



State of Rhode Island
Coastal Resources Management Council
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 3
Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-2069

PUBLIC NOTICE

File Number: 2025-09-101 Date: October 31, 2025

This office has under consideration the application of:

Bruce H Moeckel 2015 Rev. Fam. Trst.
c/o Carol Moeckel
585 Atlantic Avenue
Westerly, RI 02891

for a State of Rhode Island Assent to construct and maintain: a structural shoreline protection facility on a 50ft unprotected section of the property. This facility is considered an “infill” on manmade shoreline on Type 1 Waters.

Project Location:	585 Atlantic Avenue
City/Town:	Westerly
Plat/Lot:	156 / 12
Waterway:	Block Island Sound

Plans of the proposed work can be requested at Cstaff1@crmc.ri.gov.

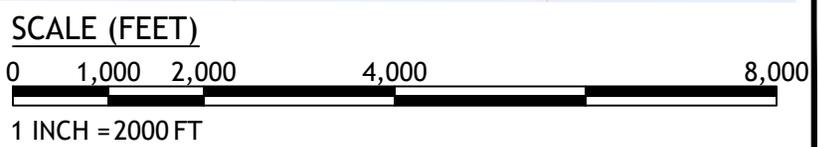
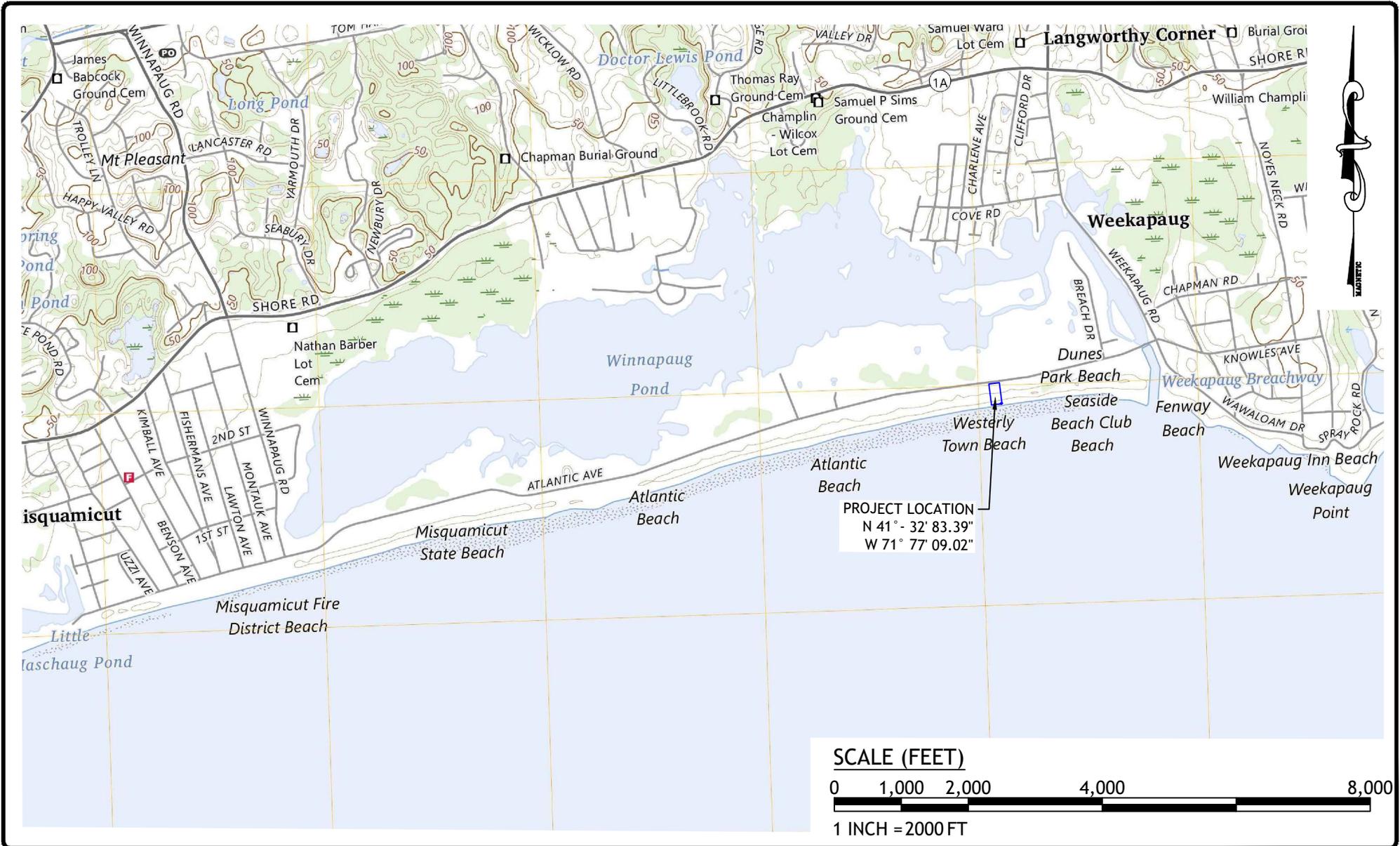
In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before November 30, 2025.

Please email your comments/hearing requests to: cstaff1@crmc.ri.gov; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/bms



PRELIMINARY, NOT FOR CONSTRUCTION

USGS MAP

SHEET 1 OF 1

REVISIONS:	NO.	DATE	DESCRIPTION

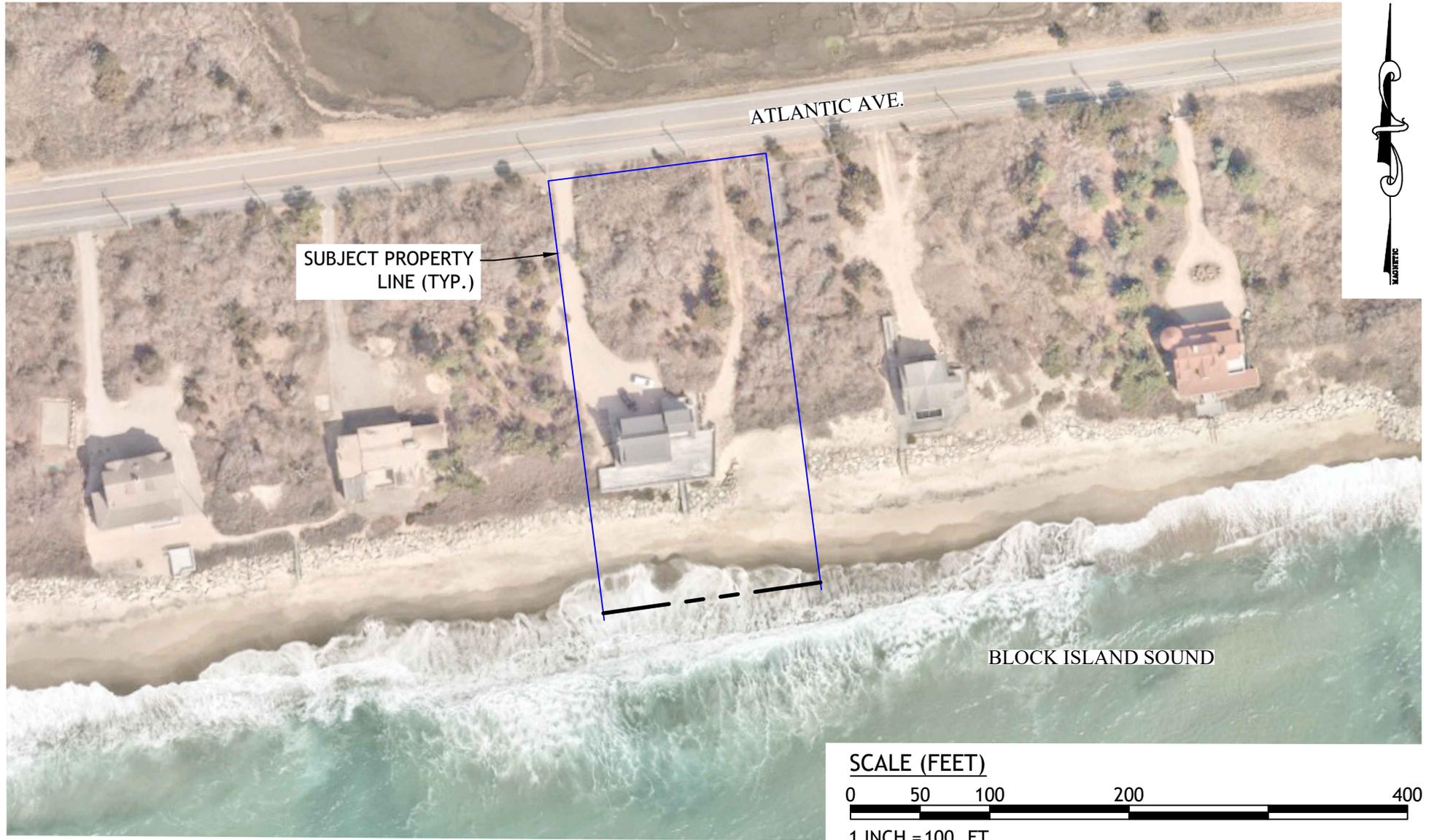
DESIGNED BY:	DRD
DRAWN BY:	SEP
CHECKED BY:	JAC
DATE:	SEPT 2025
PROJECT NO.:	25-65

PROPOSED SHORELINE PROTECTION
 585 ATLANTIC AVENUE
 WESTERLY, RHODE ISLAND
 AP 156, LOT 12

RECEIVED
 9/24/2025
 COASTAL RESOURCES
 MANAGEMENT COUNCIL

JCE

JOE CASALI ENGINEERING, INC.
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 300 POST ROAD, WARWICK, RI 02888
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AERIAL MAP

SHEET 1 OF 1

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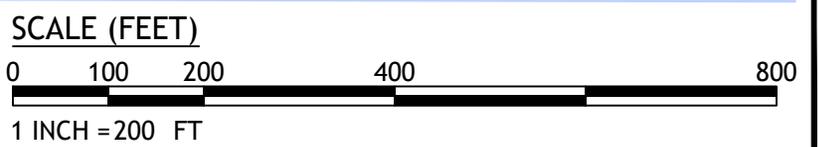
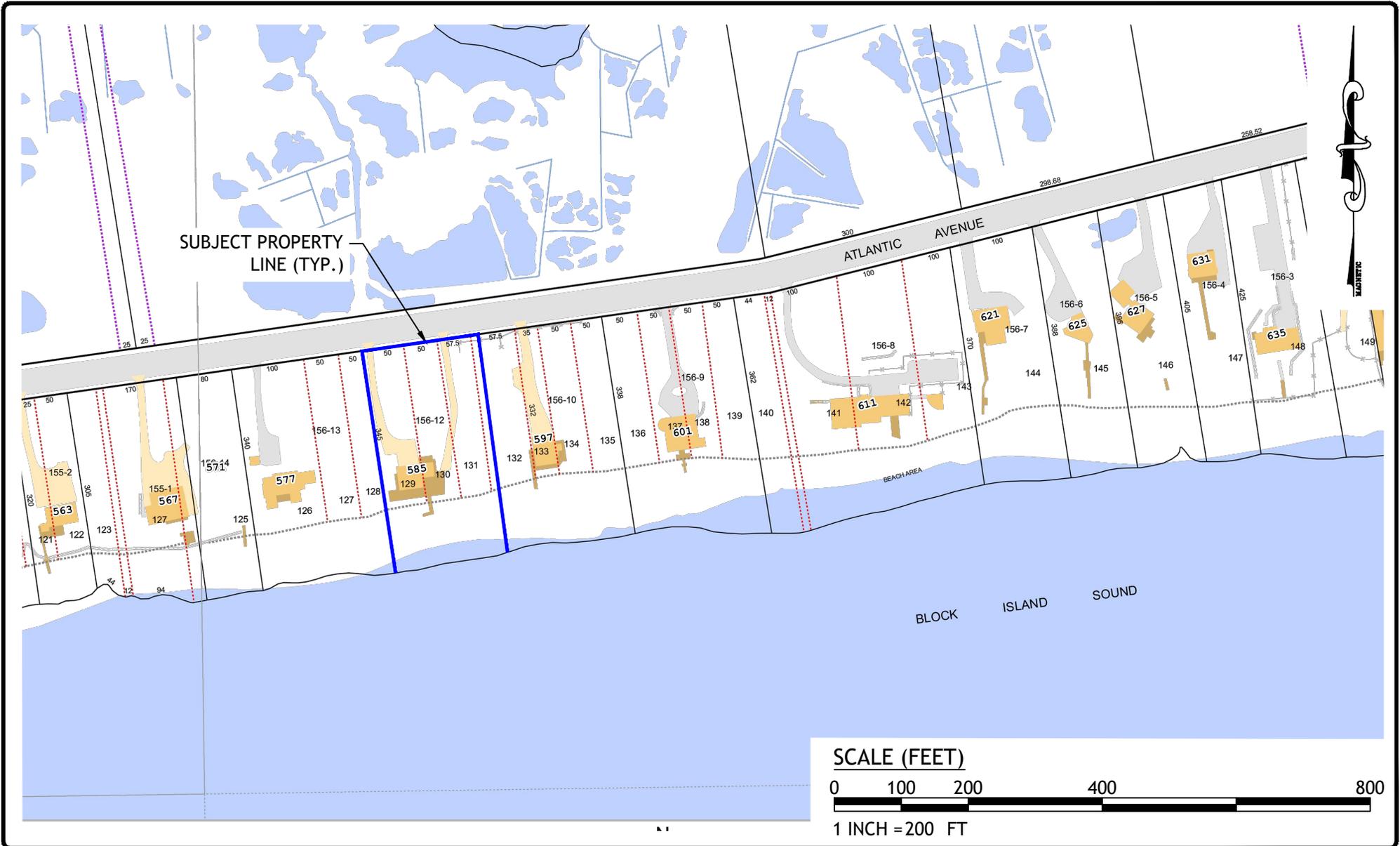
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PROPOSED SHORELINE PROTECTION
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PORTION OF ASSESSOR'S PLAT MAP 156

SHEET 1 OF 1

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PROPOSED SHORELINE PROTECTION
 585 ATLANTIC AVENUE
 WESTERLY, RHODE ISLAND
 AP 156, LOT 12

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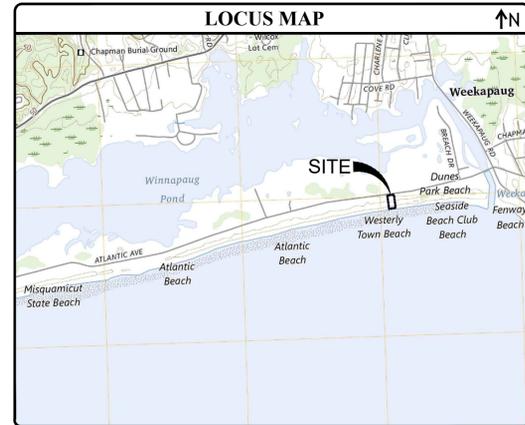
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SITE IMPROVEMENT PLANS for PROPOSED

INFILL SHORELINE PROTECTION

585 ATLANTIC AVENUE
WESTERLY, RHODE ISLAND
AP 156, LOT 12

ZONING DISTRICT: HDR-10 HIGH DENSITY RESIDENTIAL



OWNER/APPLICANT	CIVIL ENGINEER	SURVEYOR
BRUCE H MOECKEL 2015 REV FAM TRUST C/O CAROL MOECKEL P.O. BOX 30151 SEA ISLAND, GA 31561	JOE CASALI ENGINEERING, INC. 300 POST ROAD WARWICK, RI 02888 (401) 944-1300 phone (401) 944-1313 fax	CHERENZIA & ASSOCIATES, LTD 99 MECHANIC STREET PAWCATUCK, CT 06379 46 SUTTON AVENUE WARWICK, RI 02888 (401) 860-6500 phone

- GENERAL NOTES:**
- CLASS I COMPREHENSIVE BOUNDARY AND PARTIAL CLASS III TOPOGRAPHIC/EXISTING CONDITIONS SURVEY COMPLETED BY CHERENZIA & ASSOCIATES, LTD., 99 MECHANIC STREET, PAWCATUCK, CT 06379 IN JUNE 2024 (SEE REFERENCE PLAN 1).
 - THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL UTILITY COMPANIES AND/OR TOWN STAKEHOLDERS, WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK, TO BE PERFORMED BY THE CONTRACTOR, ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
 - ALL ELEVATIONS REFERENCE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE HORIZONTAL DATUM FOR THIS PROJECT IS RHODE ISLAND STATE PLANE COORDINATE SYSTEM (NAD 83).
 - THIS SITE LIES WITHIN FEMA FLOOD HAZARD ZONE VE (BFE 15) AND AE (BFE 13), AS DESIGNATED ON THE "NATIONAL FLOOD INSURANCE PROGRAM, FIRM FLOOD INSURANCE RATE MAP, WASHINGTON COUNTY, RHODE ISLAND (ALL JURISDICTIONS) PANEL 259 OF 368, TOWN OF WESTERLY, MAP NO. 445410, PANEL NO. 0259, SUFFIX J, MAP REVISED OCTOBER 16, 2013. FEDERAL EMERGENCY MANAGEMENT AGENCY.
 - SOILS EXISTING ON THE SITE CONSIST OF SUCCOTASH SAND, 0-3% SLOPES (SHA), HOOKSAN SAND, 3-8% SLOPES (Hsb) AND BEACHES, SAND (Ba).

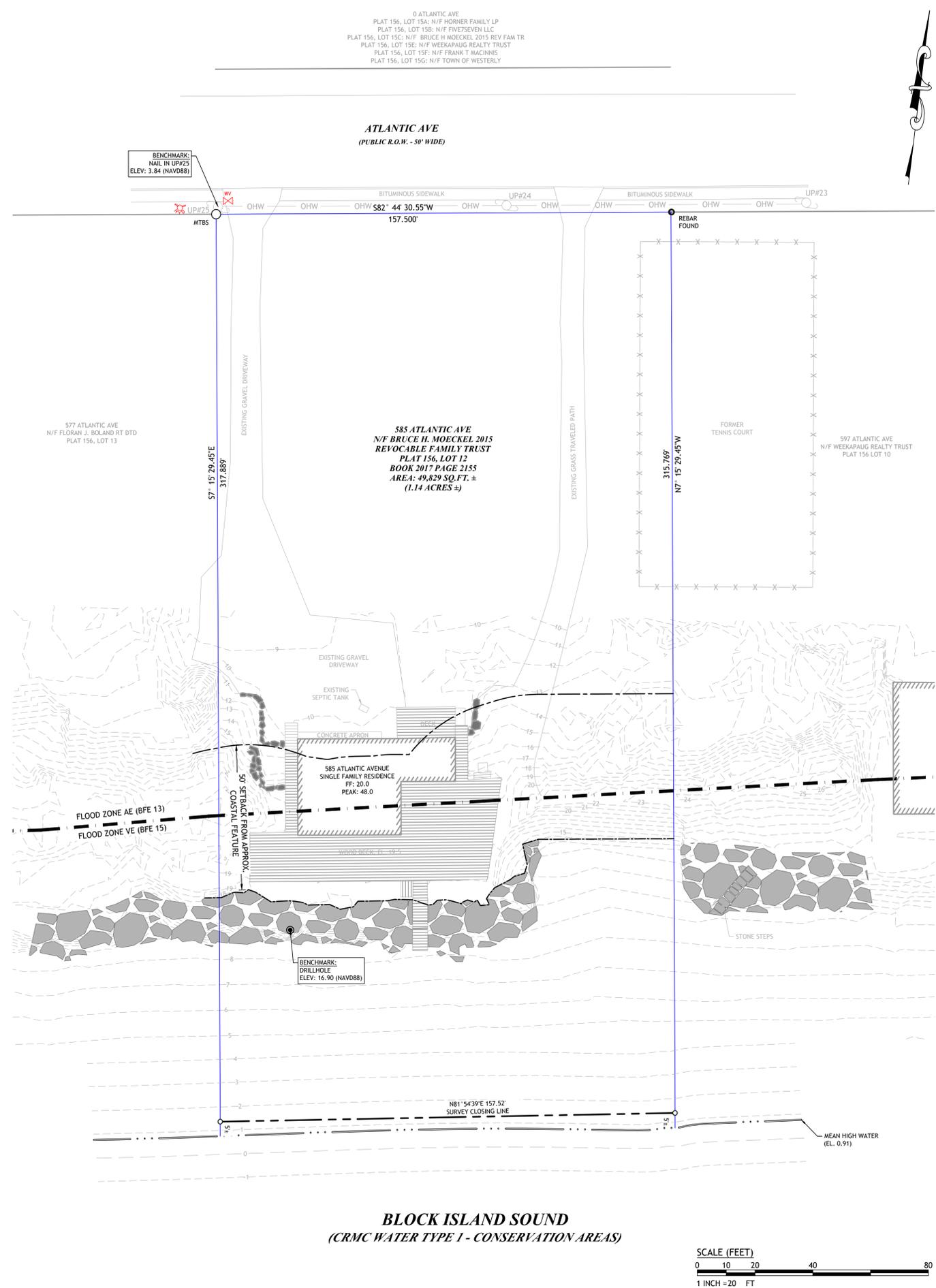
LEGEND:

- EXISTING PROPERTY LINE
- WETLAND EDGE
- WF-B8 WETLAND FLAG
- 50' PERIMETER WETLAND
- 100' RIVERBANK WETLAND
- EXISTING EASEMENT
- 163.Bx EXISTING SPOT ELEVATION
- 100 EXISTING CONTOUR
- FLOOD PROPOSED CONTOUR
- EXISTING STONE WALL
- EXISTING CURB
- PROPOSED CURB
- EXISTING FENCE
- EXISTING DRAIN LINE
- PROPOSED DRAIN LINE
- EXISTING DRAINAGE MANHOLE
- PROPOSED DRAINAGE MANHOLE
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- UP#T2 EXISTING UTILITY POLE
- W EXISTING WATER LINE
- WG WATER GATE
- N/F NOW OR FORMERLY
- TREELINE
- SILT FENCE/STRAW WATTLE
- LOD LIMIT OF DISTURBANCE

TABLE 1: TIDAL AND STORM SURGE BENCHMARKS

BENCHMARK	ELEVATION (FT-NAVD88)
MEAN LOW WATER (MLW)	-1.66 ⁽¹⁾
MEAN HIGH WATER (MHW)	0.91 ⁽¹⁾
10-YEAR STILLWATER EL.	5.1 ⁽²⁾
50-YEAR STILLWATER EL.	7.9 ⁽²⁾
100-YEAR STILLWATER EL.	10.0 ⁽²⁾

- NOTES:**
- TIDAL BENCHMARKS OBTAINED CLASS I COMPREHENSIVE BOUNDARY AND PARTIAL CLASS III TOPOGRAPHIC/EXISTING CONDITIONS SURVEY COMPLETED BY CHERENZIA & ASSOCIATES, LTD., 99 MECHANIC STREET, PAWCATUCK, CT 06379 IN JUNE 2024 (SEE REFERENCE PLAN 1).
 - STORM SURGE ELEVATIONS OBTAINED FROM FLOOD INSURANCE STUDY, FEDERAL EMERGENCY MANAGEMENT AGENCY, WASHINGTON COUNTY, RHODE ISLAND, FLOOD INSURANCE STUDY NUMBER 44009CV01D, DATED JULY 19, 2023.

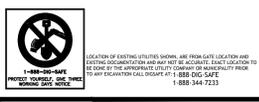


INDEX OF DRAWINGS

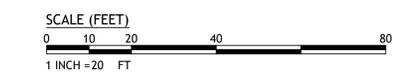
SHEET NO.	PLAN
1	OVERALL EXISTING CONDITIONS PLAN
2	SITE PREPARATION PLAN
3	PROPOSED REVETMENT PLAN

REFERENCE PLAN

1 & 2 of 2 LIMITED CONTENT BOUNDARY & TOPOGRAPHIC SURVEY, PREPARED BY CHERENZIA & ASSOCIATES, LTD., JUNE 2024.



BLOCK ISLAND SOUND
(CRMC WATER TYPE 1 - CONSERVATION AREAS)



JCE
JOE CASALI ENGINEERING, INC.
CIVIL ENGINEERING, SURVEYING, TOPOGRAPHIC ENGINEERING
DRAINAGE - WETLANDS - EROSION CONTROL - SITE DEVELOPMENT
300 POST ROAD, WARWICK, RI 02888
(401) 944-1300 (401) 944-1313 FAX WWW.JOECASALI.COM

JOSEPH A. CASALI
No. 7250
REGISTERED PROFESSIONAL ENGINEER
09/15/2025

PROPOSED INFILL SHORELINE PROTECTION
585 ATLANTIC AVENUE
WESTERLY, RHODE ISLAND
AP 156, LOT 12

REVISIONS:

NO.	DATE	DESCRIPTION
1	9/24/2025	RECEIVED COASTAL RESOURCES MANAGEMENT COUNCIL

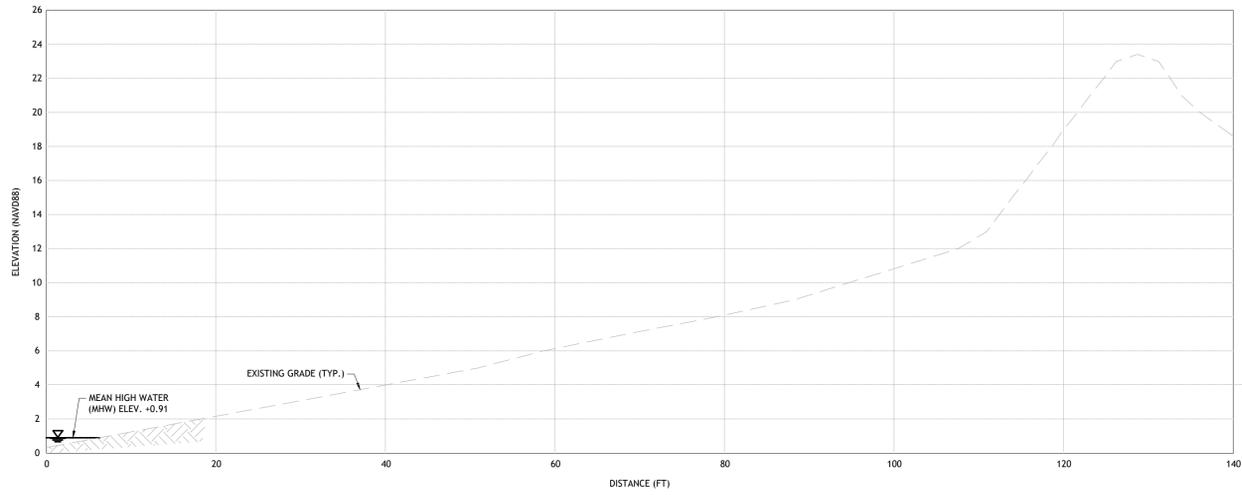
DESIGNED BY: DRD
DRAWN BY: SEP
CHECKED BY: JAC
DATE: AUG. 2025
PROJECT NO: 25-65

PRELIMINARY, NOT FOR CONSTRUCTION

OVERALL EXISTING CONDITIONS PLAN

SHEET 1 OF 3

C:\25-65-Casali-Moeckel\A\585 Atlantic Ave [Working Plan].dwg Sep. 15, 2025 9:54am



EXISTING SHORELINE CROSS SECTION A-A
 HORIZONTAL: 1" = 10'
 VERTICAL: 1" = 5'

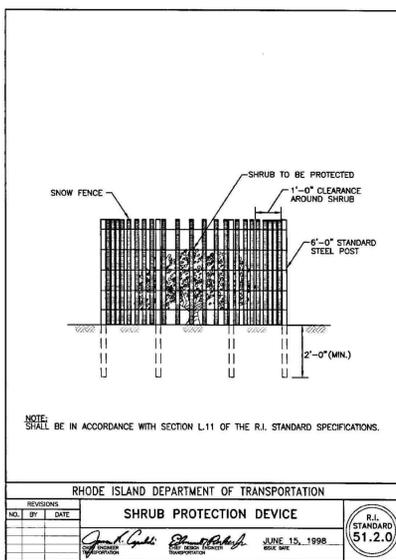
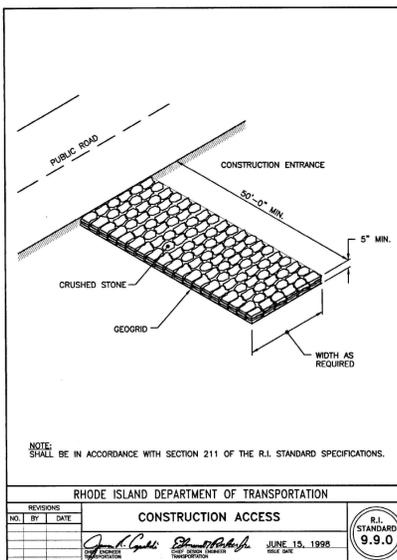
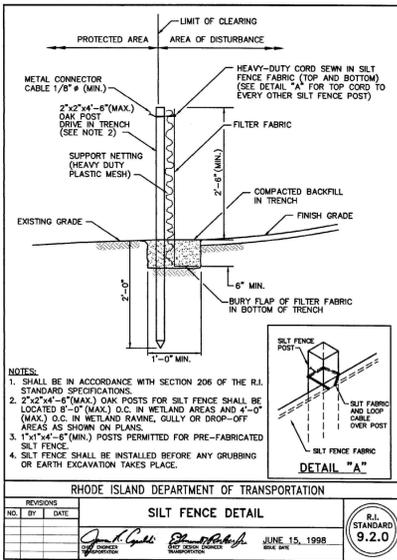
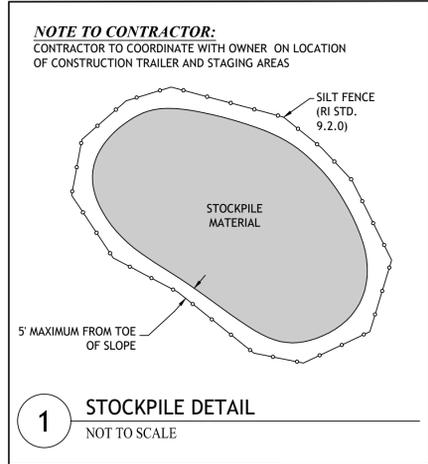
SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

1. THE SILT FENCE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT.
2. THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.
3. ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STANDING OF VEGETATION IS MAINTAINED.
4. ALL SILT FENCE, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
5. STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.
6. THE SILT FENCE/HAYBALES SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY SILT FENCE/HAYBALES AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE HAY-BALES BECOMES FILLED WITH SEDIMENTS.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER, TOWN ENGINEER, OR OWNER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.
8. ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993 AMENDED 2014.

SEQUENCE & STAGING OF PROPOSED CONSTRUCTION ACTIVITIES:

THIS IS A GENERAL SEQUENCE AND STAGING OF CONSTRUCTION ACTIVITIES. A DETAILED SEQUENCE WITH TIME LINES SHALL BE ESTABLISHED BY THE CONTRACTOR IN COORDINATION WITH THE OWNER AND ENGINEER PRIOR TO THE START OF CONSTRUCTION.

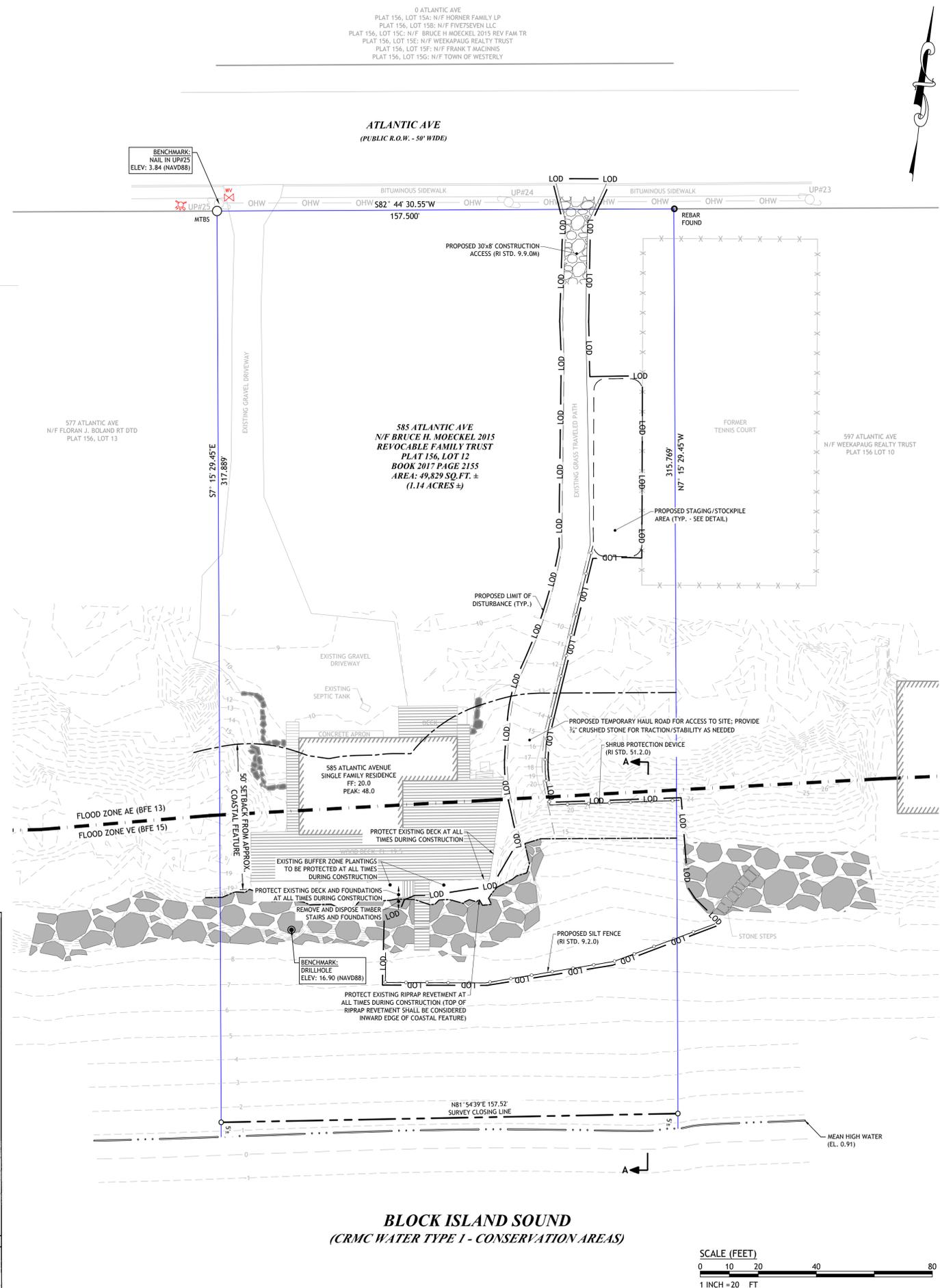
1. PLACE SEDIMENTATION BARRIERS (SILT FENCE) AS SHOWN ON THE PLANS AND AS STAKED OUT IN THE FIELD. IN NO CASE IS THE LIMIT OF WORK TO EXTEND BEYOND THE SEDIMENTATION BARRIERS.
2. BEGIN SITE WORK (CLEARING AND GRUBBING, EXCAVATING AND GRADING ETC.). ANY TOPSOIL IS TO BE STRIPPED AND STOCKPILED WITHIN DISTURBANCE LIMITS. THE STOCKPILES ARE TO BE PROTECTED BY A ROW OF SEDIMENTATION BARRIERS. STOCKPILES TO BE COVERED OR TEMPORARILY SEEDED.
3. PERFORM DEMOLITION AS DEPICTED ON THE SITE PREPARATION PLAN. DIVERT ALL STORMWATER RUNOFF AWAY FROM DISTURBED AREAS.
4. BEGIN PROPOSED GRADING; BRING RELEVANT TO BOTTOM OF BEDDING LAYER.
5. INSTALL GEOTEXTILE FILTER FABRIC, STONE BEDDING AND ARMOR STONE.
6. INSTALL ADDITIONAL DUNE SAND.
7. MAINTAIN SEDIMENT AND EROSION CONTROLS THROUGHOUT CONSTRUCTION, UNTIL PERMANENT STABILIZATION IS ACHIEVED.
8. FINISH LANDSCAPING AND PERMANENT STABILIZATION.
9. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ONCE VEGETATION HAS BEEN ESTABLISHED TO ALL DISTURBED AREAS.



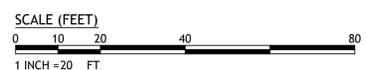
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NO.	BY	DATE	DESCRIPTION
1	JAC	JUNE 15, 1998	ISSUED FOR PERMIT

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1	JAC	JUNE 15, 1998	ISSUED FOR PERMIT



BLOCK ISLAND SOUND
 (CRMC WATER TYPE 1 - CONSERVATION AREAS)



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 CIVIL ENGINEER - LICENSE NO. 7250
 DRAINAGE - 300 POST ROAD, WARWICK, RI 02888
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JOSEPH A. CASALI
 No. 7250
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 09/15/2025

PROPOSED INFILL SHORELINE PROTECTION
 585 ATLANTIC AVENUE
 WESTERLY, RHODE ISLAND
 AP 156, LOT 12

REVISIONS:

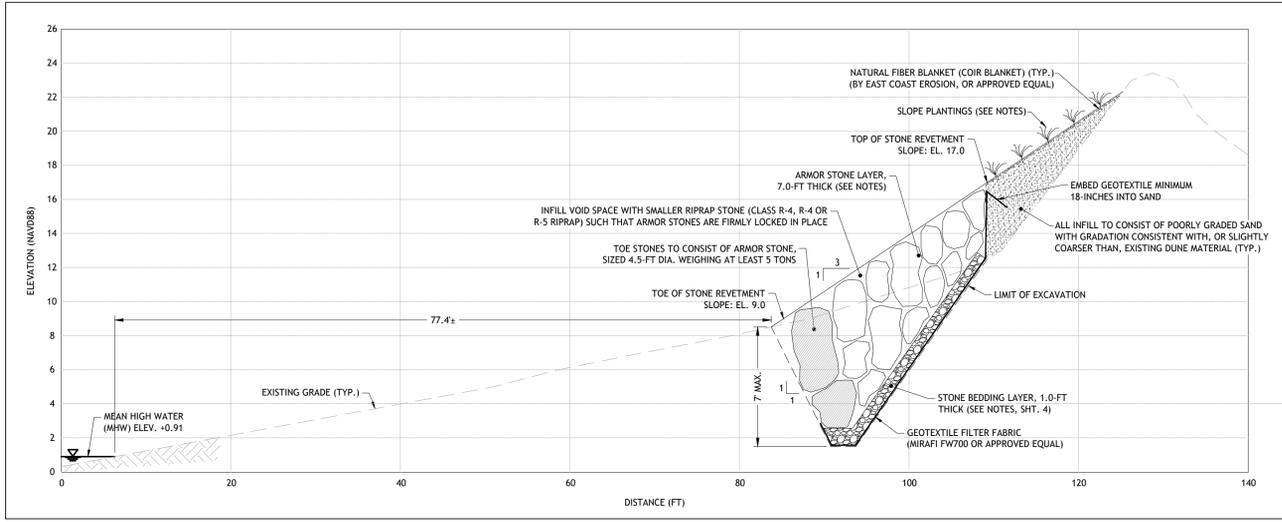
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SITE PREPARATION PLAN

SHEET 2 OF 3



PROPOSED SHORELINE CROSS SECTION B-B
 HORIZONTAL: 1" = 5'
 VERTICAL: 1" = 5'

LOADING & SEEDING NOTES:

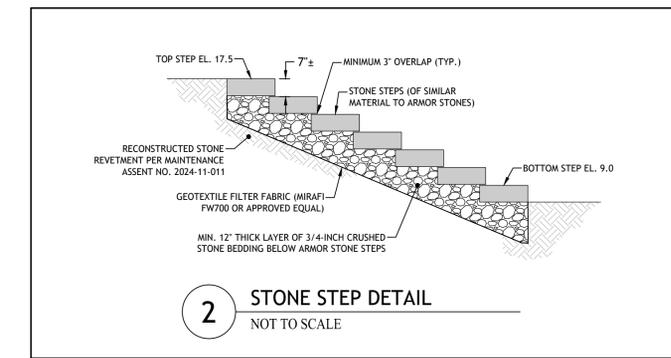
- SEEDING ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH SECTION L.02 SEEDING OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2010 EDITION (WITH LATEST ADDENDA).
- AFTER ROUGH GRADING IS COMPLETED, ALL DISTURBED AREAS AND AREAS LABELED AS 'LOAM AND SEED' ARE TO BE BROUGHT TO AN ELEVATION OF 6" BELOW THE PROPOSED FINISHED GRADE. SCARIFY THE SUBGRADE TO A DEPTH OF 12" WITH THE TEETH OF A BACKHOE OR A POWER RAKE TO RESULT IN AN UNCOMPACTED SUBSOIL. 6" OF GOOD QUALITY TOPSOIL IS TO BE APPLIED AND RAKED TO FINISHED GRADE.
- THE TOPSOIL IS TO BE GOOD QUALITY LOAM, FERTILE AND FREE OF WEEDS, STICKS AND STONES OVER 3/4" IN SIZE AND OTHERWISE COMPLYING WITH SECTION M.18.01 OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2010 EDITION (WITH LATEST ADDENDA).
- PRIOR TO SEEDING OR SODDING, FERTILIZE WITH 10-10-10 OR EQUIVALENT ANALYSIS, AT LEAST 40% OF THE FERTILIZER NITROGEN SHALL BE IN SLOW RELEASE FORM. INCORPORATE THE FERTILIZER INTO THE TOP 1-2" OF THE PLANTING SOIL. APPLY AT A RATE OF 8 LBS. PER 1000 SQUARE FEET.
- APPLY LIME AT A RATE OF ONE TON PER ACRE AND UNIFORMLY INCORPORATE INTO THE TOP 1-2" OF TOPSOIL.
- SEEDING:**
 - AFTER THE SEED BED IS PREPARED, SEED IS TO BE BROADCAST EVENLY OVER THE SURFACE AND WORKED INTO THE TOP 1" OF SOIL.
 - SEED FOR REVETMENT SLOPE SHALL CONSIST OF COASTAL/SALT TOLERANT SEED MIX, BY ALLEN'S SEED, 693 SOUTH COUNTY TRAIL, EXETER, RI, % BY WEIGHT AS FOLLOWS, APPLY AT A RATE OF 3-5 POUNDS PER 1,000 SQ. FT. OR AS OTHERWISE DIRECTED BY THE MANUFACTURER:
 - 20% HEATHLAND CHEWINGS FESCUE
 - 18% CREEPING RED FESCUE (COATED)
 - 15% SALTY ALKALIGRASS
 - 12.5% HARPOON HARD FESCUE
 - 12.5% QUATTRO SHEEP FESCUE
 - 12% GINGER KENTUCKY BLUEGRASS
 - 10% ANNUAL RYE
 - SEED FOR ALL OTHER AREAS TO CONSIST OF URI #2 IMPROVED SEED MIX, % BY WEIGHT AS FOLLOWS, APPLY AT A RATE OF 4-5 LBS. PER 1000 SQUARE FEET OR AS OTHERWISE DIRECTED BY THE MANUFACTURER:
 - 40% CREEPING RED FESCUE
 - 20% IMPROVED PERENNIAL RYEGRASS
 - 20% IMPROVED KENTUCKY BLUEGRASS
 - 20% KENTUCKY BLUEGRASS
 - RECOMMENDED SEEDING DATES ARE MARCH 15 TO JUNE 15. ALTERNATIVE DATES ARE SEPTEMBER 15 TO NOVEMBER 15; HOWEVER ADDITIONAL EROSION CONTROLS MAY BE REQUIRED. AT THE CONTRACTORS DISCRETION, SEED MAY BE APPLIED BY HYDROSEEDING RATHER THAN THE METHOD DESCRIBED ABOVE.

ARMOR STONES NOTES:

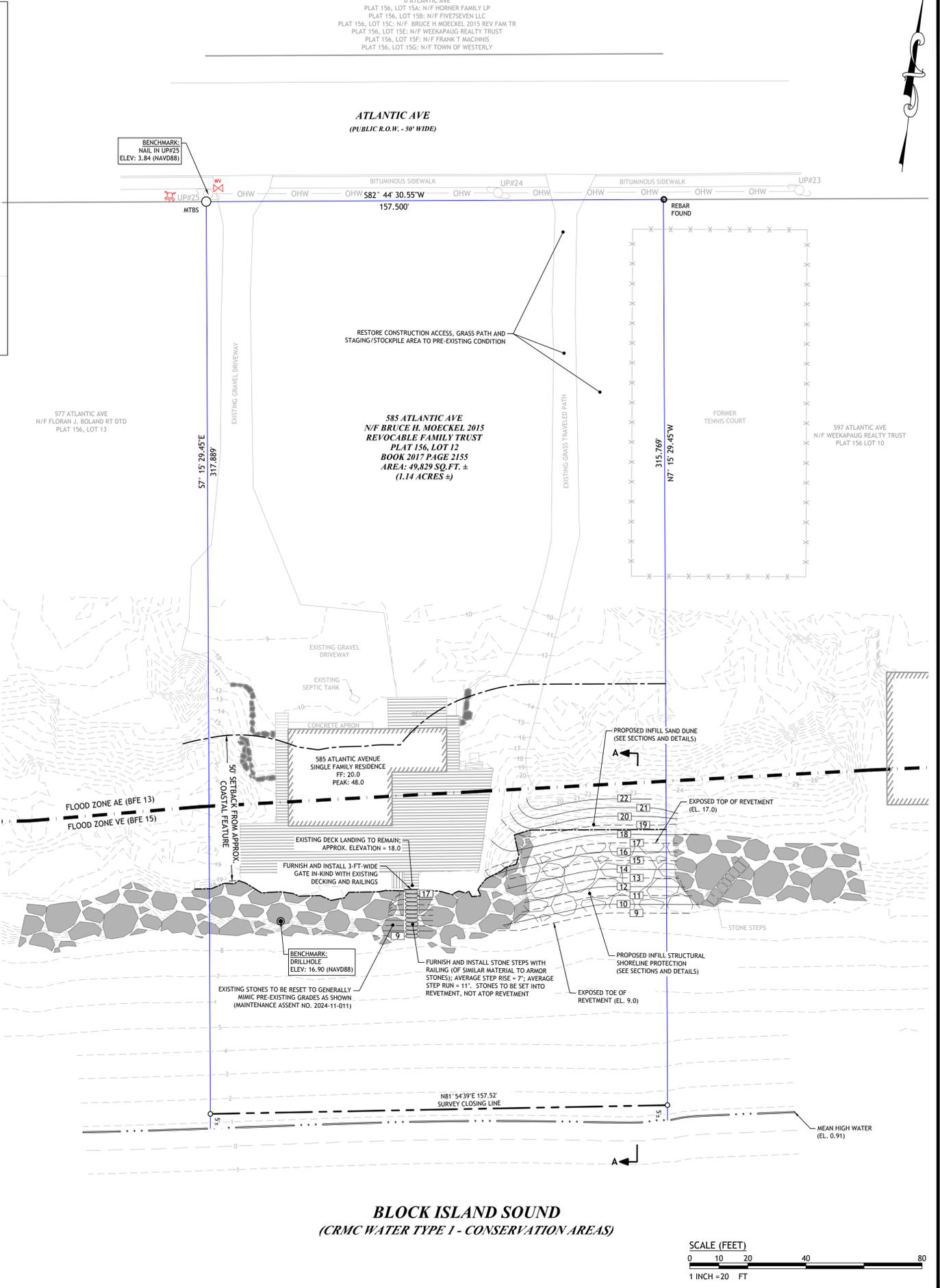
- THE CONTRACTOR SHALL LIMIT THE AMOUNT OF EXPOSED SHORELINE DURING CONSTRUCTION SO AS TO MINIMIZE THE CHANCE OF SHORELINE RESSION SHOULD A LARGE STORM EVENT OCCUR DURING THE CONSTRUCTION. IF SUCH AN EVENT IS FORECASTED, THE CONTRACTOR SHALL TEMPORARILY PLACE ARMOR STONE MATERIAL ALONG ANY EXPOSED AREA OF SHORELINE AS A TEMPORARY PROTECTION MEASURE.
- ARMOR STONE SHALL BE DENSE, SOUND GNEISS, DIORITE, OR BASALT, HAVING A MINIMUM DENSITY OF 165 POUNDS PER CUBIC FOOT.
- ARMOR STONES SHALL HAVE AN AVERAGE WEIGHT OF NO LESS THAN 7,500 POUNDS (3.75 TONS), WITH AN AVERAGE DIAMETER OF APPROXIMATELY 3.7-FT; 50-PERCENT OF STONES SHALL BE LARGER THAN THESE LIMITS. ARMOR STONES SHALL BE NO LESS THAN 5,000 POUNDS (2.5 TONS), AND NO LESS THAN ABOUT 3.0-FT IN DIAMETER. ARMOR STONES SHALL BE NO LARGER THAN 10,000 POUNDS (5 TONS), AND NO LARGER THAN ABOUT 4.5-FT IN DIAMETER.
- ARMOR STONE SHALL BE PLACED SUCH THAT THEY DO NOT PROTRUDE SHARPLY FROM THE SLOPE FACE; HOWEVER, THE SLOPE FACE SHALL NOT BE EXCESSIVELY FLAT AND STONES SHALL NOT BE EXCESSIVELY TIGHT.
- FILTER STONE SHALL CONSIST OF CRUSHED DURABLE STONE, HAVING A MINIMUM DENSITY OF 165 PCF. FILTER STONE SHALL CONFORM TO THE GRADATION REQUIREMENTS FOR NATIONAL STONE ASSOCIATION MODIFIED NSA NO. R-3 RIPRAP STONE, AS PER SECTION M.10.03 OF THE RHODE ISLAND STANDARD DETAILS FOR ROAD AND BRIDGE CONSTRUCTION, WITH ALL LATEST REVISIONS AND AMENDMENTS.
- THREE POINTS OF CONTACT ARE REQUIRED BETWEEN A STONE AND OTHER STONES WITHIN THE SAME LAYER. STONES SHOULD BE KEED AND FITTED, MAXIMIZING CONTACT ON ALL SIDES.
- CONTRACTOR MUST SUBMIT QUARRY SOURCE TO THE OWNER AND ENGINEER FOR ALL STONE MATERIALS PRIOR TO ORDERING OR SHIPPING TO THE SITE.
- FILTER FABRIC SHALL BE WRAPPED BACK INTO FILTER STONE AT ALL TERMINATIONS.

SLOPE PLANTING NOTES:

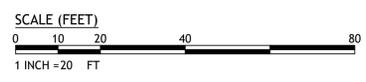
- PLANTINGS TO CONSIST OF BEACH GRASS (AMPHIPHILA BREVILIGULATA), INSTALLED 5-FT ON CENTER. SHRUB PLANTINGS FROM TRADITIONAL STOCK MAY ALSO BE PLANTED WITHIN THE SLOPE PLANTING AREA AND WITHIN THE COIR LOGS. TRADITIONAL NURSERY STOCK PLANTINGS SHALL BE OF THE SPECIES BAYBERRY (MYRICA PENNSYLVANICA) OR BEACH ROSE (ROSA RUGOSA).
- PLANTINGS THAT FAIL TO SURVIVE WITHIN THE FIRST YEAR OF PLANTING SHALL BE REPLACED IN KIND.



2 STONE STEP DETAIL
 NOT TO SCALE



BLOCK ISLAND SOUND
 (CRMC WATER TYPE 1 - CONSERVATION AREAS)



JCE
 JOE CASALI ENGINEERING, INC.
 CIVIL ENGINEERING, ARCHITECTURE, INTERIOR DESIGN, LANDSCAPE ARCHITECTURE, PLANNING
 300 POST ROAD, WARWICK, RI 02888
 (401) 944-1300 (401) 944-1313 FAX WWW.JOECASALI.COM

JOSEPH A. CASALI
 No. 7250
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 09/15/2025

PROPOSED INFILL SHORELINE PROTECTION
 585 ATLANTIC AVENUE
 WESTERLY, RHODE ISLAND
 AP 156, LOT 12

REVISIONS:

NO.	DATE	DESCRIPTION
1	9/24/2025	REVIEWED

DESIGNED BY: DRD
 DRAWN BY: SEP
 CHECKED BY: JAC
 DATE: AUG. 2025
 PROJECT NO: 25-65

PRELIMINARY, NOT FOR CONSTRUCTION

PROPOSED REVETMENT PLAN

02/25/25 Joe Casali Moeckel 2015 Atlantic Ave (Working Plan) dwg Sep. 15, 2025 9:54am

MHW	0.91
NAVD 88	0.00
MSL	-0.31
MLW	-1.66

TIDAL DATUM CONVERSIONS



BENCHMARK
NAIL IN UP#25
ELEVATION: 3.84
DATUM: NAVD-88

577 ATLANTIC AVE
N/F
FLORAN J. BOLAND RT DTD
PLAT 156 LOT 13

ATLANTIC AVE
(PUBLIC R.O.W. - 50' WIDE)

585 ATLANTIC AVE
N/F
BRUCE H. MOECKEL 2015
REVOCABLE FAMILY TRUST
PLAT 156 LOT 12
BOOK 2017 PAGE 2155
AREA: 49,829 SQ.FT. ±
(1.14 ACRES ±)

597 ATLANTIC AVE
N/F
WECKAPAUG REALTY TRUST
PLAT 156 LOT 10



LEGEND

- IRON PIPE OR REBAR
- BOUND
- MTBS (MONUMENT TO BE SET)
- SURVEY TIE LINE INDICATOR
- x10± SPOT GRADE
- UTILITY POLE
- 5- MAJOR CONTOUR - 5' INTERVAL
- 3- MINOR CONTOUR - 1' INTERVAL
- o/h OVERHEAD WIRES
- ~~~~~ EDGE OF VEGETATION
- ▨ RIPRAP (GRAPHICAL REPRESENTATION ONLY - SIZE MAY VARY)



DISTRICT DIMENSIONAL REGULATIONS

District	HDR-10 HIGH DENSITY RESIDENTIAL	RESIDENTIAL
USE		
MIN. LOT SIZE		10,000 SQ. FT.
MIN. LOT FRONTAGE		80 FEET
MAX. IMPERVIOUS SURF. %		35%
MAX. HGT. PRIN. BLDG.		35 FEET
MAX. HGT. ACCESS. BLDG.		20 FEET
MIN. FRONT YARD DEPTH		30 FEET
MIN. SIDE YARD DEPTH		15 FEET
MIN. CNR. SIDE YARD DEPTH		22.5 FEET
MIN. REAR YARD DEPTH		30 FEET
MIN ACCESS. BLDG SIDE		15 FEET
MIN. ACCESS. BLDG. REAR		20 FEET

PLAN REFERENCES:

- R1. EXISTING CONDITIONS SURVEY PREPARED FOR BRUCE & CAROL MOECKEL 585 ATLANTIC AVE PLAT 156 LOT 12 WESTERLY, RHODE ISLAND SCALE: 1" = 20' APRIL 8, 2011 CHERENZIA AND ASSOCIATES, LTD. NATE LAUDER PLS #1842
- R2. PLAN OF PLEASANT VIEW BEACH LOTS TOWN OF WESTERLY, R.I. SCALE: 200 FEET TO THE INCH BY C.E. CHANDLER AND S.B. PALMER, ENGR'S NORWICH, CONN. 1909

NOTES:

1. REFERENCE IS HEREBY MADE TO A TRUSTEES DEED FROM CAROL S. MOECKEL AND PETER D. HERSHMAN, CO-TRUSTEES OF THE BRUCE H. MOECKEL 2015 REVOCABLE FAMILY TRUST TO CAROL S. MOECKEL AND PETER D. HERSHMAN, CO-TRUSTEES OF THE BRUCE H. MOECKEL 2015 REVOCABLE FAMILY TRUST "MARITAL DEDUCTION SHARE" RECORDED IN THE TOWN OF WESTERLY LAND EVIDENCE RECORDS BOOK 2017 PAGE 2155, ON FEBRUARY 2, 2017.
2. BEARINGS AND NORTH ARROW ORIENTATION ARE REFERENCED TO THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM OF 1983.
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
4. THIS PARCEL IS WITHIN FEMA FLOOD HAZARD ZONE VE (BFE 15) AND AE (BFE 13). REFERENCE IS MADE TO MAP PANEL 44009C0259J, EFFECTIVE OCTOBER 16, 2013.
5. LIMITS OF FIELD TOPOGRAPHY SHOWN HEREON REPRESENT INFORMATION GATHERED FROM FIELD SURVEYS CONDUCTED BY CHERENZIA & ASSOCIATES, LTD ON APRIL 10, 2024.
6. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. CHERENZIA & ASSOCIATES IS NOT RESPONSIBLE FOR ANY UNKNOWN OR UNRECORDED EASEMENTS THAT A TITLE REPORT WOULD DISCLOSE.
7. THIS PARCEL IS SITUATED IN THE TOWN OF WESTERLY HDR-10 ZONING DISTRICT AND IS SUBJECT TO THE RESTRICTIONS THEREOF.

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:

COMPREHENSIVE BOUNDARY
DATA ACCUMULATION-PLANIMETRICS
TOPOGRAPHY

MEASUREMENT

CLASS I
CLASS III
CLASS T-3

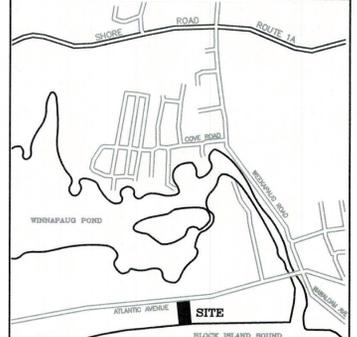
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS TO SHOW EXISTING CONDITIONS TO SUPPORT REVETMENT IMPROVEMENTS.

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

STREET INDEX
ATLANTIC AVE

CHERENZIA & ASSOCIATES, LTD.

99 Mechanic St. P.O. Box 513
Pawtucket, CT 06379 Westerly, RI 02891
Tel: 860.295.6500 Tel: 401.596.7747
Fax: 860.599.6090
Civil Engineers
Land Use Planners
Environmental Engineers
www.cherenzia.com



LOCATION MAP

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

SCALE: 1"=20'
CA JOB #211017-1
DATE: JUNE 6, 2024
DRAWN BY: JF
CHECKED BY: MAC

EXISTING CONDITIONS PLAN

LIMITED CONTENT
BOUNDARY & TOPOGRAPHIC
SURVEY

585 ATLANTIC AVE
PLAT 157 LOT 12
WESTERLY, RHODE ISLAND

PREPARED FOR
CAROL MOECKEL

MARK A. CASTELLANOS
No. 2511
PROFESSIONAL
LAND SURVEYOR

SV-1

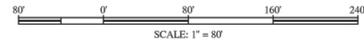




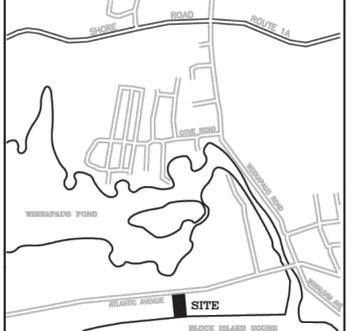
ATLANTIC AVE
(PUBLIC R.O.W. - 50' WIDE)



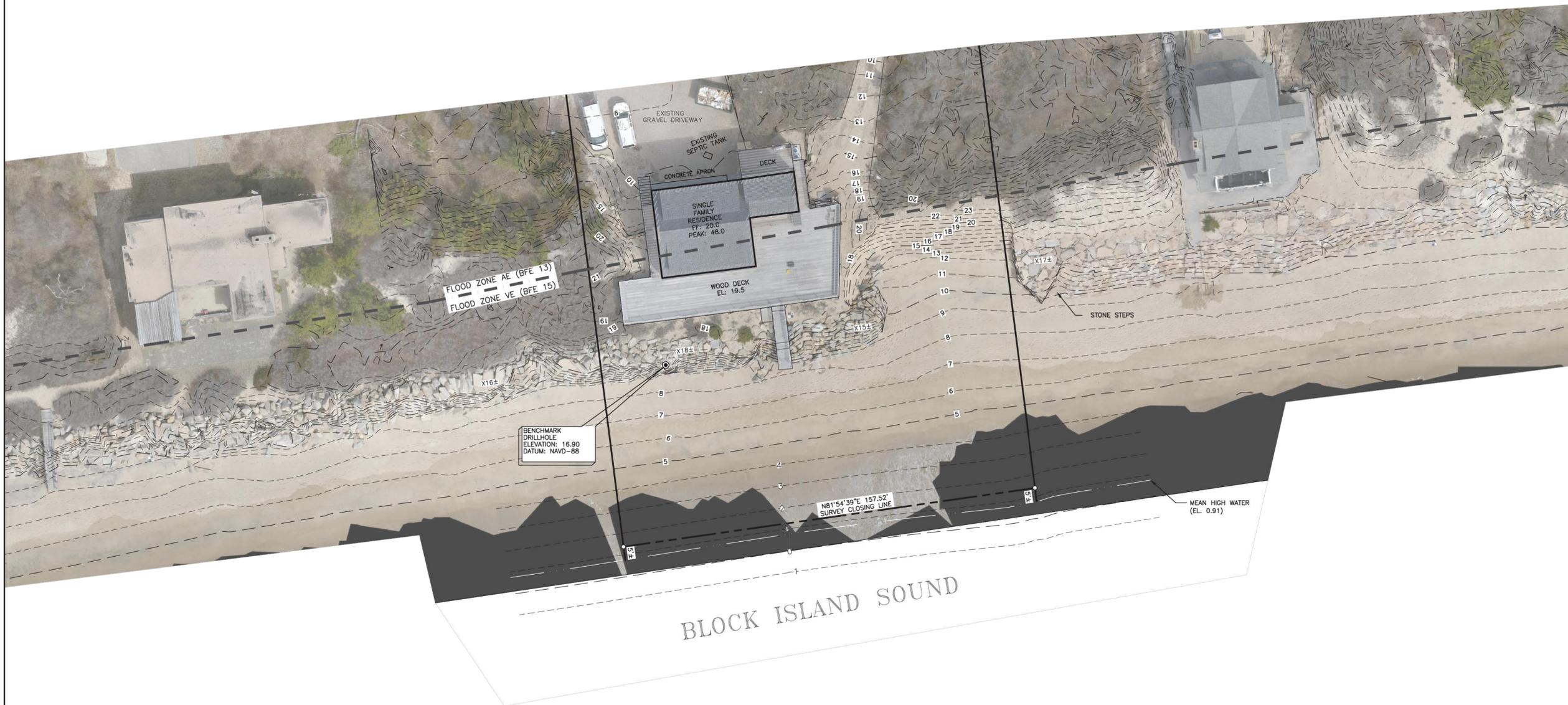
LIMITS OF SEAWALL AND REVETMENT
SCALE 1"=80'



CHERENZIA & ASSOCIATES, LTD.
Civil Engineers
Land Surveyors
Land Use Planners
Environmental Engineers
99 Mechanic St.
Pawcatuck, CT 06379
Tel: 860.659.6500
Fax: 860.599.6090
P.O. Box 513
Westcity, RI 02891
Tel: 401.596.7747
www.cherenzia.com



LOCATION MAP



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

SCALE: AS NOTED
CA JOB #211017-1
DATE: JUNE 6, 2024
DRAWN BY: JF
CHECKED BY: MAC

EXISTING CONDITIONS PLAN

ORTHOMOSAIC AERIAL PHOTOS

585 ATLANTIC AVE
PLAT 157 LOT 12
WESTERLY, RHODE ISLAND



PREPARED FOR
CAROL MOECKEL

MARK A. CASTELLANOS
No. 2511
PROFESSIONAL
LAND SURVEYOR

SV-2

SHEET 2 OF 2

SUBJECT PARCEL
SCALE 1"=20'

