



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: 2023-06-045 Date: October 11, 2024

This office has under consideration the application of:

**Eugene Cacciola & Pamela Terreri**  
**92 Burnett Road**  
**Warwick, RI 02886**

for a State of Rhode Island Assent to construct and maintain: a 57ft hybrid shoreline protection facility where the toe of the structure is proposed to be constructed of stone rip rap and the bluff is proposed to be constructed of vegetated coir logs above the existing grade. Approximately 26 yards of fill is proposed in the setback requiring a variance from Redbook Standard 1.1.9(B)(1)

Project Location:	92 Burnett Road
City/Town:	Warwick
Plat/Lot:	Plat 380, lot 108
Waterway:	Narragansett Bay

Plans of the proposed work can be requested at [Cstaff1@crmc.ri.gov](mailto: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.

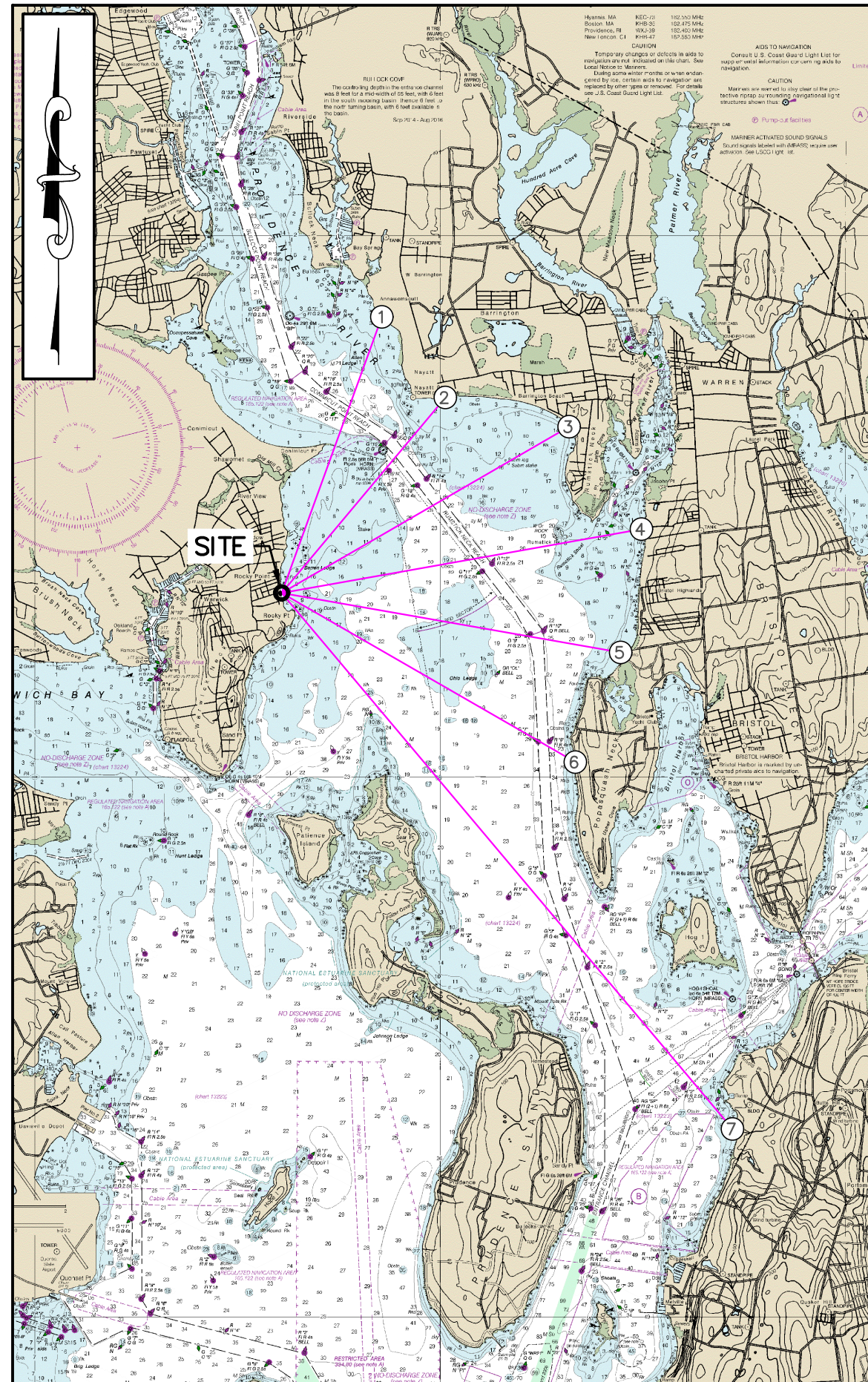
You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what 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 11, 2024.

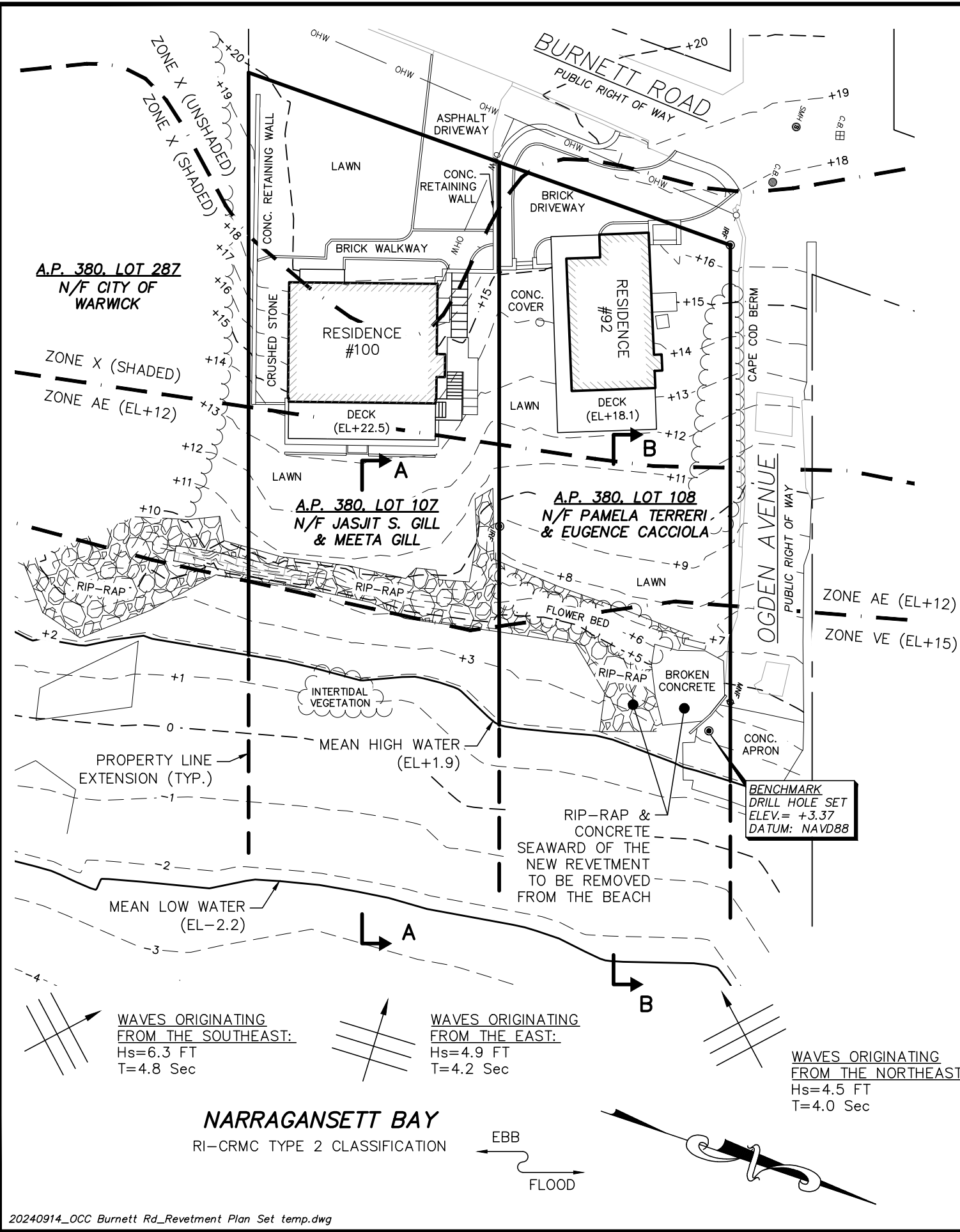
Please email your comments/hearing requests to: [cstaff1@crmc.ri.gov](mailto:cstaff1@crmc.ri.gov); or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.

/lat









**LEGEND**

- APPROXIMATE PROPERTY LINES\*
- APPROXIMATE ABUTTERS PROP. LINE
- TOPOGRAPHIC CONTOUR (NAVD88)
- FEMA FLOOD ZONE DELINEATION\*\*
- OVERHEAD WIRE
- EDGE OF VEGETATION
- MEAN HIGH/LOW WATER LINE
- CATCH BASIN(S)
- UTILITY POLE
- SEWER MANHOLE
- IRON ROD FOUND
- "MAG" NAIL FOUND

\* SEE NOTE 3  
\*\* SEE NOTE 4

- SITE PLAN NOTES:**
1. THE SITE INFORMATION PRESENTED HEREIN IS THE RESULT OF A FIELD SURVEY BY SOUTH COUNTY SURVEY COMPANY, LLC PERFORMED AUGUST 28, 2023 AND CAN ONLY REPRESENT THE CONDITIONS OF THE SITE AT THAT TIME. THE RESULTING LINEWORK WAS PROVIDED IN THE SITE PLAN TITLED, "EXISTING CONDITIONS SITE PLAN IN THE CITY OF WARWICK, RHODE ISLAND A.P. 307, LOTS 107 & 108 100 BURNETT RD. & 92 BURNETT RD." DATED NOVEMBER 29, 2023. REFER TO REFERENCED PLAN FOR ADDITIONAL INFORMATION.
  2. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  3. PROPERTY BOUNDARIES SHOWN WERE NOT DETERMINED BY SOUTH COUNTY SURVEY BUT WERE REPLICATED BASED ON THE FOLLOWING REFERENCES:
    - 3.1. 92 BURNETT RD: "SURVEY PLAN SHOWING 92 BURNETT ROAD ASSESSORS MAP 380 LOT 108 WARWICK, RHODE ISLAND." BY FLYNN SURVEYS, INC.
    - 3.2. 100 BURNETT RD: "SEA-VIEW PLAT WARWICK, R.I. BY FRANK E. WATERMAN, FEB. 1903"
  4. SUBJECT PARCELS LAY PARTIALLY WITHIN FEMA FLOOD ZONE X UNSHADED (AREA OF MINIMAL FLOOD HAZARD), PARTIALLY WITHIN FEMA FLOOD ZONE X SHADED (0.2% ANNUAL CHANCE FLOOD HAZARD), PARTIALLY WITHIN FEMA FLOOD ZONE AE (BFE 12 FEET, SPECIAL FLOOD HAZARD AREA) AND PARTIALLY WITHIN FEMA FLOOD ZONE VE (BFE 15 FEET, SPECIAL FLOOD HAZARD AREA). SEE PANEL 44003C0153H EFFECTIVE 9/18/2013 FOR ADDITIONAL INFORMATION.
  5. THE PROPERTIES OF THE INCIDENT WAVES WERE CALCULATED USING AUTOMATED COASTAL ENGINEERING SOFTWARE (ACES) WITH CONSIDERATION OF THE LOCAL DEEP WATER RESTRICTED FETCHES ASSOCIATED WITH THE 50-YEAR RECURRENCE INTERVAL (2% ANNUAL RECURRENCE).

**HARBOR ENGINEERING, LLC**

26 BOSWORTH STREET  
BARRINGTON, RI 02806  
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harboreng.com

No.	Revision	Date	App.

GRAPHIC SCALE

Client/Owner:

**EUGENCE CACCIOLA**  
92 BURNETT ROAD  
WARWICK, RI 02889

**JASJIT GILL**  
100 BURNETT ROAD  
WARWICK, RI 02889

Issued for:

**SHORELINE MAINTENANCE**

**REGULATORY REVIEW & CONSTRUCTION**

Drawing Title:

**SITE PLAN**

**EXISTING CONDITIONS & WAVE EXPOSURE**

VERTICAL DATUM: FT NAVD88

Date: 9/7/2024  
Scale: 1"=30FT

Designed By: AJK  
Drawn by: AJK  
Checked by:   

Project Number:  
**2023-11**

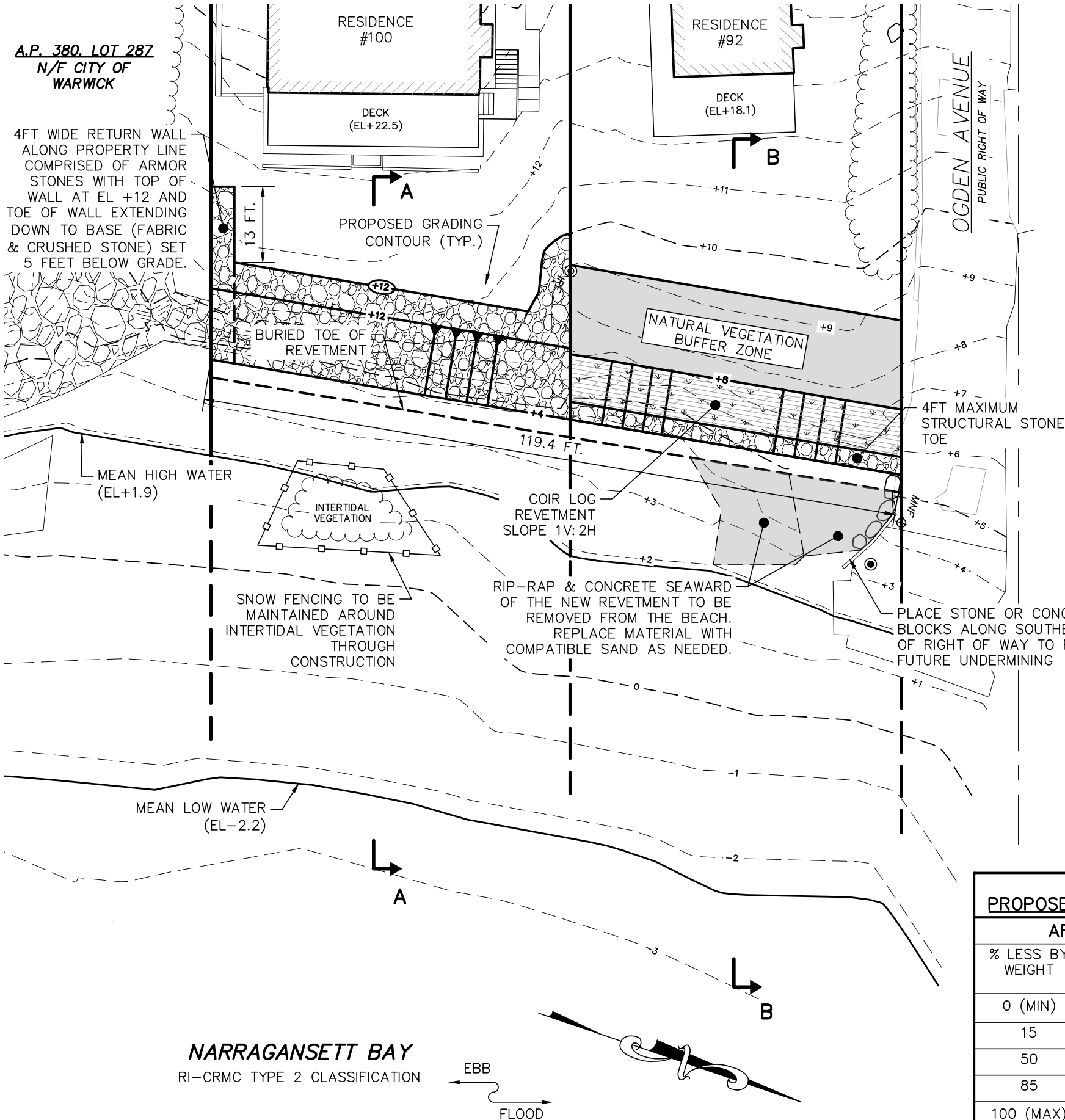
Sheet **2** of **7**

Drawing Number:  
**EX-1**

Received  
9/7/2024  
Coastal Resources  
Management Council

A.P. 380, LOT 287  
N/F CITY OF  
WARWICK

4FT WIDE RETURN WALL  
ALONG PROPERTY LINE  
COMPRISED OF ARMOR  
STONES WITH TOP OF  
WALL AT EL +12 AND  
TOE OF WALL EXTENDING  
DOWN TO BASE (FABRIC  
& CRUSHED STONE) SET  
5 FEET BELOW GRADE.



- NOTES:
1. REFER TO SHEET EX-1 FOR DETAILS ON EXISTING SITE INFORMATION.
  2. REFER TO SHEETS X-1 AND X-2 FOR SECTIONS ASSOCIATED WITH REVETMENT CONSTRUCTION. CONSTRUCTION SPECIFICATIONS PROVIDED ON SHEETS N-1 & N-2.
  3. THE CONTRACTOR SHALL ARRANGE TO HAVE THE SITE STAKED OUT ADEQUATELY IN ORDER TO ESTABLISH ELEVATION, PROPERTY BOUNDARIES AND IDENTIFY THE PROPOSED LOCATION OF CRITICAL REVETMENT SECTIONS INCLUDING ITS CREST, EXPOSED TOE AND BURIED TOE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN STAKES THROUGH CONSTRUCTION.
  4. THE CONTRACTOR SHALL COMPLETE THE GRADING BEHIND THE REVETMENT TO BLEND IN WITH THE EXISTING TOPOGRAPHY, AVOID BURYING AREA STRUCTURES AND ALLOW FOR ADEQUATE DRAINAGE (AVOID FLAT AREAS OR RAISED SURFACES THAT WILL SUPPORT PONDING).
  5. SEE PLAN SET TITLED "PROPOSED LANDSCAPE PLAN" PREPARED BY KEVIN ALVERSON LANDSCAPE ARCHITECTURE FOR DETAILS RELATING TO COIR LOG INSTALLATION, NATURAL VEGETATION BUFFER ZONE, PLANTING PLAN, AND OTHER LANDSCAPE DETAILS.



TABLE 3  
PROPOSED REVETMENT STONE GRADATION TABLE

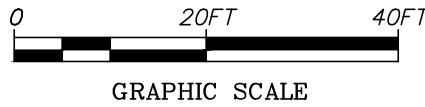
ARMOR LAYER			BEDDING LAYER	
% LESS BY WEIGHT	WEIGHT (LBS.)	DIAM. (FT.)	% LESS BY WEIGHT	DIAM. (IN.)
0 (MIN)	252	1.2	0 (MIN)	2
15	806	1.7	15	2
50	2016	2.3	50	3
85	3952	2.9	85	5
100 (MAX)	8065	3.7	100 (MAX)	6



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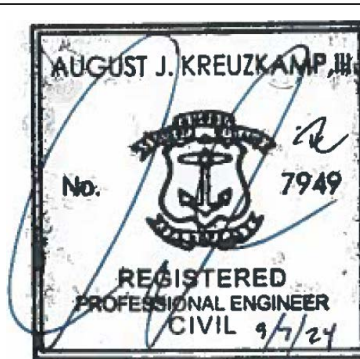
1	ALTER DESIGN PER CRMC	8/12/24	
No.	Revision	Date	App.



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Drawing Title:  
**PROPOSED SITE PLAN  
& REVETMENT STONE GRADATION TABLE**  
VERTICAL DATUM: FT NAVD88

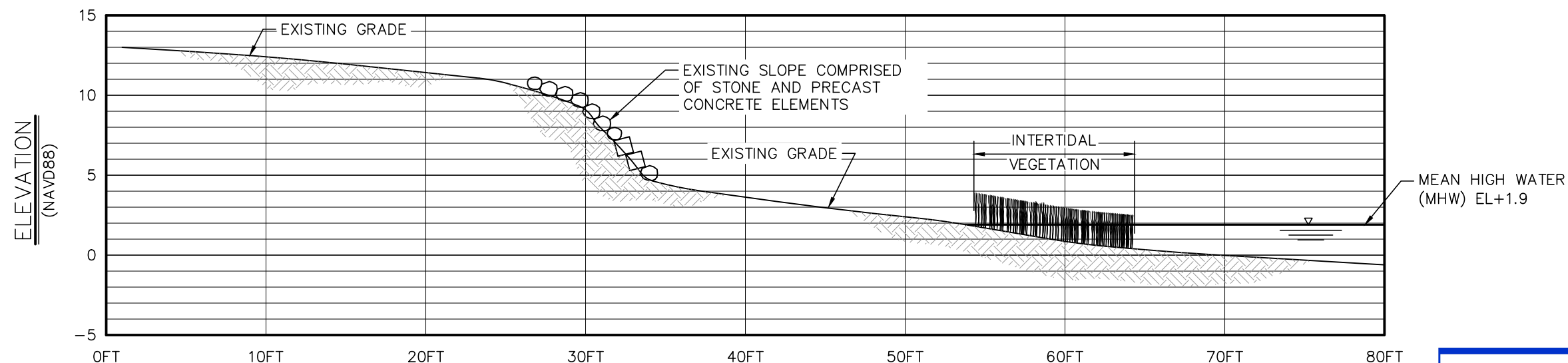


Date: 9/7/2024  
Scale: 1"=20FT  
Designed By: AJK  
Drawn by: AJK  
Checked by:  
Project Number: 2023-11  
Sheet 3 of 7  
Drawing Number: PR-1

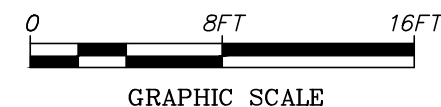


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**SECTION A-A**  
EXISTING

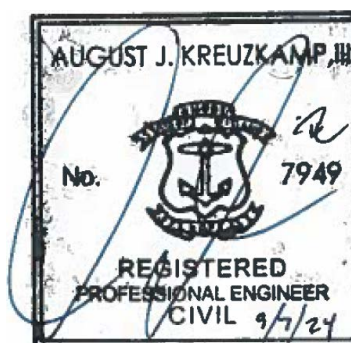


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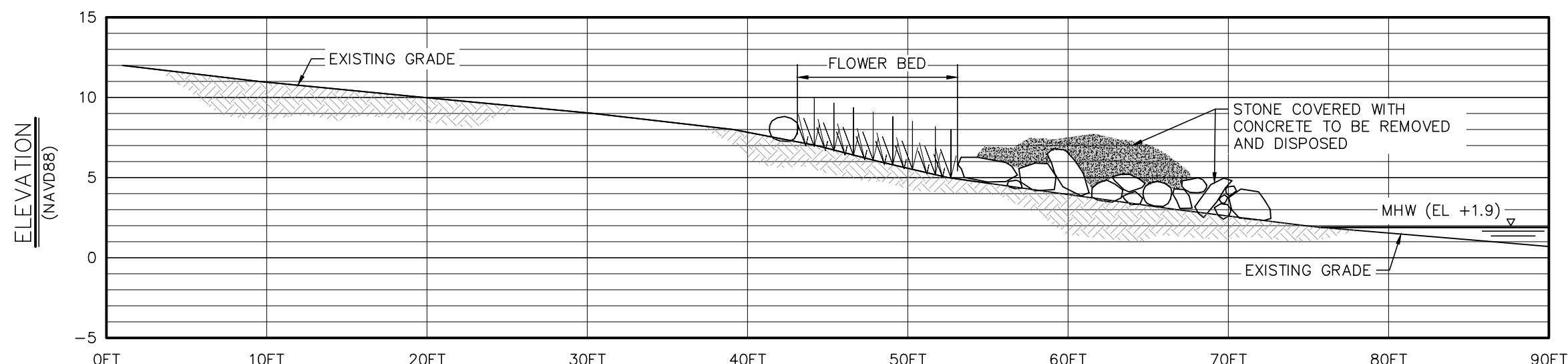
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SHORELINE MAINTENANCE  
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Drawing Title:  
**EXISTING CROSS-SECTIONS**

VERTICAL DATUM: FT NAVD88



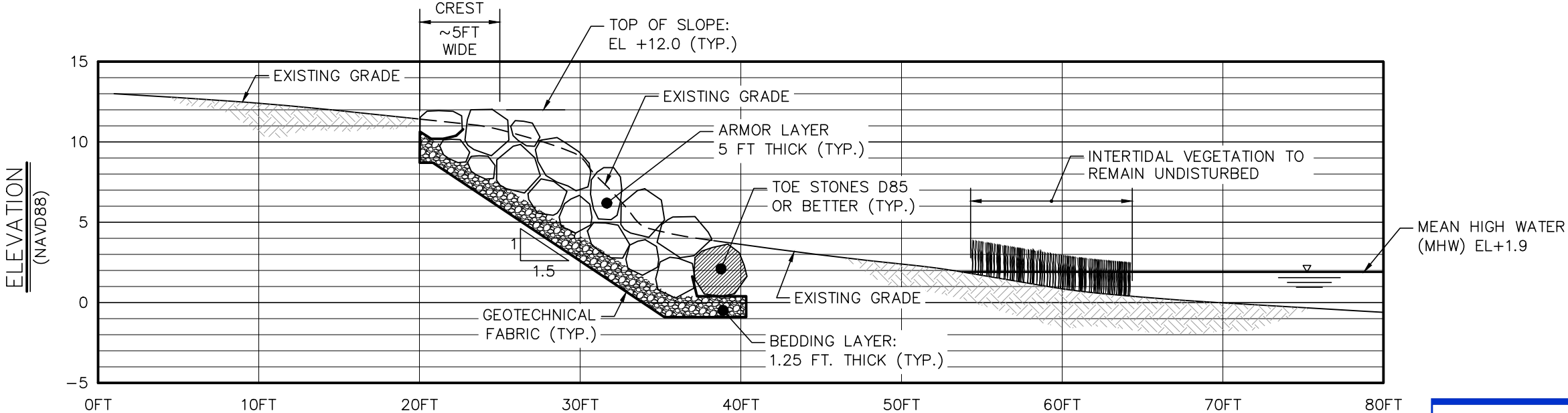
Date: 9/7/2024  
Scale: 1"=8FT  
Designed By: AJK  
Drawn by: AJK  
Checked by:  
Project Number: 2023-11  
Sheet 4 of 7  
Drawing Number: X-1



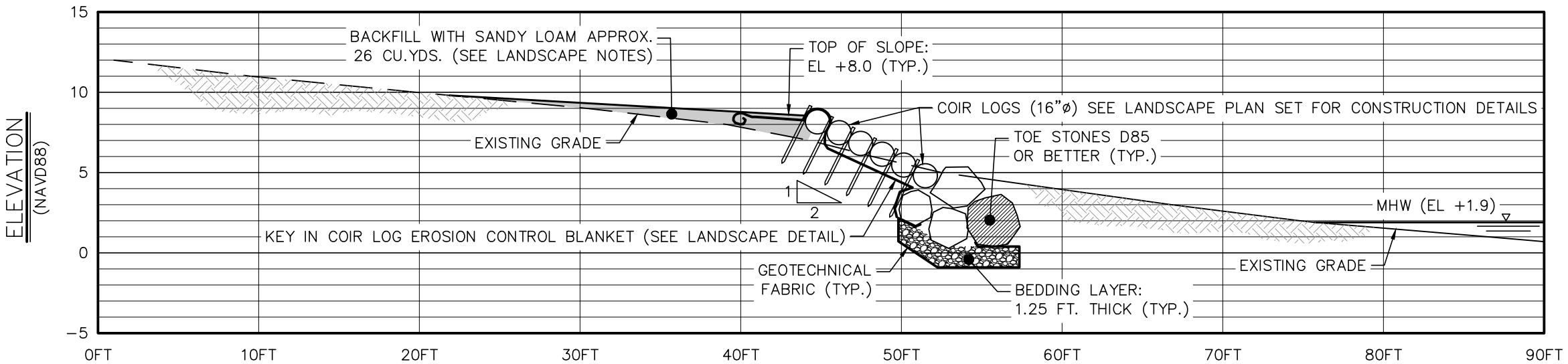
**SECTION B-B**  
EXISTING



REFER TO SHEET PR-1 FOR STONE  
MATERIAL SIZE SPECIFICATIONS



SECTION A-A  
PROPOSED



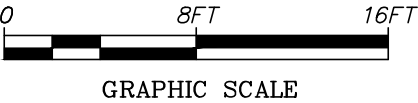
SECTION B-B  
PROPOSED



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Drawing Title:  
PROPOSED CROSS-SECTIONS

VERTICAL DATUM: FT NAVD88



Date:	9/7/2024
Scale:	1"=8FT
Designed By:	AJK
Drawn by:	AJK
Checked by:	
Project Number:	2023-11
Sheet	5 of 7
Drawing Number:	X-2

THE WORK COVERED UNDER THESE CONTRACT DOCUMENTS, INCLUDING THE DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS AND ALL AMENDMENTS, CONSISTS OF PROVIDING ALL PLANT, LABOR, SUPERVISION, EQUIPMENT, APPURTENANCES AND MATERIALS AND IN PERFORMING ALL OPERATIONS IN CONNECTION WITH AT LEAST, BUT NOT NECESSARILY LIMITED TO, THE FOLLOWING ITEMS:

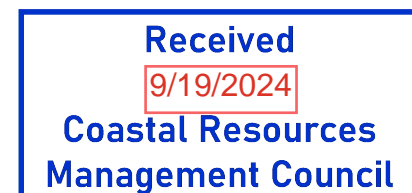
- GENERAL NOTES:

- 20240914\_OCC Burnett Rd\_Revetment Plan Set temp.dwg


11. THE CONTRACTOR SHALL SAFEGUARD AND PROTECT ALL EXCAVATIONS.
12. 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.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING, CUTTING, & CAPPING EXISTING UTILITIES BEFORE CONSTRUCTION AND FOR PROPERLY REINSTALLING UTILITIES AFTER CONSTRUCTION.

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LIMIT THE AMOUNT OF EXPOSED SHORELINE DURING CONSTRUCTION IN ORDER TO MINIMIZE THE CHANCE OF SHORELINE RESSION SHOULD A STORM EVEN OCCUR DURING CONSTRUCTION. IN SUCH A CASE, THE CONTRACTOR SHALL TEMPORARILY PLACE STONE MATERIAL ALONG ANY/ALL EXPOSED SHORELINE SHOULD A SIGNIFICANT STORM EVENT OCCUR.
2. CONTRACTOR SHALL INSTALL AND MAINTAIN SNOW FENCING TO PROTECT INTERTIDAL VEGETATION THROUGH CONSTRUCTION AND INSTALL PROPER SEDIMENT/EROSION AS REQUIRED TO MANAGE STOCKPILED SOILS ON SITE ABOVE MEAN HIGH WATER.
3. EXCESS SOILS/FILL AND DEMOLISHED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE COMPLETELY REMOVED FROM THE JOB SITE AND DISPOSED OF IN A SAFE AND LEGAL MANNER.
4. CONTRACTOR SHALL MAKE AVAILABLE A DETAILED DISPOSAL PLAN THAT INCLUDES THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THE DISPOSAL SITE; AND A SIGNED MANIFEST AND DISPOSAL TICKET(S) THAT SUBSTANTIATE APPROVED DISPOSAL OF MATERIAL REMOVED FROM SITE.

1. MATERIALS THAT DO NOT COMPLY WITH THE REQUIREMENTS FOR SATISFACTORY MATERIALS SHALL BE DEEMED UNSATISFACTORY. UNSATISFACTORY MATERIALS ALSO INCLUDE MAN-MADE FILLS, TRASH, REFUSE, OR BACKFILLS FROM PREVIOUS CONSTRUCTION. UNSATISFACTORY MATERIAL ALSO INCLUDES MATERIAL CLASSIFIED AS SATISFACTORY THAT CONTAINS ROOT AND OTHER ORGANIC MATTER, FROZEN MATERIAL, AND STONES LARGER THAN 3 INCHES.
2. UNSATISFACTORY MATERIALS REMOVED FROM EXCAVATIONS SHALL BE DISPOSED OF IN DESIGNATED WASTE DISPOSAL OR SPOIL AREAS.
3. SATISFACTORY MATERIALS SHALL COMPRISE ANY MATERIALS CLASSIFIED BY ASTM D 2487 AS GW, GP, GM, GP-GM, GW-GM, GC, GP-GC, GM-GC, SW AND SP. SATISFACTORY MATERIALS SHALL BE USED IN BRINGING FILLS AND BACKFILLS TO THE LINES AND GRADES INDICATED AND FOR REPLACING UNSATISFACTORY MATERIALS.
4. SATISFACTORY MATERIAL REMOVED FROM EXCAVATIONS SHALL BE USED, INSOFAR AS PRACTICAL, IN THE CONSTRUCTION OF FILLS, EMBANKMENTS, SUBGRADES, SHOULDERS, BEDDING (AS BACKFILL), AND FOR SIMILAR PURPOSES.
5. SATISFACTORY MATERIALS SHALL BE PLACED IN HORIZONTAL LAYERS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS, OR 6 INCHES WHEN HAND-OPERATED COMPACTORS ARE USED. BACKFILL SHALL NOT FALL BELOW 95% OF ITS DENSITY AT OPTIMUM MOISTURE CONTENT.
6. DEGREE OF COMPACTION IS EXPRESSED AS A PERCENTAGE OF THE MAXIMUM DENSITY OBTAINED BY THE TEST PROCEDURE PRESENTED IN ASTM D 1557, ABBREVIATED AS PERCENT LABORATORY MAXIMUM DENSITY.
7. GROUNDWATER FLOWING TOWARD OR INTO EXCAVATIONS SHALL BE CONTROLLED TO PREVENT SLOUGHING OF EXCAVATION SLOPES AND WALLS, BOILS, UPLIFT AND HEAVE IN THE EXCAVATION AND TO ELIMINATE INTERFERENCE WITH ORDERLY PROGRESS OF CONSTRUCTION.



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No.	Revision	Date	App.
Client/Owner:		EUGENE CACCIOLA 92 BURNETT ROAD WARWICK, RI 02889  JAS GILL 100 BURNETT ROAD WARWICK, RI 02889	
Issued for:		REGULATORY REVIEW & CONSTRUCTION	
Drawing Title:		NOTES	
		Date: 9/7/2024 Scale: N/A Designed By: AJK Drawn by: AJK Checked by: Project Number: 2023-11 Sheet 6 of 7 Drawing Number: N-1	

RIP RAP NOTES:

1. ARMOR & FILTER STONE SHALL BE A DENSE, SOUND GNEISS, DIORITE, OR BASALT, HAVING A MIN. DENSITY OF 165 PCF.
2. ARMOR STONES SHOULD BE PLACED SUCH THAT THEY NOT PROTRUDE EXCESSIVELY FROM THE STRUCTURE FACE TO PREVENT EXCESSIVE WAVE ACTION ON INDIVIDUAL STONES. HOWEVER, THE FACE SHOULD NOT BE FLAT AND EXCESSIVELY TIGHT. STONES SHOULD NOT PROTRUDE MORE THAN ONE-FIFTH OF IT'S DIMENSION PERPENDICULAR TO THE STRUCTURE FACE.
3. STONES SHOULD BE KEYED AND FITTED, MAXIMIZING CONTACT ON ALL SIDES. THREE POINTS OF CONTACT (MINIMUM) ARE REQUIRED BETWEEN A STONE AND OTHER STONES IN THE SAME LAYER OR WITH OTHER STONES IN THE LAYER AND A STRUCTURE CAP.
4. STONE SHALL BE PLACED IN A MANNER SUCH THAT THE LONGITUDINAL AXIS OF EACH STONE IS NORMAL TO THE AXES OF THE STRUCTURE, AND SLOPE DOWNWARD TOWARD THE CENTER OF THE STRUCTURE. ALL CAP STONE SHOULD BE PLACED TOGETHER AS CLOSELY AS PRACTICAL.
5. CONTRACTOR SHALL IDENTIFY QUARRY SOURCE FOR ALL STONE MATERIALS FOR ENGINEER TO INSPECT PRIOR TO SHIPMENT TO PROJECT SITE.
6. FILTER FABRIC SHALL BE MIRAFI FILTERWEAVE 700. FILTER FABRIC SHALL BE BACK-WRAPPED INTO THE FILTER STONE AT ALL TERMINATIONS.



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Drawing Title:

NOTES



Date:	9/7/2024
Scale:	N/A
Designed By:	AJK
Drawn by:	AJK
Checked by:	
Project Number:	2023-11
Sheet	7 of 7
Drawing Number:	N-2

Received

9/19/2024

Coastal Resources  
Management Council