

VICINITY MAP (NTS)

- LEGEND:**
- DNR DELINEATION FLAG
 - LIMIT OF MARSH VEGETATION
 - - - MEAN LOW WATER
 - - - EXTENDED PROPERTY LINE
 - FLEXAMAT
 - PLANTED MARSH VEGETATION

NOTES:

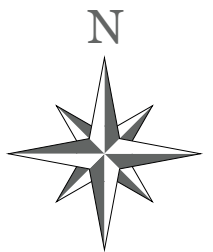
1. SURVEY DATED MARCH 1, 2024 WAS PROVIDED BY JACKSON SURVEYING INC
2. ALL GRADED MATERIALS WILL BE SOURCED FROM INSIDE THE PROJECT AREA. NO OUTSIDE EARTH FILL WILL BE USED.

CALCULATIONS:

PROJECT AREA: 5597.6 SF (0.13 AC.)

WATERWAY MESASUREMENTS

- MLW-MLW: 230'
- CHANNEL: 245'
- EXTENT PAST MLW: 3'
- EXTENT PAST MHW: 19'
- DISTANCE TO MAVIGABLE CHANNEL: 115'

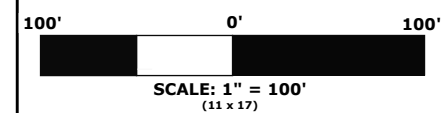


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Prepared For:
Jim Broadlick
1034 Heron Pl. N.E.
Townsend, GA 31331

**Coastal Permitting
Service**

PROJECT LOCATION



1



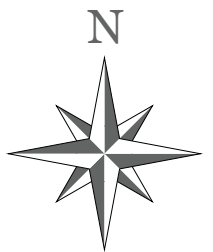
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NOTES:

1. SURVEY DATED JANUARY 23, 2023 WAS PROVIDED BY JACKSON SURVEYING INC
2. ALL GRADED MATERIALS WILL BE SOURCED FROM INSIDE THE PROJECT AREA. NO OUTSIDE FILL WILL BE USED.
3. THIS REQUEST DOES NOT INCLUDE ANY WORK TO THE EXISTING DOCK.
4. THE EXISTING RIP RAP TO THE NORTH IS NOT INCLUDED IN THE QUANTITIES FOR THE PROPOSED PROJECT.

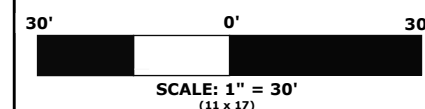


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EXISTING
CONDITIONS



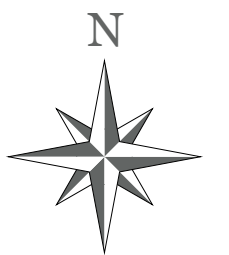
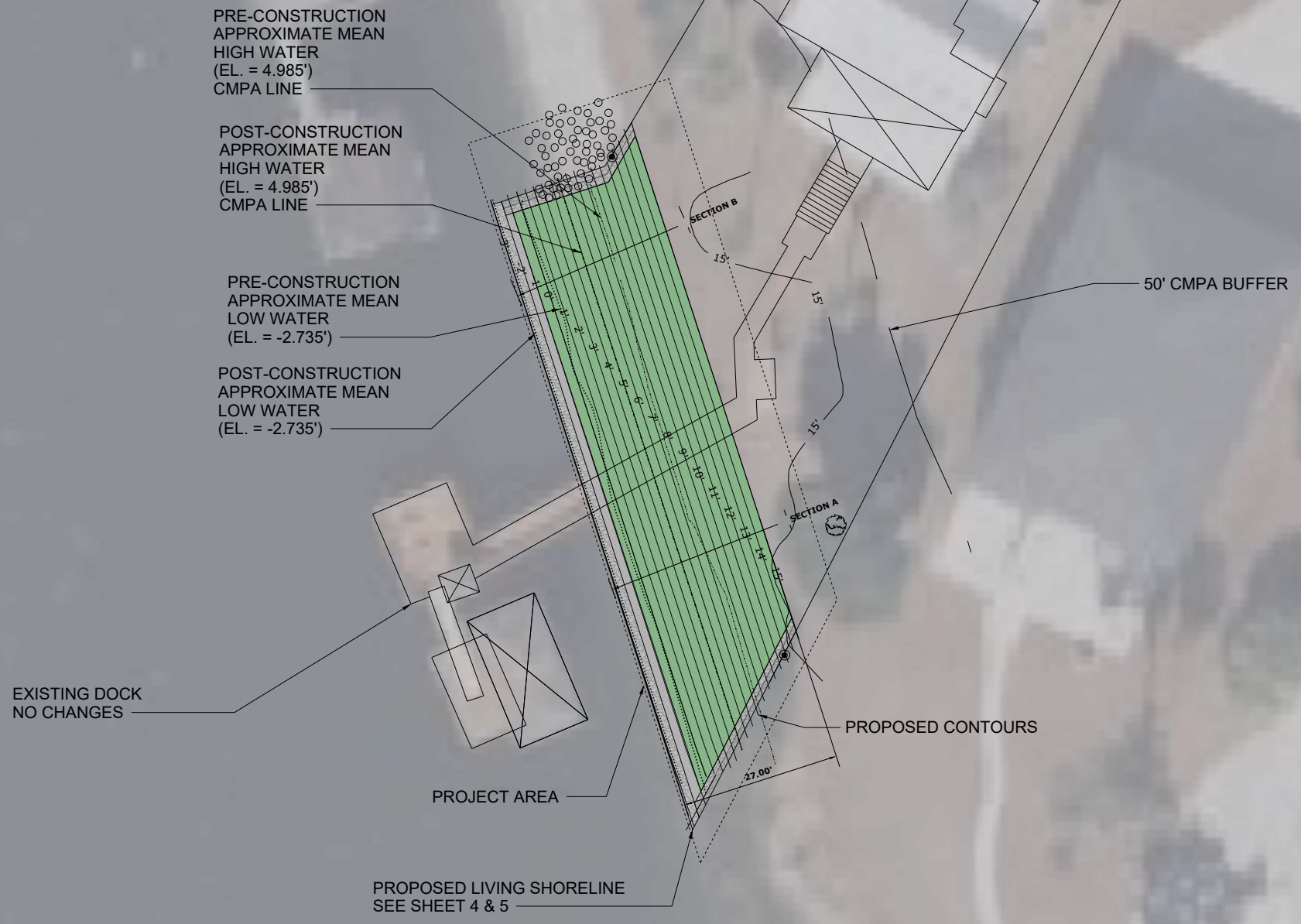


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NOTES:

1. PROJECT AREA INCLUDES A PERIMETER AROUND THE PERMANENT IMPACTS FOR TEMPORARY IMPACTS THAT MAY OCCUR DURING CONSTRUCTION. THE PROJECT LOCATION OUTSIDE OF THE PERMANENT STRUCTURES WILL BE RETURNED TO ITS PRE-CONSTRUCTION CONDITION UPON COMPLETION OF THE LIVING SHORELINE.

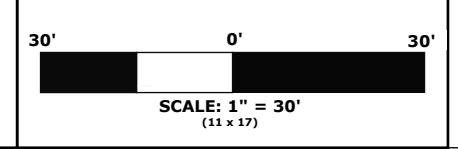


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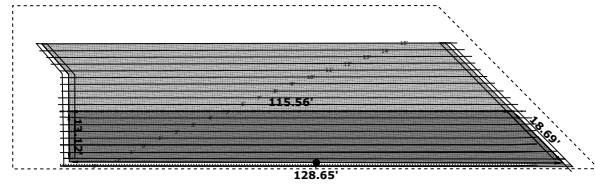
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**PROPOSED LIVING
SHORELINE**

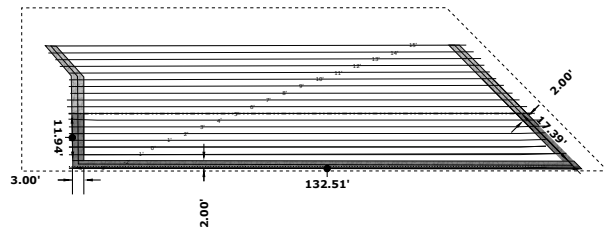


FLEXAMAT
 1,623.92 SF
 304.29 CF
 11.27 CY



SCALE: 1" = 50'

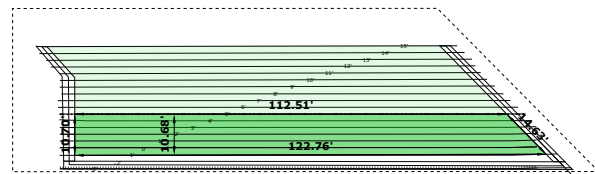
RIP RAP
 336.25 SF
 2' THICK
 672.3 CF
 24.90 CY



SCALE: 1" = 50'

PERMANENT VEGETATION
 1,245.51 SF

*SPARTINA ALTERNIFLORA PLANTED
 FROM THE LOCAL VEGETATION GATHERED
 FROM THE PROJECT SITE PRIOR TO GRADING



SCALE: 1" = 50'



MARSHLAND COMPONENT
 TOTAL IMPACTS 2,172.74 SF
 TEMPORARY: 375.19 SF
 PERMANENT: 1,797.55 SF

RE-PLANTED NATIVE VEGETATION
 FLEXAMAT
 RIP RAP APRON



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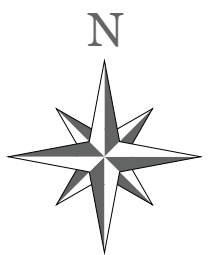
1. ALL RIP RAP WILL COMPLY WITH DNR AND USACE REQUIREMENTS TO BE FREE OF CONTAMINATES, REBAR, AND BE ABLE TO WITHSTAND FLOW.

CALCULATIONS (MARSHLAND):

PROJECT AREA: 2172.74 SF (0.07 AC.)
 TEMPORARY IMPACTS: 375.19 SF (0.008 AC.)
 FLEXAMAT: 1,623.92 SF (11.27 CY)
 RIP RAP: 336.25 SF (24.90 CY)
 EARTHFILL: 96.34 CY

MARSH VEGETATION: 1245.51 SF
 *PLANTED MARSH VEGETATION WILL BE WITHIN THE FOOTPRINT OF THE PROPOSED FLEXAMAT.

TOTAL FILL: 132.51 CY (1CY/LF)

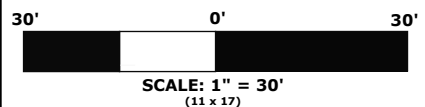


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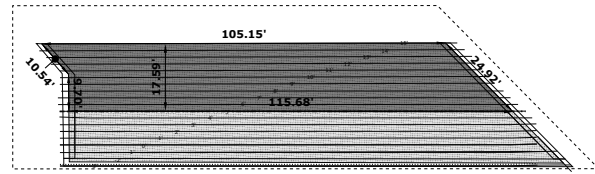
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**MARSHLAND
 COMPONENT**

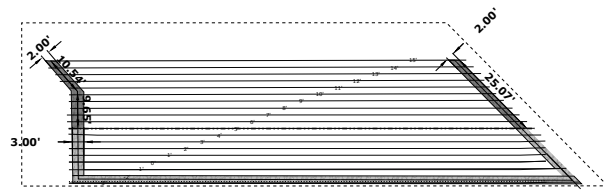


FLEXAMAT
 1,924.37 SF
 360.82 CF
 13.36 CY



SCALE: 1" = 50'

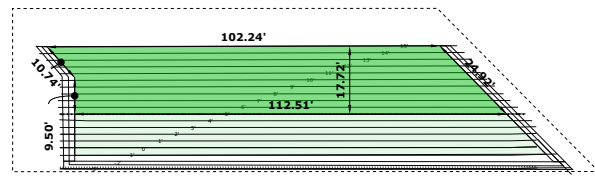
RIP RAP
 103.9 SF
 2' THICK
 207.8 CF
 7.69 CY



SCALE: 1" = 50'

PERMANENT VEGETATION
 1866.76 SF

*SPARTINA ALTERNIFLORA PLANTED FROM THE LOCAL VEGETATION GATHERED FROM THE PROJECT SITE PRIOR TO GRADING



SCALE: 1" = 50'



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- NOTES:**
1. ALL RIP RAP WILL COMPLY WITH DNR AND USACE REQUIREMENTS TO BE FREE OF CONTAMINATES, REBAR, AND BE ABLE TO WITHSTAND FLOW.
 2. THE 50-FOOT CMPA BUFFER IS CURRENTLY 99.1% PERVIOUS AND WILL REMAIN 99.1% PERVIOUS POST-CONSTRUCTION.
 3. THE ONLY IMPERVIOUS AREA IS THE EXISTING PORCH OF THE UPLAND HOUSE.

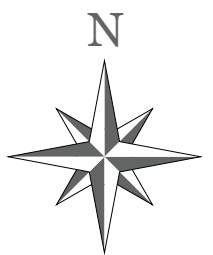
CALCULATIONS (UPLAND):

TOTAL 50-FOOT MARSH BUFFER: 5,781.40
 PROJECT AREA: 3,425.35 SF (0.078 AC.)
 TEMPORARY IMPACTS: 1,446.11 (0.03 AC.)
 FLEXAMAT: 1,924.37 SF (13.36 CY)
 RIP RAP: 103.9 SF (7.69 CY)
 EARTH FILL: -96.34 CY

MARSH VEGETATION: 1866.76 SF
 *PLANTED MARSH VEGETATION WILL BE WITHIN THE FOOTPRINT OF THE PROPOSED FLEXAMAT.

TOTAL FILL: -75.29 CY

*OTHER STRUCTURES IN THE 50-FOOT MARSHLANDS BUFFER INCLUDE:
 PORCH AREA: 52.66 SF
 DECK AREA: 421.45 (STAIRS, DOCK, WALKWAY)

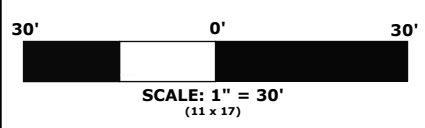


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Coastal Permitting Service

UPLAND COMPONENT





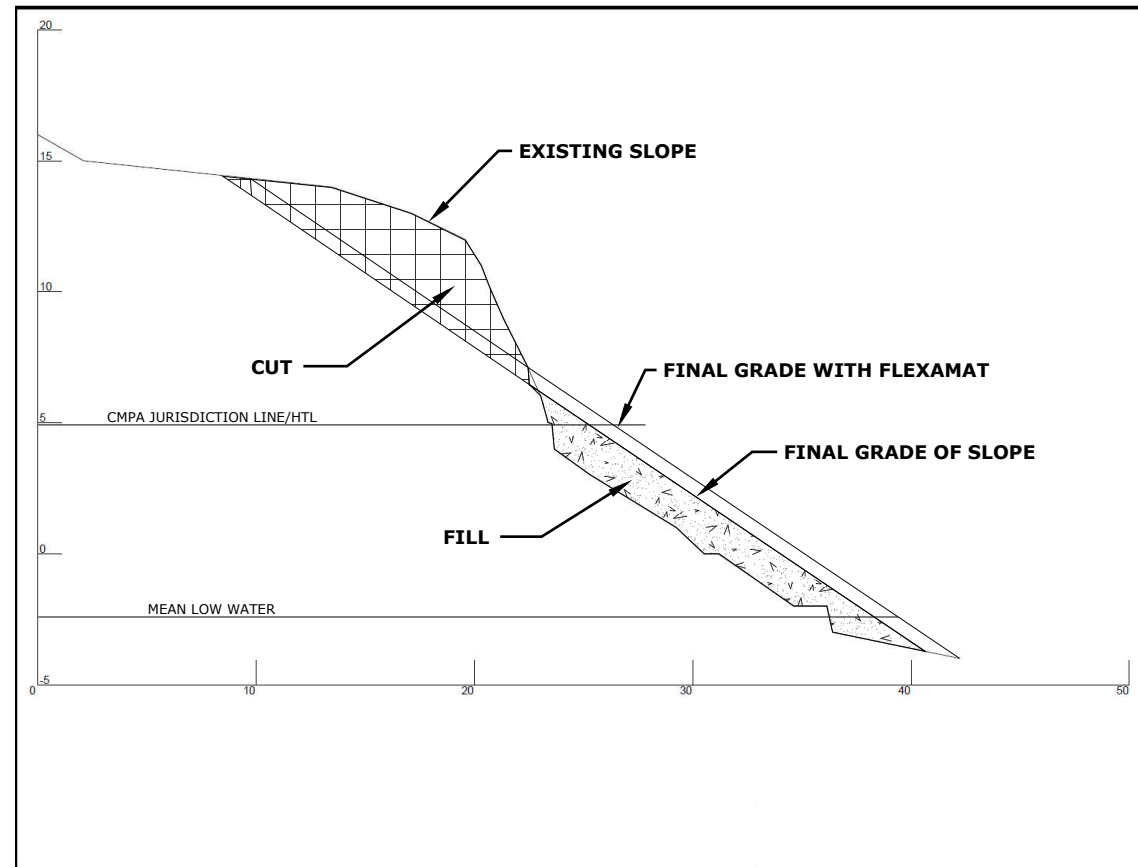
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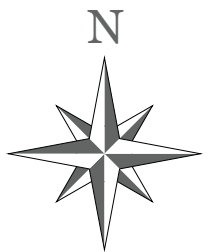
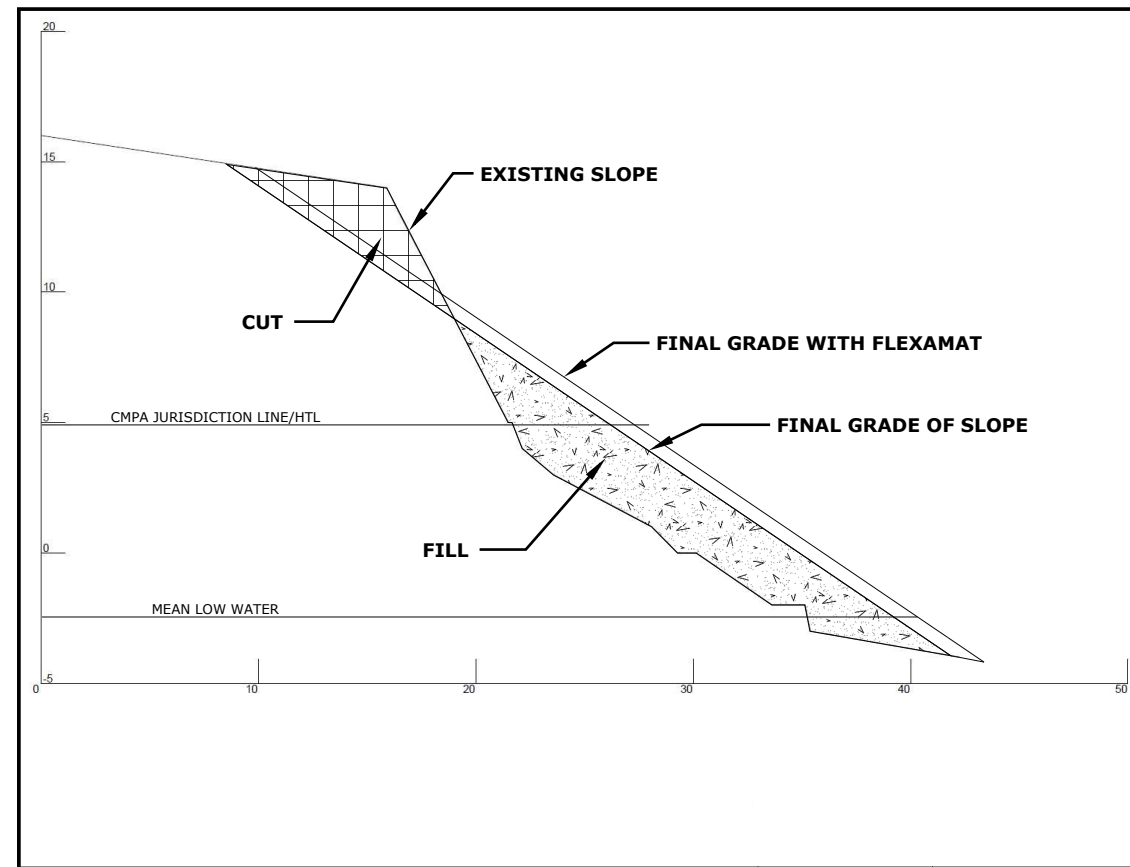
1. CONTRACTOR TO VERIFY SLOPE REQUIREMENTS FOR FLEXAMAT INSTALLATION.
2. QUANTITIES SHOULD NOT EXCEED 1 CUBIC YARD PER LINEAR FOOT.

GRADING (VARIES)

SECTION A SAMPLE



SECTION B SAMPLE



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GRADING

SCALE: NTS

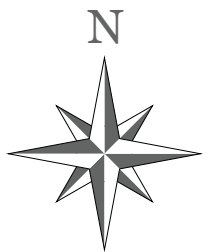
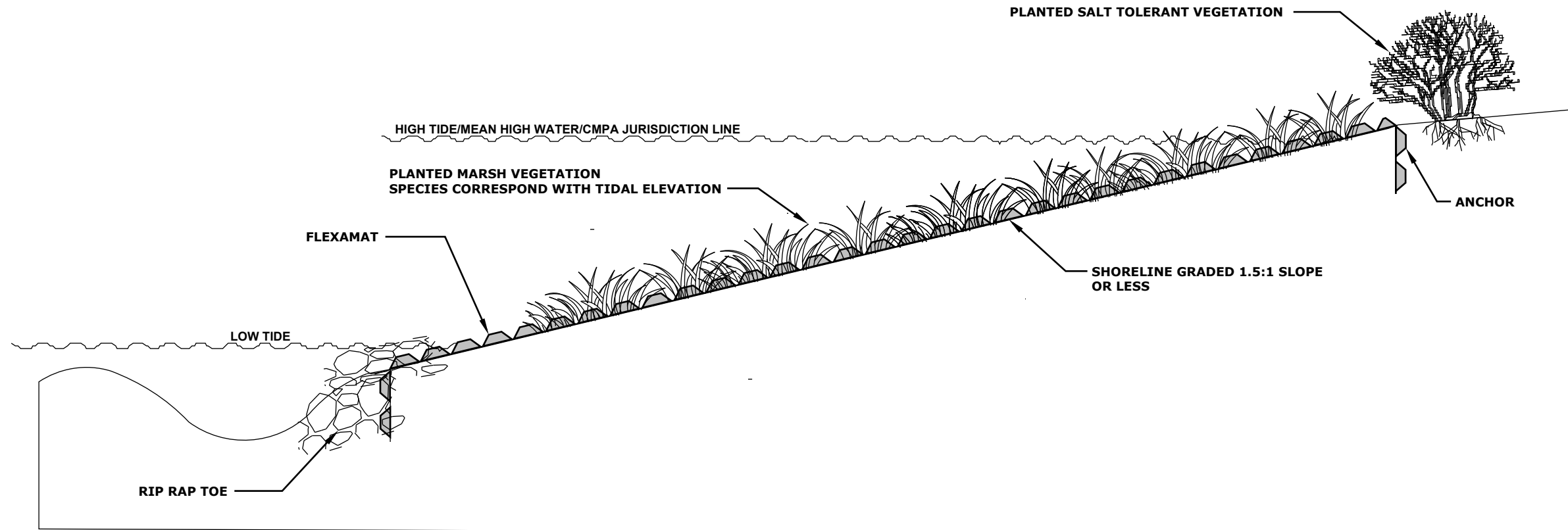
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TYPICAL LIVING SHORELINE (NTS)



VICINITY MAP (NTS)

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PROFILE VIEW

SCALE: NTS



Overview



Legend

- Parcels
- Roads

<p>Parcel ID 0082C 0007</p> <p>Class Code Residential</p> <p>Taxing District COUNTY</p> <p>Acres 0.77</p>	<p>Owner JAMES S. BROADLICK AND MARTHA G. PILCHER TRUST 100 E. 3RD AVENUE, BOX 98 ELLENSBURG, WA 98926</p> <p>Physical Address 1034 HERON PL</p> <p>Assessed Value Value \$411270</p>	<p>Last 2 Sales</p> <table border="0"> <thead> <tr> <th>Date</th> <th>Price</th> <th>Reason</th> <th>Qual</th> </tr> </thead> <tbody> <tr> <td>5/25/2022</td> <td>\$640000</td> <td>Fair Market Value</td> <td>Q</td> </tr> <tr> <td>1/12/1990</td> <td>\$48500</td> <td>Land Market Sale</td> <td>Q</td> </tr> </tbody> </table>	Date	Price	Reason	Qual	5/25/2022	\$640000	Fair Market Value	Q	1/12/1990	\$48500	Land Market Sale	Q
Date	Price	Reason	Qual											
5/25/2022	\$640000	Fair Market Value	Q											
1/12/1990	\$48500	Land Market Sale	Q											


(Note: Not to be used on legal documents)

Date created: 11/9/2023
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Untitled Map

Write a description for your map.

Legend

 Feature 1

