

TEMPORARY IMPACT AREA CALCULATIONS:
 66 LF X 15 LF = 990 SF TO INSTALL TIE-BACKS

PERMANENT IMPACT AREA CALCULATIONS IN
 50' UPLAND COMPONENT BUFFER:
 ± 5 TIE-BACK PILINGS = ± 4 SF (BELOW GRADE)
 ± 9 TIE-BACK CABLES = ± 135 SF (BELOW GRADE)
 EXISTING DOCK WALKWAY = 98 SF
 TOTAL = 98 SF IMPERVIOUS AREA



VICINITY MAP

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

PREPARED FOR:
 ROCKY COOLEY

SITE OVERVIEW
 COOLEY RES. BULKHEAD
 TOWNSEND, GA

DATE: 2023-11-17
 PROJECT NO.: 23101
 DRAWN BY: DM
 CHECKED BY: AC
 SCALE: 1" = 80'



PROJECT INFORMATION

Owner: Rocky Cooley

SITE DATA

Site Address: 1077 Head Lane NE, Townsend, McIntosh County, GA 31331

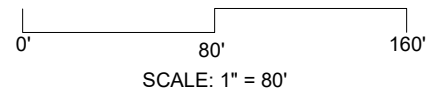
Parcel Number: 0061B 0029

Map# Block Lot: Lot 4 Block D

Waterway: Black Beard Creek

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.



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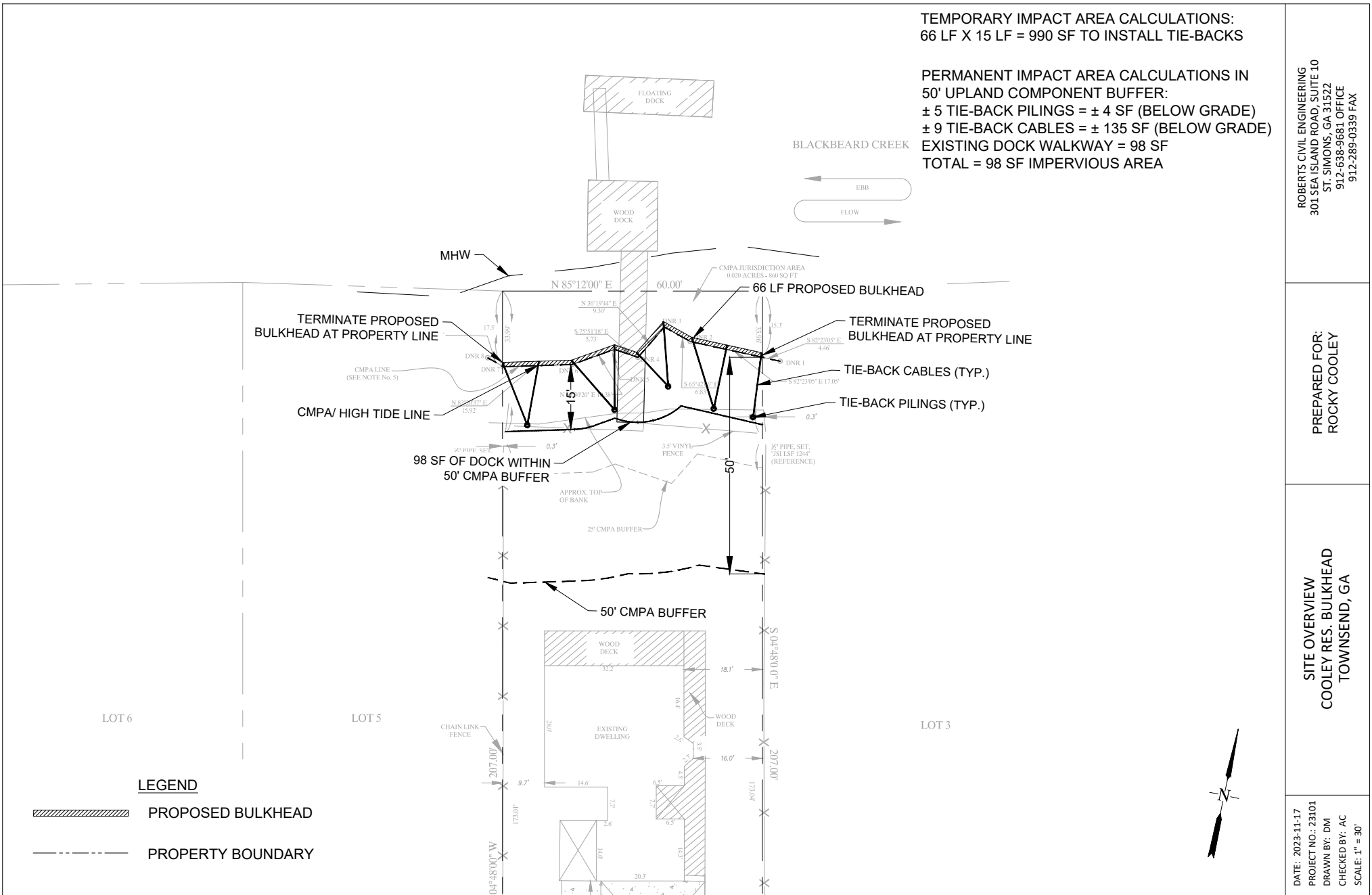
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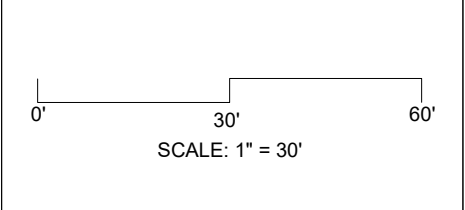
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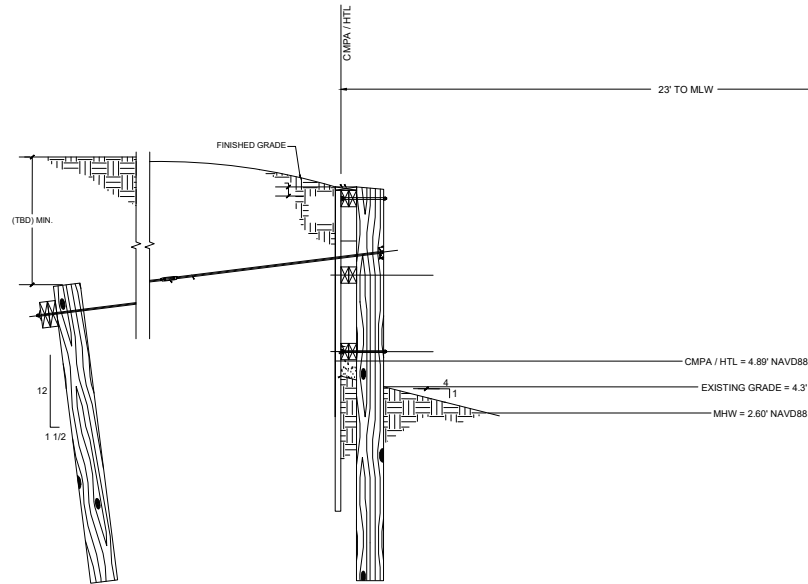
DATE: 2023-11-17
PROJECT NO.: 23101
DRAWN BY: DM
CHECKED BY: AC
SCALE: 1" = 30'



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NOTE:
 "TBD" MEANS TO BE DETERMINED BY THE DESIGN PROFESSIONAL
 PROPOSED BULKHEAD = 66 LF
 66 LF x 1.0' = 66 SF
 66 SF x 0.33' = 22 / 27 = 0.81 CY OF FILL
 0.81 CY / 66 LF = 0.012 CY OF FILL PER LF

BULK HEAD DETAIL
NTS

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DATE: 2023-11-17
 PROJECT NO.: 23101
 DRAWN BY: DM
 CHECKED BY: AC
 SCALE: N.T.S.

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