

Appendix H: Survey

THIS BLOCK RESERVED FOR THE CLERK OF SUPERIOR COURT



NOTES:

1. ACCORDING TO F.I.R.M. MAP NUMBER 13029C03250, EFFECTIVE DATE 8/2/2018, A PORTION OF THE PARCEL SHOWN HEREON LIES IN ZONE AE, A SPECIAL FLOOD HAZARD AREA, BASE FLOOD ELEVATION: 9' AND 10', NAVD 1988.
2. THIS PROPERTY IS CURRENTLY ZONED R-15.
3. THE HORIZONTAL DATUM IS BASED ON GRID NORTH, GEORGIA STATE PLANE, EAST ZONE, NAD 83.
4. ALL ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

ERROR OF CLOSURE:

FIELD: 1/26,548
 ANGULAR ERROR OF 3" PER
 ANGLE POINT AND ADJUSTED
 BY LEAST SQUARES METHOD
 PLAT CLOSURE 1/535,588
 EQUIPMENT: TOPCON GTS236W
 TOTAL STATION; SINGLE PRISM

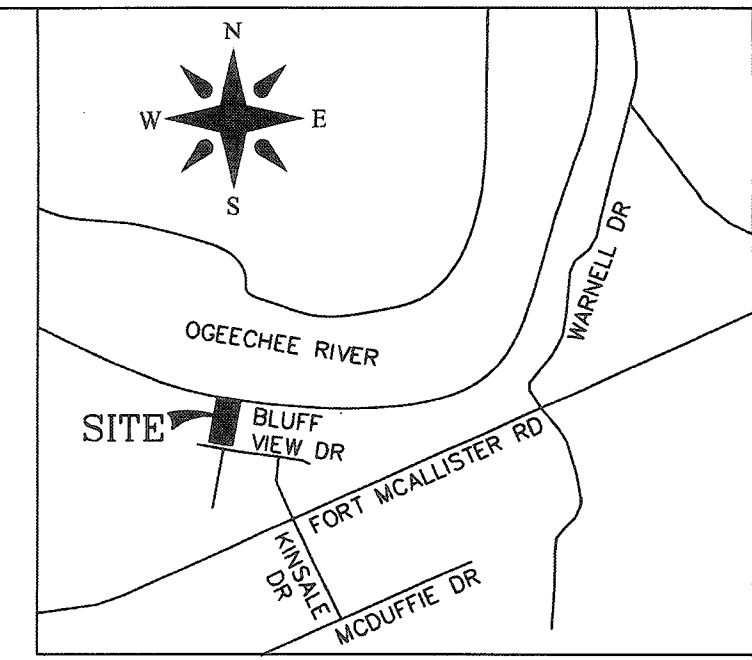
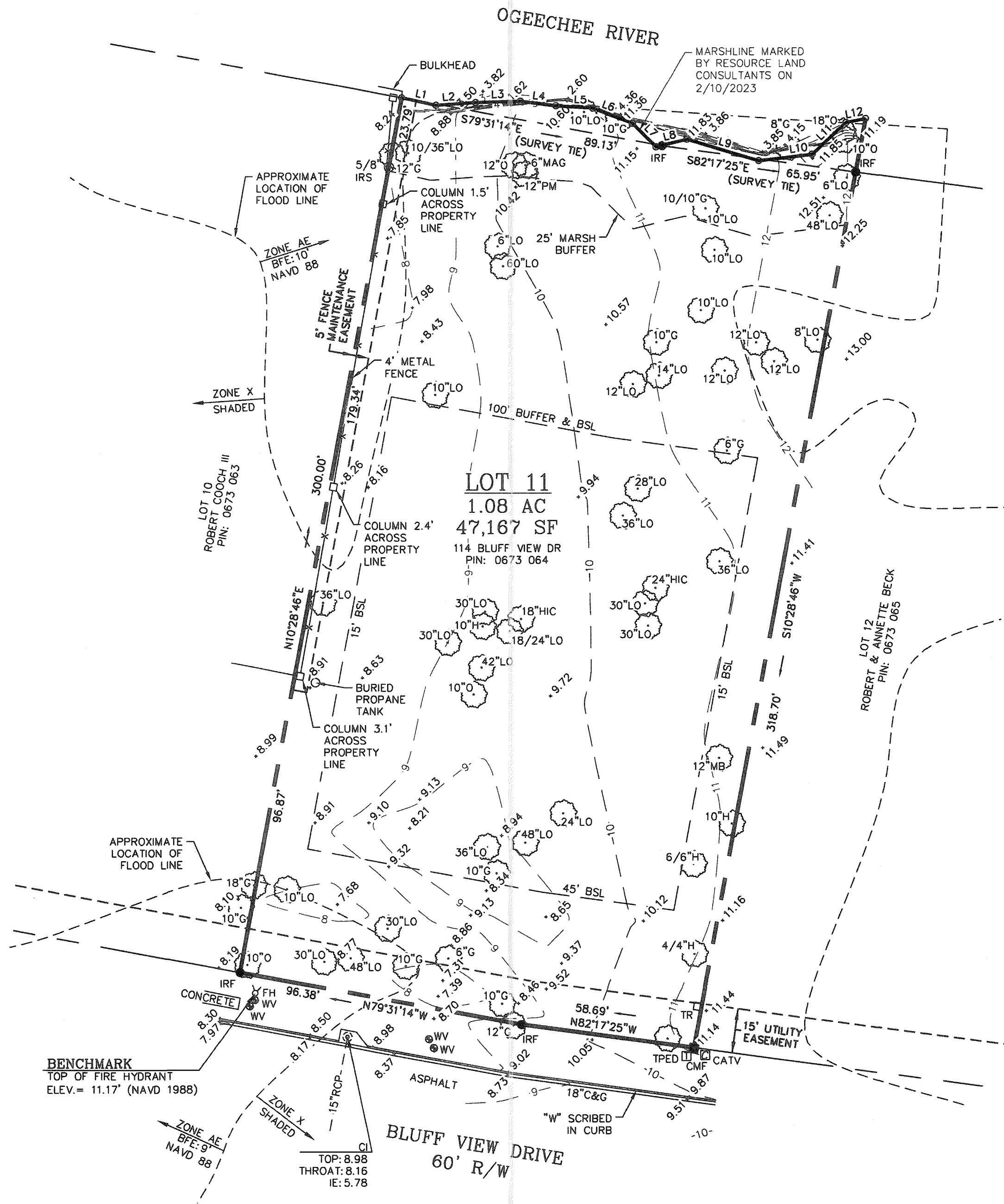
REFERENCE:

1. PB 468, PAGE 5

THIS PLAT IS A RETRACEMENT OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT SUBDIVIDE OR CREATE A NEW PARCEL OR MAKE ANY CHANGES TO ANY REAL PROPERTY BOUNDARIES. THE RECORDING INFORMATION OF THE DOCUMENTS, MAPS, PLATS, OR OTHER INSTRUMENTS WHICH CREATED THE PARCEL OR PARCELS ARE STATED HEREON. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. FURTHERMORE, THE UNDERSIGNED LAND SURVEYOR CERTIFIES THAT THIS PLAT COMPLIES WITH THE MINIMUM TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN THE RULES AND REGULATIONS OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN O.C.G.A. SECTION 15-6-67.



Vincent Helmlly 5/4/23
 VINCENT HELMLY NO. 1882 DATE



VICINITY MAP
N.T.S.

LEGEND

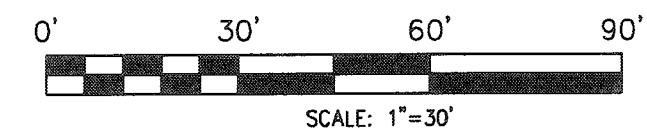
- IRF - IRON ROD FOUND
- CMF - CONCRETE MONUMENT FOUND
- IRS - 5/8" IRON ROD SET
- TR TRANSFORMER
- CATV CABLE TELEVISION
- TPED TELEPHONE PEDISTAL
- O OAK TREE
- LO LIVE OAK TREE
- PM PALM TREE
- G GUM TREE
- H HOLLY TREE
- HIC HICKORY TREE
- MAG MAGNOLIA TREE
- BFE BASE FLOOD ELEVATION
- IE INVERT ELEVATION
- RCP REINFORCED CONCRETE PIPE
- BSL BUILDING SETBACK LINE
- CI CURB INLET

**A TOPOGRAPHIC, TREE & MARSH
SURVEY OF LOT 11, KINSALE BLUFF**

20TH G.M. DISTRICT,
BRYAN COUNTY, GEORGIA

ADDRESS: 114 BLUFF VIEW DRIVE
PIN: 0673 064

Surveyed For: GARRETT HARTLEY & KELLI HARTLEY



Vincent Helmlly
 129-A BURTON ROAD
 SAVANNAH, GEORGIA 31405
 (912) 429-9395
 FIELD SURVEY DATE : 5/3/2023
 DATE : 6/6/2022 JOB No. 22-143
 REVISED : 5/4/2023

Appendix I: Project Drawings



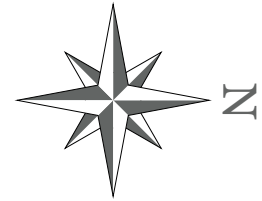
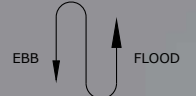
VICINITY MAP (NTS)

- LEGEND**
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 - CI CURB INLET
 - MEAN LOW WATER
 - - - - - EXTENDED PROPERTY LINE
 - PROJECT AREA
 - MARSH GRASS
 - EXISTING TYPE 3 RIP RAP
 - PROPOSED TYPE 3 RIP RAP

NOTES:

1. MLW AND MARSH VEGETATION WERE OBSERVED IN THE FIELD ON JUNE 5, 2023.
2. MLW AND VEGETATION LOCATIONS HAVE NOT BEEN VERIFIED BY A LICENSED SURVEYOR.
3. LOT SURVEY WAS PROVIDED BY VINCENT HELMLY ON A SURVEY TITLED "A TOPOGRAPHIC, TREE & MARSH SURVEY OF LOT 11, KINSALE BLUFF" DATED 5/4/23.
4. TOTAL PROJECT AREA: 2,155 SF (0.05 AC)

OGEECHEE RIVER

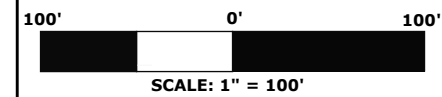


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Prepared For:
Garrett & Kelli Hartley
114 Bluff View Drive
Richmond Hill, GA 31324

Coastal Permitting Service

PROJECT LOCATION



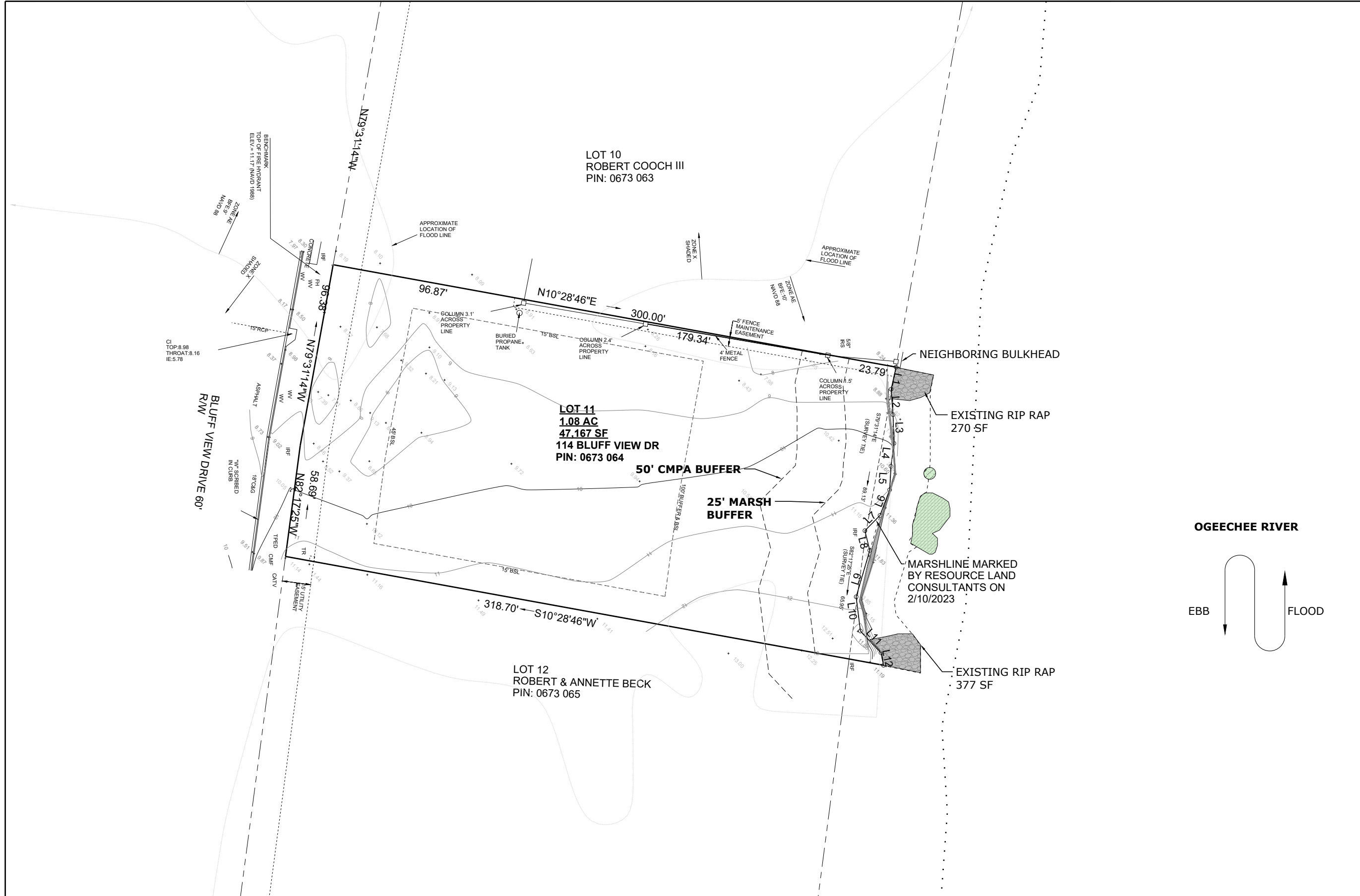
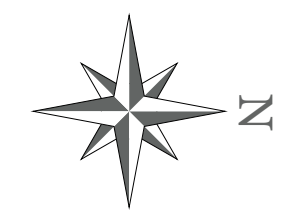
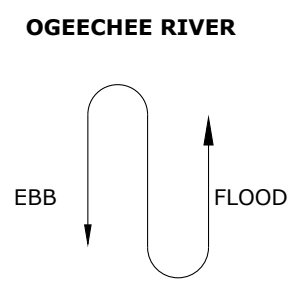


VICINITY MAP (NTS)

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- PROPOSED TYPE 3 RIP RAP

- NOTES:**
1. EXISTING RIP RAP: 647 SF
 2. EXISTING RIP RAP ON SOUTHERN END OF THE PROPERTY DOES NOT REQUIRE MAINTENANCE.
 3. EXISTING RIP RAP AT THE NORTHERN END OF THE PROPERTY REQUIRES SUPPLEMENTAL RIP RAP.

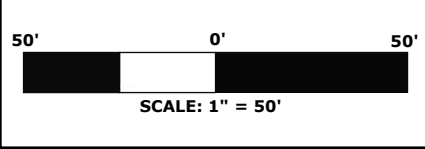


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EXISTING CONDITIONS



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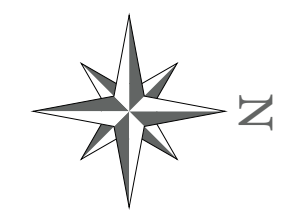
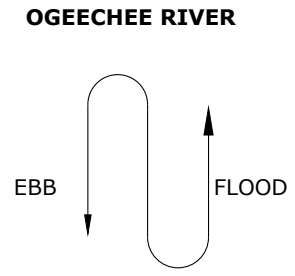
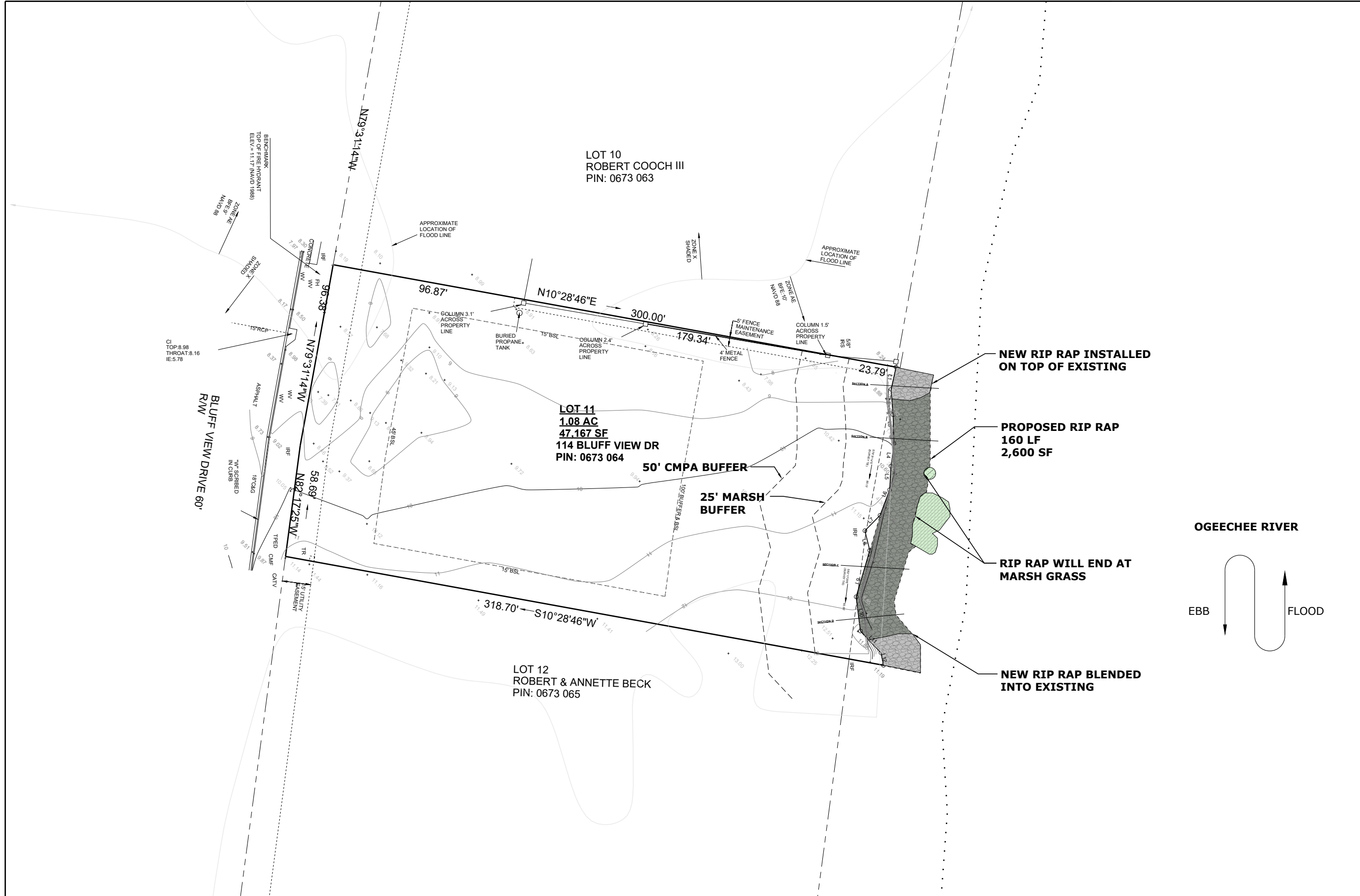


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- PROPOSED TYPE 3 RIP RAP

- NOTES:**
1. NO RIP RAP WILL BE PLACED ON TOP OF MARSH VEGETATION.
 2. ALL FALLEN TREES AND DEBRIS WILL BE REMOVED FROM THE MARSH PRIOR TO RIP RAP PLACEMENT.
 3. TOTAL RIP RAP WILL NOT EXCEED THE AMOUNT REQUIRED TO STABILIZE THE SHORELINE.

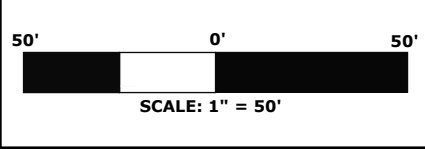


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PROPOSED STABILIZATION





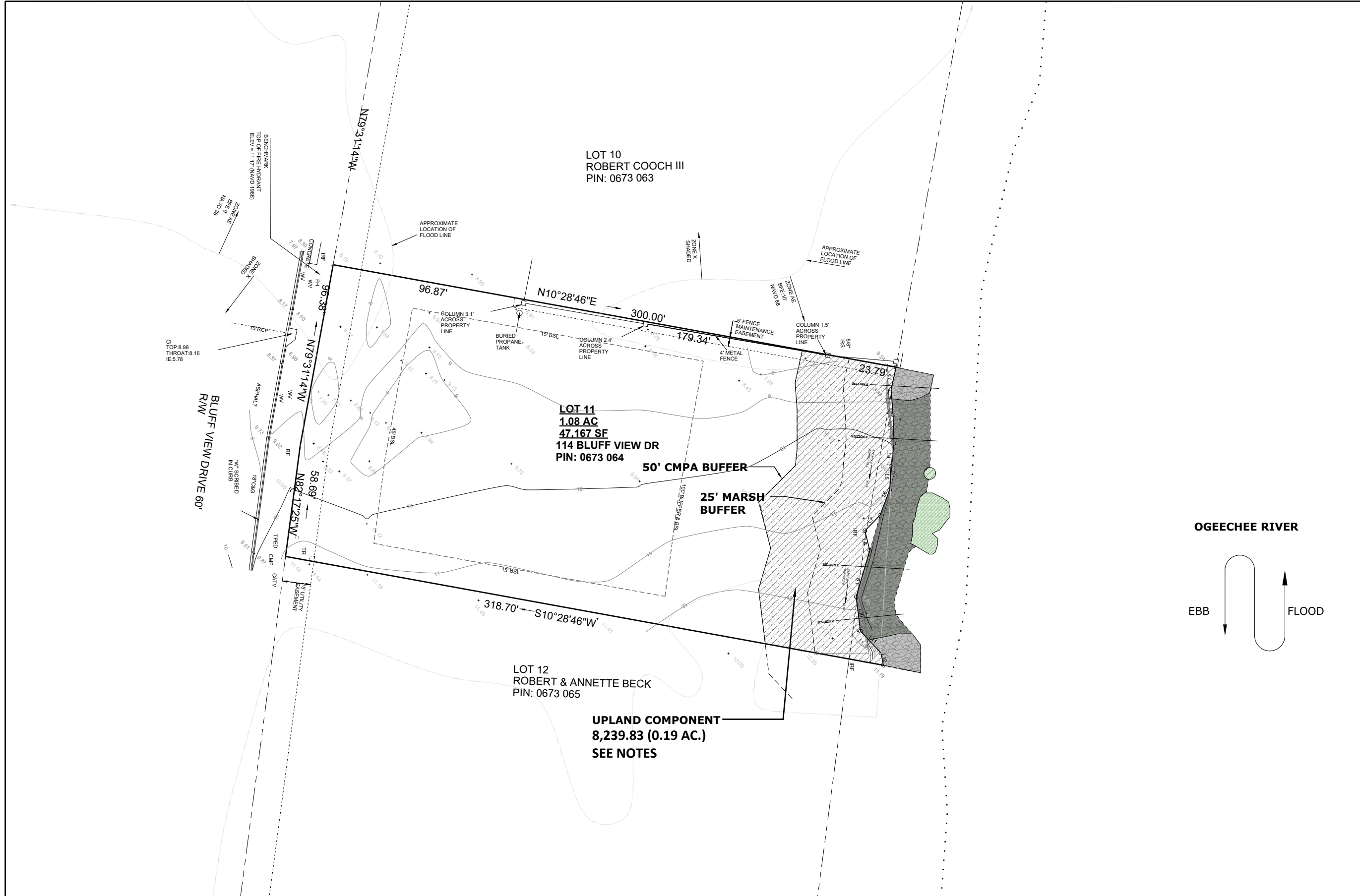
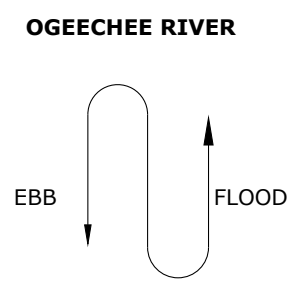
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NOTES:

1. THE UPLAND COMPONENT IS CURRENTLY 100% PERVIOUS AND WILL REMAIN 100% BEFORE, DURING, AND AFTER THE PROJECT.
2. THERE ARE NO PROPOSED PERMANENT IMPACTS IN THE UPLAND COMPONENT.
3. TEMPORARY IMPACTS WITHIN THE BUFFER WILL INCLUDE STAGING MATERIALS, THE OPERATION OF DUMP TRUCKS TO DELIVER MATERIALS, A SKID STEER TO MOVE MATERIALS, AND AN EXCAVATOR TO PLACE MATERIALS.
4. NO GRADING WILL OCCUR WITHIN THE UPLAND COMPONENT IN ASSOCIATION WITH THE PROPOSED PROJECT.
5. NO VEGETATED PLANTING WILL OCCUR AS PART OF THE PROPOSED PROJECT.

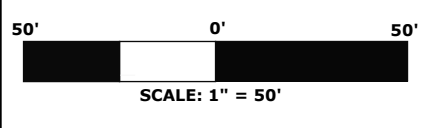


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UPLAND COMPONENT



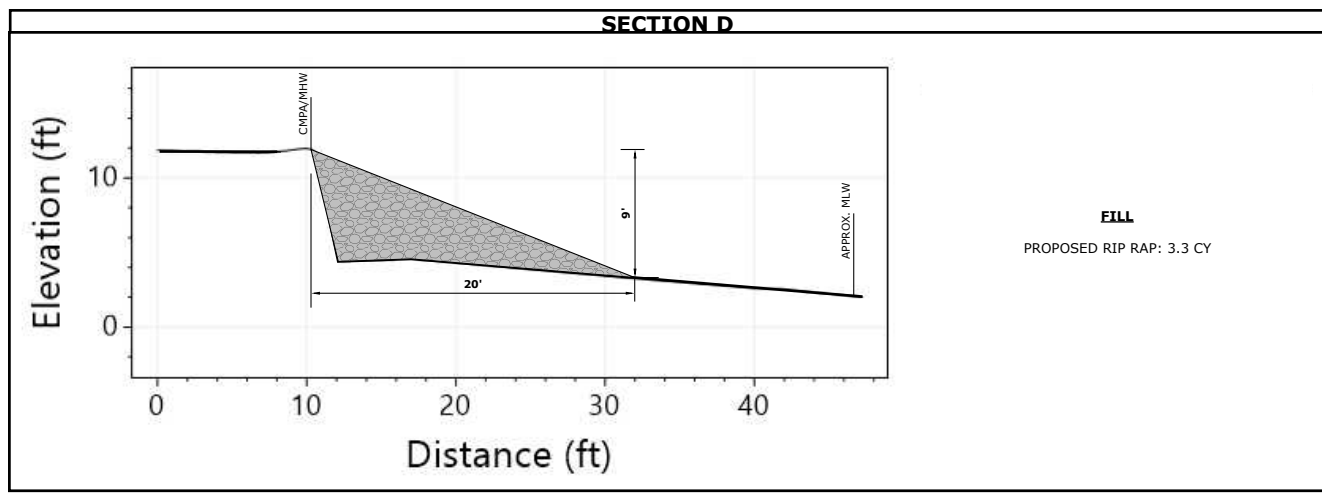
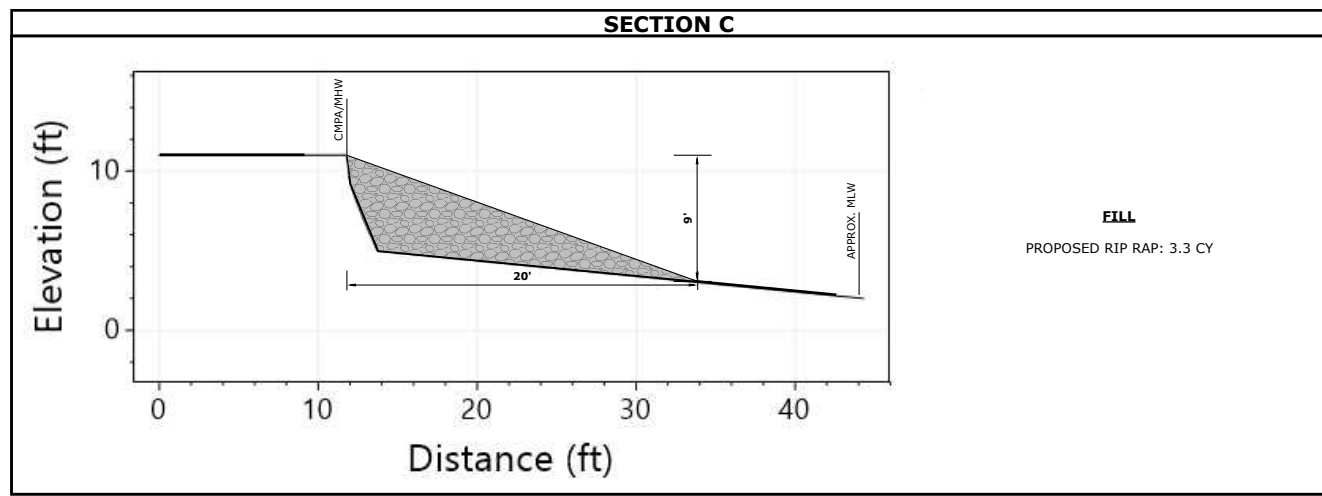
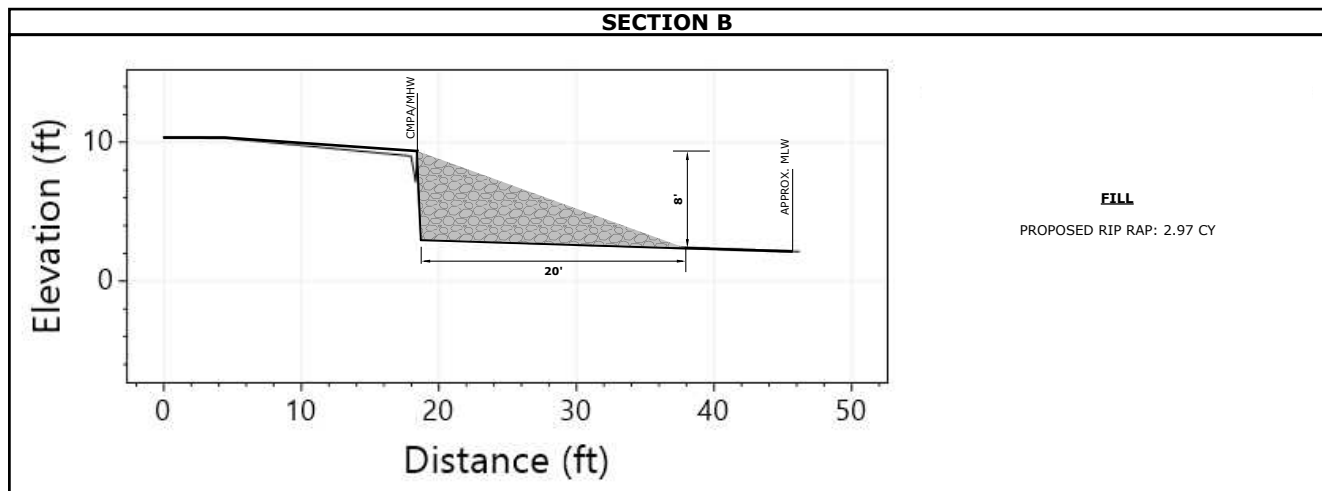
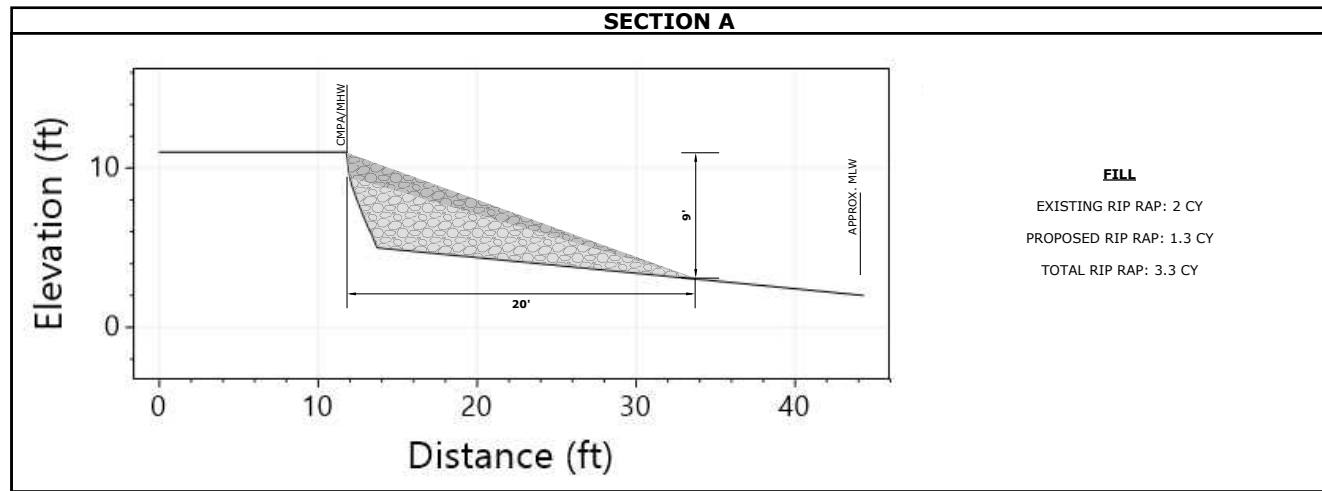
4



PROJECT LOCATION
31.884320°
-81.233509°

VICINITY MAP (NTS)

LEGEND:



NOTES:

1. THE PROFILE VIEWS WERE OBTAINED FROM LIDAR DATA AND HAVE NOT BEEN VERIFIED BY A LICENSED SURVEYOR.
2. TOTAL FILL QUANTITIES:
EXISTING RIP RAP: 20' W X 30' L (79.5 CY)
2.65 CY/LF
PROPOSED RIP RAP: 20' W X 160' L (528 CY)
3.3 CY/LF
TOTAL INCREASE: 130 LF (448.5 CY)

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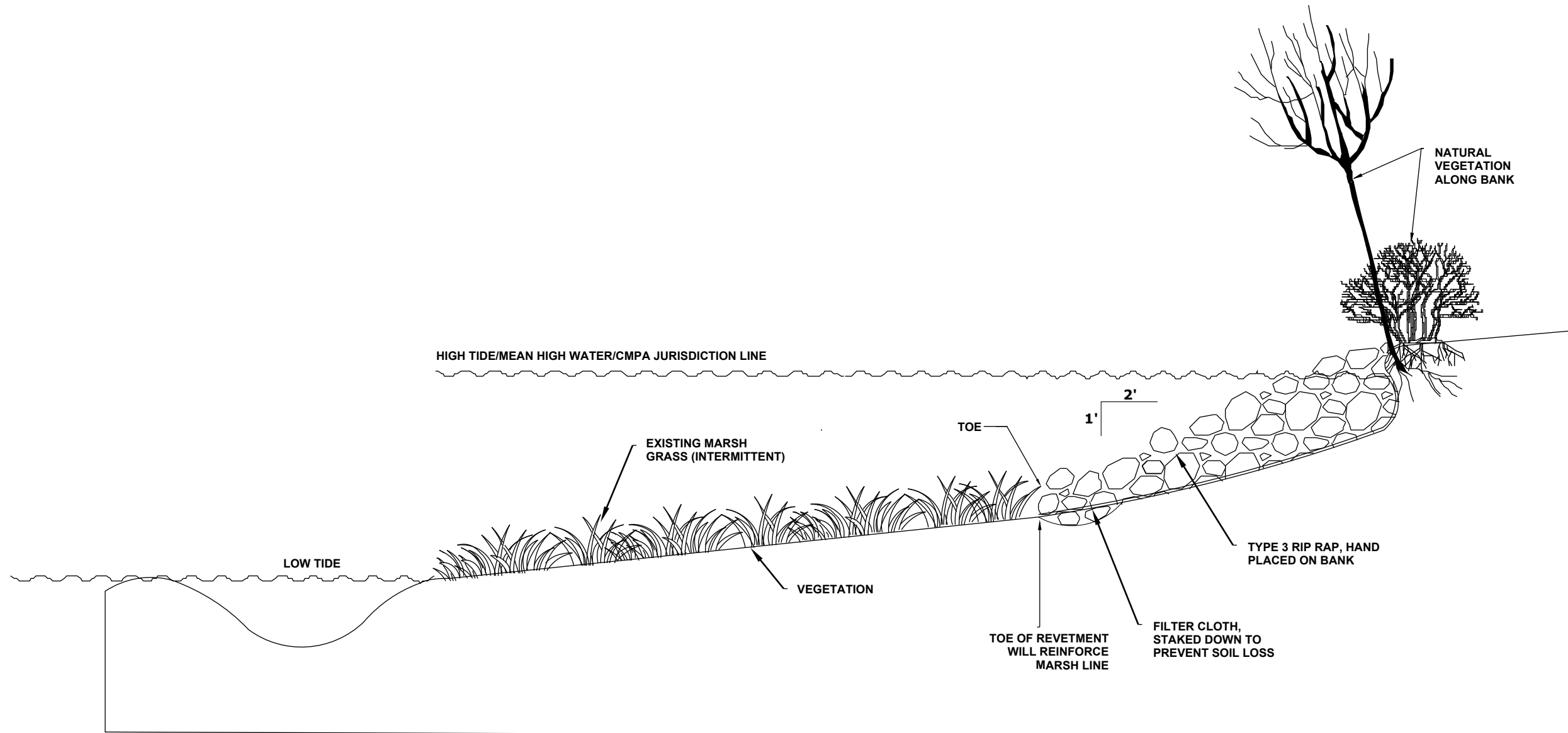
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Richmond Hill, GA 31324

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PROFILE VIEW

SCALE: NTS

TYPICAL RIP RAP PLACEMENT (NTS)



VICINITY MAP (NTS)

NOTES:

1. NO MARSH VEGETATION WILL BE IMPACTED BY RIP RAP PLACEMENT.
2. PROFILE VIEWS WERE OBTAINED BY LIDAR AND FIELD MEASUREMENTS. THESE PROFILES HAVE NOT BE VERIFIED BY A LICENSED SURVEYOR.
3. PROPOSED IMPACTS WILL NOT EXTEND SEAWARD OF THE MEAN LOW WATER LINE.

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PROFILE VIEW

SCALE: NTS

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