

COASTAL RESTORATION SITE DEVELOPMENT PLANS

950 NORTH QUIDNESSETT ROAD
PLAT 167 LOT 2
NORTH KINGSTOWN, RHODE ISLAND

ISSUED FOR PERMITTING

PREPARED FOR
QUIDNESSETT COUNTRY CLUB INC.

DATE ISSUED: MAY 16, 2025



PROJECT TEAM
CIVIL & GEOENVIRONMENTAL ENGINEER:



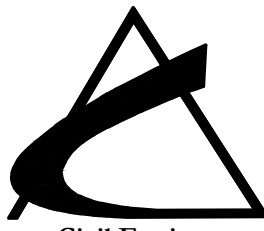
RMA ENVIRONMENTAL LLC
20 MAIN STREET
NORTH KINGSTOWN, RI 02852

ENVIRONMENTAL SCIENTIST:



ECOTONES, INC. EAST GREENWICH, RI 02888
ENVIRONMENTAL CONSULTANTS PHONE 401-256-5889 FAX 401-256-5891

LAND SURVEYOR & CIVIL ENGINEER:



Civil Engineers
Land Surveyors
Land Use Planners
Environmental Engineers

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C-0	COVER
SV-1	EXISTING CONDITIONS PLAN
C-1	SITE PLAN
C-2	DETAILS

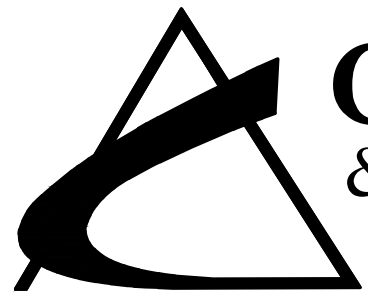


ISSUED FOR REGULATORY REVIEW
ONLY - NOT FOR CONSTRUCTION

OWNER/APPLICANT

QUIDNESSETT COUNTRY CLUB INC.
PO BOX 860
EAST GREENWICH, RHODE ISLAND 02818

COASTAL RESTORATION PLAN
QUIDNESSETT COUNTRY CLUB
950 NORTH QUIDNESSETT ROAD
PLAT 167 LOT 2
NORTH KINGSTOWN, RHODE ISLAND
CA JOB # 224031



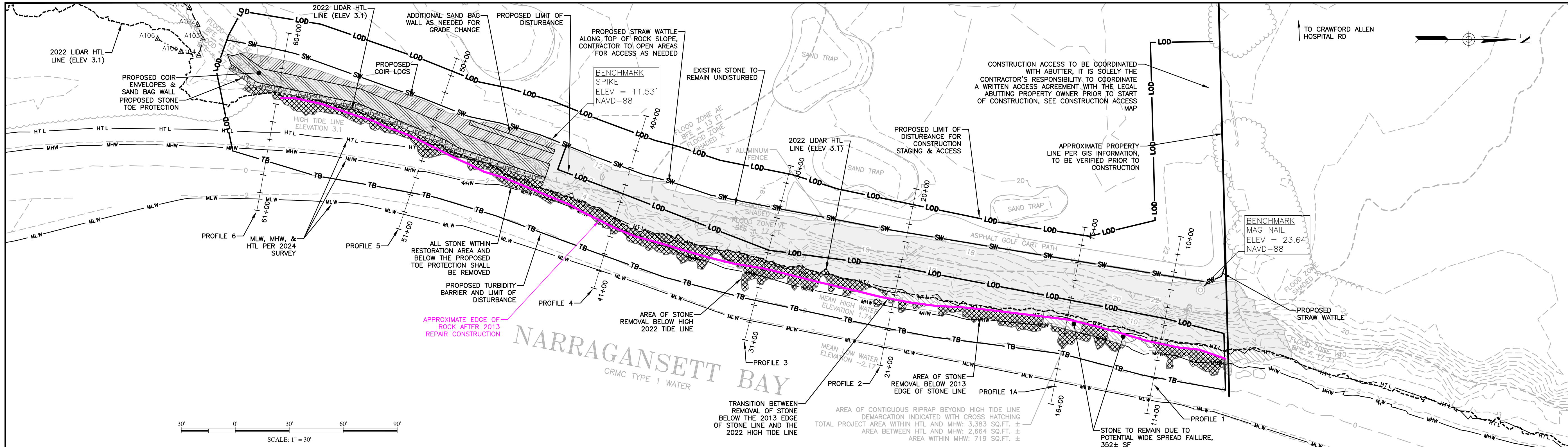
**CHERENZIA
& ASSOCIATES, LTD.**

Civil Engineers
Land Surveyors
Land Use Planners
Environmental Engineers

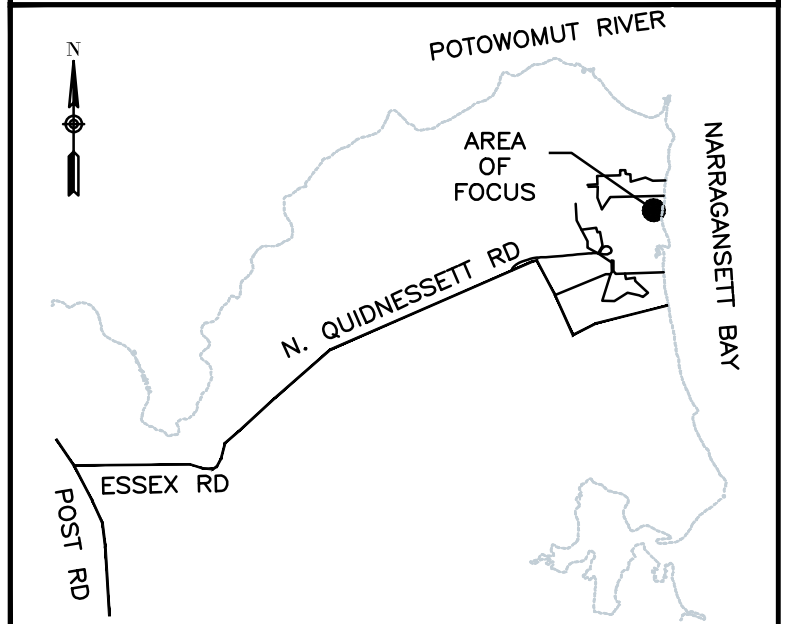
99 Mechanic St.
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LOCATION MAP

- NOTES:
1. THE DESIGN BASED ON THE HTL ESTABLISHED PER THE 2024 QUONSET TIDE GAUGE PREDICTIONS AS STORMS IMPACT THE AREA. THE HTL IS SHOWN ON THE SURVEY PLAN PREPARED BY CHERENZIA & ASSOCIATES, LTD. TITLED EXISTING CONDITIONS PLAN, DATA ACCUMULATION SURVEY SHEET SV-1 PREPARED FOR QUIDNESSETT COUNTRY CLUB DATED JUNE 7, 2024 REVISED JULY 23, 2024.
 2. A BOUNDARY SURVEY HAS NOT BEEN PERFORMED FOR THE PROPERTY.
 3. ANY EXISTING SHORELINE VEGETATION SHALL BE PRESERVED BOTH DURING AND AFTER WORK COMPLETION.
 4. STONE SHALL BE REMOVED AND REPLACED WITH BEACH SAND AS NEEDED. SAND SHALL COME FROM AN UPLAND SOURCE AND CONSIST OF NATURAL SAND GRAINS THAT ARE SIMILAR IN GRAIN SIZE, SHAPE, AND COMPOSITION TO SAND CURRENTLY ON THE BEACH. SAND SHALL CONSIST OF 90% OR MORE SAND SIZED GRAINS. SAND SHALL NOT BE MINED FROM THE ACTIVE COASTAL FEATURES (E.G. DUNES AND BEACH).
 5. REMOVED STONE SHALL EITHER BE REMOVED FROM THE SITE OR BASED ON DIRECTION FROM THE PROJECT ENGINEER, USED TO SUPPLEMENT THE EXISTING STONE SLOPE ABOVE THE HTL.
 6. IN ADDITION TO THE HTL PROVIDED ON THE 2024 SURVEY, A HTL LINE (ELEV. 3.1) IS COMPILED FROM THE 2022 LIDAR ELEVATION INFORMATION. THE 2022 LIDAR WAS BEFORE THE STONE SLOPE WAS CONSTRUCTED AND THE STORMS THAT ERODED THE PREVIOUS SLOPE.
 7. THE PROJECT AREA IS LOCATED IN FEMA FLOOD ZONE VE WITH BFE=17 FEET, ZONE AE WITH BFE=13 FEET, AND AREAS OF 0.2% ANNUAL CHANCE FLOOD HAZARD BASED ON FEMA MAP #440900018J WITH EFFECTIVE DATE OF OCTOBER 16, 2013.
 8. THE AREA OFFSHORE IS A RIEMEN SHELLFISH MANAGEMENT AREA (HIGH BANKS MANAGEMENT AREA 9B).
 9. VEGETATION SHALL BE COORDINATED WITH A COASTAL BIOLOGIST. NATIVE PLANTS WILL BE SELECTED FROM THE CRMC COASTAL BUFFER ZONE PLANTING GUIDE REVISED AUGUST 2008.
 10. CHERENZIA MAKES NO GUARANTIES OF THE EFFECTIVENESS AND/OR LASTING INTEGRITY OF THIS NON-STRUCTURAL RESTORATION.

- PLAN REFERENCES:
1. SURVEY PLAN PREPARED BY CHERENZIA & ASSOCIATES, LTD. TITLED EXISTING CONDITIONS PLAN, DATA ACCUMULATION SURVEY PREPARED FOR QUIDNESSETT COUNTRY CLUB DATED JUNE 7, 2024 REVISED JULY 23, 2024.
 2. WETLANDS HAVE BEEN DELINEATED BY ECOTONES INC. AND SURVEY LOCATED.

PLAN REVISIONS				
REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY

SCALE: AS NOTED
CA JOB # 224031
DATE: MAY 16, 2025

DRAWN BY: AKG
CHECK BY: SFC

ISSUED FOR REGULATORY REVIEW
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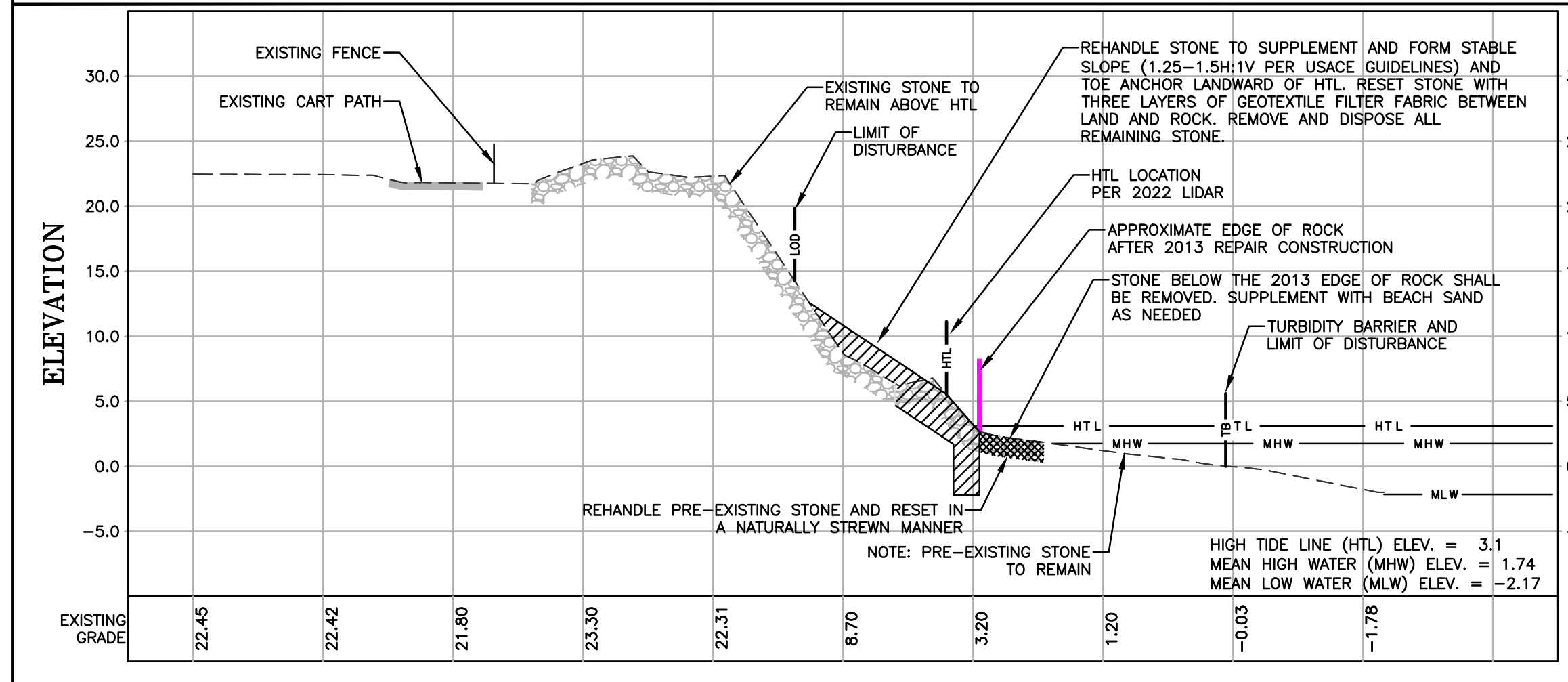
COASTAL RESTORATION PLAN
QUIDNESSETT COUNTRY CLUB
950 NORTH QUIDNESSETT ROAD
PLAT 167 LOT 2
NORTH KINGSTOWN, RHODE ISLAND

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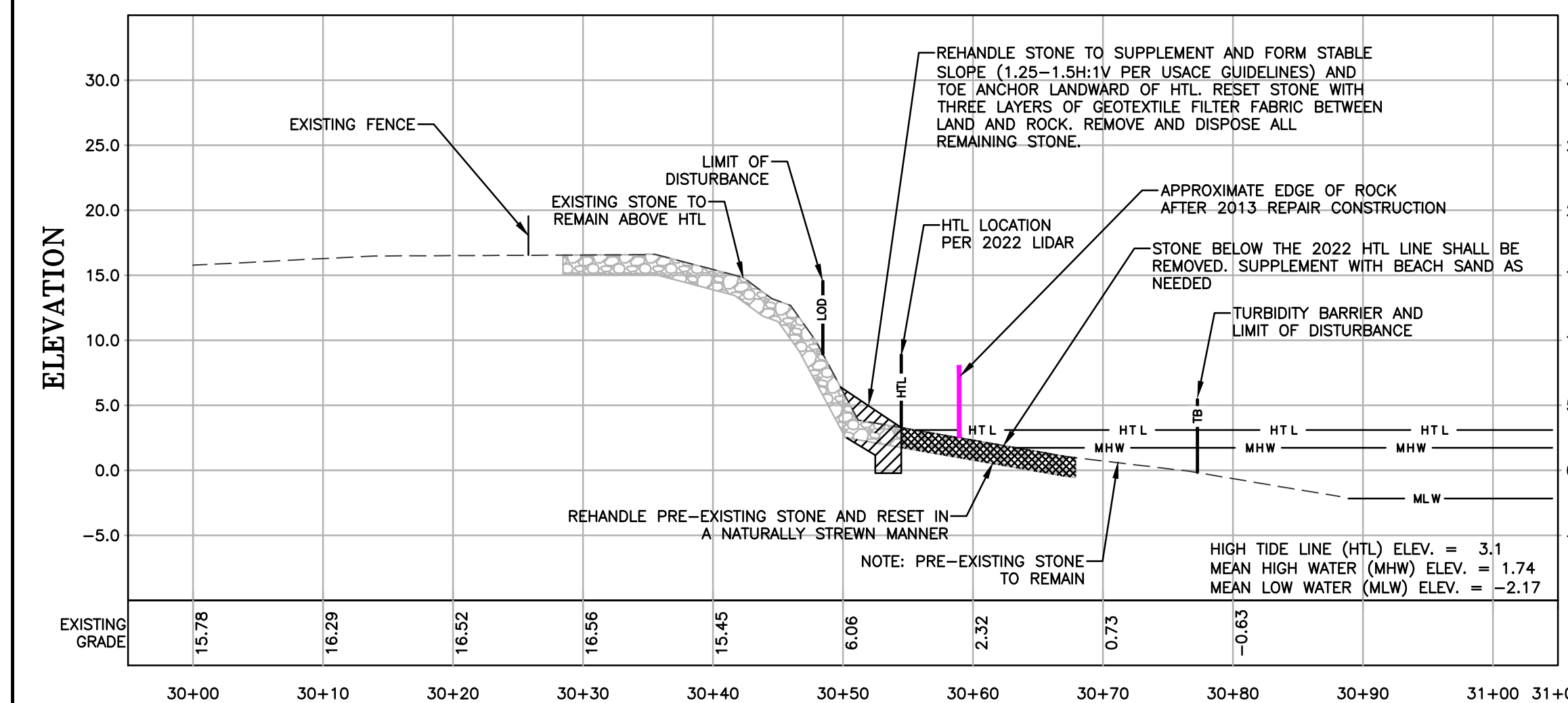


C-1

Sheet 1 of 2

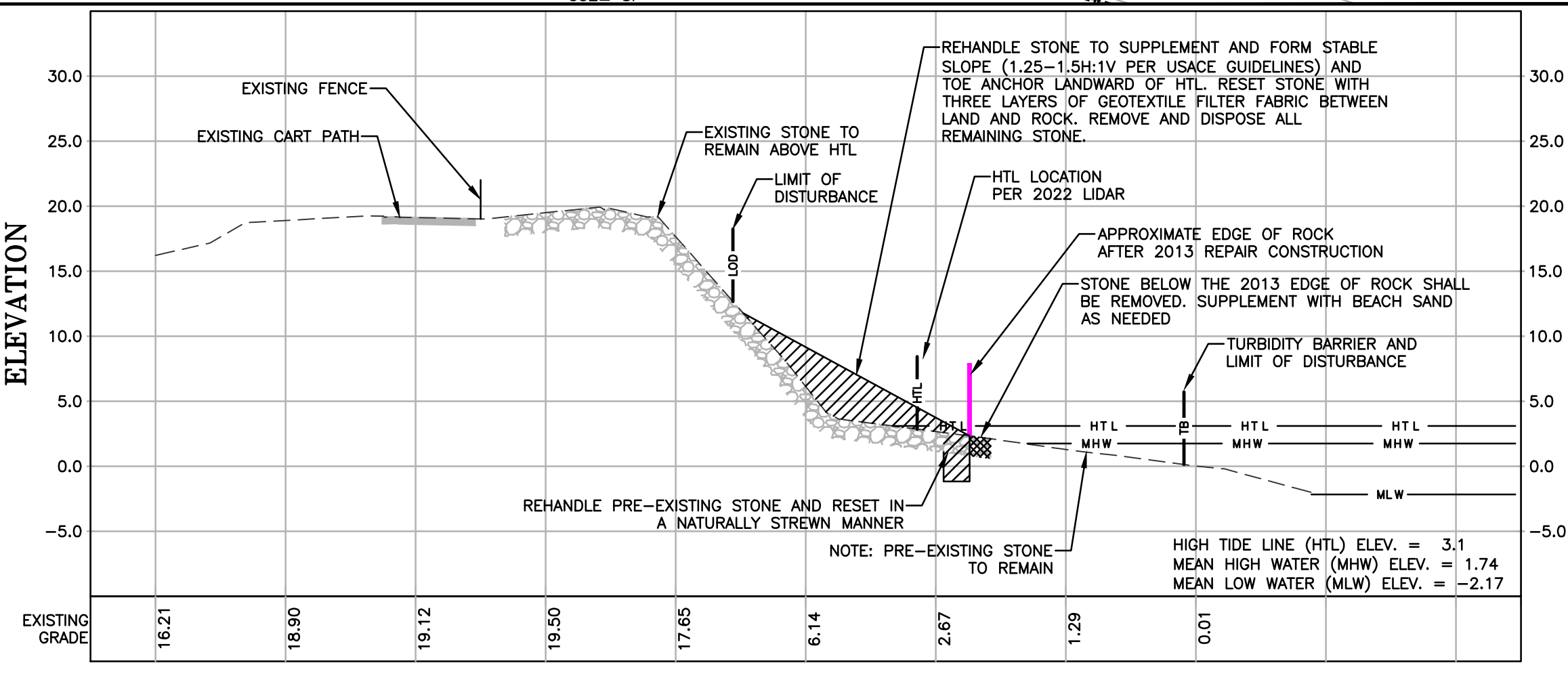


PROFILE 1
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 10'

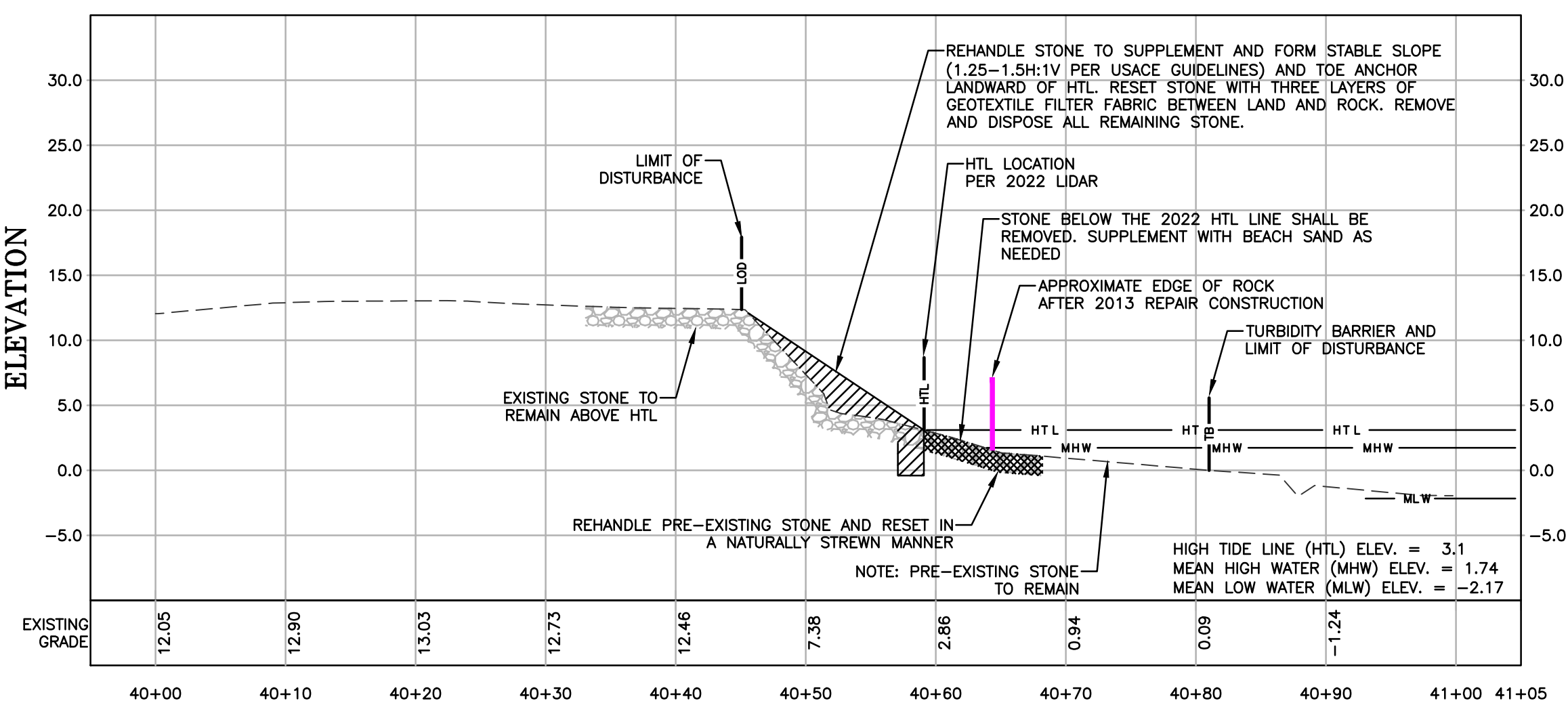


PROFILE 3
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 10'

NOTE: ALL EXCESS MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.



PROFILE 2
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 10'



PROFILE 4
HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

1. ALL WORK TO BE PERFORMED UNDER OBSERVATION OF AN ENGINEER EXPERIENCED WITH COASTAL ENGINEERING AND EROSION
2. ALL WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS AS SHOWN IN THESE PLANS, NOTES, AND REGULATORY DOCUMENTS APPLICABLE TO THIS WORK.
3. ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIAL ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL WORK SHALL COMPLY WITH FEDERAL LAWS, STATE REGULATIONS, AND LOCAL LAWS AND STATUTES AND THE REQUIREMENTS AND CONDITIONS OF ALL REGULATORY PERMITS ISSUED FOR THE WORK.
4. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE OSHA CODE, THE RHODE ISLAND STATE BUILDING CODE, AND THE REFERENCED STANDARDS INCLUDED HEREIN THAT ARE APPLICABLE TO THIS PROJECT.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE CONDITIONS SHOWN HEREIN AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN DIMENSIONS AND/OR SITE CONDITIONS PRIOR TO THE FABRICATION AND/OR ORDERING OF ANY CONSTRUCTION MATERIALS. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION IN ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRINGING ALL ELEMENTS OF THE PROJECT IN CONFORMANCE WITH THESE PLANS AND SPECIFICATIONS. IF ANY MODIFICATIONS ARE REQUIRED IN ANY ELEMENT, THE CONTRACTOR SHALL SUBMIT PROPOSED CHANGES TO THE ENGINEER FOR REVIEW.
6. THE OWNER MUST INFORM THE CONTRACTOR OF THE EXISTENCE AND LOCATION OF ANY AND ALL KNOWN UNDERGROUND UTILITIES ON SITE. THE ENGINEER MAKES NO REPRESENTATION THAT ALL UTILITIES PRESENT ON AND BELOW THE SITE ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY DGS SAFE AND VERIFY EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER OR CONTRACTOR ASSUME NO LIABILITY FOR DAMAGE IF THE WORK BREACHES ANY UTILITY LINE. THE OWNER MUST COORDINATE WITH THE CONTRACTOR TO PROPERLY RELOCATE THEIR UTILITY LINES AND TO REPAIR/REPLACE ALL UTILITIES DAMAGED DUE TO THE WORK DESCRIBED ON THE ATTACHED DRAWINGS.
7. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS, LICENSES, CERTIFICATES OF INSPECTION, AND PAY ALL LEGAL FEES IN CONNECTION WITH THE WORK OF THIS CONTRACT. THE OWNER HAS OBTAINED NECESSARY REGULATORY PERMITS REQUIRED FOR THE WORK IN REGULATED AREAS. THE CONTRACTOR SHALL REQUEST COPIES OF THOSE REGULATORY PERMITS AND MAKE PROVISION IN THIS WORK AND IN THE COST OF THE WORK FOR ALL APPLICABLE CONDITIONS OF THOSE PERMITS. FAILURE TO CONSIDER ANY CONDITION OF THE REGULATORY PERMITS AS A PART OF THE BID SHALL NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO APPLY THOSE CONDITIONS TO HIS WORK AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL ARRANGE TO HAVE THE SITE STAKED OUT ADEQUATELY IN ORDER TO ESTABLISH LOD, ELEVATION, PROPERTY OR REGULATORY BOUNDARIES, AND IDENTIFY THE PROPOSED LOCATION OF CRITICAL JETTY SECTIONS AND EXISTING STONES. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN STAKES THROUGH CONSTRUCTION AND ENSURE THE WORK IS COMPLETED CONSISTENT WITH PROJECT PLANS AND ASSOCIATED REGULATORY APPROVALS. TEMPORARY ACCESS AGREEMENT COORDINATION IS THE SOLE RESPONSIBILITY OF THE OWNER.
9. THE CONTRACTOR SHALL PROTECT ALL WETLANDS AND/OR ASSOCIATED COASTAL RESOURCES/FEATURES FROM INTRUSION BY TURBID WATERS, CONSTRUCTION DEBRIS, CONSTRUCTION EQUIPMENT, OR PERSONNEL DURING ALL WORK ACTIVITIES. UNDER NO CIRCUMSTANCES SHALL MATERIAL BE STORED ON THE SHORELINE OR COASTAL FEATURE, EXCEPT WHERE SHOWN AND/OR APPROVED.
10. DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING DURING THE CONSTRUCTION BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
11. THE CONTRACTOR SHALL HAVE SPILL KIT PROVISIONS ON-HAND THROUGHOUT THE CONSTRUCTION PROCESS. PROVISIONS SHALL BE SIZED APPROPRIATELY FOR THE QUANTITY AND AMOUNT OF EQUIPMENT NECESSARY TO PERFORM THE WORK.
- 11.1. ACCESS SHALL OCCUR ABOVE THE REGULATORY MEAN HIGH WATER LINE AND LANDWARD OF THE AS-SHOWN LIMIT OF DISTURBANCE (LOD).
- 11.2. ACCESS UNDER NO CIRCUMSTANCES SHALL OCCUR OVER EXISTING VEGETATION OR DUNES AND SHALL OCCUR EXCLUSIVELY IN THE AREAS SHOWN HEREIN, OR AS APPROVED OTHERWISE.
12. RESTORATION:
 - 12.1. THERE IS NO INTENT TO DISTURB EXISTING COASTAL FEATURES, INCLUDING VEGETATION. CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN SUCH A FASHION TO MINIMIZE DISTURBANCE TO COASTAL FEATURES WITHIN THE LIMIT OF DISTURBANCE.
 - 12.2. AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL RESTORE AREAS DISTURBED BY CONSTRUCTION TO PRE-CONSTRUCTION CONDITION, INCLUDING ACCESS, STAGING AND NATURAL AREAS.
13. IF REGULATED, CONSTRUCTION TO OCCUR OUTSIDE PIPING PLOVER NESTING SEASONS

EROSION AND SEDIMENT CONTROL AND LIMIT OF DISTURBANCE NOTES:

1. LAND AND VEGETATION DISTURBANCE SHALL BE KEPT TO A MINIMUM. DISTURBANCE SHALL BE AS SHOWN AND KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF DISTURBANCE SHALL NOT BE DISTURBED.
2. THE CONTRACTOR SHALL ENSURE THAT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES, AND LIMIT OF DISTURBANCE MARKERS ARE PROPERLY INSTALLED PRIOR TO MOBILIZATION IN ACCORDANCE WITH THE LATEST RIDEN REGULATIONS AND TO THE SATISFACTION OF THE ENGINEER.
 - 2.1. WHEREVER POSSIBLE, EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES.
 - 2.2. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING CONSTRUCTION AS NECESSARY AND REQUIRED; THIS MAY INCLUDE, STAKED COIR LOG AND/OR WATTLE, TIMBER MUD MATS, AND BEACH COBBLE/ROCK (AT TRANSITION AREAS TO HEAVILY TRAFFICKED AREAS).
3. THE WORK IS GENERALLY WITHIN THE COASTAL FEATURE; AS SUCH:
 - 3.1. STOCKPILES AND DEPOSITION AREAS FOR CONSTRUCTION MATERIALS SHALL BE LOCATED AS SHOWN AND/OR AS APPROVED TO LIMIT DISTURBANCE. CONTRACTOR SHALL MAINTAIN AT LEAST 300 FEET OF HIGH DENSITY MARINE WATTLE TO BE ADJUSTED AND STAKED AS NECESSARY TO MINIMIZE IMPACTS CONSISTENT WITH THE NOTES AND DETAILS CONTAINED HEREIN.
 - 3.2. LIMIT OF DISTURBANCE MEASURES SHALL BE LOCATED AS SHOWN AND/OR AS APPROVED THROUGHOUT CONSTRUCTION ACTIVITIES.
 - 3.3. INSPECT ALL SEDIMENT AND EROSION CONTROL MEASURES, AND LIMIT OF DISTURBANCE EVERY DAY AND WITHIN 24 HOURS AFTER EVERY RAINFALL THAT PRODUCES RUNOFF, AS WELL AS WITHIN 24 HOURS OF ALL TIDAL OR COASTAL EVENTS BEYOND THOSE CONSIDERED NORMAL.
 - 3.4. MAINTAIN AND/OR REPLACE ALL EROSION AND SEDIMENT CONTROL, AND LIMIT OF DISTURBANCE MEASURES AS REQUIRED TO ASSURE PROPER FUNCTION.
 - 3.5. CONTRACTOR SHALL IMMEDIATELY REPAIR ANY AND ALL BREACHES IN SEDIMENT CONTROLS.
 - 3.6. CLEARING FOR AND INSTALLATION OF THE REQUIRED SEDIMENT CONTROL MEASURES SHALL BE COMPLETED AND INSPECTED PRIOR TO COMMENCING ANY OTHER LAND-DISTURBING ACTIVITY.

OPERATIONS PLAN

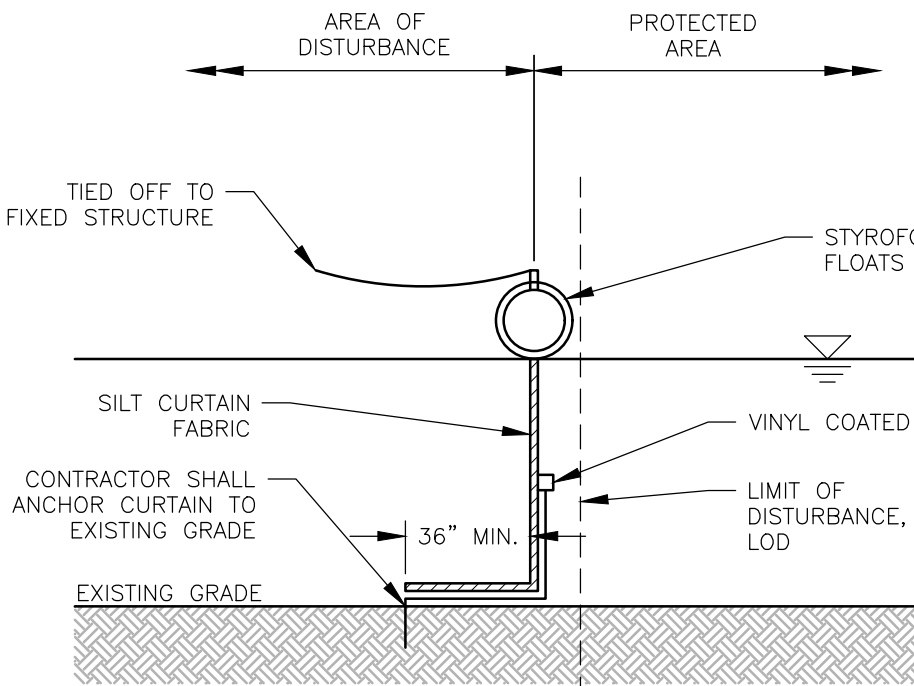
1. CONSTRUCTION ACCESS SHALL BE FROM CRAWFORD ALLEN HOSPITAL ROAD, EXITING INTO THE PARKING LOT FOR THE FRANCISCAN APOSTOLIC SISTERS CHURCH, AND TRAVELING ALONG THE WESTERN THEN SOUTHERN SIDES OF THE CHURCH TO AN EXISTING FIRE PATH THE PROJECT AREA. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE WRITTEN ACCESS AGREEMENT WITH LEGAL ADJUTING PROPERTY OWNER.
2. IMPERVIOUS MATS OR OTHER SURFACE PROTECTION COORDINATED WITH THE OWNER SHALL BE PLACED OVER ANY GOLF COURSE AREAS SUBJECT TO CONSTRUCTION TRAFFIC TO PROTECT EXISTING SURFACES BEFORE START OF CONSTRUCTION.
3. TURBIDITY BARRIERS SHALL BE PLACED ON THE DOWN GRADIENT SIDE OF THE PROPOSED WORK.
4. EQUIPMENT USED SHALL BE STANDARD EXCAVATION EQUIPMENT. EQUIPMENT SHALL GENERALLY CONSIST OF AN EXCAVATOR WITH GRAPPLE AND BUCKET AND DUMP TRUCKS. EXACT EQUIPMENT SHALL BE COORDINATED BY THE CONTRACTOR.

TABLE 1: DATUMS AND BENCHMARK ELEVATIONS

BENCHMARK	ELEVATION (NAVD 88)	ELEVATION (MLLW)
100 YEAR BASE FLOOD ELEVATION*	17.00	19.24
100 YEAR STILLWATER ELEVATION	12.10	14.34
50 YEAR STILLWATER ELEVATION	9.50	11.74
10 YEAR STILLWATER ELEVATION	6.10	8.34
HIGH TIDE LINE (HTL) - ACOE JURISDICTION	3.10	5.34
MEAN HIGHER HIGH WATER (MHHW)	1.87	4.11
MEAN HIGH WATER (MHW)	1.62	3.86
NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)	0.00	2.24
MEAN LOW WATER (MLW)	-2.08	0.16
MEAN LOWER LOW WATER (MLLW)	-2.24	0.00

- NOTES:
1. FEMA BENCHMARKS, BASE FLOOD ELEVATIONS, AND STILLWATER ELEVATIONS WERE OBTAINED FROM TRANSECT 66 WITHIN FEMA FLOOD INSURANCE STUDY (FIS) FOR WASHINGTON COUNTY DATED JULY 19, 2023.
 2. ELEVATIONS ABOVE DENOTED WITH A "*" INCLUDE WAVE ACTION - ALL OTHER ELEVATIONS DO NOT.
 3. NOAA TIDAL BENCHMARKS OBTAINED FROM LOCAL TIDE GAUGE (STATION #8454049) LOCATED AT QUONSET POINT.
 4. ALL ELEVATIONS ARE REPORTED IN FEET.

* ALL ELEVATIONS ON THE SITE PLANS REFER TO NAVD 88

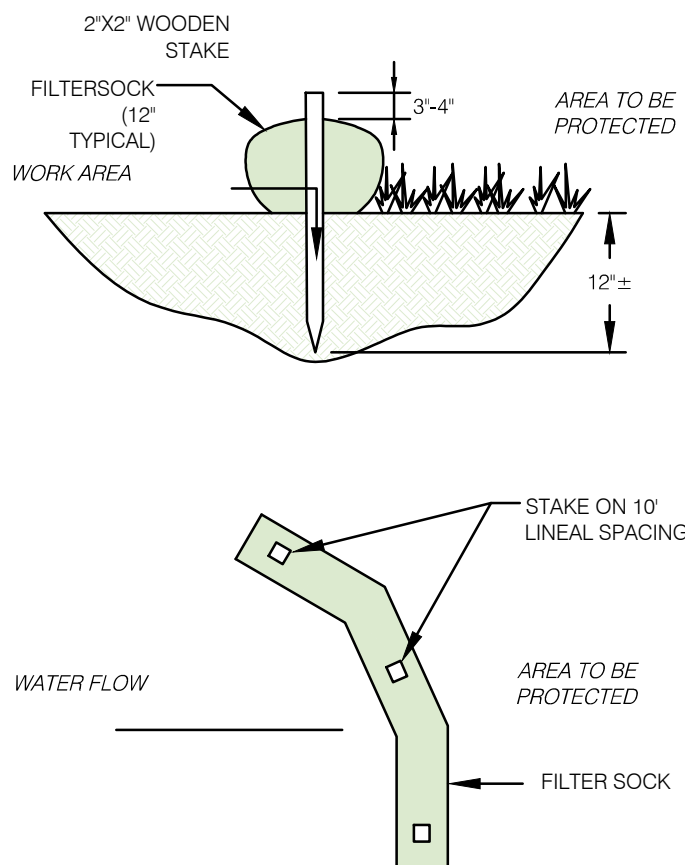


- NOTES:
1. REQUIRED DEPTH OF CURTAIN MAY VARY

TURBIDITY BARRIER DETAIL

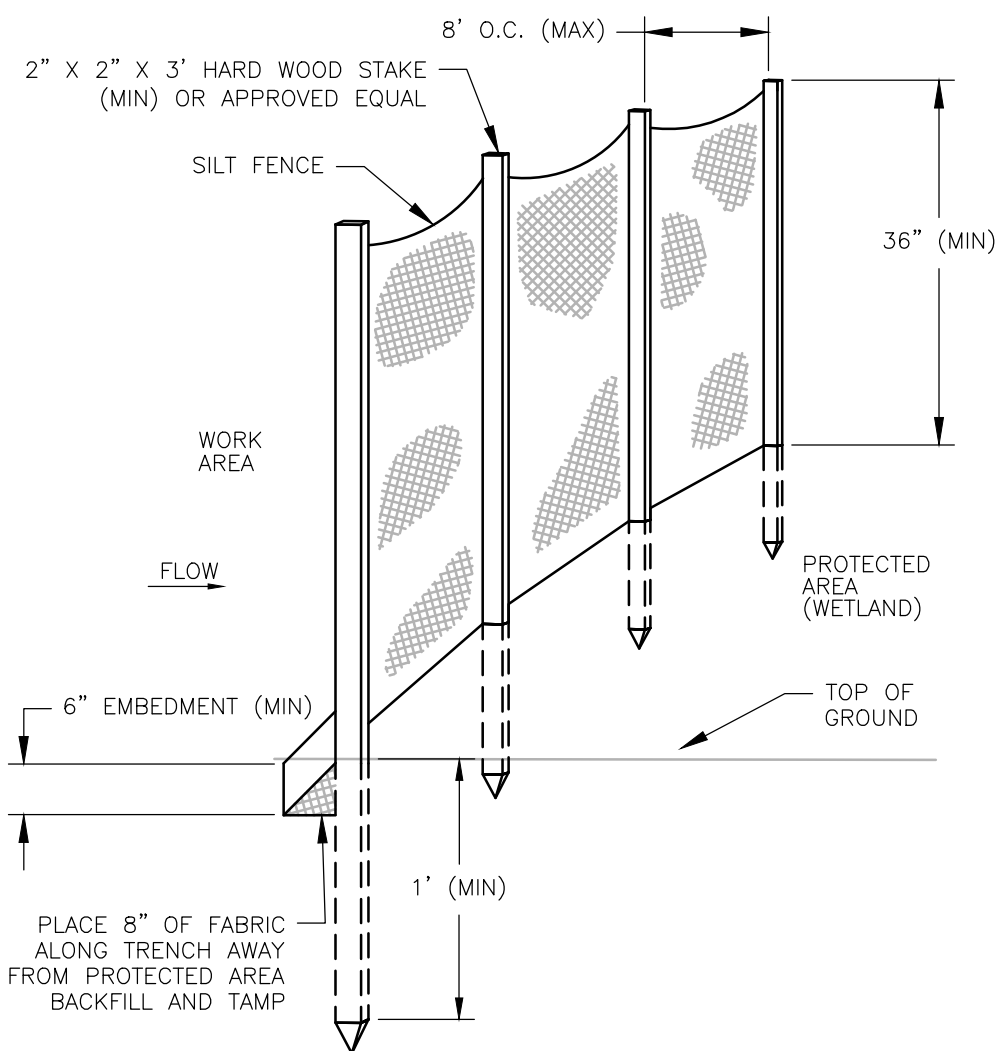
CA-BC-006

- NOTES:
1. CURTAIN AND ANCHOR MUST RESIST EXPECTED WIND, WAVE, AND CURRENT ENVIRONMENTS AT THE SITE. CONTRACTOR TO SUBMIT PROPOSED WEIGHTED TURBIDITY CURTAIN FOR REVIEW/APPROVAL. THE WORK IS ANTICIPATED TO BE COMPLETED IN SECTIONS.
 2. THE CONTRACTOR SHALL CONFINE THE WORK AREA WITH SEDIMENT AND EROSION CONTROL MEASURES AS NECESSARY TO COMPLETE THE WORK AND IN ACCORDANCE WITH REGULATORY AUTHORIZATIONS.



HIGH DENSITY MARINE WATTLE DETAIL

NOT TO SCALE



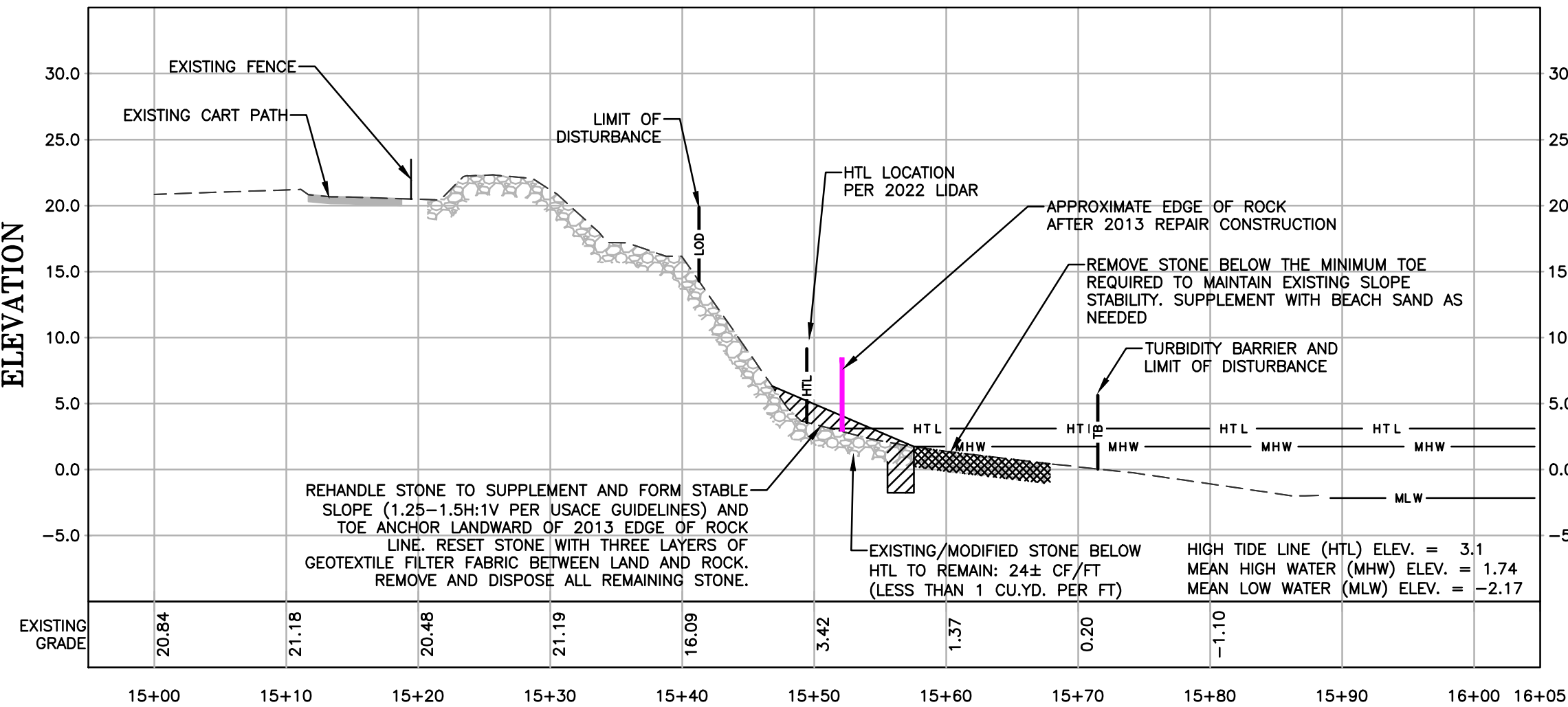
- NOTES:
1. SILT FENCE SHALL BE LOCATED AT 10' FROM TOE OF SLOPE FOR MAINTENANCE.
 2. 8' WITH WIRE OR 6' WITHOUT WIRE (MAX).
 3. WIRE FENCING - 6' MESH OPENING (MAX) AND 14 GAUGE (MIN).
 4. MAINTAIN UNTIL UP-GRADIENT AREAS HAVE BEEN PERMANENTLY STABILIZED.

SILT FENCE

CA-BC-001



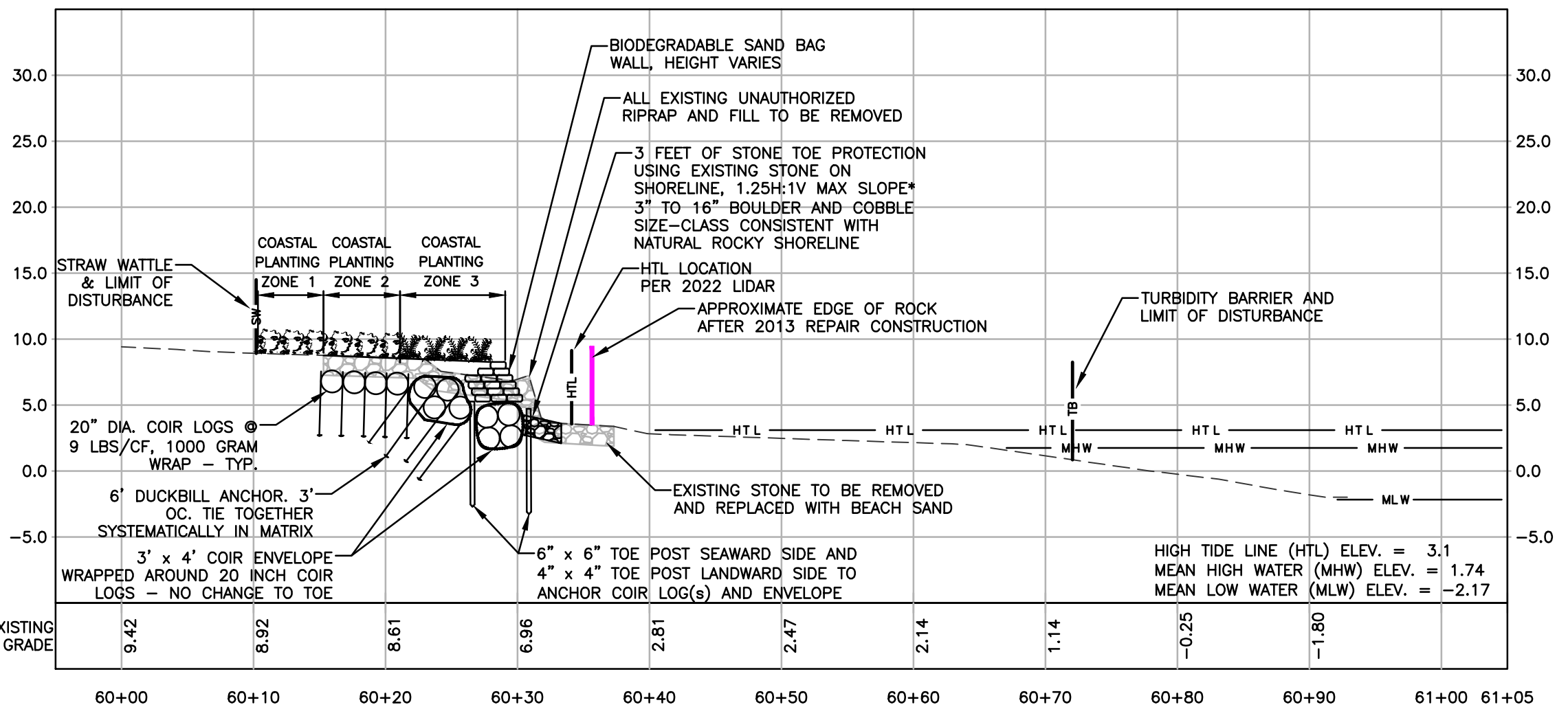
CONSTRUCTION ACCESS MAP



PROFILE 1A

HORIZ. SCALE: 1" = 10'

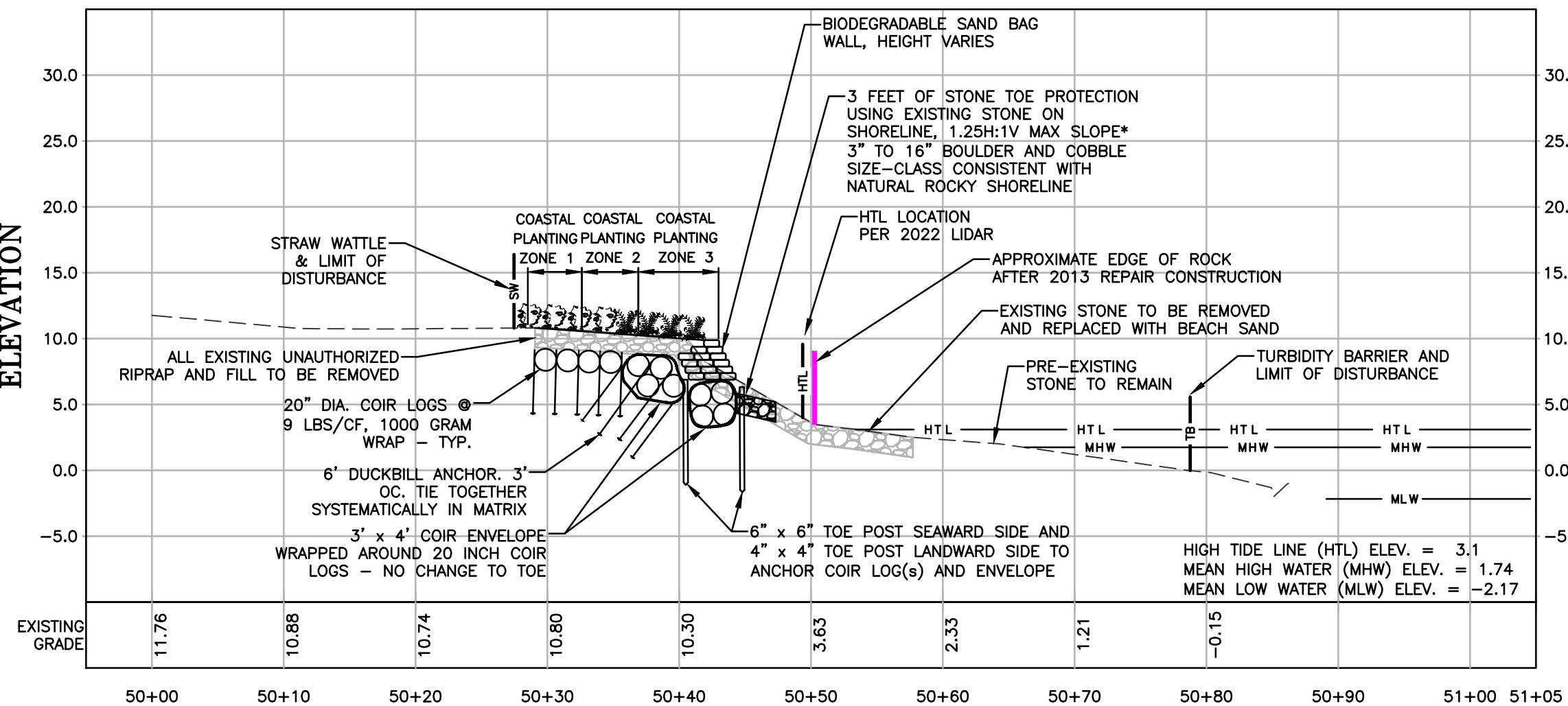
VERT. SCALE: 1" = 10'



PROFILE 6

HORIZ. SCALE: 1" = 10'

VERT. SCALE: 1" = 10'



PROFILE 5

HORIZ. SCALE: 1" = 10'

VERT. SCALE: 1" = 10'

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P.O. Box 513
Westfield, RI 02891
Tel: 401.596.7747
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POSSIBLE PLANTINGS PER CRMC'S PLANT LIST

- ZONE 1:
- TREES - BLACK CHERRY (PRUNUS SEROTINA), SHADBUSH (AMELANCHIER CANADENSIS), NORTHERN ARROWWOOD (VIBURNUM DENTATUM)
 - SHRUBS - Highbush Blueberry (VACCINIUM CORYMBOSUM), NORTHERN BAYBERRY (MORELLA PENSYLVANICA), WILD ROSE (ROSA VIRGINIANA), INKBERY (ILEX GLABRA)
 - HERBS - SEASIDE GOLDENROD (SOLIDAGO SEMPERVIRENS), SWITCHGRASS (PANICUM VIRGATUM)

- ZONE 2:
- SHRUBS - Highbush Blueberry (VACCINIUM CORYMBOSUM), NORTHERN BAYBERRY (MORELLA PENSYLVANICA), WILD ROSE (ROSA VIRGINIANA)

- HERBS - SEASIDE GOLDENROD (SOLIDAGO SEMPERVIRENS), BEACH GRASS (AMMOPHILA BREVIGULATA), NEW ENGLAND COASTAL SALT TOLERANT GRASS MIX

- ZONE 3:
- SHRUBS - NORTHERN BAYBERRY (MORELLA PENSYLVANICA), WILD ROSE (ROSA VIRGINIANA)

- HERBS - BEACH GRASS (AMMOPHILA BREVIGULATA), NEW ENGLAND COASTAL SALT TOLERANT GRASS MIX

PLANTING DENSITY:

- TREES - 12' ON CENTER, 1" CALIPER (20# CONTAINER OR LARGER)

- SHRUBS - 6' ON CENTER, 5# CONTAINER

- HERBS - PLUGS 3' ON CENTER OR 1# CONTAINER, 1' ON CENTER

FOR ALL PLANTINGS: OTHER THAN INKBERY "HEDGEROW", CLUSTER SAME SPECIES IN GROUPS. THE HEDGEROW WILL BE A CONTINUOUS LINE OF INKBERY ALONG THE COURSE SIDE OF THE RESTORATION, MAINTAINED AT 3 TO 5 FEET HIGH. APPLY A ONE-TIME APPLICATION OF 1 TO 2 INCHES OF NON-DYED, SHREDDED HARDWOOD AND/OR LIGHTLY STREWN HAY MULCH AROUND PLANTINGS.



PLAN REVISIONS

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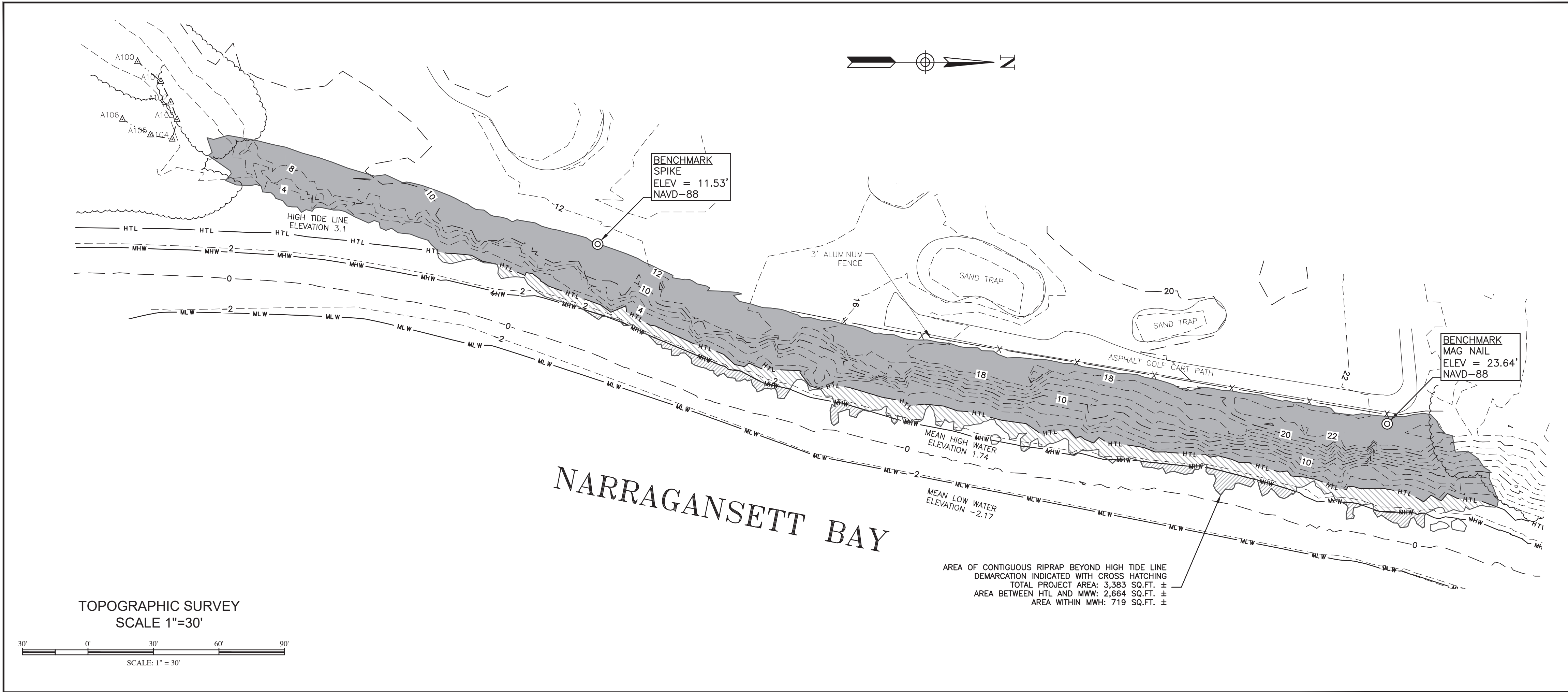
DETAILS

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QUIDNESSETT COUNTRY CLUB
950 NORTH QUIDNESSETT ROAD
PLAT 167 LOT 2
NORTH KINGSTOWN, RHODE ISLAND

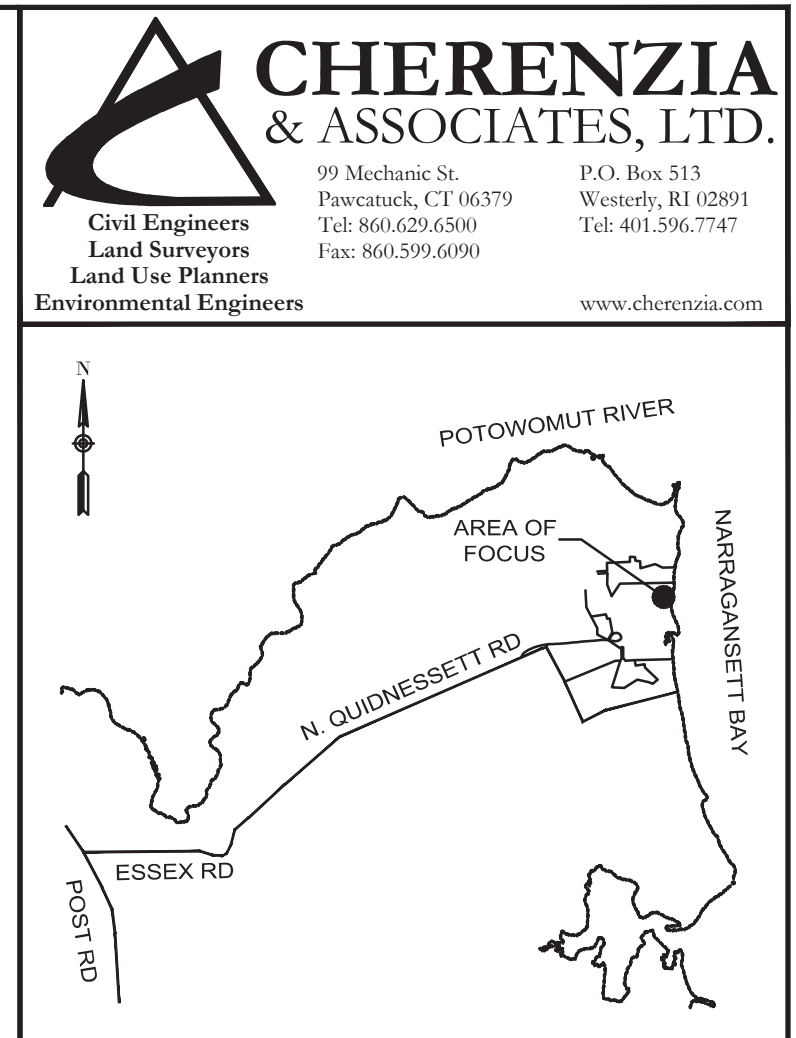
PREPARED FOR
QUIDNESSETT COUNTRY CLUB INC.



C-2



- LEGEND**
- 10' — MAJOR CONTOUR — 10' INTERVAL
 - - - 4 - - MINOR CONTOUR — 2' INTERVAL
 - X - FENCE LINE
 - ~~~~~ EDGE OF VEGETATION
 - MLW — MEAN LOW WATER
 - MHW — MEAN HIGH WATER
 - HTL — HIGH TIDE LINE
 - . . - DELINEATED WETLAND
 - ▨ RIPRAP (GRAPHICAL REPRESENTATION)
 - ▲ A103 WETLAND DELINEATION FLAG



LOCATION MAP



- NOTES:**
- ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88). VERTICAL CONTROL DERIVED FROM GNSS OBSERVATIONS UTILIZING THE CTDOT ACORN RTK NETWORK WITH CORS ID REFERENCE "URIL", KINGSTON, RI. & GEOID MODEL GEOID18.
 - LIMITS OF FIELD TOPOGRAPHY SHOWN HEREON REPRESENTS INFORMATION GATHERED FROM FIELD SURVEYS CONDUCTED BY CHERENZIA & ASSOCIATES, LTD ON 05/14/24, 06/03/24, 07/17/24.
 - SOURCE OF MEASUREMENT DATA IS BASED UPON CONVENTIONAL FIELD SURVEYING, GNSS OBSERVATIONS, AND THE USE OF UNMANNED AERIAL SYSTEMS LIDAR EQUIPPED WITH A HESAI PANDAR XT32 SCANNER.
 - MEAN HIGH WATER AND MEAN LOW WATER ELEVATIONS WERE INTERPOLATED FROM NOAA TIDAL STATIONS 8454049 (QUONSET POINT) AND 8454578 (EAST GREENWICH) TIDAL EPIC 1983-2001. HIGH TIDE ELEVATION (3.1 FEET), REPRESENT THE PREDICTED HIGHEST TIDE OF THE 2024 CALENDAR YEAR, 10/18/2024, BASED ON PREDICTED TIDE ELEVATIONS FOR STATION QUONSET, PUBLISHED BY THE NOAA.

CERTIFICATION:

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

TYPE OF SURVEY:
MEASUREMENT SPECIFICATION:
DATA ACCUMULATION-PLANIMETRICS
TOPOGRAPHY

CLASS III
CLASS T-2

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS TO SHOW EXISTING CONDITIONS OF THE SEAWALL SHOWN HEREON.

BY: Mark A. Castellanos
PLS SIGNATURE
MARK A. CASTELLANOS PLS #2511
PRINTED PLS NAME & LICENSE NO.
LS.000A133-COA

PLAN REVISIONS				
REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	7-3-24	HIGH TIDE LINE, WETLAND	MC	MC
1	7-23-24	UPDATED TOPOGRAPHY	JF	MC

SCALE: 1"=20'
CA JOB #224031
DATE: JUNE 7, 2024

DRAWN BY: JF
CHECKED BY: MAC

EXISTING CONDITIONS PLAN

DATA ACCUMULATION SURVEY

980 NORTH QUIDNESSETT ROAD
PLAT 167 LOT 2
NORTH KINGSTOWN, RHODE ISLAND

PREPARED FOR
QUIDNESSETT COUNTRY CLUB

MARK A. CASTELLANOS
No. 2511
PROFESSIONAL
LAND SURVEYOR

SV-1
SHEET 1 OF 1