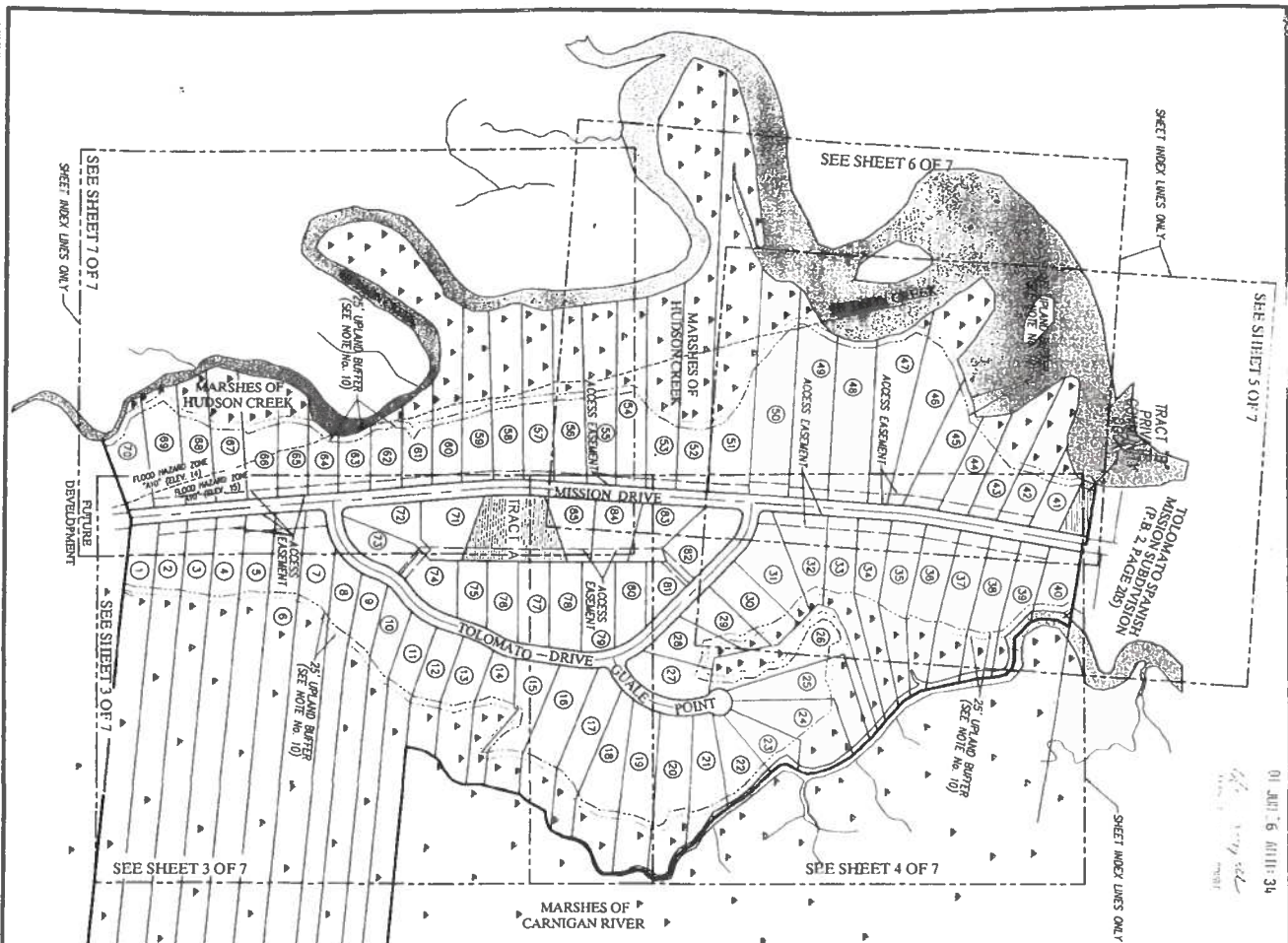
Signed, sealed and delivered on this 1<sup>st</sup> day of March, 2019 in the

presence of:

[Signature]  
Witness

[Signature]  
Notary Public





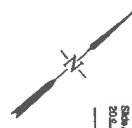
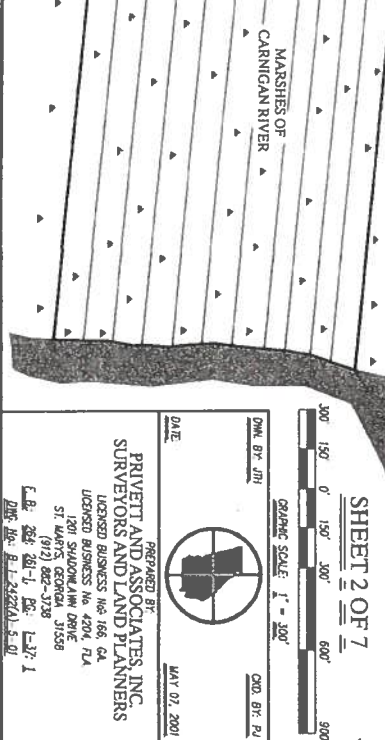
01 JUN 26 AM 11:34

FINAL SUBDIVISION PLAT OF  
**REPLAT OF**  
**THE THICKET**  
 TOLOMATO ISLAND ~ PHASE I ~  
 1515th G.M.D., MCINTOSH COUNTY, GEORGIA  
 SHEET 2 OF 7

(THIS PLAT SUPERSEDES PLAT RECORDED IN PLAT CABINET 1, PAGES 152 P.1, AND PLAT CABINET 1, PAGES 153 A-B, PUBLIC RECORDS OF SAID COUNTY.)

WETLAND JURISDICTIONAL LINE TABLE

LINE #	BEARING & DISTANCE	SECTION	SECTION
L1	S25°30'30"E 22.00'	S17°35'30"E	S17°35'30"E
L2	S00°00'00"W 30.00'	S17°35'30"E	S17°35'30"E
L3	S55°52'30"W 20.72'	S17°35'30"E	S17°35'30"E
L4	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L5	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L6	S11°52'30"W 6.00'	S17°35'30"E	S17°35'30"E
L7	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L8	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L9	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L10	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L11	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L12	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L13	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L14	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L15	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L16	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L17	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L18	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L19	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L20	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L21	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L22	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L23	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L24	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L25	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L26	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L27	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L28	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L29	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L30	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L31	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L32	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L33	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L34	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L35	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L36	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L37	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L38	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L39	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L40	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L41	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L42	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L43	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L44	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L45	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L46	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L47	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L48	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E
L49	S00°00'00"W 48.00'	S17°35'30"E	S17°35'30"E



County: McIntosh County  
 District: 1  
 I hereby certify that the within plat  
 contains a true and correct copy of the  
 original as filed for record in the County  
 of McIntosh, Georgia, on the 26th day of  
 June, 2001.  
 Clerk: *Ann W. Bennett*  
 Clerk, Superior Court

**SHEET 2 OF 7**

GRAPHIC SCALE: 1" = 300'

DATE: MAY 07, 2001

PREPARED BY: PRIVATEY AND ASSOCIATES, INC. SURVEYORS AND LAND PLANNERS

1001 SULLY ROAD, SUITE 106, GAITHERSBURG, MD 20878

1001 SULLY ROAD, SUITE 106, GAITHERSBURG, MD 20878

(912) 882-3738

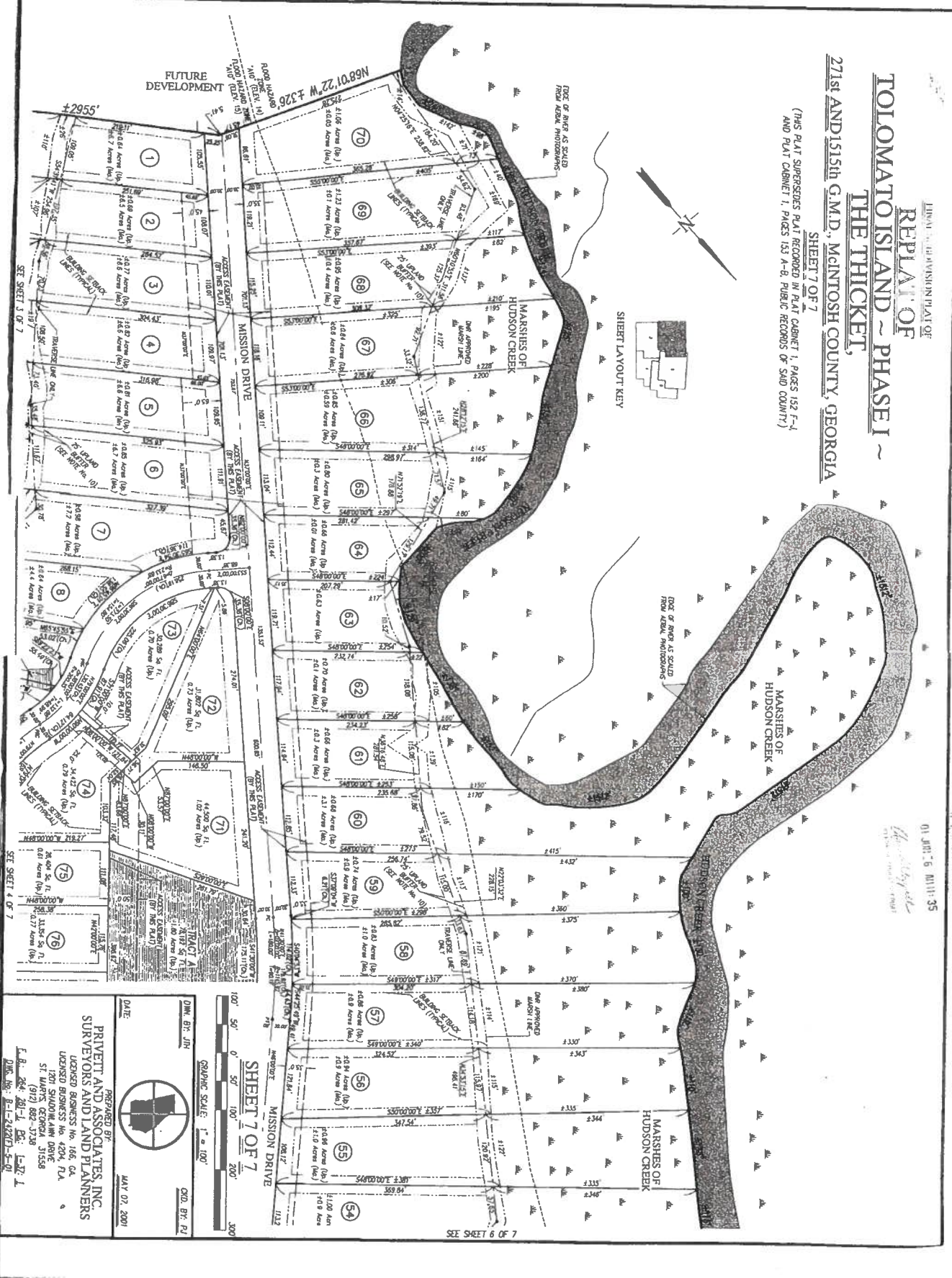
DATE: MAY 07, 2001

DRAWN BY: JMI

CHECKED BY: RJ

2022 - INFO RECORDED BY PER LICENSE #  
SHEET 22 OF 25 - THE CITY OF  
Ann M. Cooper  
Clerk Superior Court

LINEAL DIVISION PLAT OF  
**REPLAT OF  
TOLOMATO ISLAND - PHASE I -  
THE THICKET,**  
271st AND 1515th G.M.D., MCINTOSH COUNTY, GEORGIA  
SHEET 7 OF 7  
(THIS PLAT SUPERSEDES PLAT RECORDED IN PLAT CABINET 1, PAGES 132 F-4  
AND PLAT CABINET 1, PAGES 133 A-B, PUBLIC RECORDS OF SAID COUNTY)



01 JUN - 6 AM 11:35

DATE: MAY 07, 2001

PREPARED BY:  
**PRIVETT AND ASSOCIATES INC.**  
SURVEYORS AND LAND PLANNERS  
LICENSED BUSINESS NO. 166 FCA  
1201 SHILOH AVE DR  
ST. MARTIN, GEORGIA 31558  
(912) 882-3128  
F.B. No. 261-1 DE. LA-7 L  
D.M. No. B-1-24200-5-01

D.M. BY: JDR  
D.M. BY: RJ

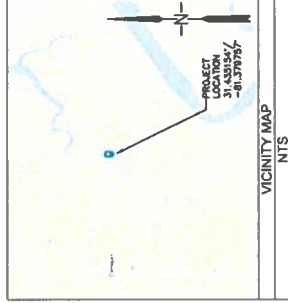
GRAPHIC SCALE: 1" = 100'

SHEET 7 OF 7

100' 50' 0' 50' 100' 200' 300'

SEE SHEET 6 OF 7

# LIVING SHORELINE PROJECT LETTER OF PERMISSION APPLICATION



**PREPARED FOR:  
HAZE CASEY  
1039 W MISSION LANE SE  
DARIEN, GA 31305**

LABARBA ENVIRONMENTAL SERVICES  
139 ALTAMA CONN. #161  
BRUNSWICK, GA 31525

NOT RELEASED  
FOR  
CONSTRUCTION

**LEGEND**

- These stippling patterns will be found in the drawings:
- MEAN LOW WATER
  - MEAN HIGH WATER
  - HIGH TIDE LINE
  - OYSTERS
  - RIP RAP
  - FLEXAMAT
  - MARSH VEG PLANTING
  - TRUNKS, VEG PLANTING
  - UPLAND VEG PLANTING

LABARBA ENVIRONMENTAL SERVICES  
BRUNSWICK, GA  
PREPARED FOR:  
HAZE CASEY

COVER

DATE: 2/26/2026  
SCALE NTS

1

SHEET

ORIGINAL ISSUE DATE: 2/26/26

SHEET	CONTENTS	DATE
1	COVER	2/26/26
2	PROJECT LOCATION	2/26/26
3	EXISTING CONDITIONS	2/26/26
4	GRADING	2/26/26
5	FLEXAMAT	2/26/26
6	RIP RAP	2/26/26
7	VEGETATION PLANTING	2/26/26
8-9	PRODUCT SPECIFICATIONS	2/26/26
10	3D	2/26/26

NOTES:  
1. PROPERTY BOUNDARY OBTAINED FROM PUBLIC AND HAS NOT BEEN VERIFIED BY A LICENSED SURVEYOR.

NOT RELEASED FOR CONSTRUCTION

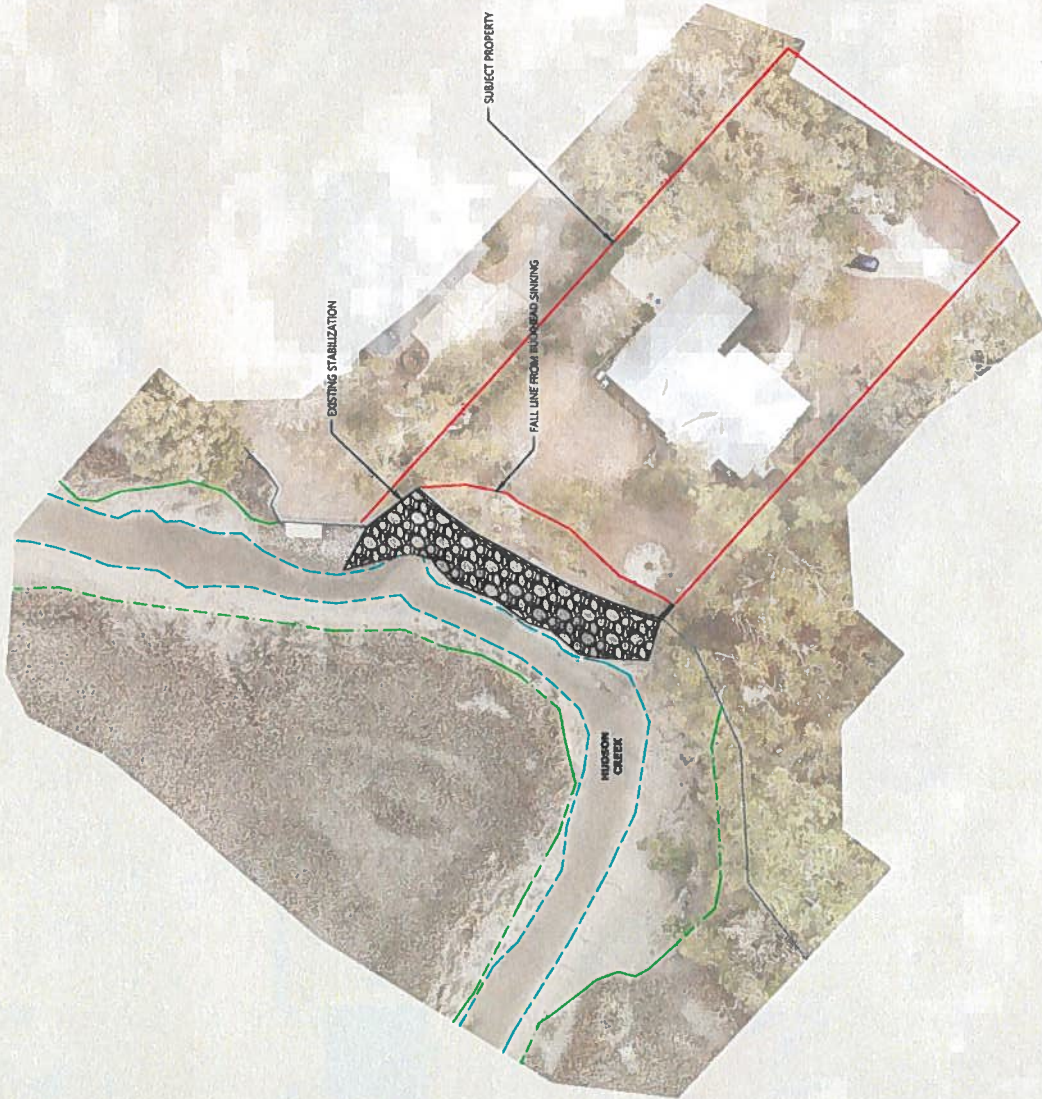
LEGEND

- These proposed wetlands are based on the following:
- MEAN LOW WATER
  - MEAN HIGH WATER
  - HIGH TIDE LINE
  - OYSTERS
  - RP RMP
  - FLEDMAT
  - MARSH VEG PLANTING
  - TRAILS, VEG PLANTING
  - UPLAND VEG PLANTING

LABARBA ENVIRONMENTAL SERVICES  
BRUNSWICK, GA  
PROJECT LOCATION  
PREPARED FOR:  
HAZE CASEY

DATE: 2/26/2026  
SCALE: NTS

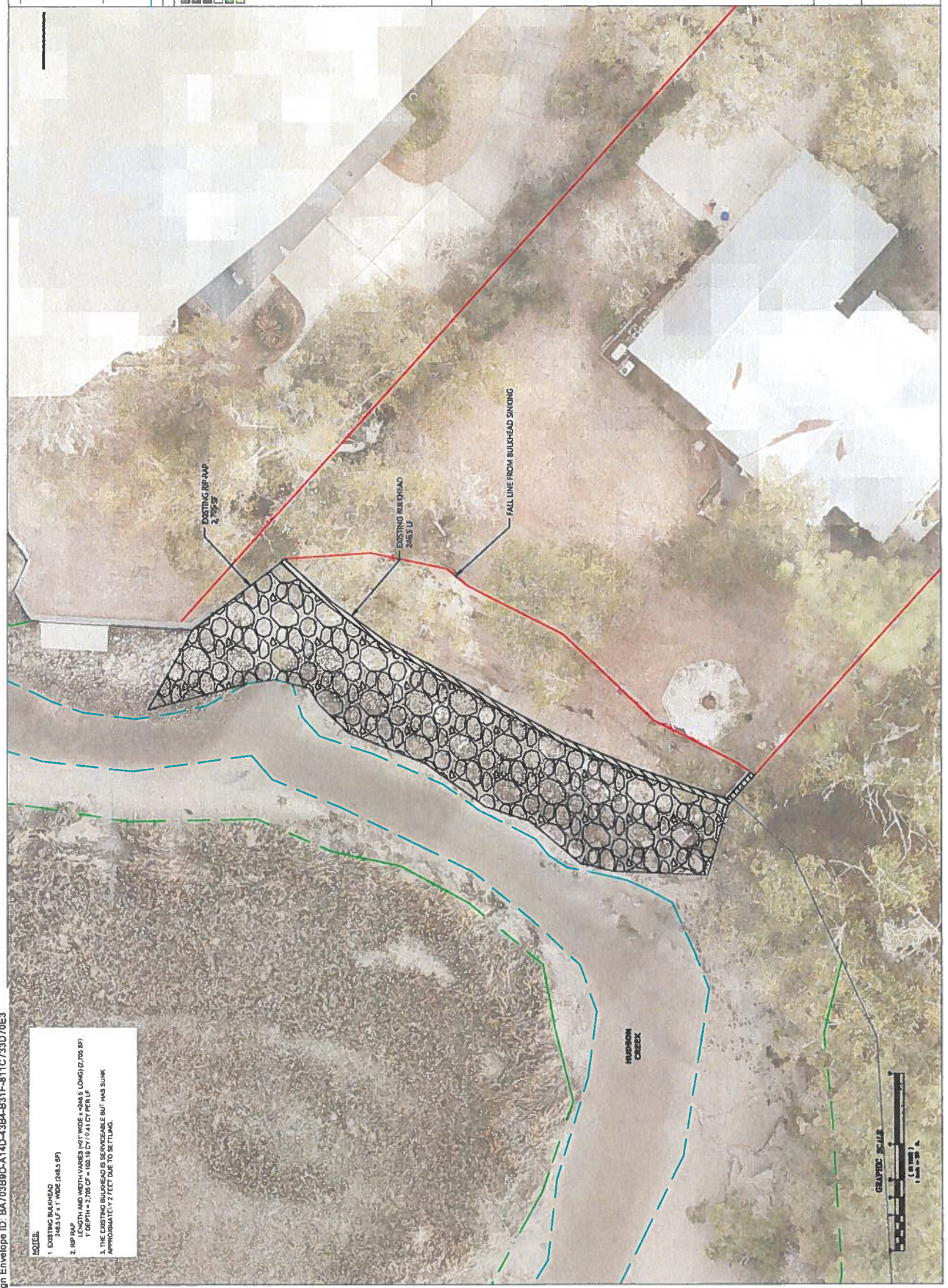
2  
SHEET



DocuSign Envelope ID: BA70398D-A14D-43B4-B31F-811C733D70E3

**NOTES:**

1. EXISTING BULKHEAD  
246.5 LF x 1' WIDE (246.5 SF)
2. RIP RAP  
LENGTH AND WIDTH VARIES 10" WIDE x 246.5' LONG (2,700 SF)  
1' DEPTH = 2,700 CF = 103.19 CU YD (1' CT PER LF)
3. THE EXISTING BULKHEAD IS SURVICABLE BUT HAS SUNK  
APPROXIMATELY 2 FEET DUE TO SETTLING.



**NOT RELEASED FOR CONSTRUCTION**

**LEGEND**

These proposed symbols are found in the drawing:

- MEAN LOW WATER
- MEAN HIGH WATER
- HIGH TIDE LINE
- OYSTERS
- RIP RAP
- FLEDMAT
- MARSH VEG PLANTING
- ROADS VEG PLANTING
- UPLAND VEG PLANTING

**EXISTING CONDITIONS**

**LABARBA ENVIRONMENTAL SERVICES**  
BRUNSWICK, GA  
PREPARED FOR:  
HAZE CASEY

DATE: 2/26/2026  
SCALE: NTS

**3**  
SHEET

**NOTES:**  
 1. MINOR GRADING WILL BE REQUIRED TO MATCH THE BELOW BULKHEAD ELEVATION TO THE ABOVE BULKHEAD ELEVATION  
 2. NO FORESHORE WILL BE INTRODUCED TO THE SITE  
 3. THE EXISTING BULKHEAD WILL BE LEFT IN PLACE AND CUT OFF AT THE MIDLINE TO PREVENT FURTHER DESTABILIZATION OF THE SHORELINE  
 4. MINOR GRADING AREA  
 2,690 SF  
 4773 SF IN UPLAND  
 1,973 SF IN CMAA JURISDICTION



NOT RELEASED FOR CONSTRUCTION

**LEGEND**

- EXISTING BULKHEAD (LINE WILL BE FOUND IN THE DRAWING)
- MEAN LOW WATER
- MEAN HIGH WATER
- HIGH TIDE LINE
- OTSTERS
- RIP RAP
- FLEXMAT
- MARSH VEG PLANTING
- TRUNKS, VEG PLANTING
- UPLAND VEG PLANTING

LABARBA ENVIRONMENTAL SERVICES  
 BRUNSWICK, GA  
 PREPARED FOR:  
 HAZE CASEY  
 DEMO AND GRADING

DATE: 2/26/2026  
 SCALE: NTS

4

SHEET





**NOTES:**

1. RIP RAP THAT WAS TEMPORARILY MOVED DURING GRADING RELOCATED TO EDGES OF FLEXAMAT
2. RELOCATED RIP RAP  
0.13 SF
3. TOTAL RIP RAP  
LENGTHS AND WIDTH VARIES (4.5' WIDE x=246.27' LONG) (1,100 SF)  
2.28' DEPTH = 2700 CF = 108,19 CFT (241 CFT PER LF)
4. NO CHANGE TO TOTAL RIP RAP FROM EXISTING VOLUME. RIP RAP WILL BE A SMALLER FOOTPRINT BUT GREATER DEPTH CONCENTRATED AT EDGE OF FLEXAMAT.

RELOCATED RIP RAP  
LENGTH VARIES  
WIDTH 4.5'



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**LEGEND**

- RIP RAP
- MEAN LOW WATER
- MEAN HIGH WATER
- HIGH TIDE LINE
- FLEXAMAT
- MARSH VEG PLANTING
- TRUNKS VEG PLANTING
- UPLAND VEG PLANTING

RIP RAP  
LABARBA ENVIRONMENTAL SERVICES  
BRUNSWICK, GA  
PREPARED FOR:  
HAZE CASEY

DATE: 2/26/2026  
SCALE: NTS

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**NOTES:**

1. TOTAL PLANTED AREA: 2,450 SF  
477 SF ON UPLAND  
1,973 SF IN CMPA JURISDICTION
2. PLANTS IN JURISDICTION WILL CONSIST OF:  
SPARTINA ALTERNIFLORA  
BORRICHIA FRUTESCENS  
BACCHARIS HALIMIFOLIA  
CENOPUS ALBICOLLIS  
IVA FRUTESCENS
3. UPLAND WILL BE PLANTED AS TURF GRASS TO MATCH EXISTING LAWN



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CONSTRUCTION

**LEGEND**

- These planting symbols will be found in the drawing.
- MEAN LOW WATER
  - MEAN HIGH WATER
  - HIGH TIDE LINE
  - OYSTERS
  - RIP RAP
  - FLEXAMAT
  - MARSH VEG PLANTING
  - TRANS. VEG PLANTING
  - UPLAND VEG PLANTING

VEGETATION PLANTING  
LABARBA ENVIRONMENTAL SERVICES  
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LEGEND

THICK LINES INDICATE ABUTMENT WALL FOUND IN THE DRAWING.

- MEAN LOW WATER
- MEAN HIGH WATER
- HIGH TIDE LINE
- OYSTERS
- RIP RAP
- FLEXAMAT
- MARSH KEG PLANTING
- TRUNKS, KEG PLANTING
- UPLAND KEG PLANTING

MATERIAL SPECIFICATIONS

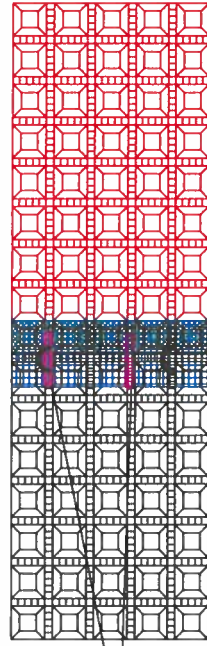
LABARBA ENVIRONMENTAL SERVICES  
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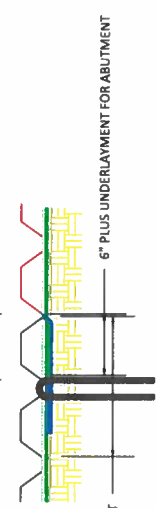
8

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**ABUTMENT METHOD FOR SHORELINE WIDTH LESS THAN 16'**



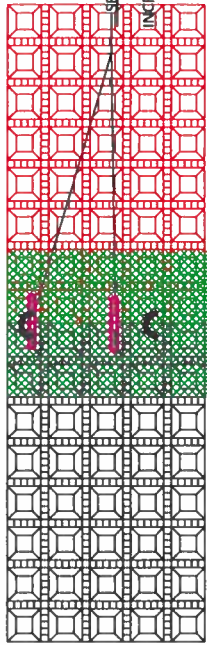
30" RECYCLEX TRM SPACED EVENLY BETWEEN EACH MAT AT THE SEAM



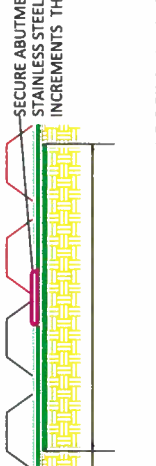
**PROFILE VIEW OF SLOPE AND ANCHOR TRENCH**



**ABUTMENT METHOD FOR SHORELINE WIDTH GREATER THAN 16'**



30" RECYCLEX TRM SPACED EVENLY BETWEEN EACH MAT AT THE SEAM



**FLEXAMAT PLUS - SHORELINE ARMORING**

**CONSTRUCTION NOTES:**

1. AN ENGINEER OR MANUFACTURER REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
2. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
3. PRIOR TO FLEXAMAT PLUS INSTALLATION, SEED AND FERTILIZE SUBGRADE WITH SITE SPECIFIC SEED MIX IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
4. INSTALL FLEXAMAT PLUS ROLLS. MATS SHALL BE CONTINUOUS FOR ENTIRE LENGTH OF SLOPE.
- 4.1. MATTING SHALL EXTEND 3' BELOW ORDINARY WATER LEVEL.
5. AT MAT ABUTMENT SEAMS, INSTALL RECYCLEX TRM SEAMS EVENLY UNDER EACH MAT.
6. SECURE ABUTMENT SEAMS IN 2' INCREMENTS USING STAINLESS STEEL ZIP TIES OR #3 REBAR - 18" U-ANCHORS. ZIP TIES SHALL ENCOMPASS 3 CORDS OF GRID OF EACH ABUTTING MAT OR GEOGRID EXTENSION. U-ANCHORS SHALL ENCOMPASS 2 CORDS OF GEOGRID OF EACH ABUTTING MAT OR GEOGRID EXTENSION.
7. AT THE BEGINNING AND END OF THE SHORELINE PROTECTION, EMBED THE MAT 18" PAST THE ANTICIPATED SCOUR POINT. FILL AND COMPACT TERMINATION TRENCH WITH COHESIVE SOIL.
8. RECESS TOP TWO BLOCKS OF MAT INTO THE SLOPE.

**MOTZ  
ENTERPRISES, INC.**

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Flexamat.com



REV - 2

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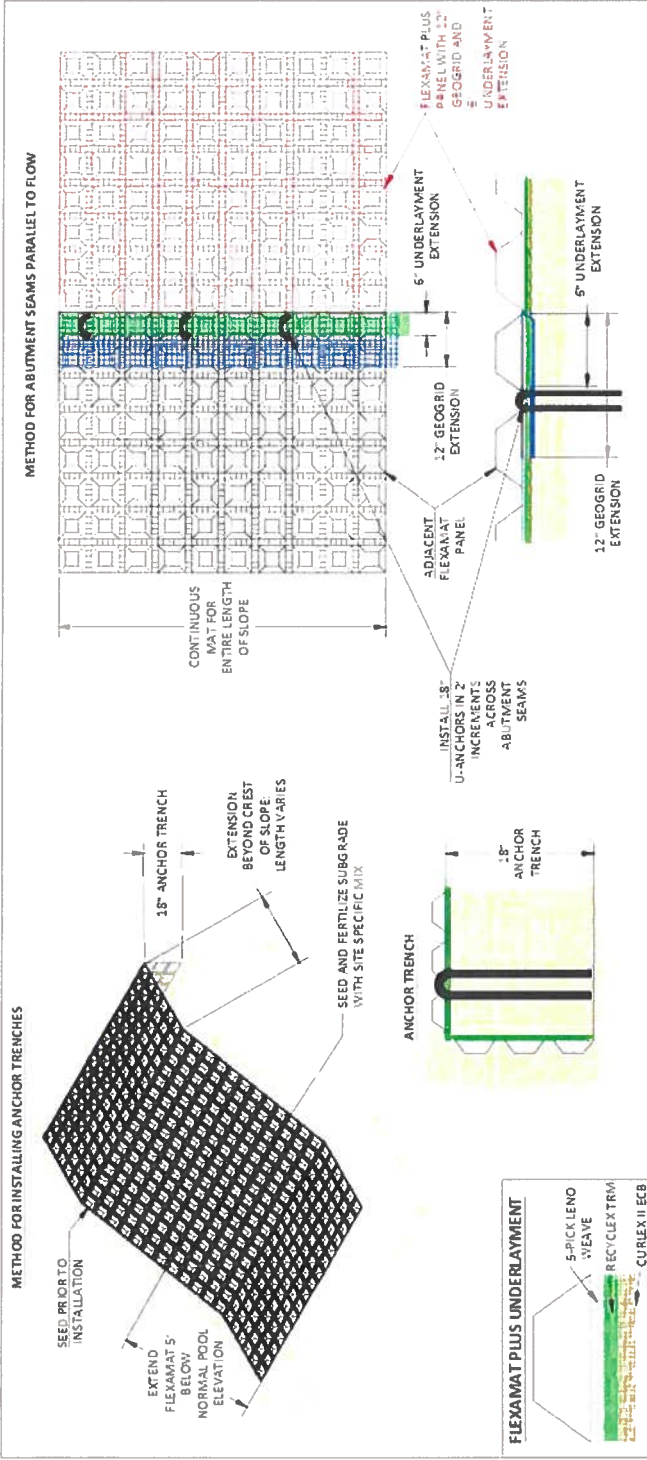
LEGEND  
 THESE MATERIALS WILL BE FOUND IN THE DRAWING:  
 MEAN LOW WATER  
 MEAN HIGH WATER  
 HIGH TIDE LINE  
 OYSTERS  
 RP PMP  
 FLEXAMAT  
 MARSH VEG PLANTING  
 TRAILS, VEG PLANTING  
 UPLAND VEG PLANTING

MATERIAL SPECIFICATIONS  
 LABARBA ENVIRONMENTAL SERVICES  
 BRUNSWICK, GA  
 PREPARED FOR:  
 HAZE CASEY

DATE: 2/26/2026  
 SCALE: NTS

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SHEET:



### FLEXAMAT PLUS - WAVE IMPACT SHORELINE ARMORING

#### CONSTRUCTION NOTES:

1. AN ENGINEER OR MANUFACTURER'S REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION.
2. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
3. PRIOR TO FLEXAMAT PLUS INSTALLATION, SEED AND FERTILIZE THE SUBGRADE WITH SITE SPECIFIC SEED MIX IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
4. INSTALL FLEXAMAT ROLLS THAT ARE 15.5' WIDE AND INCLUDE A 12" GEOGRID AND 6" PLUS UNDERLAYMENT EXTENSION FOR OVERLAPPING MATS. THE TOP EDGE OF MAT SHALL BE RECESSED 18" INTO THE SLOPE. INSTALL SUBSEQUENT MATS OVER THE 12" GEOGRID AND 6" PLUS EXTENSION OF THE DOWNSTREAM MAT INSTALLED ADJACENT MAT. MATS SHALL BE CONTINUOUS FOR ENTIRE LENGTH OF SLOPE.
5. SECURE OVERLAP SEAMS IN 2' INCREMENTS USING 18" U-ANCHORS. U-ANCHORS SHALL EXTEND AROUND 2 CORDS OF GEOGRID ON EACH MAT.
6. AT THE BEGINNING AND END OF THE SHORELINE/LEVEE PROTECTION, EMBED THE MAT 18" PAST THE ANTICIPATED SCOUR POINT. FILL AND COMPACT TERMINATION TRENCH WITH COHESIVE SOIL.
7. EXTEND FLEXAMAT 5' BELOW ORDINARY POOL ELEVATION.

Zulu Marine  
 7505 Waters Ave  
 Savannah Ga

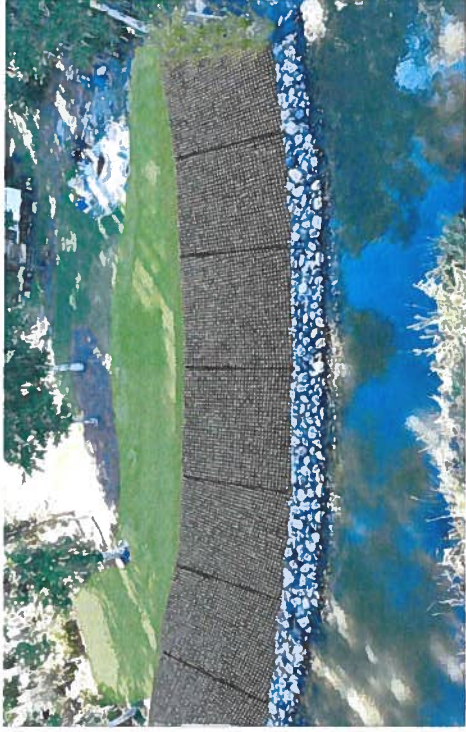


REV-1

EXISTING CONDITIONS



FLEXAMAT INSTALLED



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CONSTRUCTION

LEGEND

- MEAN LOW WATER
- MEAN HIGH WATER
- HIGH TIDE LINE
- OSTERS
- RIP RAP
- FLEXAMAT
- MARSH VEG PLANTING
- TRANS. VEG PLANTING
- UPLAND VEG PLANTING

VEGETATION PLANTING

LABARBA ENVIRONMENTAL SERVICES  
BRUNSWICK, GA  
PREPARED FOR:  
HAZE CASEY

DATE: 7/26/2026  
SCALE: NTS

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SHEET: