

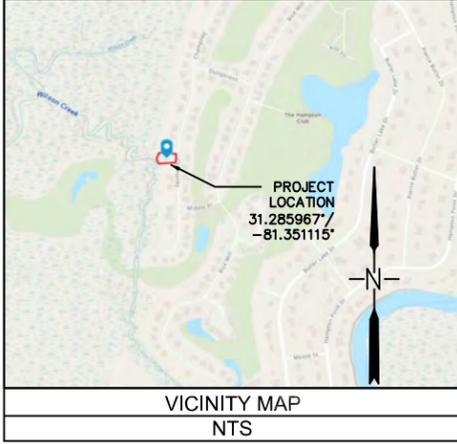
HOLBROOK & JENKINS RESIDENCES' SHORELINE STABILIZATION COASTAL MARSHLANDS PROTECTION ACT

LEGEND
These standard symbols will be found in the drawing.

- MEAN LOW WATER
- EXTENDED PL
- MEAN HIGH WATER
- MARSH VEGETATION
- ROOFLINE
- MARSH
- ▨ BULKHEAD
- ▩ RIP RAP

NOT RELEASED
FOR
CONSTRUCTION

NOTES



PREPARED FOR:
JAMES & KAREN HOLBROOK & JAY JENKINS
919 & 921 CHAMPNEY
ST. SIMONS ISLAND, GA 31522

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

ORIGINAL ISSUE DATE: 4/21/25

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COVER

LABARBA ENVIRONMENTAL SERVICES
BRUNSWICK, GA

PREPARED FOR:
JAMES & KAREN HOLBROOK & JAY JENKINS

DATE: 2/2/2026
SCALE: NTS

1

SHEET:

LEGEND

These standard symbols will be found in the drawing.

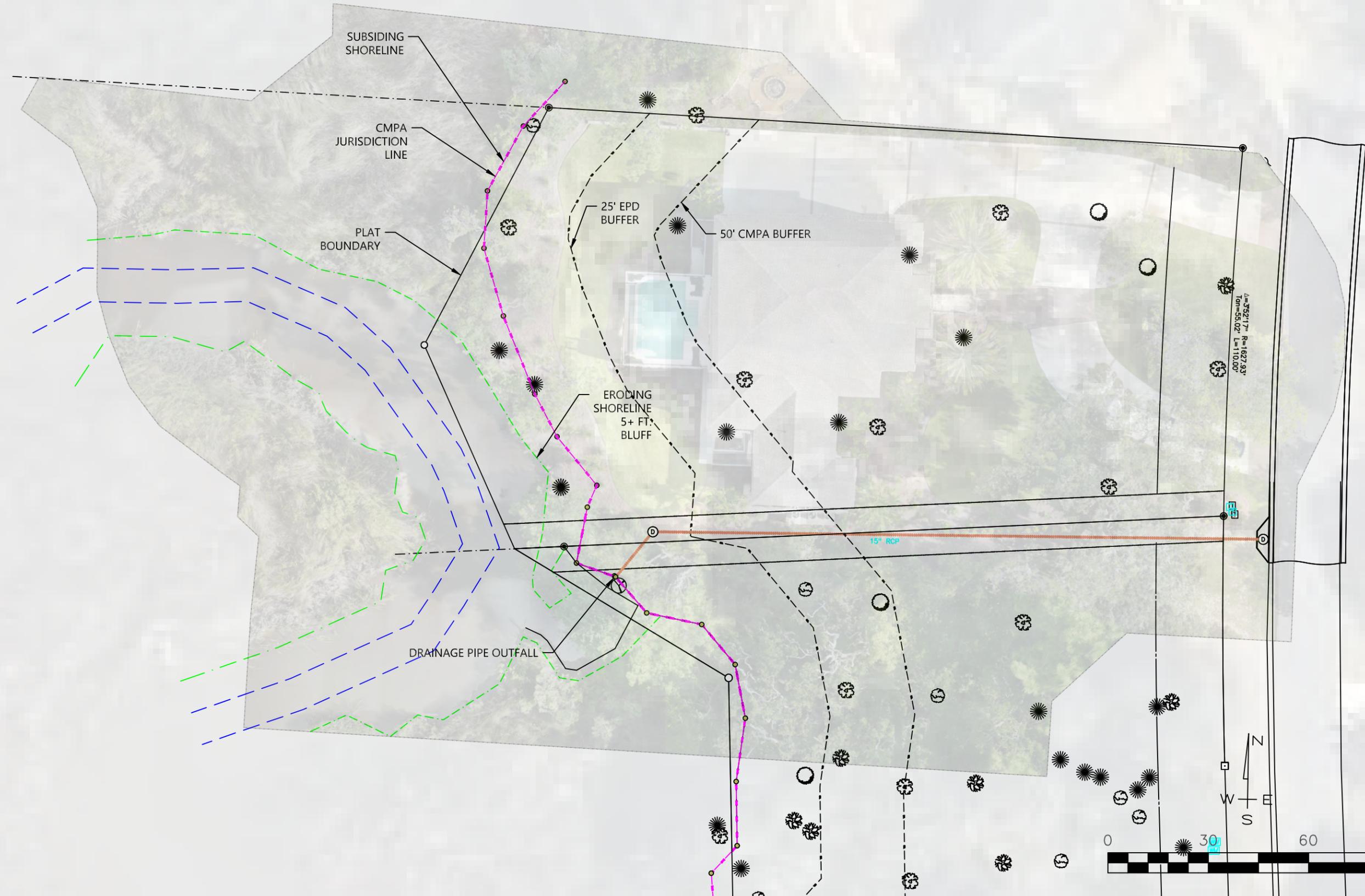
- MEAN LOW WATER
- EXTENDED PL
- MEAN HIGH WATER
- MARSH VEGETATION
- SETBACK
- ☐ MARSH
- ▨ BULKHEAD
- ▩ RIP RAP

NOT RELEASED FOR CONSTRUCTION

NOTES

1. LOT AND CMPA LINE SURVEYS WERE PROVIDED BY JACKSON SURVEYING LLC ON DRAWING NUMBER C0719 & C0799, DATED MARCH 16, 2021 AND APRIL 1, 2025.

2. MLW AND VEGETATION LOCATIONS HAVE NOT BEEN VERIFIED BY A LICENSED SURVEYOR.



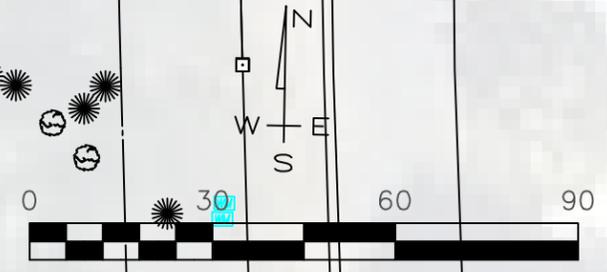
EXISTING CONDITIONS

**LABARBA ENVIRONMENTAL SERVICES
BRUNSWICK, GA**

PREPARED FOR:
JAMES & KAREN HOLBROOK & JAY JENKINS

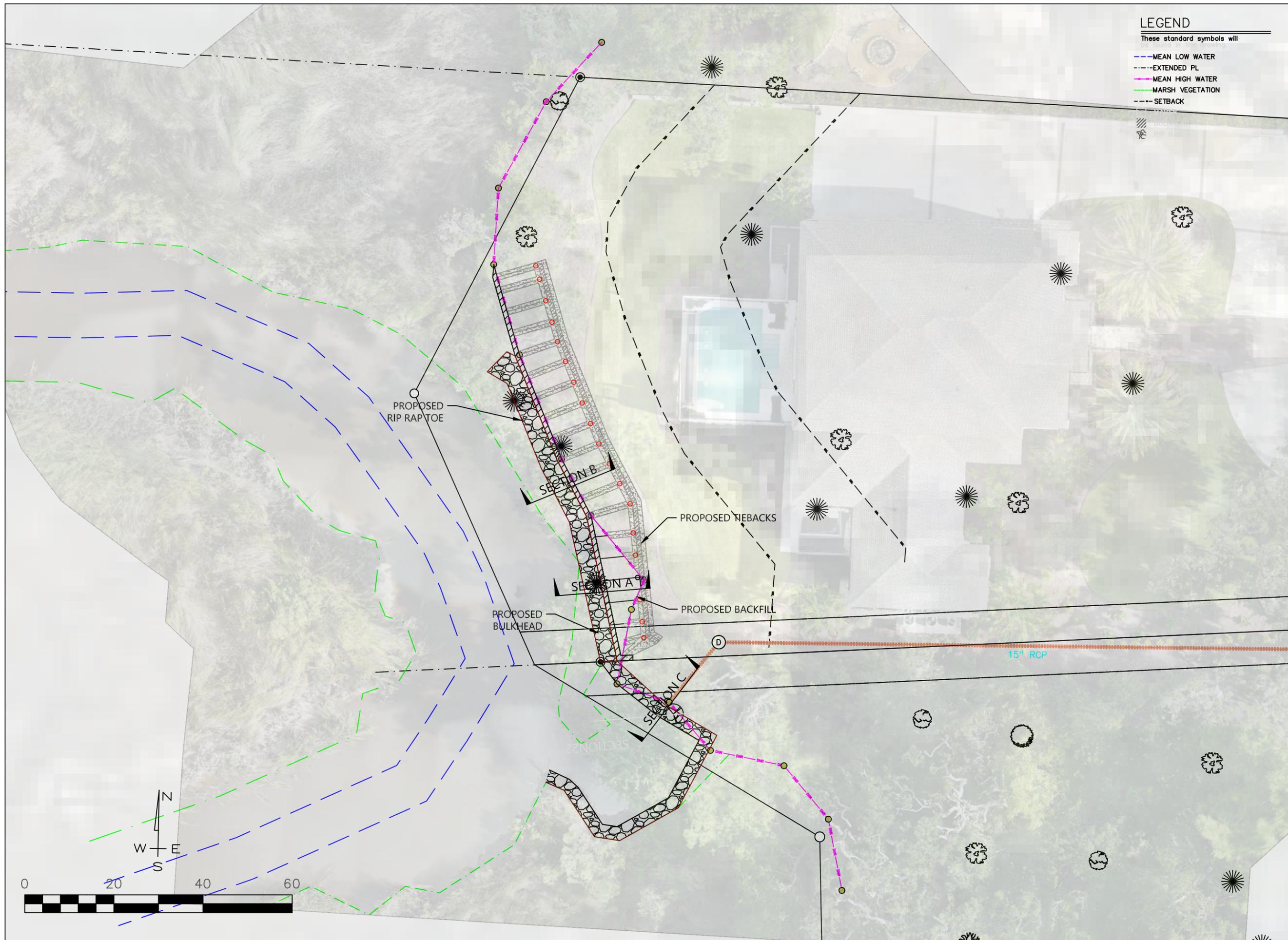
DATE: 2/2/2026

SCALE: NTS



2

SHEET:



LEGEND
 These standard symbols will be found in this drawing.

- MEAN LOW WATER
- EXTENDED PL
- MEAN HIGH WATER
- MARSH VEGETATION
- SETBACK

NOT RELEASED FOR CONSTRUCTION

NOTES

1. TOTAL PROJECT IMPACTS

PERMANENT IMPACTS
 BULKHEAD: ≈96 LF (≈96 SF)
 RIP RAP: ≈148 LF (≈540 SF) (≈40 CY)
 BACKFILL: ≈133 SF (≈6.33 CY)
 TIE BACKS: 227 LF
 DEADMEN: 121 SF
TOTAL PERMANENT IMPACTS = 890 SF

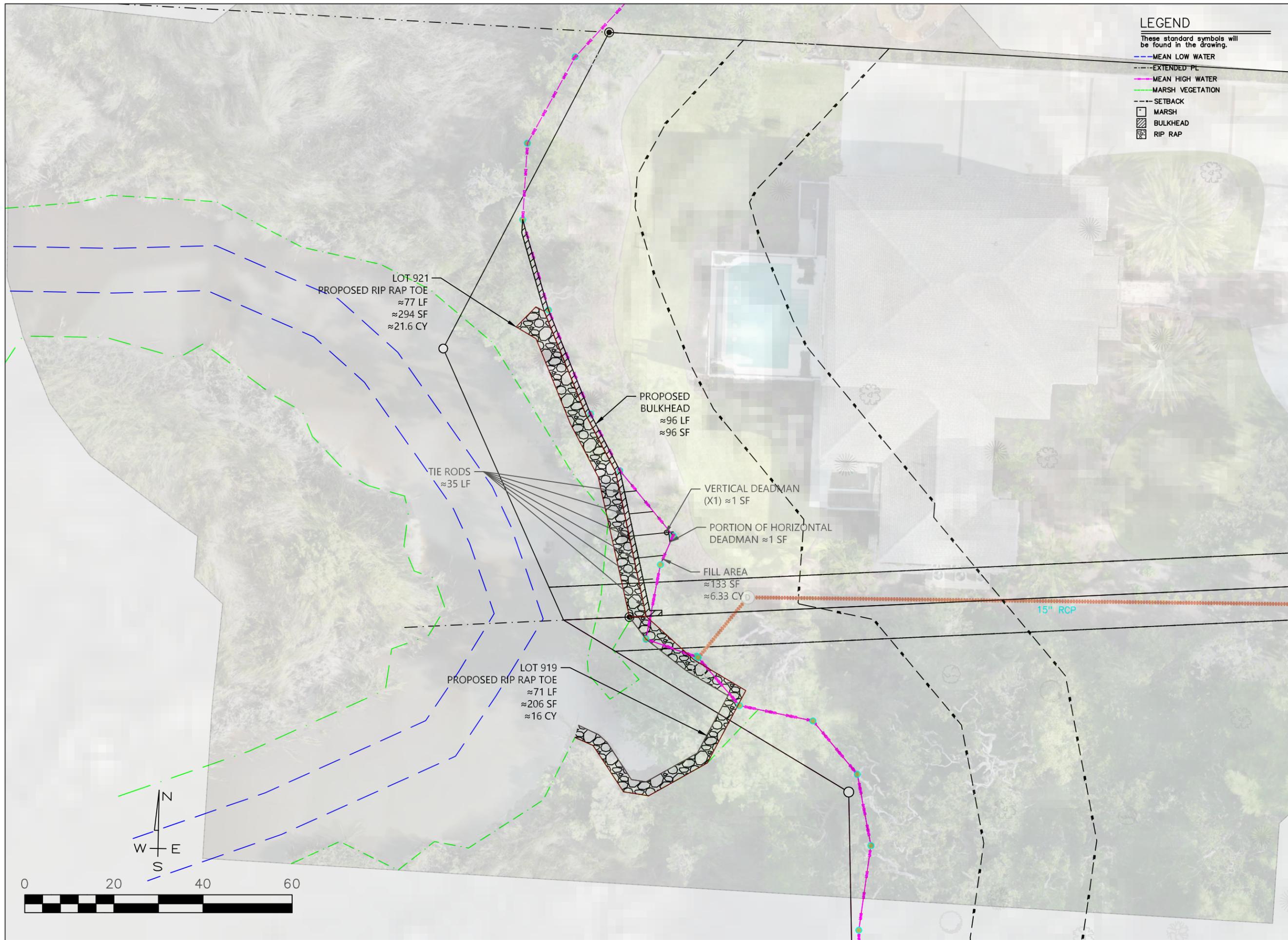
TEMPORARY IMPACTS
 TIE BACK TRENCHES: 468 SF

TOTAL FILL (RIP RAP + BACKFILL) = 46.33 CY

PROPOSED STRUCTURES
LABARBA ENVIRONMENTAL SERVICES
BRUNSWICK, GA
 PREPARED FOR:
 JAMES & KAREN HOLBROOK & JAY JENKINS

DATE: 2/2/2026
 SCALE: NTS

3
 SHEET:



LEGEND
 These standard symbols will be found in the drawing.

- MEAN LOW WATER
- EXTENDED PL
- MEAN HIGH WATER
- MARSH VEGETATION
- SETBACK
- MARSH
- BULKHEAD
- RIP RAP

NOT RELEASED FOR CONSTRUCTION

NOTES

1. MARSHLAND IMPACTS

PERMANENT IMPACTS
 BULKHEAD: ≈ 96 LF (≈ 96 SF)
 RIP RAP: ≈ 148 LF (≈ 500 SF) (≈ 37.6 CY)
 BACKFILL: ≈ 133 SF (≈ 6.33 CY)
 TIE BACKS: 35 LF
 DEADMEN: 2 SF
TOTAL PERMANENT IMPACTS IN JURISDICTION = 731 SF

TOTAL FILL (RIP RAP + BACKFILL) = 43.93 CY (0.30 CY/LF)

MARSHLAND COMPONENT

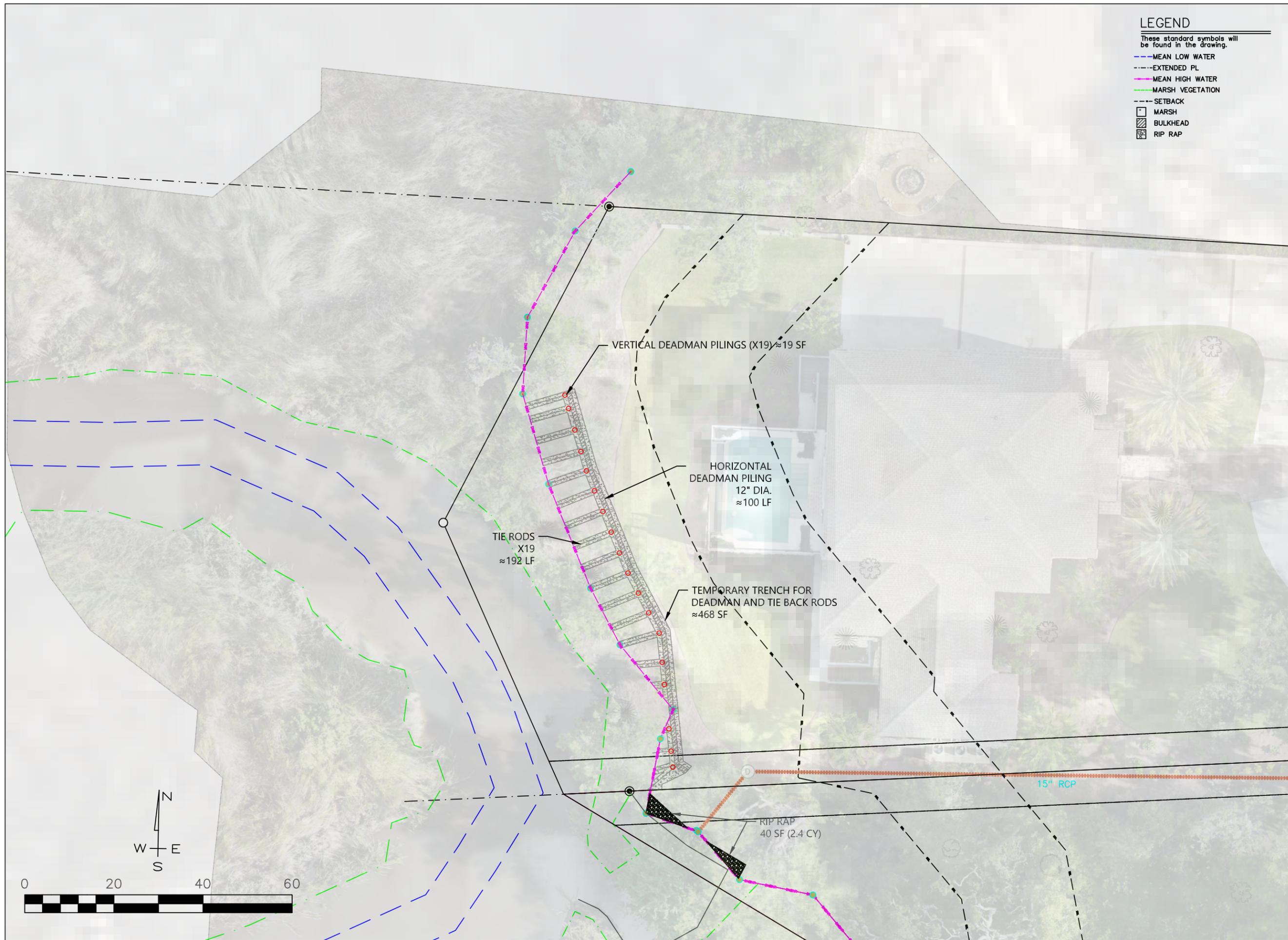
**LABARBA ENVIRONMENTAL SERVICES
 BRUNSWICK, GA**

PREPARED FOR:
 JAMES & KAREN HOLBROOK & JAY JENKINS

DATE: 2/2/2026
 SCALE: NTS

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SHEET:



LEGEND
 These standard symbols will be found in the drawing.

- MEAN LOW WATER
- EXTENDED PL
- MEAN HIGH WATER
- MARSH VEGETATION
- SETBACK
- ☐ MARSH
- ▨ BULKHEAD
- ▩ RIP RAP

NOT RELEASED FOR CONSTRUCTION

NOTES

1. UPLAND IMPACTS

PERMANENT IMPACTS
 TIE BACKS: 192 LF
 DEADMEN: 119 SF
 RIP RAP: 8 LF (40 SF)
TOTAL PERMANENT IMPACTS = 159 SF

TEMPORARY IMPACTS
 TIE BACK TRENCHES: 468 SF

UPLAND IMPACTS

**LABARBA ENVIRONMENTAL SERVICES
 BRUNSWICK, GA**

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 JAMES & KAREN HOLBROOK & JAY JENKINS

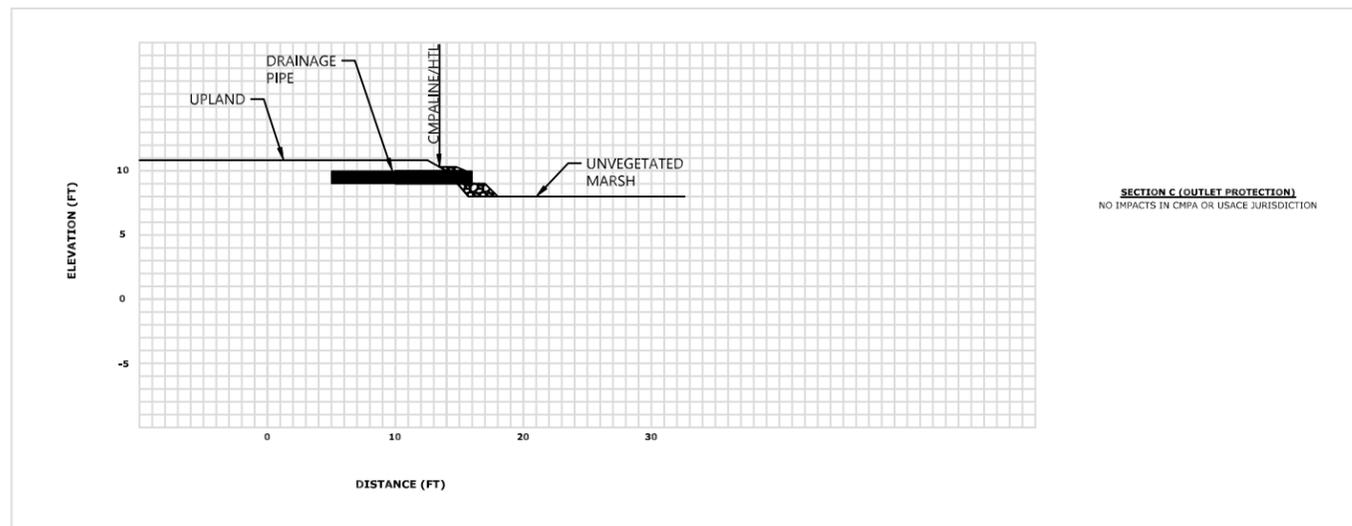
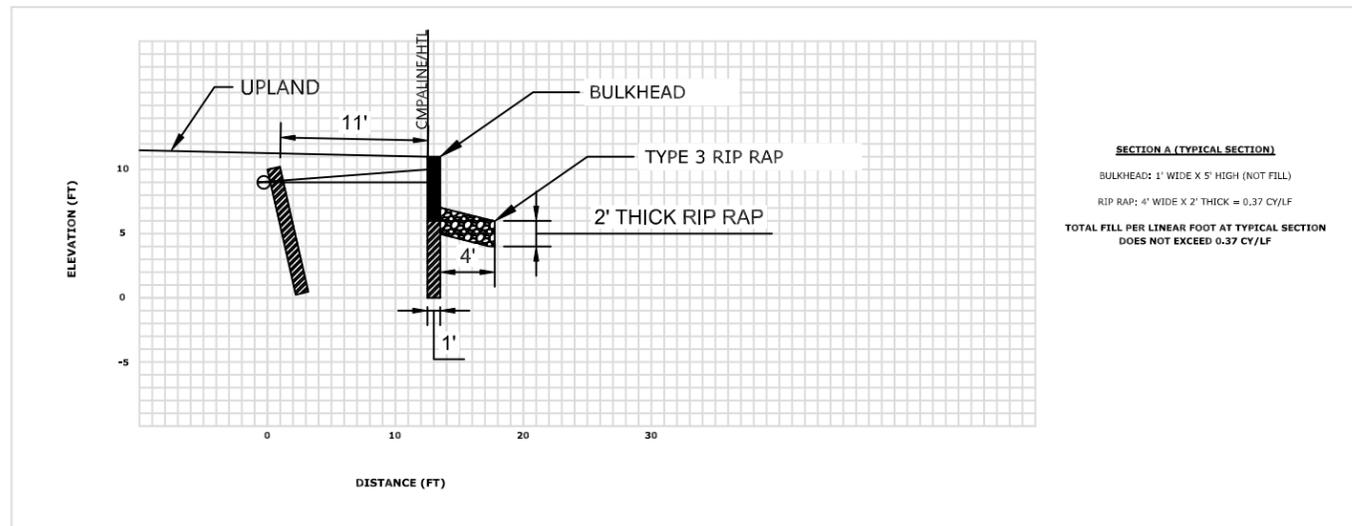
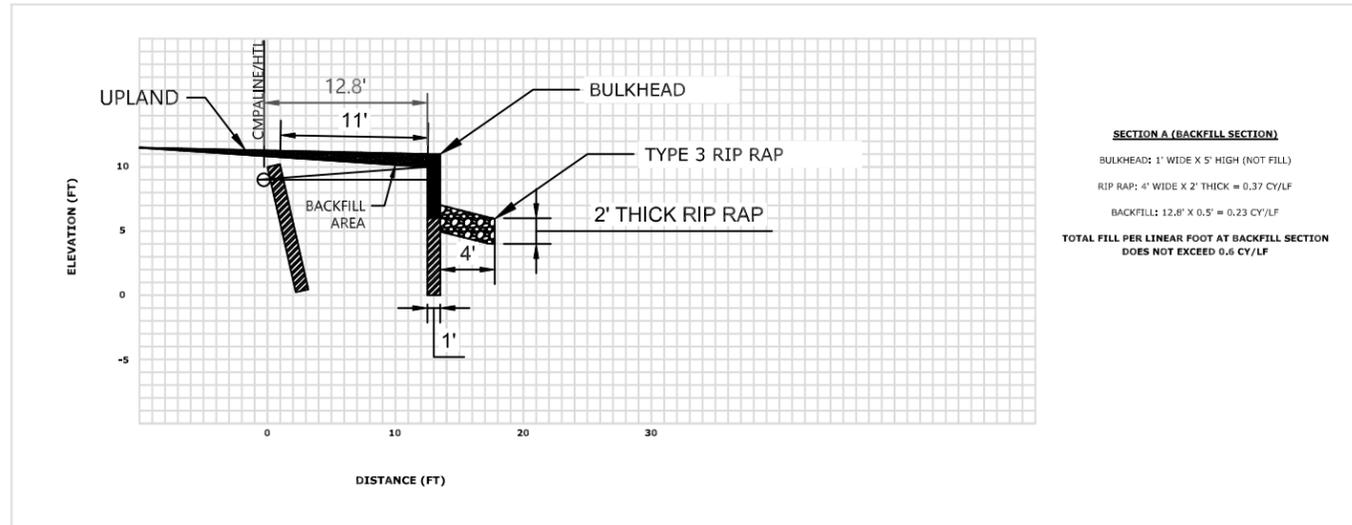
DATE: 2/2/2026
 SCALE: NTS

5

SHEET:

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FOR
CONSTRUCTION

NOTES



SECTIONS

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BRUNSWICK, GA

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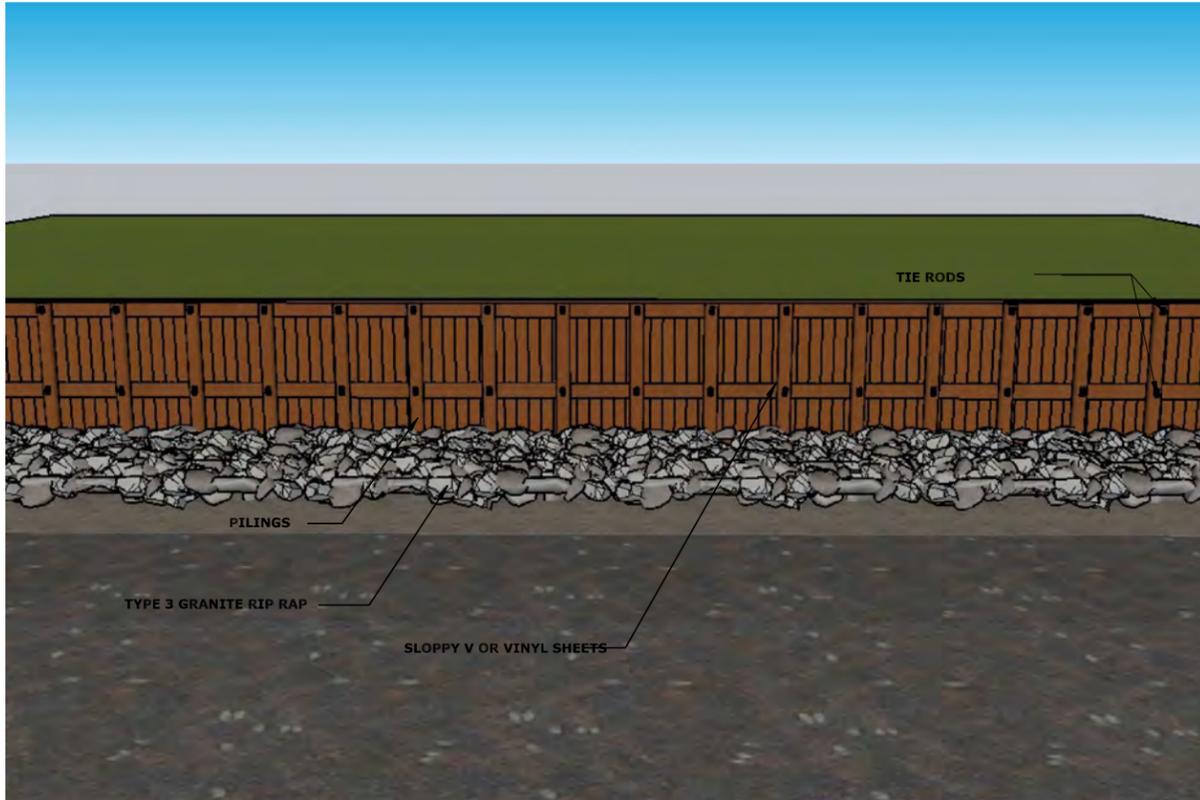
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SCALE: NTS

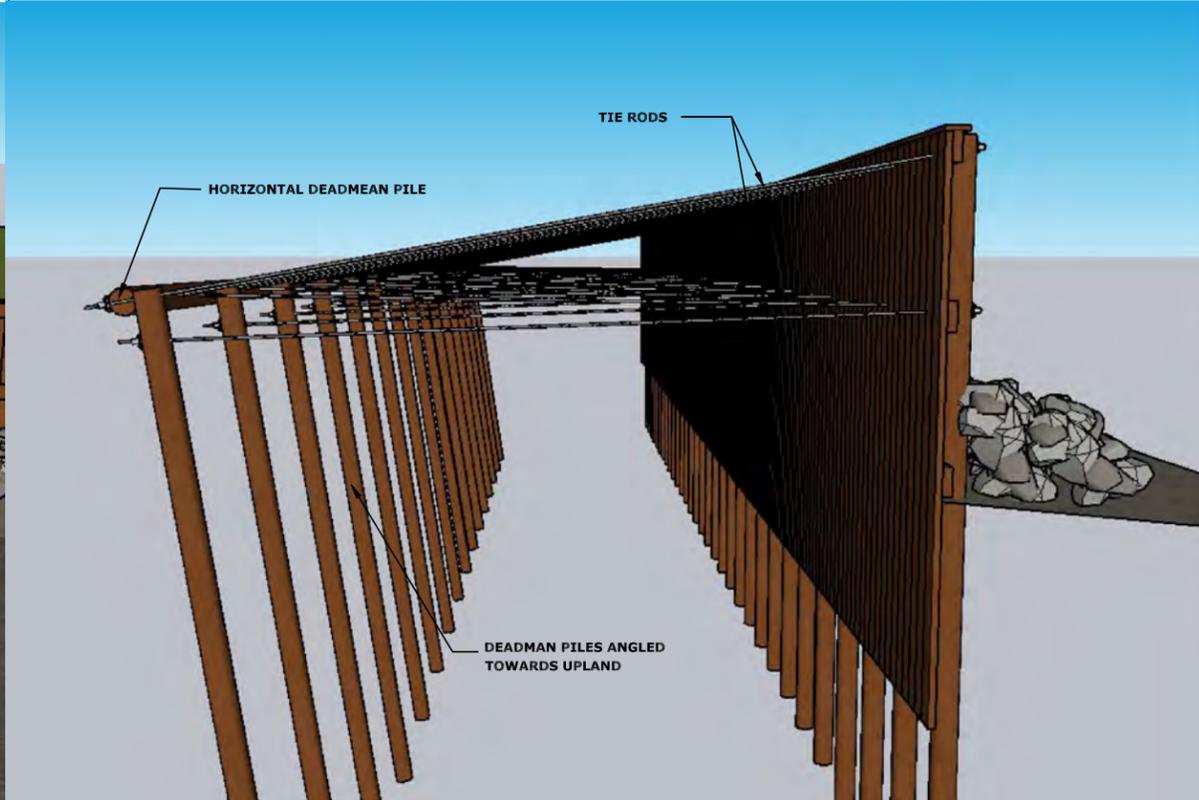
6

SHEET:

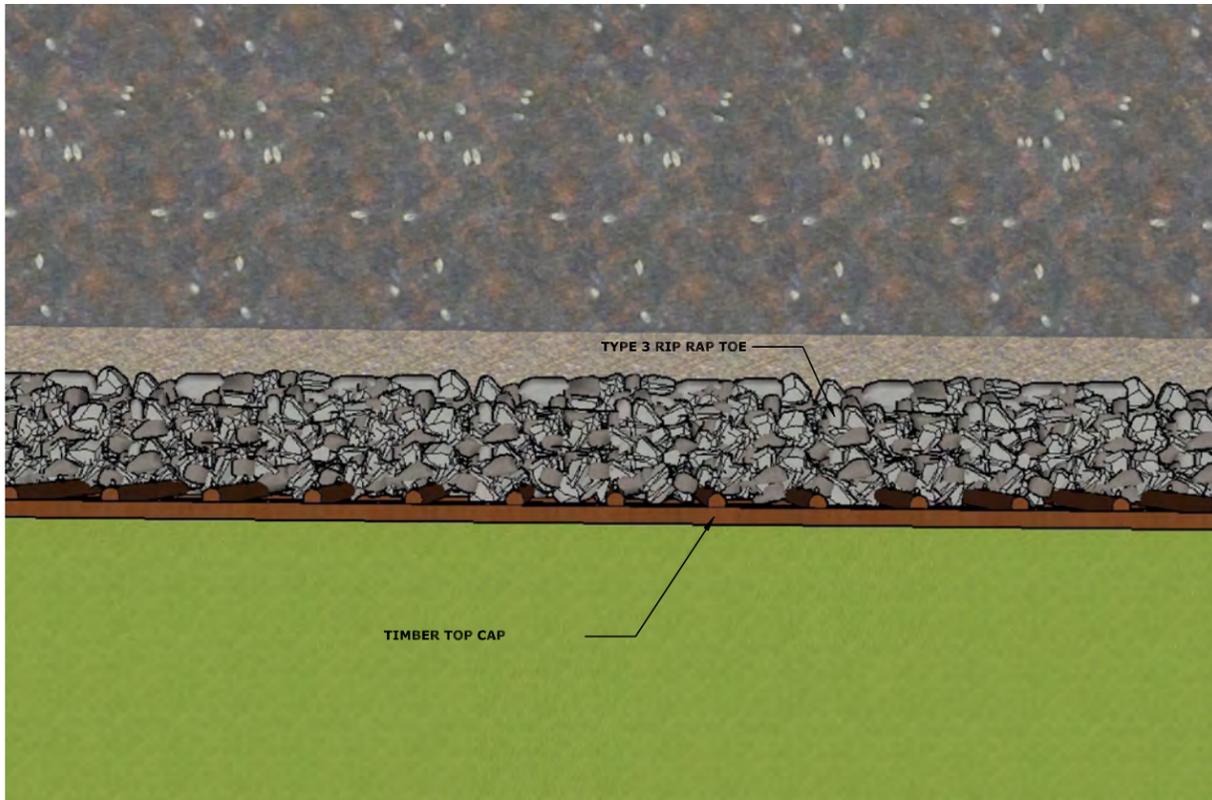
FRONT VIEW



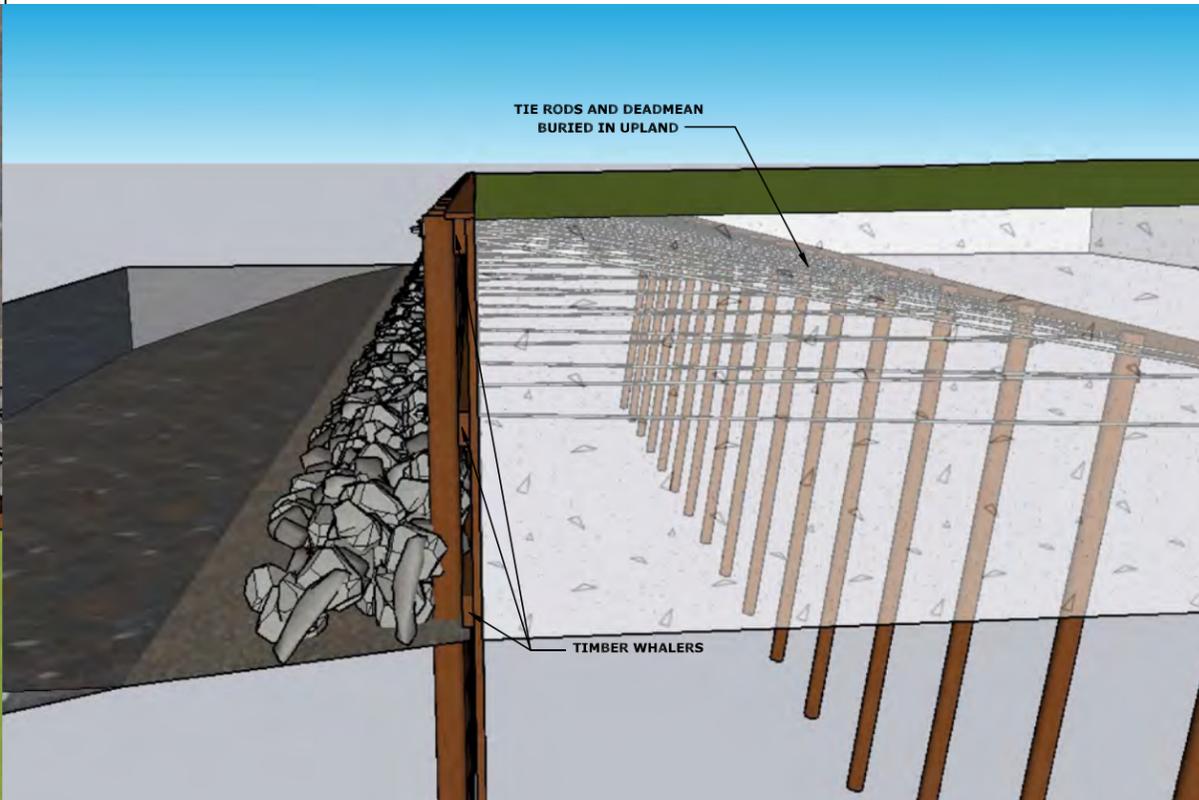
SIDE VIEW (NO UPLAND SHOWN)



TOP DOWN VIEW



SIDE VIEW (UPLAND SHOWN)



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NOTES

TYPICAL BULKHEAD

LABARBA ENVIRONMENTAL SERVICES
BRUNSWICK, GA

PREPARED FOR:
JAMES & KAREN HOLBROOK & JAY JENKINS

DATE: 2/2/2026

SCALE: NTS

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SHEET: