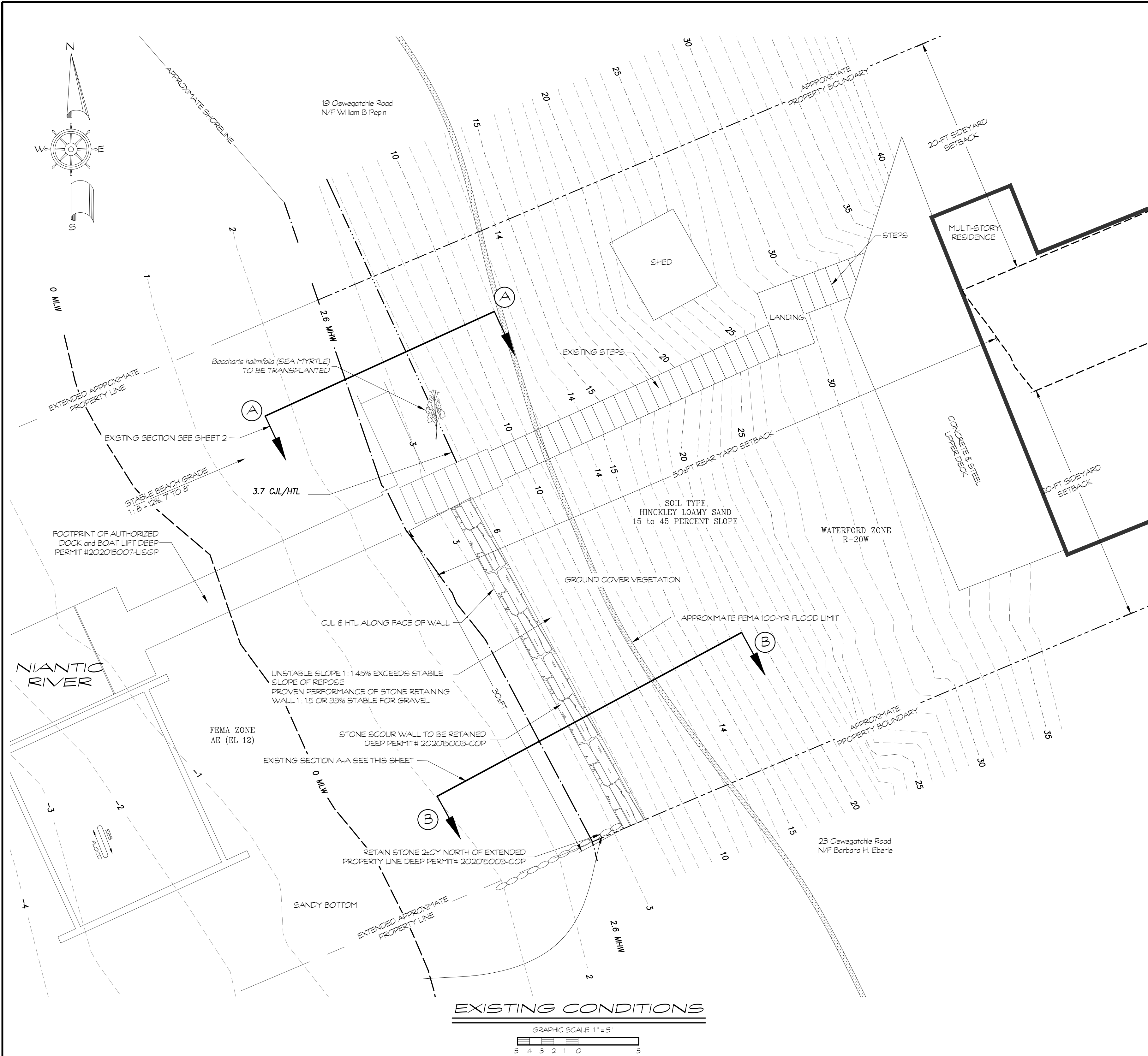
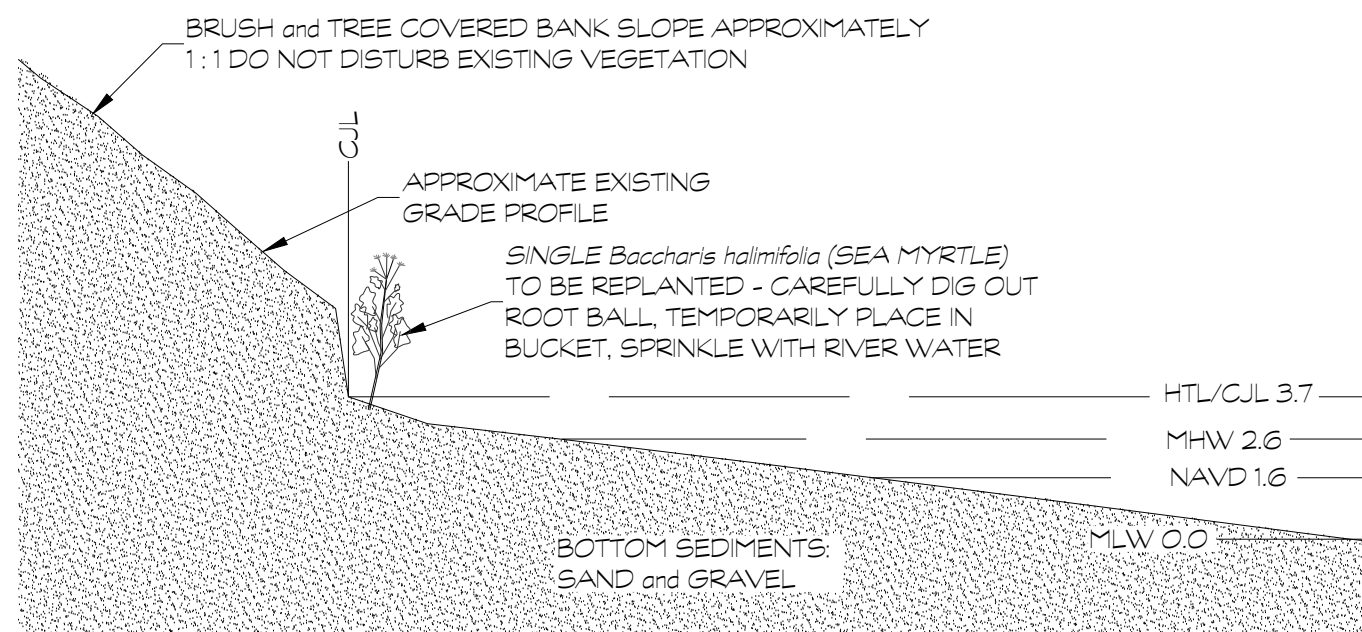
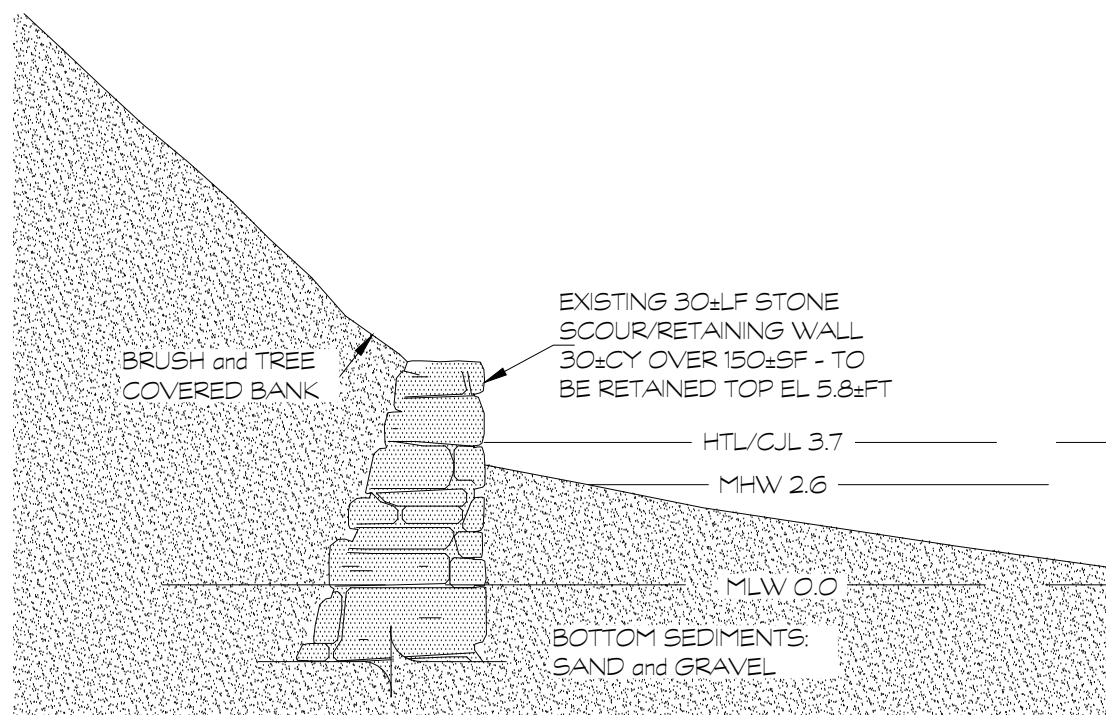




EXISTING CONDITIONS



EXISTING SECTION A-A



EXISTING SECTION B-B



REFERENCES

a) THIS PLAN IS CREATED FROM A SURVEY TITLED "TOPOGRAPHIC SURVEY PROPERTY OF MARK SPERY and ANABEL FRISH 21 OSWEGATCHIE ROAD - WATERFORD, CONNECTICUT, BY RESOURCE MANAGEMENT AND MAPPING DATED JANUARY 10, 2020, ORIGINAL SCALE 1"=10'-FT.

- b) REFERENCE IS MADE TO THE FOLLOWING ADDITIONAL DOCUMENTS
- FEMA FLOOD INSURANCE RATE MAP - COMMUNITY PANEL NUMBER 090100477J EFFECTIVE AUGUST 5, 2013
 - DEEP RESOURCE MAP - NANTIC QUADRANGLE
 - DEEP SHELLFISH CONCENTRATION AREA MAP - NANTIC QUADRANGLE
 - SOIL SURVEY USING: [HTTP://WEBSOILSURVEY.NRCS.USDA.GOV](http://websoilsurvey.nrcs.usda.gov)
 - VISION APPRAISAL ASSESSORS ONLINE DATABASE FOR WATERFORD, CT
 - TOWN OF WATERFORD GEOGRAPHICAL INFORMATION SYSTEM

c) ELEVATION DATUM IS MEAN LOW WATER (MLW). TIDAL INFORMATION IS TAKEN FROM - NANTIC RIVER. COASTAL JURISDICTION LINE TAKEN FROM THE DEEP COASTAL JURISDICTIONAL FACT SHEET: WATERFORD

d) THESE APPLICATION DRAWINGS REPRESENT A COMPILED OF SURVEYS FOR PERMIT PURPOSES. THEY ARE NOT CONSTRUCTION CONTRACT DOCUMENTS.

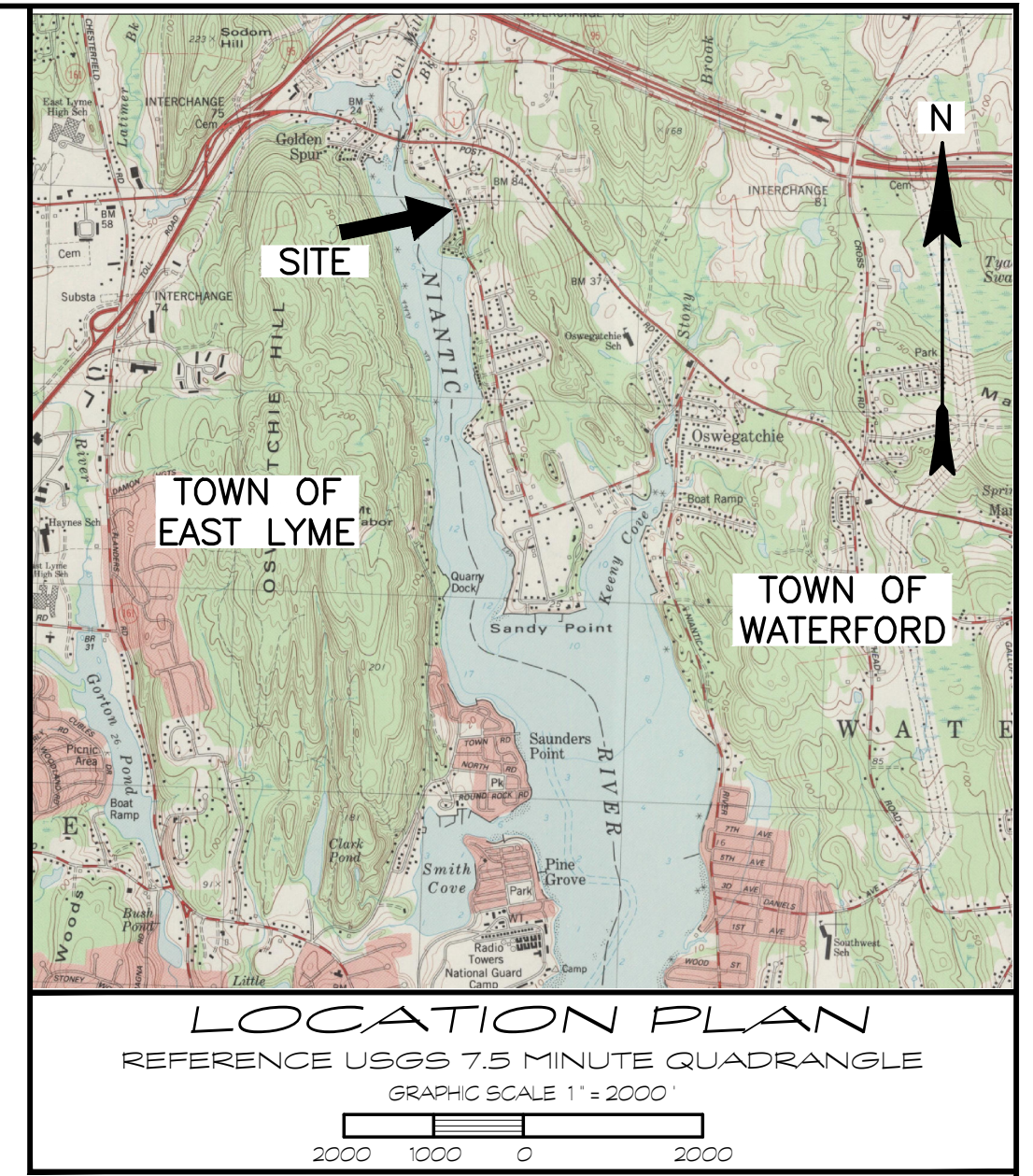
SITE PLAN NOTES:

1. SITE ACCESS WILL BE ON SPERY'S DRIVEWAY AND STAIR.
2. THERE WILL BE NO PROCESSING OF EXTRACTED EARTH MATERIALS OR BOULDERS ON THE SITE TO BE UTILIZED IN THE PROSECUTION OF THIS WORK. THERE WILL BE NO EXPLOSIVES UTILIZED IN THE PROSECUTION OF THIS WORK. NO EXCAVATION, GRADING OR FILL SHALL RESULT IN DUST, NOISE, (EXCEPT BETWEEN 7:00 AM AND 7:00 PM) OR HAZARD TO CHILDREN OR PEDESTRIANS OR ADJACENT PROPERTIES OR PASSING VEHICLES. ALL MATERIALS USED AS FILL WILL BE NATIVE AND NATURAL STONE EARTH PRODUCTS WITH NO RECYCLED DEBRIS. FILL SHALL BE COMPACTED AFTER PLACEMENT TO PROVIDE STABILITY OF MATERIALS AND PREVENT SETTLING. UNSIGHTLY PILES OF ROCKS OR EARTH MATERIALS SHALL NOT BE LEFT ON SITE AFTER COMPLETION OF THE PROJECT, EXCEPT POSSIBLY FOR TOPSOIL TO BE UTILIZED IN FINAL SOIL PROTECTION FOR USE AROUND THE STAIR LANDING AND BEHIND THE TOP LAYER OF STONE. THERE WILL BE NO COASTAL BEACH AREAS EXCAVATED IN THE PUBLIC TRUST, FILLED OR RE-GRADED (WATERWARD OF THE MHW LINE) AS A PART OF THIS PROJECT. ALL OF THE SHORELINE RESTORATION WORK WILL TAKE PLACE UPLAND OF THE MHW LINE.
3. THERE ARE NO SITE IMPROVEMENT BUILDING STRUCTURES IN THIS PROJECT.
4. THERE ARE NO UTILITIES ON THE BANK. IF POWER IS PROVIDED TO THE AUTHORIZED DOCK FACILITY IN THE FUTURE, UTILITIES RUN DOWN THE BLUFF WILL BE MOUNTED TO THE STAIRS.
5. DURING THE PROSECUTION OF THE WORK CONSTRUCTION THE GATE WILL BE CLOSED, AS DEPICTED ON THE SITE PLAN TO PREVENT INADVERTENT ENTRY INTO THE SITE.
6. THE DRIVEWAY WILL BE THE AREA WHERE VEHICLES, SUPPLIES, MATERIALS AND EQUIPMENT WILL BE LOCATED DURING THE PROSECUTION OF THIS SHORELINE RESTORATION PROJECT.
7. DRAINAGE IS SURFACE SHEET FLOW FOR THE ENTIRE SITE WITH OPPORTUNITY FOR ABSORPTION INTO THE GROUND, PRIOR TO REACHING THE SHORE RESOURCES. THE STONE WALL WORK PROPOSED IS TO CREATE BLUFF STABILITY AND EROSION/SCOUR PROTECTION WITHOUT CREATING EROSION OR SCOURING ON THE COASTAL BLUFF.

THE BLUFF IS A STEEP SLOPE GREATER THAN 25% AT THE SHORELINE FACE WHICH IS THE SUBJECT OF THIS REPAIR / RESTORATION EFFORT FOR THE PROTECTION/PRESERVATION OF THE BLUFF SOILS.
8. TOPSOIL AND GENERAL EXCAVATION MATERIALS WHICH CANNOT BE REUSED IN THE BLENDED SOIL SCOPE OF WORK WILL BE REMOVED FROM THE SITE. ANY MATERIALS STOCKPILED ON THE SITE, WILL BE BORDERED WITH APPROPRIATE EROSION AND SEDIMENT CONTROL SILT FENCING, HAY BALES, OR STRAW WATTLE.
9. EXISTING STAIRS WITH GATE AND FENCING WILL BE RETAINED TO THE AREA TO ALLOW FOR THE SHORELINE RESTORATION SCOPE OF WORK AND MATERIALS.
10. TRASH AND RIVER DEBRIS WILL BE REMOVED IN A SUITABLE CONTAINER OTHERWISE, THERE ARE NO WASTE REMOVAL DUMPSTERS PROPOSED FOR THIS PROJECT.
11. WHEN THE STONE PLACEMENT GRADING, BACKFILL PLACEMENT AND OPERATIONS HAVE BEEN COMPLETED, THE AFFECTED AREAS AND OTHER VEGETATED AREAS DAMAGED OR DISTURBED BY THE CONSTRUCTION PROCESS WILL BE COVERED WITH 4 INCHES OF TOPSOIL AND SEEDED WITH PERENNIAL RYE.

CONSTRUCTION SEQUENCE NOTES

1. THE PERMITTED SHALL NOTIFY THE TOWN ZONING ENFORCEMENT OFFICER OF THE DATE OF PLANNED CONSTRUCTION COMMENCEMENT TWO WEEKS IN ADVANCE
2. A PRE-DEPARTURE, FINAL PERMIT CONFORMANCE INSPECTION WILL BE SCHEDULED WITH THE ZONING ENFORCEMENT OFFICIAL COMPLETION OF THE WORK.
3. THE OWNER SHALL PROVIDE THAT CONTACT INFORMATION TO THE ENGINEER AND TOWN OF WATERFORD ZONING OFFICIAL PHONE NUMBER 860-444-5813.
4. IT IS ANTICIPATED THAT THE SEQUENCE OF WORK WILL BE AS FOLLOWS:
 - CLEAR WORK AREA NORTH OF THE STAIR AT THE TOE OF SLOPE. DIG UP AND POT THE SEA MYRTLE PLANT FOR REPLANTING.
 - PLACE A TARP ON THE BLUFF FOR TEMPORARY PROTECTION OF THE EXCAVATED AREA.
 - LIMIT DISTURBANCE OF THE ERODED BANK AND FORESHORE TO THE WORK LIMITS FOR THE DAYS STONEMAN. SAVE THE EXCAVATED SOILS ON PREVIOUSLY ACCOMPLISHED WORK.
 - PLACE GEOTECH FABRIC AND GEOGRID INTO THE EXCAVATED WORK AREA PROMPTLY READY FOR STONE WALL AND BUILD THE STONE WALL IN THE PREPARED AREA.
 - COMPLETE STONEMAN WORK AROUND STAIR SUPPORT.
 - BACKFILL WITH SALVAGED BLENDED SOIL AND GRAVEL MIX.
 - REBUILD WOOD STAIR OVER THE TOP OF THE WALL TO THE BEACH OR PER AUTHORIZED UNDER DEEP PERMIT NO. 202015003.
 - COMPLETE GRAVEL FILL BETWEEN PERIMETER OF STONE AND EXCAVATION LIMITS IN THE BLUFF AND COMPACT BY HAND TAMPING.
 - COVER THE GRADED GRAVEL WITH NATURAL MULCH OF LEAVES AND TWIGS OR EXCELISIOR MAT STAKED TO THE GROUND.



COASTAL SITE PLAN NEW STONE SCOUR WALL NIANTIC RIVER JANUARY 3, 2023

PROPERTY OF
MARK SPERY & ANABEL S. FRISH
21 OSWEGATCHIE ROAD - WATERFORD, CT

APPROVED _____ DATE _____

SHEET 1 OF 2

PREPARED BY:
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DWS 19-07-3045