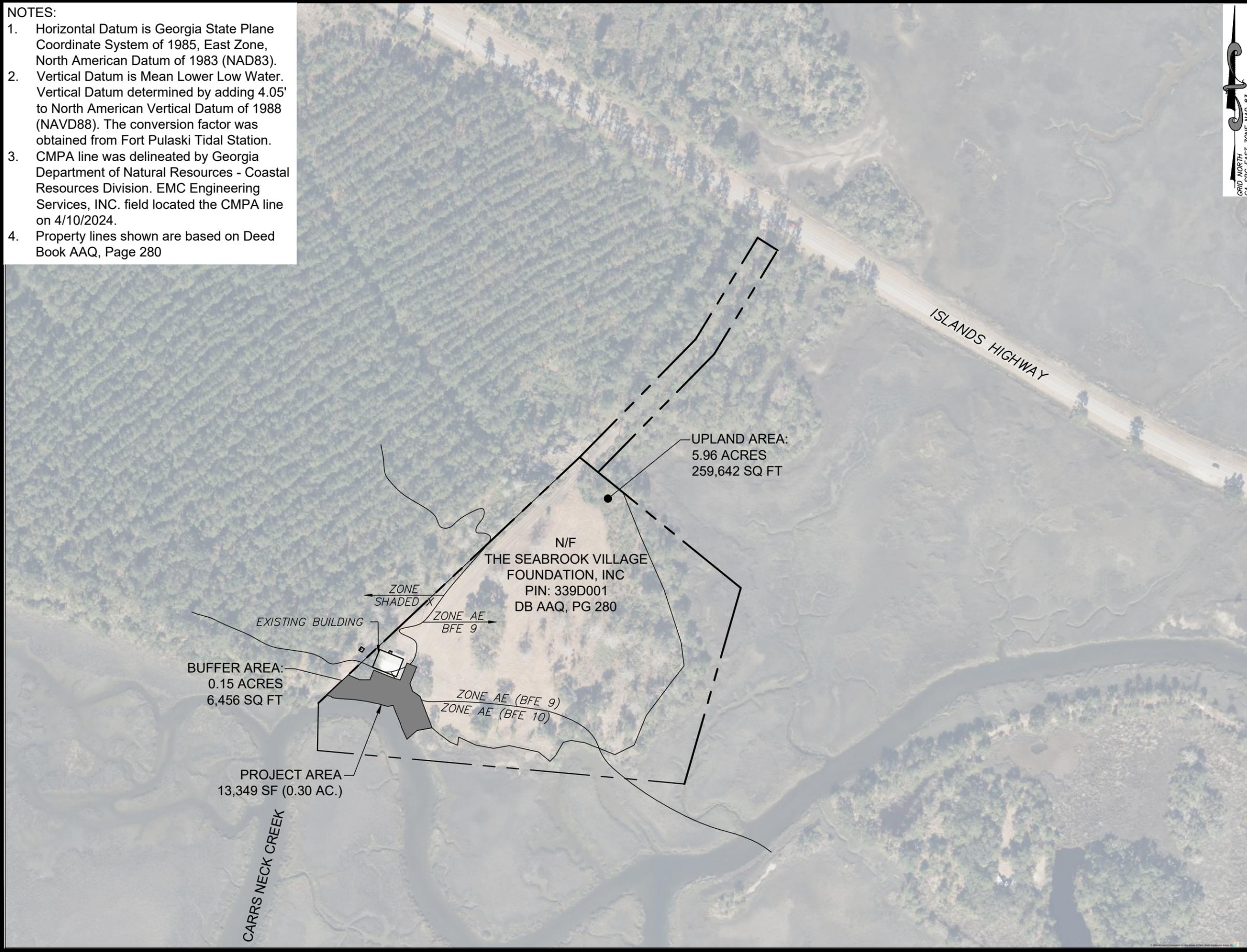


O:\2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_C02 MLLW 5-29-2025.DWG

NOTES:

1. Horizontal Datum is Georgia State Plane Coordinate System of 1985, East Zone, North American Datum of 1983 (NAD83).
2. Vertical Datum is Mean Lower Low Water. Vertical Datum determined by adding 4.05' to North American Vertical Datum of 1988 (NAVD88). The conversion factor was obtained from Fort Pulaski Tidal Station.
3. CMPA line was delineated by Georgia Department of Natural Resources - Coastal Resources Division. EMC Engineering Services, INC. field located the CMPA line on 4/10/2024.
4. Property lines shown are based on Deed Book AAQ, Page 280



GRID NORTH  
GA SFC EAST ZONE NAD 83

**EMC ENGINEERING SERVICES, INC.**  
 1111 Glynco Parkway  
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 Brunswick, GA 31525  
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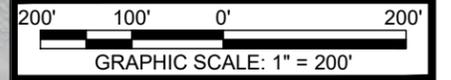
CIVIL MARINE ENVIRONMENTAL

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**PROJECT LOCATION**

MARTHA RANDOLPH STEVENS PARK  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA

Prepared for:  
 THE SEABROOK VILLAGE FOUNDATION, INC.



PROJECT NO.:	24-5020
DRAWN BY:	KLC
DESIGNED BY:	KLC
SURVEYED BY:	JKL
SURVEY DATE:	4/10/2024
CHECKED BY:	ABM
SCALE:	1" = 200'
DATE:	6/2/2025

SHEET  
**1**  
 OF 9

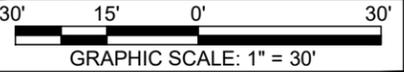
- NOTES:**
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  - Property lines shown are based on Deed Book AAQ, Page 280

- CALCULATIONS BELOW CMPA LINE**
- TOTAL LENGTH: 243 LF
  - MARSHLAND IMPACT AREA: 5,340 SF (0.12 AC)
  - FLEXAMAT: 4,913 SF x 2.25" DEEP = 33.55 CY
  - RIP RAP: 210' (L) x 2' (W) x 2.5' (H) = 39 CY
  - OYSTER BAGS: 434 SF (0.01 AC)
  - APPROXIMATE OYSTER BAGS: 5 CY
  - OYSTER TABLES: 328 SF
  - GRADING AREA: 5,340 SF (0.12 AC)
  - APPROXIMATE CUT: 45 CY
  - APPROXIMATE FILL: 89 CY
  - VEGETATIVE PLANTING: 3,731 SF (0.08 AC)
- CALCULATIONS BELOW HIGH TIDE LINE**
- IMPACT AREA: 3,838 SF (0.09 AC)
  - FLEXAMAT: 3,413 SF x 2.25" DEEP = 25.78 CY
  - RIP RAP: 210' (L) x 2' (W) x 2.5' (H) = 39 CY
  - OYSTER BAGS: 325 SF (0.007 AC)
  - APPROXIMATE OYSTER BAGS: 4 CY
  - OYSTER TABLES: 328 SF
  - GRADING AREA: 3,838 SF (0.09 AC)
  - APPROXIMATE CUT: 28 CY
  - APPROXIMATE FILL: 73 CY
  - VEGETATIVE PLANTING: 2,340 SF (0.05 AC)

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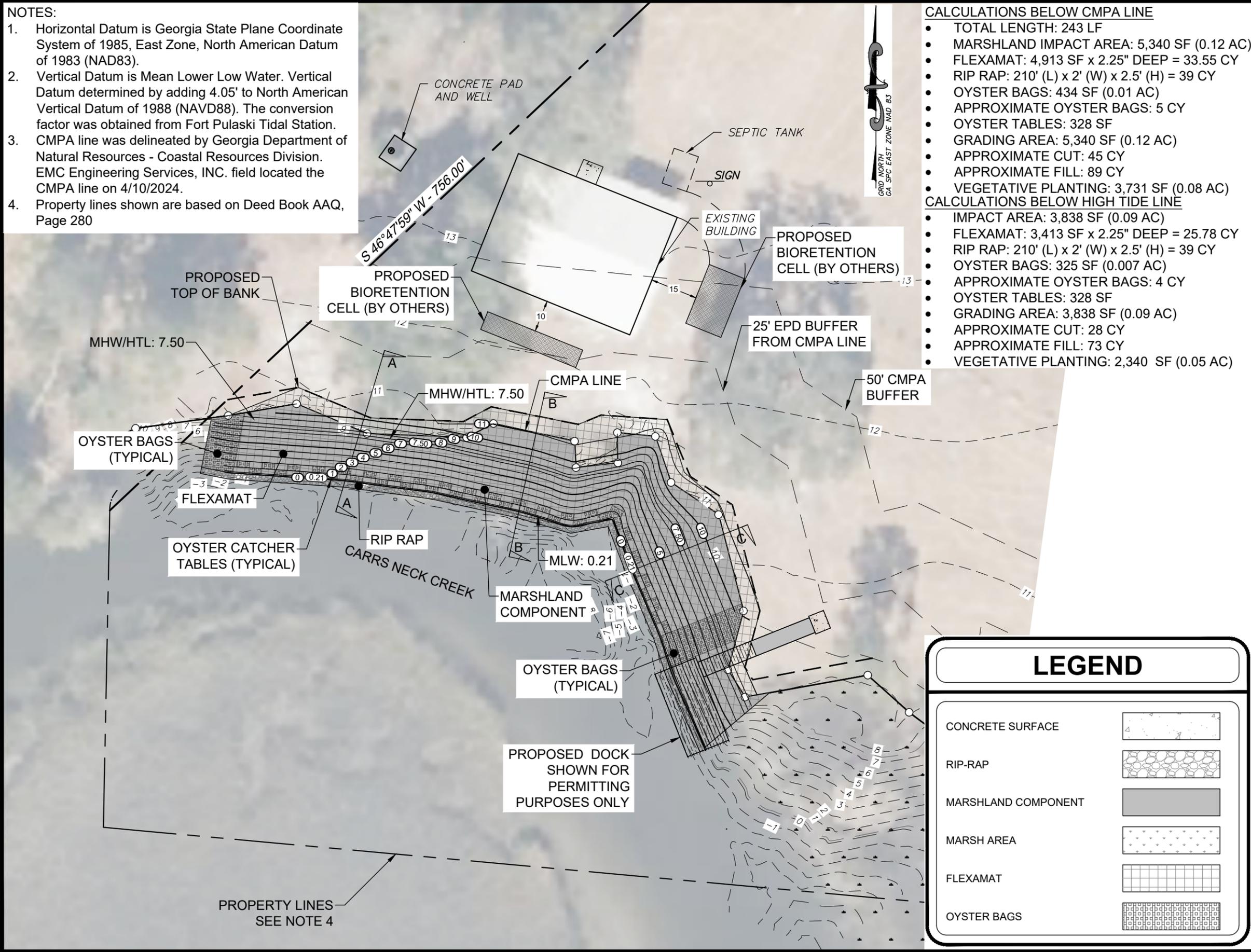
**MARSHLAND COMPONENT**  
**MARTHA RANDOLPH STEVEN PARK**  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA  
 Prepared for:  
**THE SEABROOK VILLAGE FOUNDATION, INC**



PROJECT NO.:	24-5020
DRAWN BY:	KLC
DESIGNED BY:	KLC
SURVEYED BY:	JKL
SURVEY DATE:	4/10/2024
CHECKED BY:	ABM
SCALE:	1" = 30'
DATE:	6/2/2025

**SHEET**  
**2**  
 OF 9

O:\2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_C02 MLLW 5-29-2025.DWG



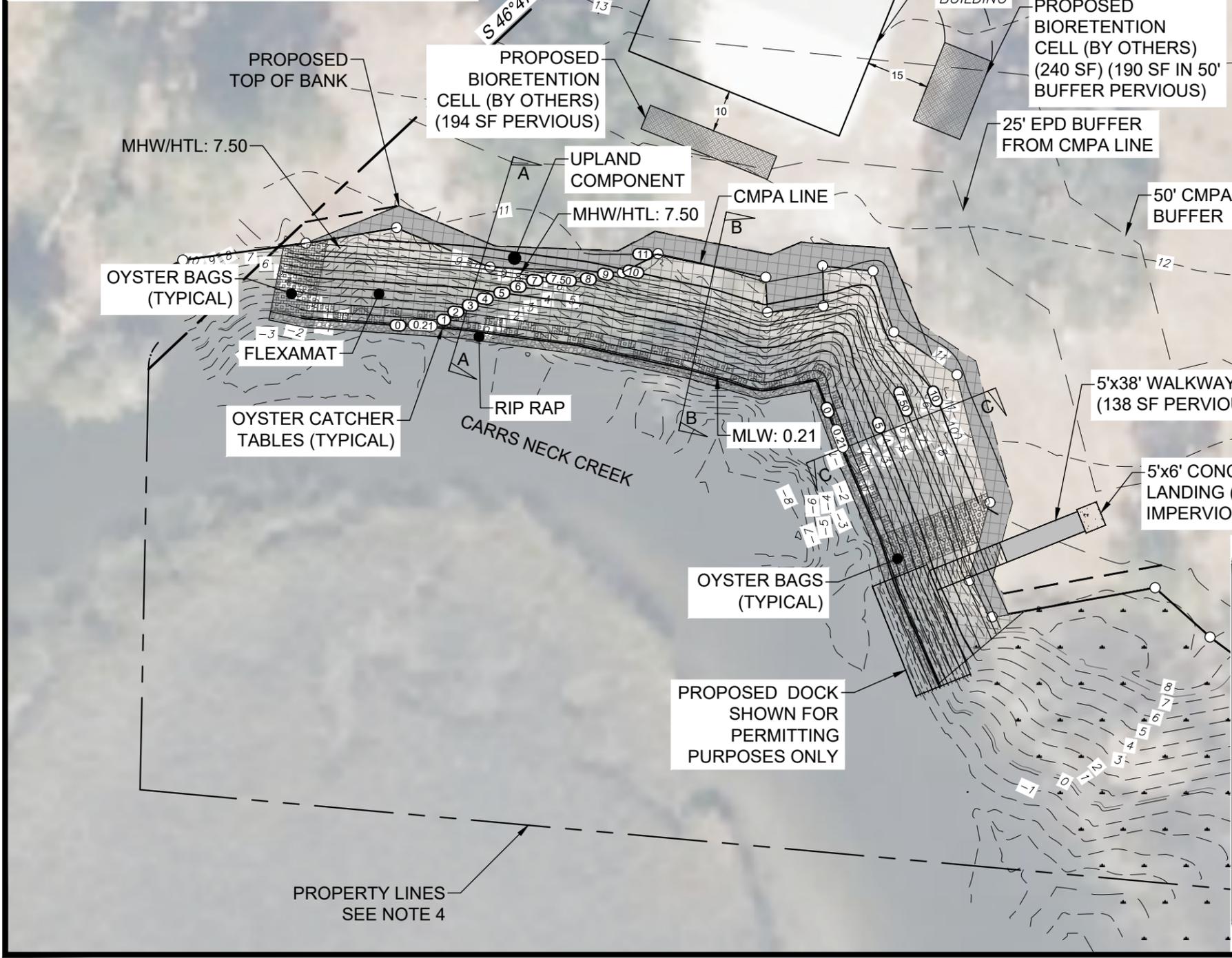
**LEGEND**

CONCRETE SURFACE	
RIP-RAP	
MARSHLAND COMPONENT	
MARSH AREA	
FLEXAMAT	
OYSTER BAGS	

O:\2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_CO2 MLLW 5-29-2025.DWG

**NOTES:**

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**CALCULATIONS ABOVE CMPA LINE**

- FLEXAMAT: 1,288 SF x 2.25" DEEP = 8.94 CY
- APPROXIMATE CUT: 19 CY
- APPROXIMATE FILL: 2 CY

**CALCULATIONS ABOVE HIGH TIDE LINE**

- PROJECT AREA: 13,349 SF (0.30 AC)
- FLEXAMAT: 27,89 SF x 2.25" DEEP = 19.36 CY

**NOTES**

- ALL UPLAND IMPACTS WILL BE PERMITTED BY EPD THROUGH A BUFFER VARIANCE.

**BUFFER AREA (PRE CONSTRUCTION)**

- TOTAL BUFFER AREA: 12,805 SF (0.29 AC)
- IMPERVIOUS AREA: 641 SF (5%)
- PERVIOUS AREA: 12,164 SF (95%)

**BUFFER AREA (POST CONSTRUCTION)**

- TOTAL BUFFER AREA: 12,805 SF (0.29 AC)
- IMPERVIOUS AREA: 671 SF (5.2%)
- PERVIOUS AREA: 12,134 SF (94.8%)
- INCREASE OF 30 SF (0.2%) IMPERVIOUS AREA

LEGEND	
CONCRETE SURFACE	
RIP-RAP	
MARSHLAND COMPONENT	
MARSH AREA	
FLEXAMAT	
OYSTER BAGS	

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**UPLAND**  
**MARTHA RANDOLPH STEVEN PARK**  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA  
 Prepared for:  
**THE SEABROOK VILLAGE FOUNDATION, INC**



30' 15' 0' 30'  
 GRAPHIC SCALE: 1" = 30'

PROJECT NO.: 24-5020  
 DRAWN BY: KLC  
 DESIGNED BY: KLC  
 SURVEYED BY: JKL  
 SURVEY DATE: 4/10/2024  
 CHECKED BY: ABM  
 SCALE: 1" = 30'  
 DATE: 6/2/2025

SHEET  
**3**  
 OF 9

O:\2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_C02 MLLW 5-29-2025.DWG

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- NOTES**
- DOCK SHOWN FOR PERMITTING PURPOSES ONLY.
  - THE STRUCTURAL DESIGN AND CONSTRUCTION WILL BE COMPLETED IN THE FUTURE.

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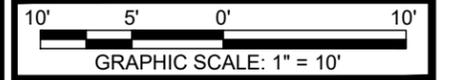
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**DOCK EXHIBIT**

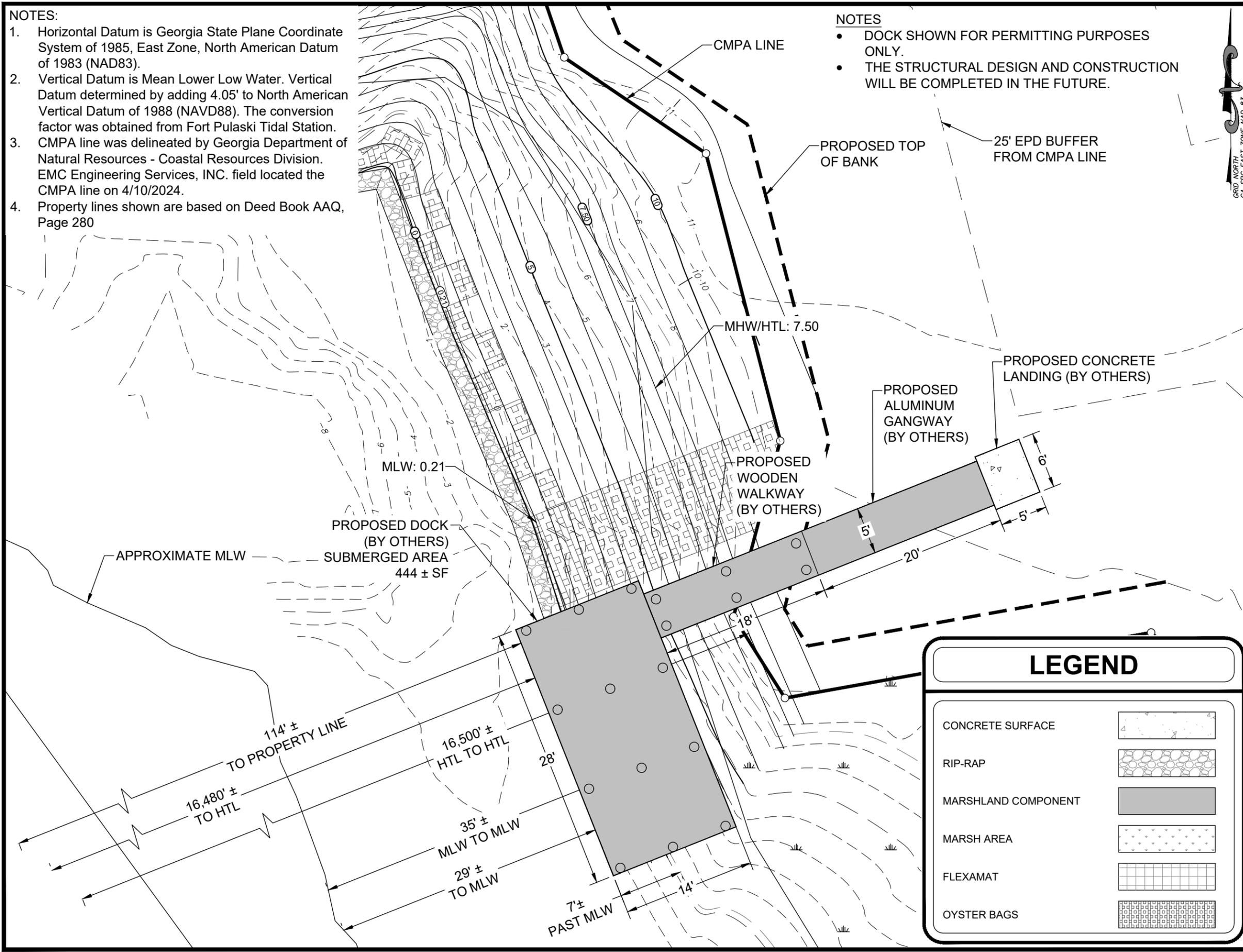
**MARTHA RANDOLPH STEVEN PARK**  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA

Prepared for:  
**THE SEABROOK VILLAGE FOUNDATION, INC**



PROJECT NO.:	24-5020
DRAWN BY:	KLC
DESIGNED BY:	KLC
SURVEYED BY:	JKL
SURVEY DATE:	4/10/2024
CHECKED BY:	ABM
SCALE:	1" = 10'
DATE:	6/2/2025

**SHEET**  
**4**  
 OF 9



**LEGEND**

CONCRETE SURFACE	
RIP-RAP	
MARSHLAND COMPONENT	
MARSH AREA	
FLEXAMAT	
OYSTER BAGS	

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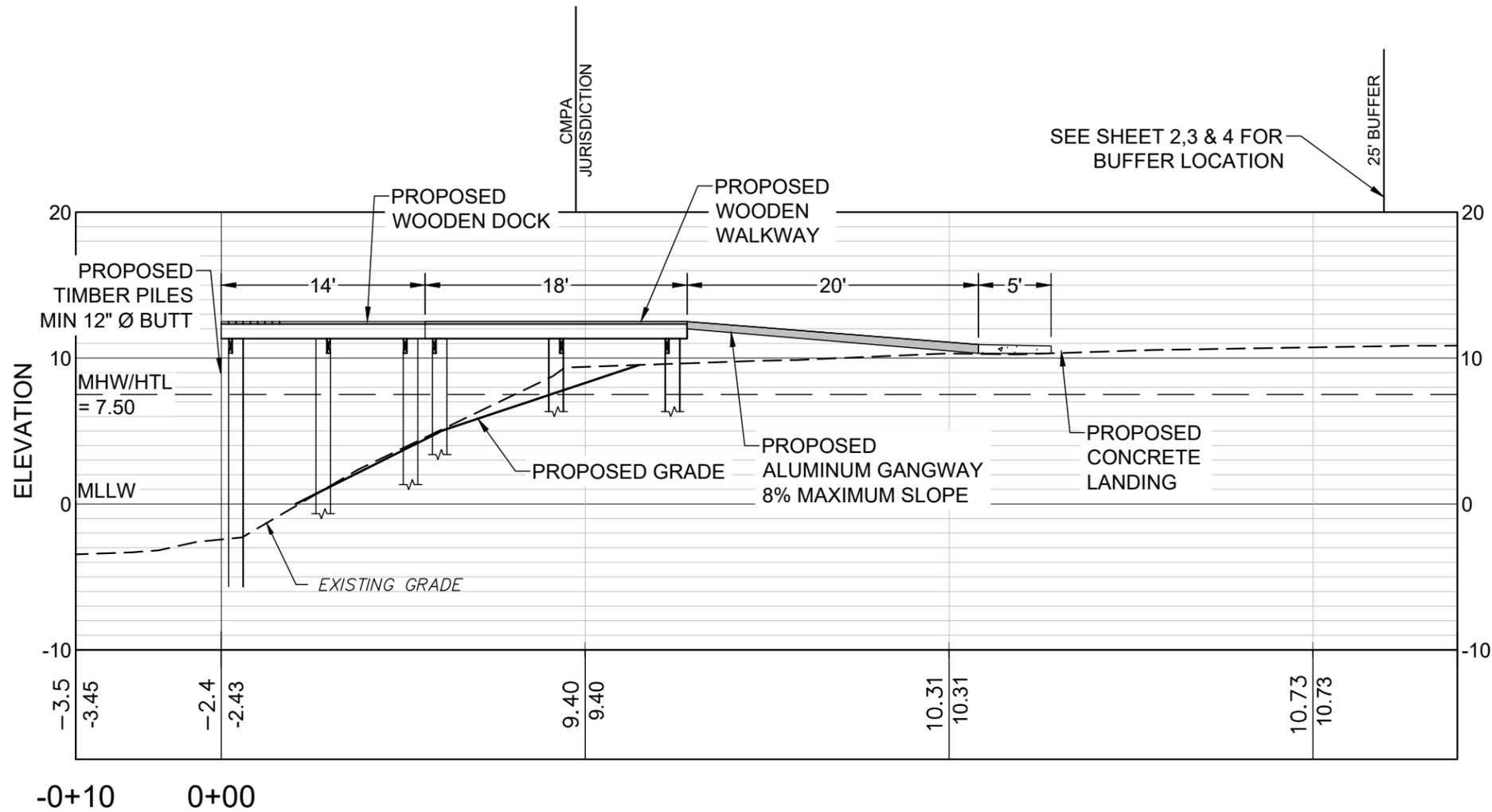
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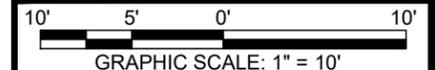
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**DOCK PROFILE**  
 HORZ SCALE: 1" = 10'  
 VERT SCALE: 1" = 10'

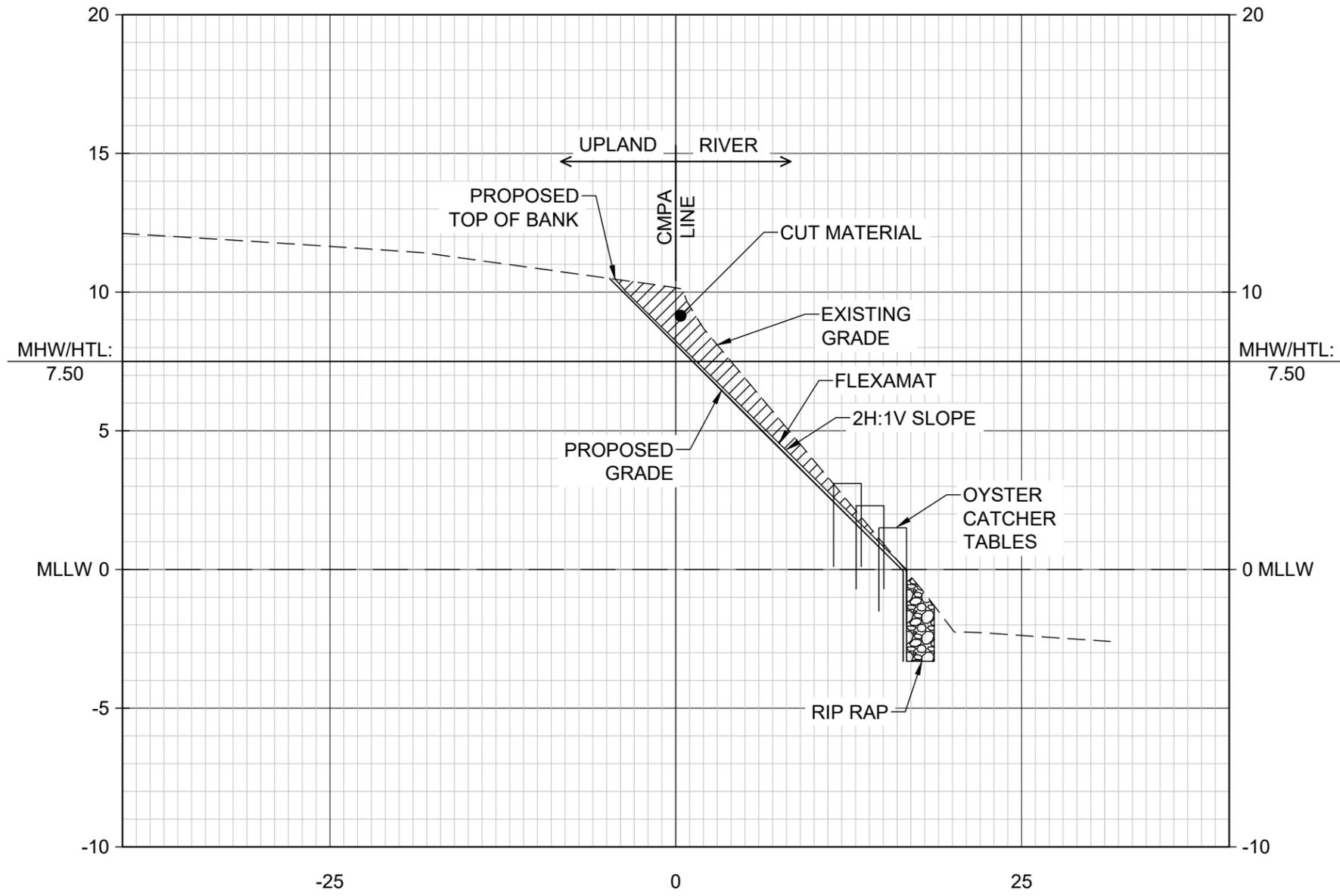
**DOCK EXHIBIT**  
 MARTHA RANDOLPH STEVEN PARK  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA  
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SHEET  
**5**  
 OF 9

O: \2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_02 MLLW 5-29-2025.DWG



**SECTION A**  
 HORZ SCALE: 1" = 10'  
 VERT SCALE: 1" = 5'

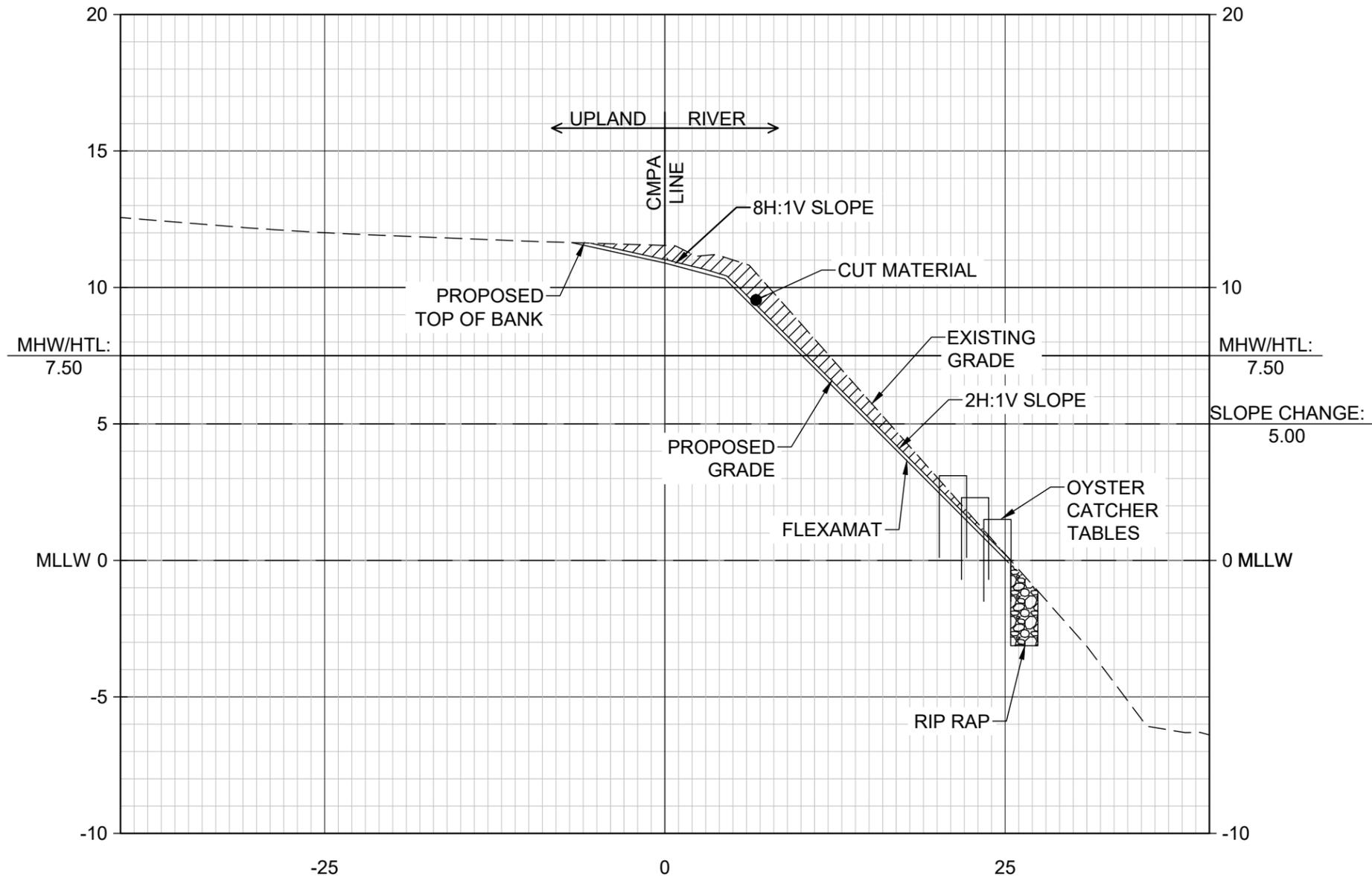
**CROSS SECTION**  
 MARTHA RANDOLPH STEVEN PARK  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA  
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**SHEET**  
**6**  
 OF 9

O: \2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_02 MLLW 5-29-2025.DWG



**SECTION B**  
 HORZ SCALE: 1" = 10'  
 VERT SCALE: 1" = 5'

**CROSS SECTION**

MARTHA RANDOLPH STEVEN PARK  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA

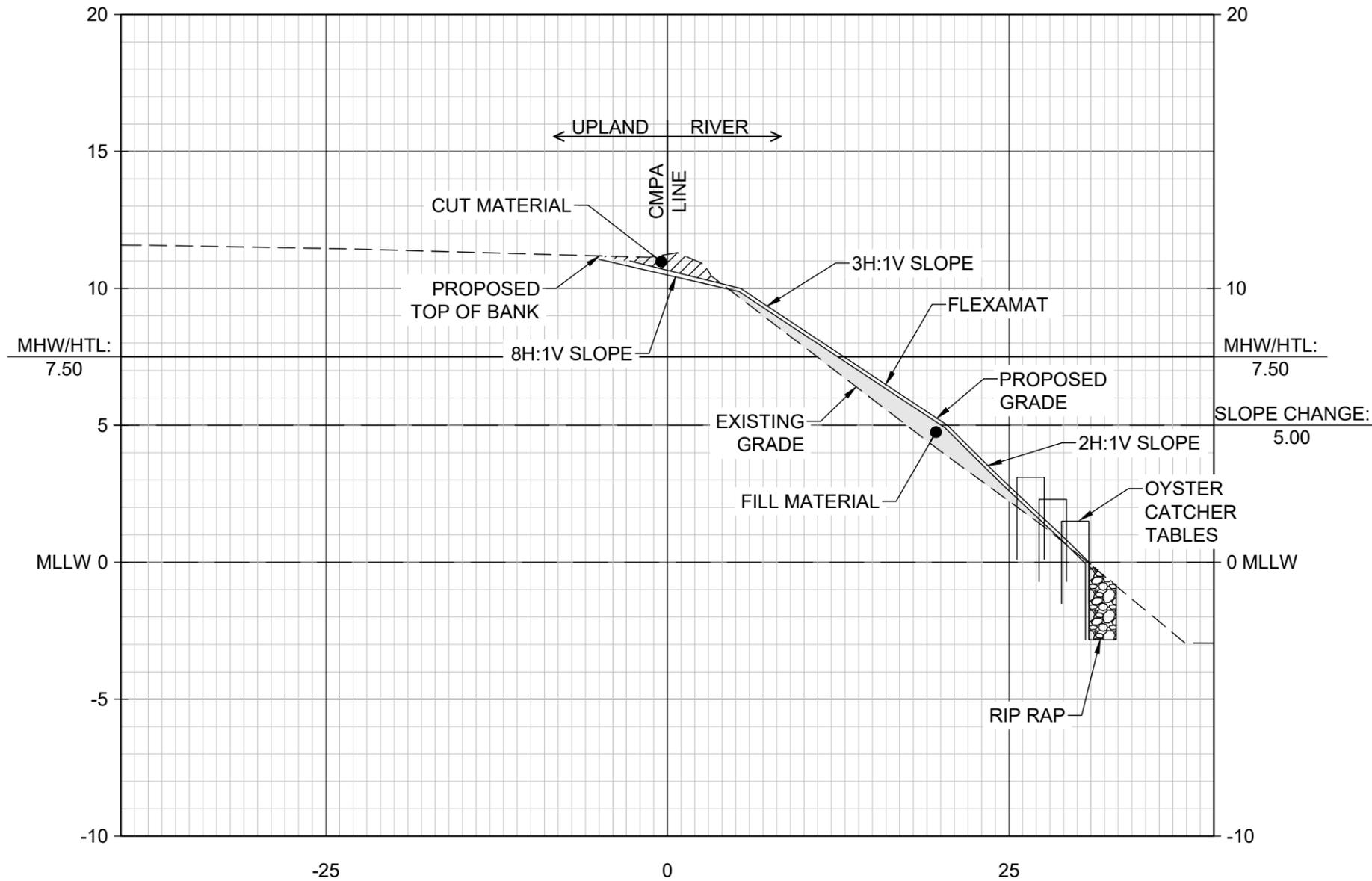
Prepared for:  
 THE SEABROOK VILLAGE FOUNDATION, INC



PROJECT NO.:	24-5020
DRAWN BY:	KLC
DESIGNED BY:	KLC
SURVEYED BY:	JKL
SURVEY DATE:	4/10/2024
CHECKED BY:	ABM
SCALE:	1" = 10'
DATE:	6/2/2025

**SHEET**  
**7**  
 OF 9

O: \2024\24-5020.01 MARTHA RANDOLPH STEVENS PARK - LABARBA\DWG\24-5020C\_02 MLLW 5-29-2025.DWG



**SECTION C**  
 HORZ SCALE: 1" = 10'  
 VERT SCALE: 1" = 5'

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6/2/2025

**MARTHA RANDOLPH STEVEN PARK**  
 1359 G.M. DISTRICT  
 LIBERTY COUNTY, GEORGIA

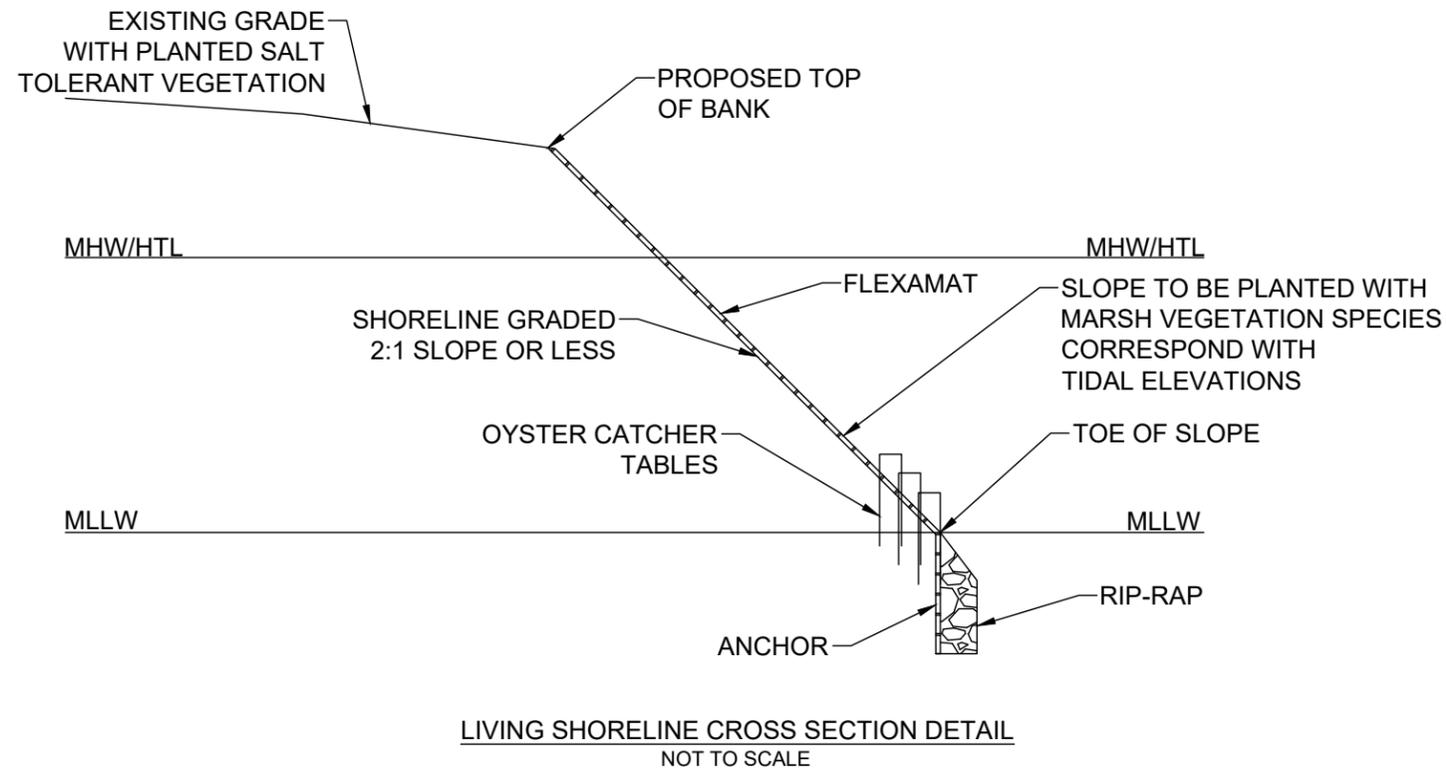
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PROJECT NO.:	24-5020
DRAWN BY:	KLC
DESIGNED BY:	KLC
SURVEYED BY:	JKL
SURVEY DATE:	4/10/2024
CHECKED BY:	ABM
SCALE:	1" = 10'
DATE:	5/30/2025

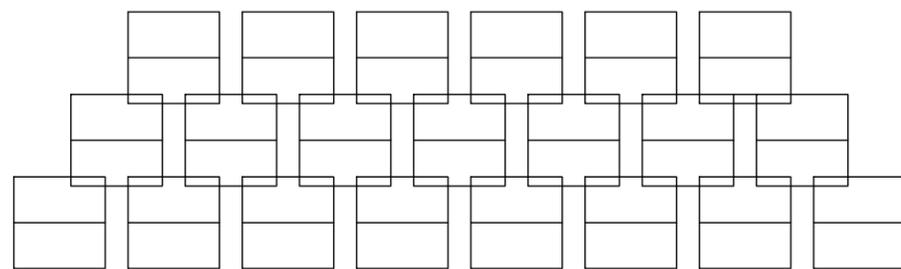
SHEET  
**8**  
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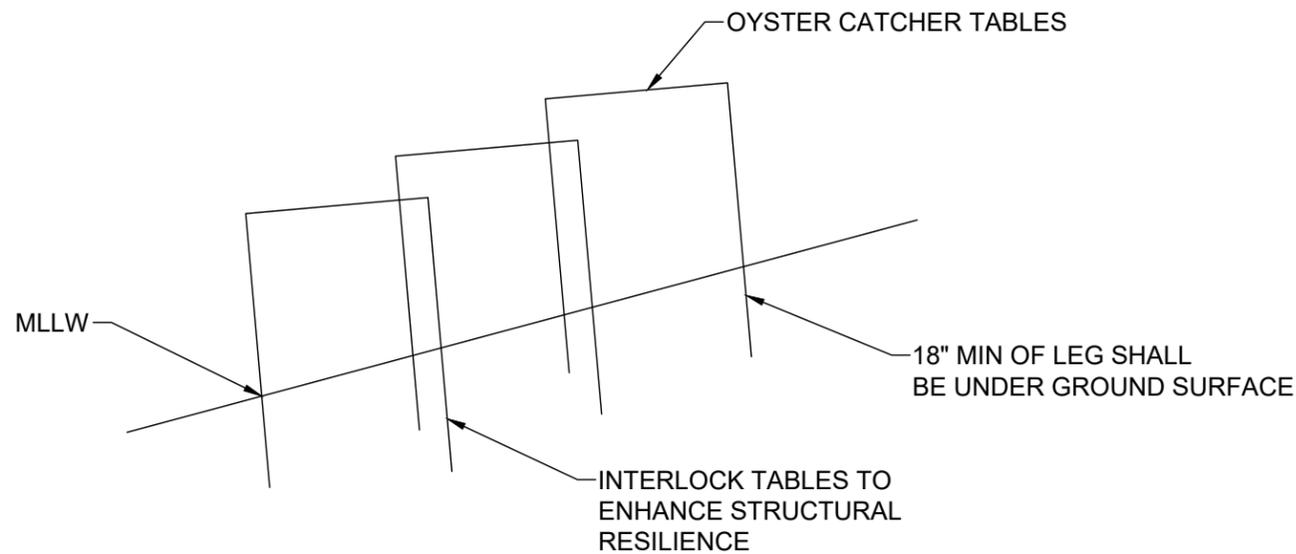


LIVING SHORELINE CROSS SECTION DETAIL  
NOT TO SCALE

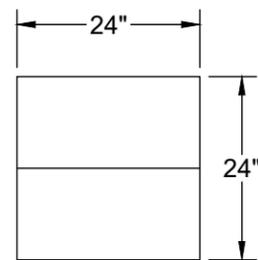
OYSTER CATCHER TABLE  
PLAN VIEW



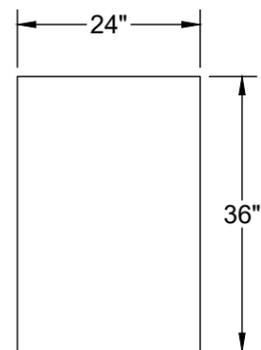
OYSTER CATCHER TABLE  
PROFILE VIEW



OYSTER CATCHER TABLE  
TOP VIEW



OYSTER CATCHER TABLE  
SIDE VIEW



LIVING SHORELINE DETAIL

MARTHA RANDOLPH STEVEN PARK  
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 LIBERTY COUNTY, GEORGIA  
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