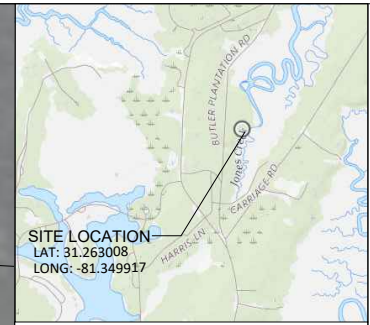


**TEMPORARY IMPACT AREA CALCULATIONS:**  
 184 LF X 15 LF = 2,760 SF TO INSTALL TIE-BACKS

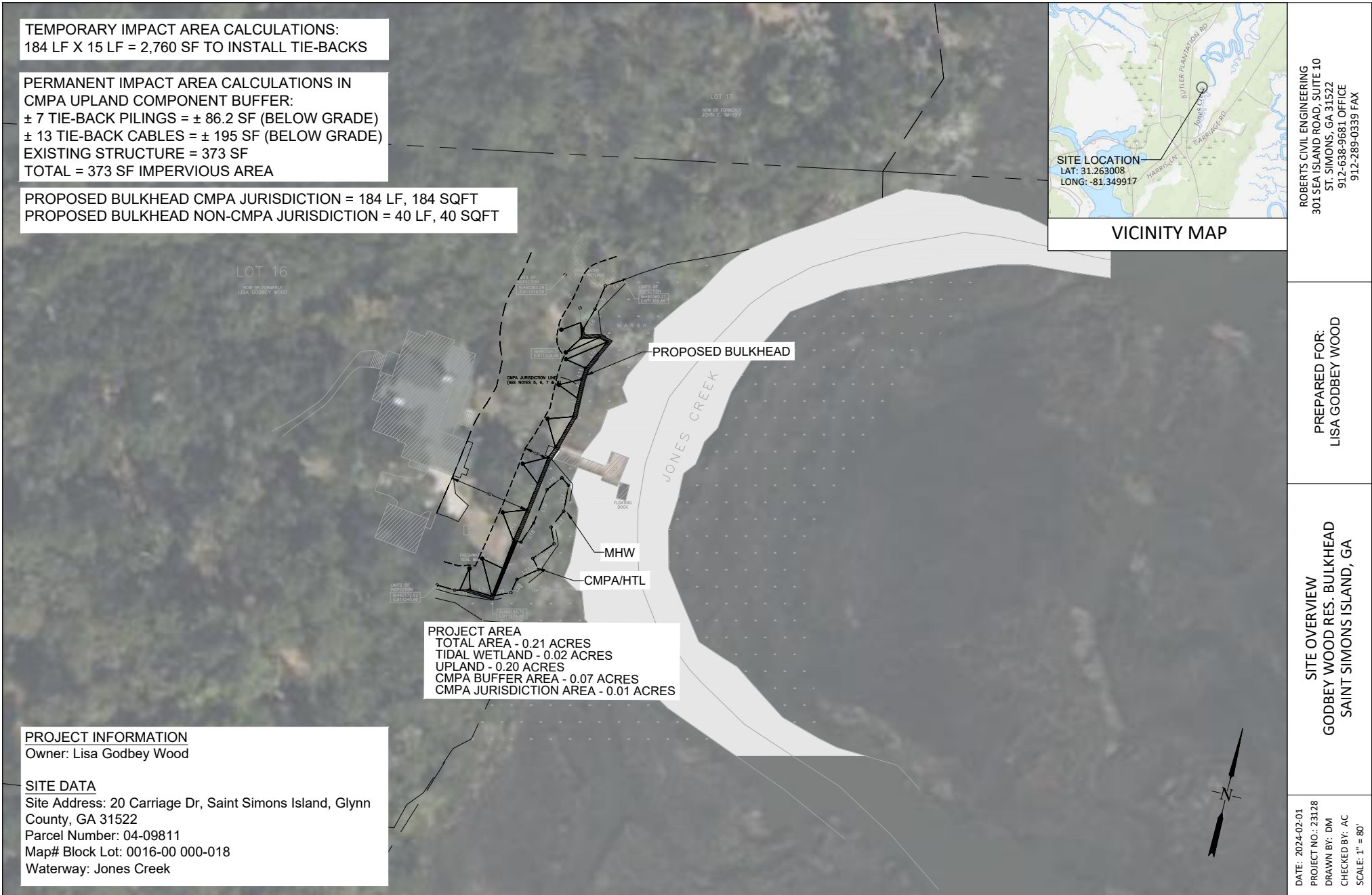
**PERMANENT IMPACT AREA CALCULATIONS IN  
 CMPA UPLAND COMPONENT BUFFER:**  
 ± 7 TIE-BACK PILINGS = ± 86.2 SF (BELOW GRADE)  
 ± 13 TIE-BACK CABLES = ± 195 SF (BELOW GRADE)  
 EXISTING STRUCTURE = 373 SF  
 TOTAL = 373 SF IMPERVIOUS AREA

**PROPOSED BULKHEAD CMPA JURISDICTION = 184 LF, 184 SQFT**  
**PROPOSED BULKHEAD NON-CMPA JURISDICTION = 40 LF, 40 SQFT**



VICINITY MAP

ROBERTS CIVIL ENGINEERING  
 301 SEA ISLAND ROAD, SUITE 10  
 ST. SIMONS, GA 31522  
 912-638-9681 OFFICE  
 912-289-0339 FAX



**PROJECT AREA**  
 TOTAL AREA - 0.21 ACRES  
 TIDAL WETLAND - 0.02 ACRES  
 UPLAND - 0.20 ACRES  
 CMPA BUFFER AREA - 0.07 ACRES  
 CMPA JURISDICTION AREA - 0.01 ACRES

**PROJECT INFORMATION**  
 Owner: Lisa Godbey Wood

**SITE DATA**  
 Site Address: 20 Carriage Dr, Saint Simons Island, Glynn  
 County, GA 31522  
 Parcel Number: 04-09811  
 Map# Block Lot: 0016-00 000-018  
 Waterway: Jones Creek

PREPARED FOR:  
 LISA GODBEY WOOD

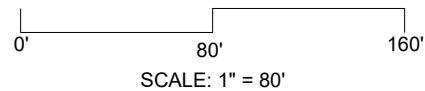
SITE OVERVIEW  
 GODBEY WOOD RES. BULKHEAD  
 SAINT SIMONS ISLAND, GA

DATE: 2024-02-01  
 PROJECT NO.: 23128  
 DRAWN BY: DM  
 CHECKED BY: AC  
 SCALE: 1" = 80'

**NOTES:**  
 1. THE PLANS SHOWN HEREIN SHALL BE USED ONLY AS AN EXHIBIT FOR PERMITTING WITH THE GEORGIA DEPARTMENT OF NATURAL RESOURCES AND THE ARMY CORPS OF ENGINEERS.

2. THE DIAGRAM IS NOT INTENDED TO BE USED FOR CONSTRUCTION DRAWINGS

3. THE LOT BOUNDARIES AND CMPA LINE LOCATION ARE BASED ON A SURVEY MADE BY SHUPE SURVEYING ON 02/09/2021. THE MHW LOCATION IS OBTAINED THROUGH GIS.

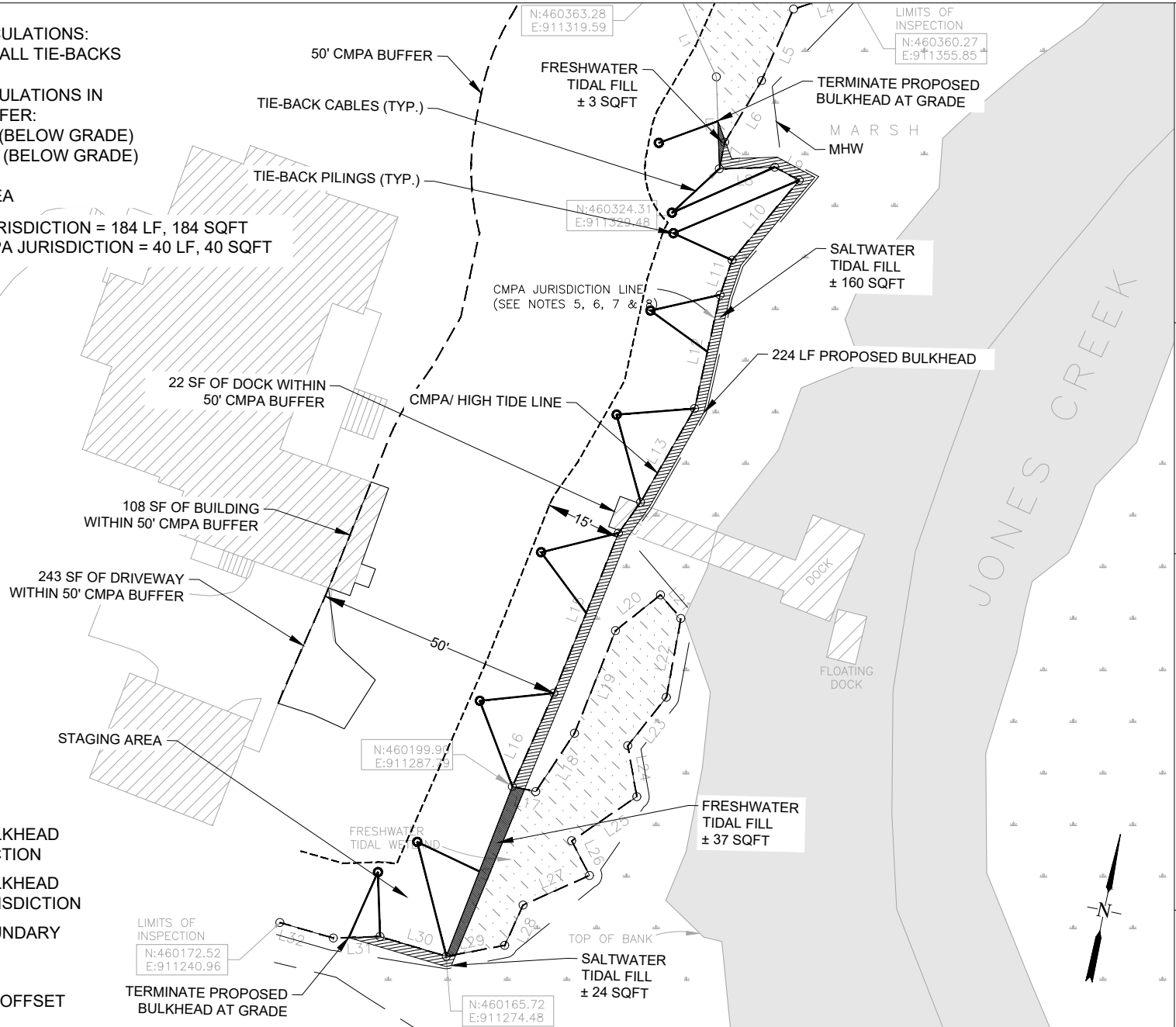


OR FORMERLY

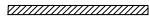



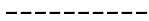
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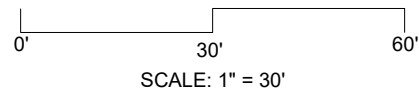


**LEGEND**

-  PROPOSED BULKHEAD  
CMPA JURISDICTION
-  PROPOSED BULKHEAD  
NON CMPA JURISDICTION
-  PROPERTY BOUNDARY
-  CMPA
-  15' WORK AREA OFFSET

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**ROBERTS  
CIVIL ENGINEERING**  
ST. SIMONS ISLAND | SAVANNAH | JACKSONVILLE | CHARLESTON  
WWW.ROBERTSCIVILENGINEERING.COM

DATE: 2024-02-01  
PROJECT NO.: 23128  
DRAWN BY: DM  
CHECKED BY: AC  
SCALE: 1" = 30'

**SITE OVERVIEW**  
GODBEY WOOD RES. BULKHEAD  
SAINT SIMONS ISLAND, GA

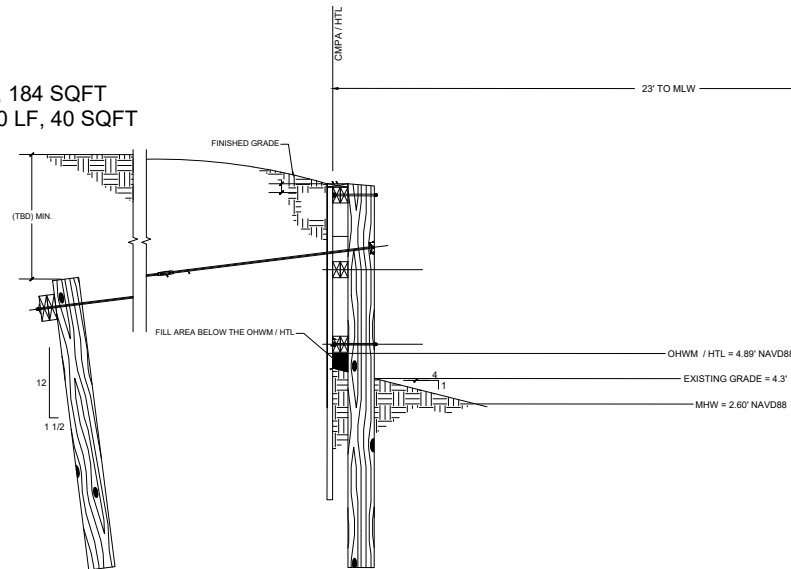
PREPARED FOR:  
LISA GODBEY WOOD

ROBERTS CIVIL ENGINEERING  
301 SEA ISLAND ROAD, SUITE 10  
ST. SIMONS, GA 31522  
912-638-9681 OFFICE  
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**NOTE:**  
 "TBD" MEANS TO BE DETERMINED BY THE DESIGN PROFESSIONAL  
 PROPOSED BULKHEAD CMPA JURISDICTION = 184 LF  
 $184 \text{ LF} \times 1.0' = 184 \text{ SF}$   
 $184 \text{ SF} \times 0.33' = 60.72 / 27 = 2.20 \text{ CY OF FILL}$   
 $2.20 \text{ CY} / 184 \text{ LF} = 0.01 \text{ CY OF FILL PER LF}$   
 PROPOSED BULKHEAD NON CMPA JURISDICTION = 40 LF  
 $40 \text{ LF} \times 1.0' = 40 \text{ SF}$   
 $40 \text{ SF} \times 0.33' = 13.2 / 27 = 0.49 \text{ CY OF FILL}$   
 $0.49 \text{ CY} / 40 \text{ LF} = 0.01 \text{ CY OF FILL PER LF}$

**BULK HEAD DETAIL  
 NTS**

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PREPARED FOR:  
 LISA GOBBEY WOOD

SITE OVERVIEW  
 GOBBEY WOOD RES. BULKHEAD  
 SAINT SIMONS ISLAND, GA

DATE: 2024-02-01  
 PROJECT NO.: 23128  
 DRAWN BY: DM  
 CHECKED BY: AC  
 SCALE: N.T.S.

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N.T.S.



3