



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 RE-NOTICE**

File Number: 2023-10-015

Date: September 8, 2025

This office has under consideration the application of:

**City of East Providence  
c/o Erik Skadberg, PE  
145 Taunton Avenue  
East Providence, RI 02914**

for a State of Rhode Island Assent to construct and maintain: The City of East Providence proposes to repair significant storm damage to the existing bank and construct a new revetment along an approximate 810 ft section of shoreline at Crescent Park. To protect the shoreline, park land, and persons using the park, the Applicant seeks to construct a shoreline protection system along the park's southern end which includes: re-grading the existing slope and relocating the toe approximately 30 ft landward from the location of the toe prior to recent storm damage, removal of existing slope vegetation as needed for safety during and after construction, and the construction of a stone revetment system along the shoreline with a vegetated slope incorporating an erosion control mat and coir logs above the revetment. The work includes reconstructing the existing wooden stairs at a new location to the north to maintain access to the beach at the park's southern end. A special exception is required for the grading and cutting of the existing coastal bluff/bank per **CRMP Red Book § RICMRP, Specifically, Section 1.3.1.B.2.(a) Filling, Removing and Grading of Shoreline Features, Prohibitions** "Filling, removing, or grading is prohibited on beaches, dunes, undeveloped barrier beaches, coastal wetlands, cliffs and banks, and rocky shores adjacent to Type 1 and 2 waters unless the primary purpose of the alteration is to preserve or enhance the feature as a conservation area or natural buffer against storms."

Additional work has been proposed to keep as much sand as possible 'in the system' since the last public notice (October 29,2024) as follows:

### **Crescent Park**

1. Construct a 10 ft wide sand berm along the seaward side of the proposed revetment toe at a maximum slope of 3H:1V;
2. Plant American beachgrass on the sand berm spaced at 1 foot on center;
3. Install post and rope fencing at the toe of the sand berm to protect vegetation;
4. Place sand in the revetment stone matrix, as feasible;
5. Place sand in the revetment stone matrix along Crescent Park's northern shoreline (CRMC # 2022-02-036), as feasible;
6. Place sand at end of Beach Road (above high tide line) after completion of the new stormwater system construction; and,
7. Regrade beach profile seaward of the sand berm up to the high tide line at a maximum slope of 10H:1V where feasible.

### **Sabin Point**

1. Construct sand berm with a maximum slope of 3H:1V;
2. Plant American beachgrass on the sand berm spaced at 1 foot on center;
3. Remove and demolish/abandon existing buried drainage utilities as shown;
4. Install post and rope fencing around the perimeter of the sand berm to protect vegetation; and,
5. Install timber access mat over sand berm for pedestrian access.

**CRMC Public RE-Notice File No. 2023-10-015**  
**September 8, 2025**  
**Page Two**

Project Location:	701 Bullocks Point Avenue; Plat 414, lot 7, 8, 8.1
City/Town:	East Providence
Waterway:	Providence River

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: **October 8, 2025**

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.

# SLOPE REPAIRS & SHORELINE PROTECTION

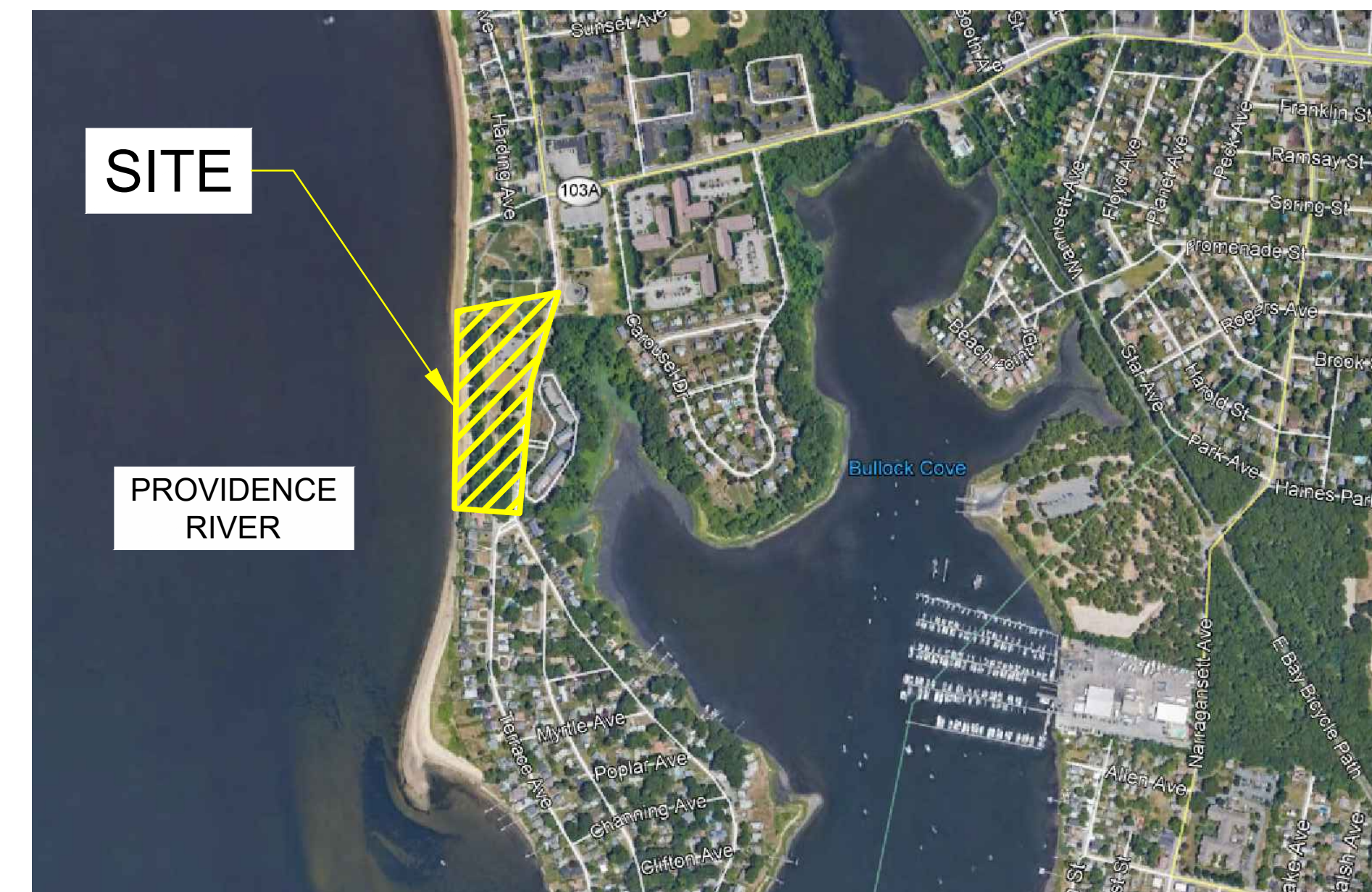
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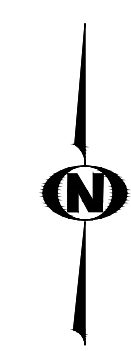
### ROSE LARISA MEMORIAL PARK

701 BULLOCKS POINT AVENUE  
EAST PROVIDENCE, RHODE ISLAND

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**VICINITY MAP**  
 (NOT TO SCALE)  
 (GENERATED FROM GOOGLE EARTH)

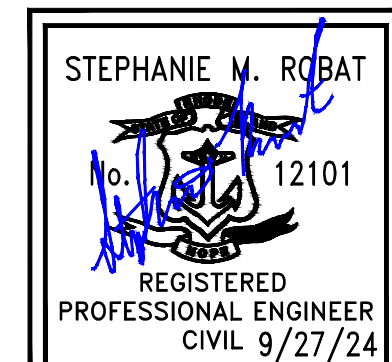
PREPARED FOR  
 CITY OF EAST PROVIDENCE  
 145 TAUNTON AVENUE  
 EAST PROVIDENCE, RI 02914

REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
 SLOPE REPAIRS & SHORELINE PROTECTION  
 EAST PROVIDENCE, RHODE ISLAND  
**TITLE SHEET**

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

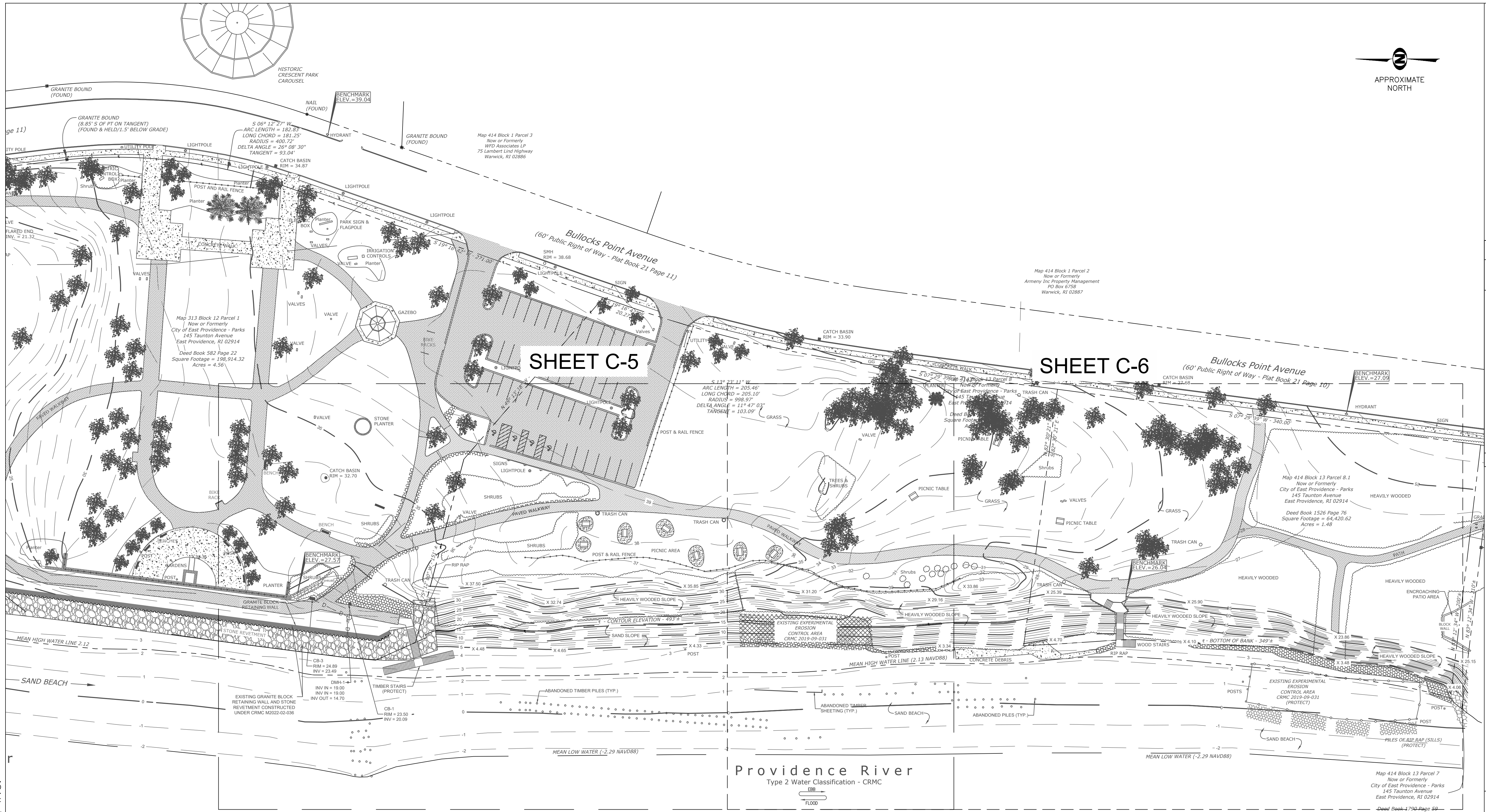
DATE:  
 SEPTEMBER 27, 2024  
 DESIGN BY: SMR  
 DRAWN BY: SJR / CDD  
 CHECKED BY: SMR  
 PROJECT NUMBER:  
 22006.00



C-1

SHEET 1 OF 18





REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR
#	1	

ROSE LARISA MEMORIAL PARK  
 SLOPE REPAIRS & SHORELINE PROTECTION  
 EAST PROVIDENCE, RHODE ISLAND  
 EXISTING CONDITIONS PLAN  
 PRE-STORM - OVERALL



**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

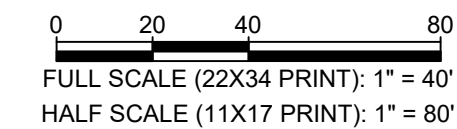
DATE: SEPTEMBER 27, 2024  
 DESIGN BY: SMR  
 DRAWN BY: SJR / CDD  
 CHECKED BY: SMR  
 PROJECT NUMBER: 22006.00

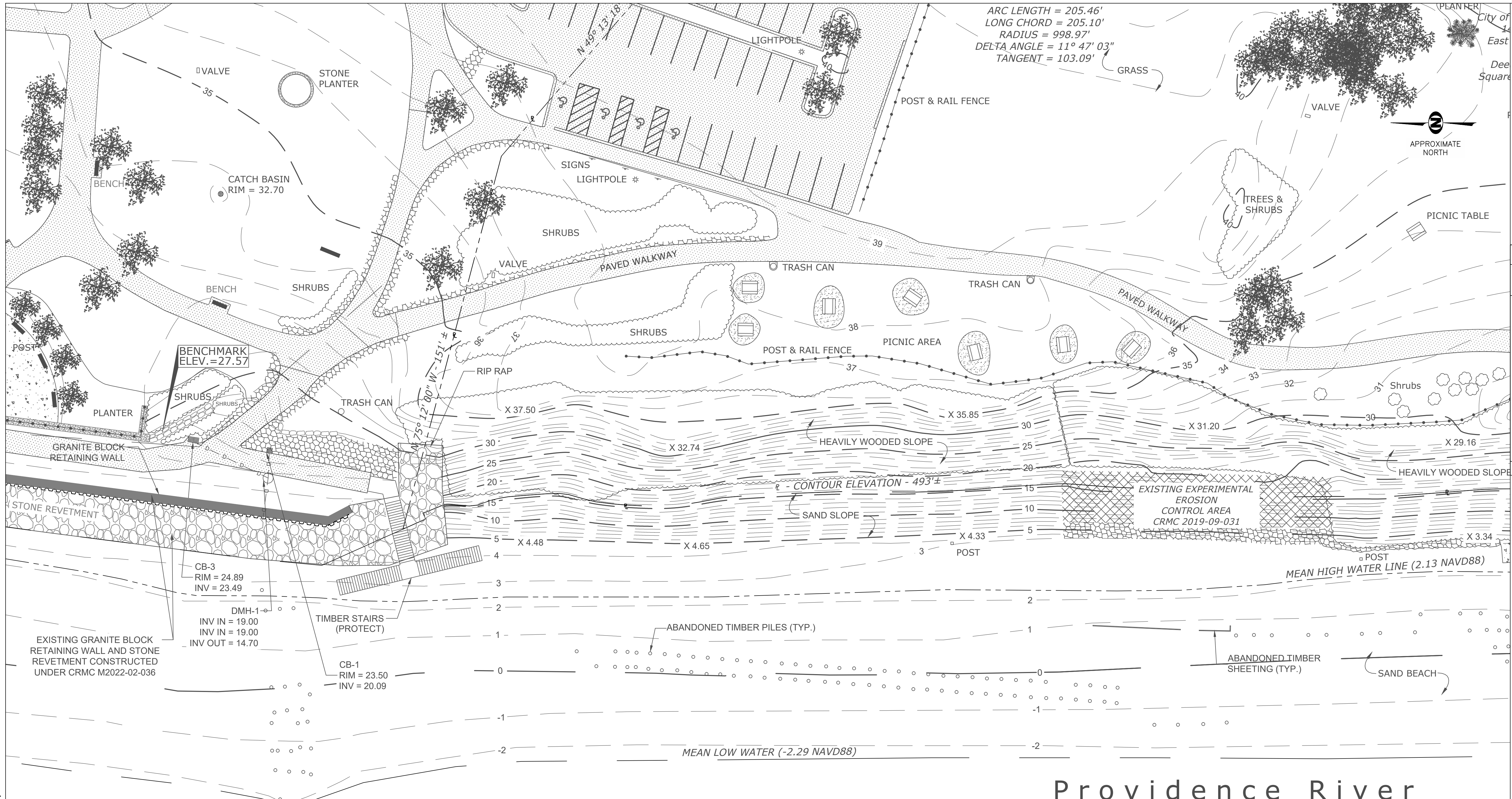
**C-4**  
 SHEET 4 OF 18

**1** EXISTING CONDITIONS - PRE-STORM  
 SCALE: 1" = 40'

LEGEND	
	EXISTING PRE-STORM 5' CONTOUR
	EXISTING PRE-STORM 1' CONTOUR
	EXISTING OVERHEAD WIRES
	EXISTING SEWER MANHOLE
	EXISTING DRAINAGE MANHOLE
	EXISTING CATCH BASIN
	EXISTING BUILDING
	EXISTING SPOT GRADE
	EXISTING STONE WALL
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING WATER GATE
	EXISTING HYDRANT
	EXISTING RIP RAP
	EXISTING STONE REVETMENT
	PROPERTY LINE

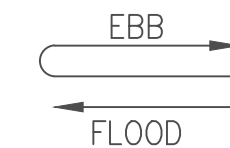
- NOTES:**
- THIS BASE PLAN WAS DEVELOPED FROM THE FOLLOWING AUTOCAD DWG FILE:  
 A. '2020050.DWG' BY THE CITY OF EAST PROVIDENCE DEPARTMENT OF PUBLIC WORKS - ENGINEERING DEPARTMENT.
  - THE FIELD SURVEY FOR THE BASE PLAN WAS COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION ON AUGUST 7, 2020 AND DOES NOT REFLECT RECENT CHANGES TO SITE CONDITIONS. SEE C-7 FOR APPROXIMATE LIMITS OF AREAS WITH RECENT EROSION.





# Providence River

Type 2 Water Classification - CRMC



LEGEND	
	EXISTING PRE-STORM 5' CONTOUR
	EXISTING PRE-STORM 1' CONTOUR
	EXISTING OVERHEAD WIRES
	EXISTING SEWER MANHOLE
	EXISTING DRAINAGE MANHOLE
	EXISTING CATCH BASIN
	EXISTING BUILDING
	EXISTING SPOT GRADE
	PROPERTY LINE
	EXISTING STONE WALL
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING WATER GATE
	EXISTING HYDRANT
	EXISTING RIP RAP
	EXISTING STONE REVETMENT

**1** EXISTING CONDITIONS - PRE-STORM  
SCALE: 1" = 20'

- NOTES:**
- THIS BASE PLAN WAS DEVELOPED FROM THE FOLLOWING AUTOCAD DWG FILE:  
A. '2020050.DWG' BY THE CITY OF EAST PROVIDENCE DEPARTMENT OF PUBLIC WORKS - ENGINEERING DEPARTMENT.
  - THE FIELD SURVEY FOR THE BASE PLAN WAS COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION ON AUGUST 7, 2020 AND DOES NOT REFLECT RECENT CHANGES TO SITE CONDITIONS. SEE C-7 FOR APPROXIMATE LIMITS OF AREAS WITH RECENT EROSION.



**FR ENGINEERING GROUP**  
2346 Post Road, Suite 202  
Warwick, RI 02886  
stephanie.robat@fr-eng.com  
401-575-1669

REVISION #	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
SLOPE REPAIRS & SHORELINE PROTECTION  
EAST PROVIDENCE, RHODE ISLAND  
**EXISTING CONDITIONS PLAN - PRE-STORM**  
1 OF 2

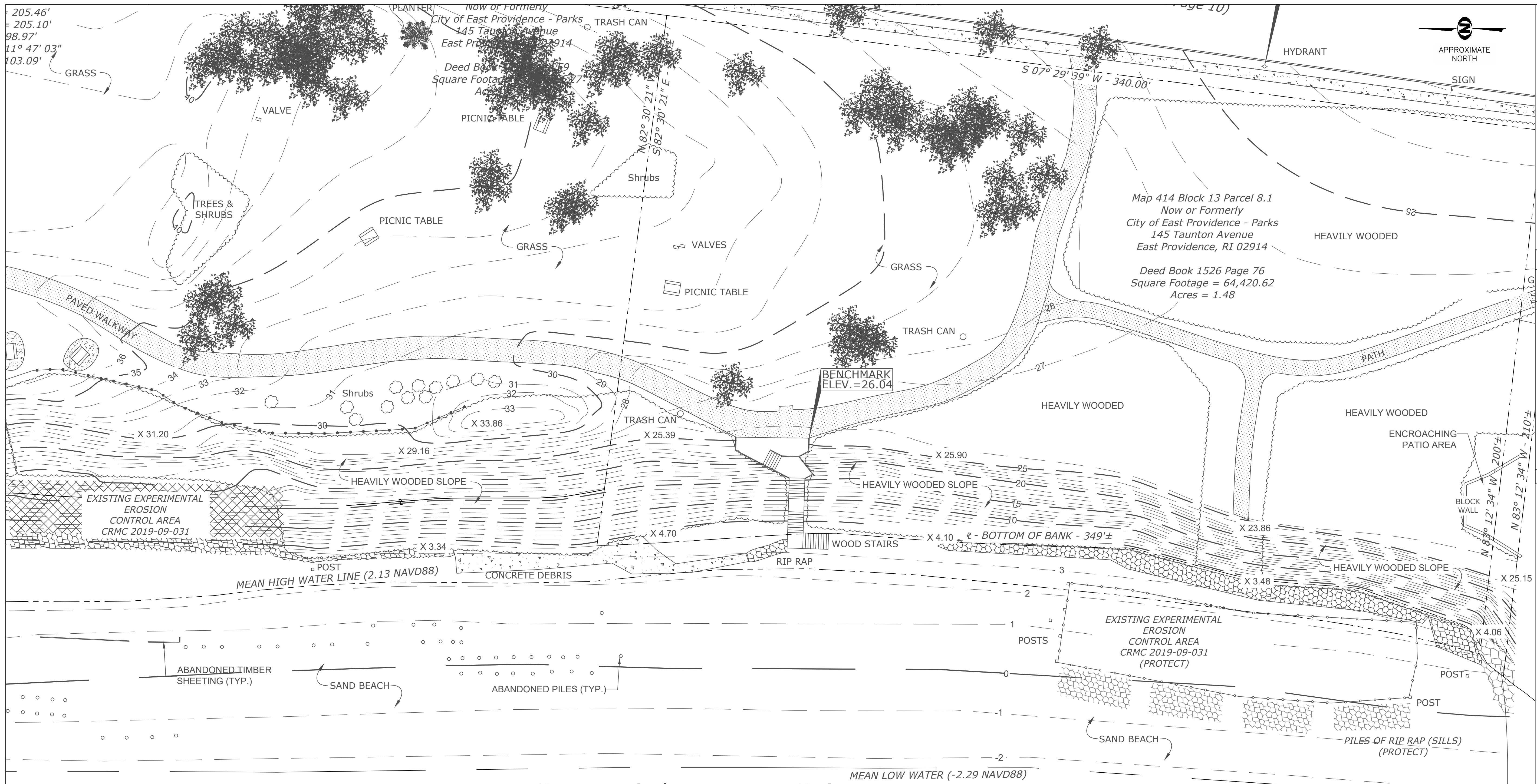
**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE: SEPTEMBER 27, 2024  
DESIGN BY: SMR  
DRAWN BY: SJR / CDD  
CHECKED BY: SMR

PROJECT NUMBER: 22006.00

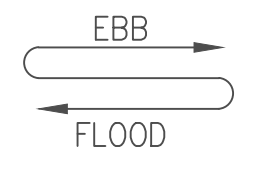
**C-5**  
SHEET 5 OF 18





# Providence River

Type 2 Water Classification - CRMC

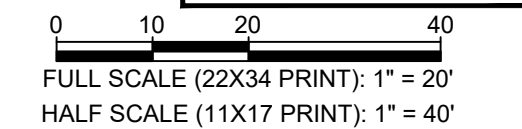


**1** EXISTING CONDITIONS - PRE-STORM  
 SCALE: 1" = 20'

**LEGEND**

	EXISTING PRE-STORM 5' CONTOUR		EXISTING STONE WALL
	EXISTING PRE-STORM 1' CONTOUR		EXISTING UTILITY POLE
	EXISTING OVERHEAD WIRES		EXISTING LIGHT POLE
	EXISTING SEWER MANHOLE		EXISTING WATER GATE
	EXISTING DRAINAGE MANHOLE		EXISTING HYDRANT
	EXISTING CATCH BASIN		EXISTING RIP RAP
	EXISTING BUILDING		EXISTING STONE REVETMENT
	EXISTING SPOT GRADE		
	PROPERTY LINE		

- NOTES:**
- THIS BASE PLAN WAS DEVELOPED FROM THE FOLLOWING AUTOCAD DWG FILE:  
 A. '2020050.DWG' BY THE CITY OF EAST PROVIDENCE DEPARTMENT OF PUBLIC WORKS - ENGINEERING DEPARTMENT.
  - THE FIELD SURVEY FOR THE BASE PLAN WAS COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION ON AUGUST 7, 2020 AND DOES NOT REFLECT RECENT CHANGES TO SITE CONDITIONS. SEE C-7 FOR APPROXIMATE LIMITS OF AREAS WITH RECENT EROSION.



STEPHANIE M. ROBAT  
 No. 12101  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL 9/27/24

**FR ENGINEERING GROUP**  
 2346 Post Road, Suite 202  
 Warwick, RI 02886  
 401-575-1669  
 stephanie.robata@fr-eng.com

REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
 SLOPE REPAIRS & SHORELINE PROTECTION  
 EAST PROVIDENCE, RHODE ISLAND

EXISTING CONDITIONS PLAN - PRE-STORM  
 2 OF 2

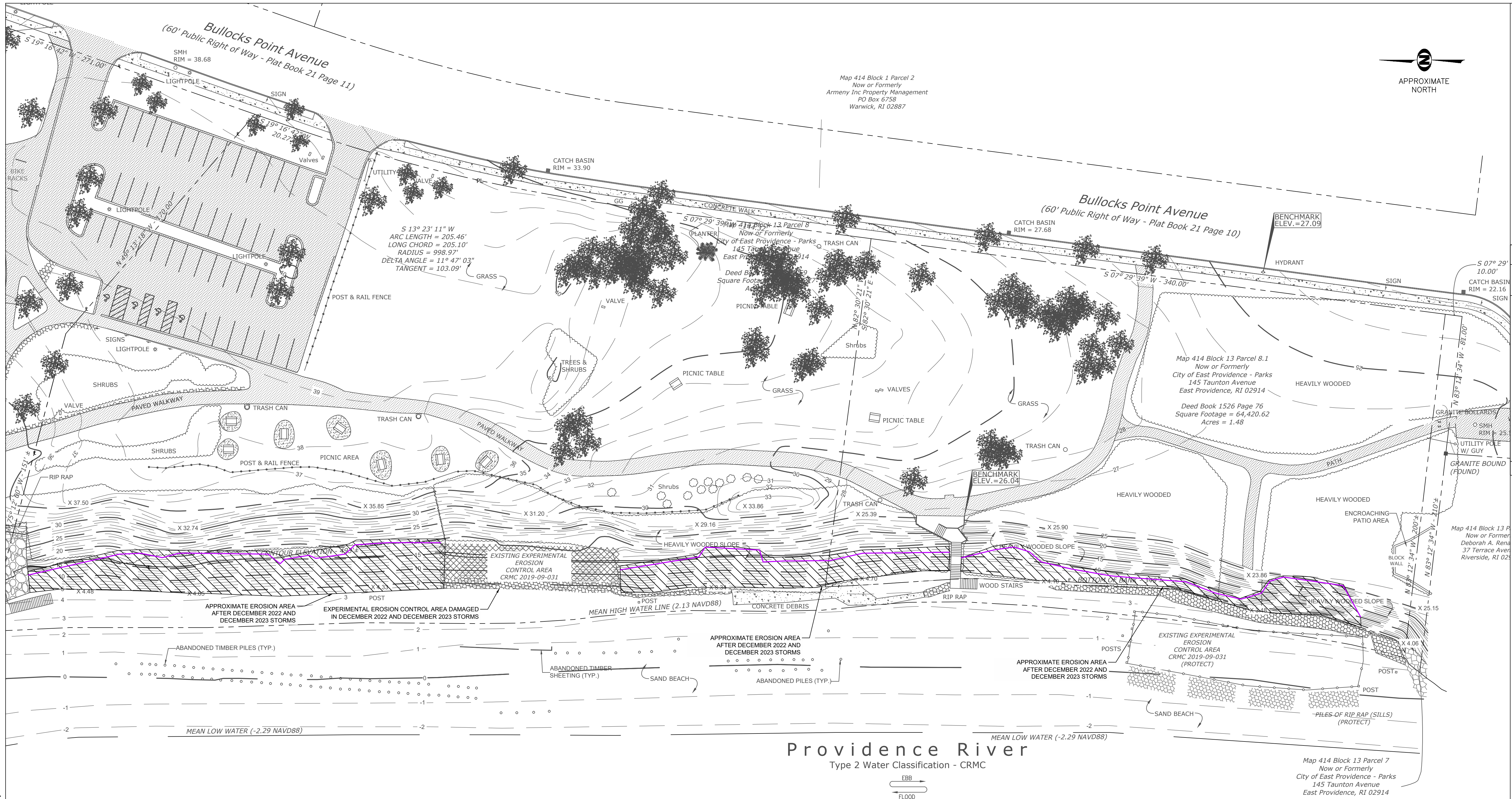
**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE: SEPTEMBER 27, 2024  
 DESIGN BY: SMR  
 DRAWN BY: SJR / CDD  
 CHECKED BY: SMR

PROJECT NUMBER:  
 22006.00

**C-6**  
 SHEET 6 OF 18





**LEGEND**

	EXISTING PRE-STORM 5' CONTOUR		EXISTING STONE WALL
	EXISTING PRE-STORM 1' CONTOUR		EXISTING UTILITY POLE
	EXISTING OVERHEAD WIRES		EXISTING LIGHT POLE
	EXISTING SEWER MANHOLE		EXISTING WATER GATE
	EXISTING DRAINAGE MANHOLE		EXISTING HYDRANT
	EXISTING CATCH BASIN		EXISTING RIP RAP
	EXISTING BUILDING		EXISTING STONE REVETMENT
	EXISTING SPOT GRADE		INDICATES APPROXIMATE AREAS OF EROSION FOLLOWING THE 12/18/23 STORM
	PROPERTY LINE		INDICATES APPROXIMATE LIMITS OF EROSION FOLLOWING THE 12/23/22 STORM

**1** EXISTING CONDITIONS WITH APPROXIMATE AREAS OF EROSION  
C-7 C-7

SCALE: 1" = 30'

**NOTE:**

- APPROXIMATE AREAS OF 2022 EROSION FROM VISUAL OBSERVATIONS ON DECEMBER 29, 2022.
- APPROXIMATE AREAS OF 2023 EROSION FROM VISUAL OBSERVATIONS ON JANUARY 30, 2024.

STEPHANIE M. ROBAT  
12101  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL 9/27/24

0 15 30 60  
FULL SCALE (22X34 PRINT): 1" = 30'  
HALF SCALE (11X17 PRINT): 1" = 60'

**FR ENGINEERING GROUP**  
2346 Post Road, Suite 202  
Warwick, RI 02886  
401-575-1669  
stephanie.robato@fr-eng.com

REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR
#	1	

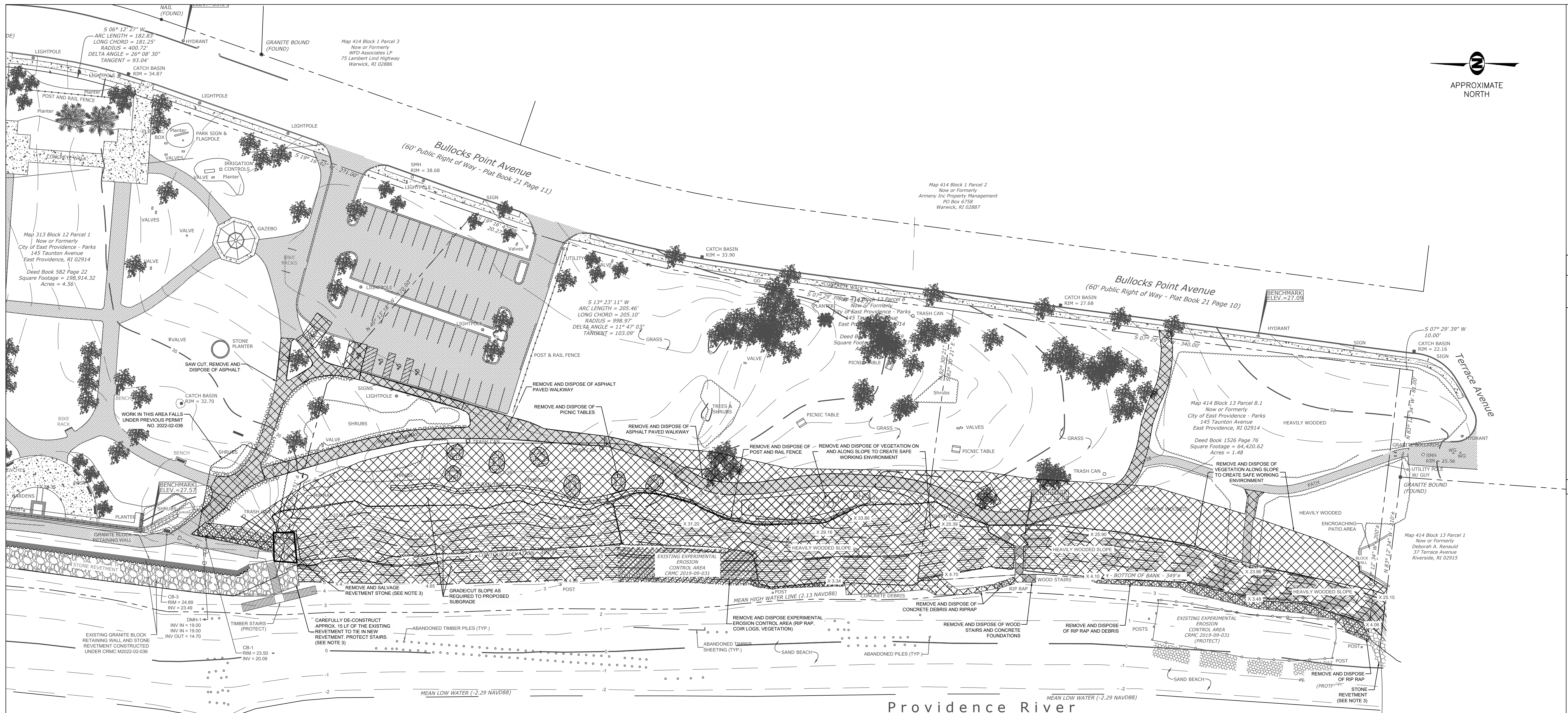
ROSE LARISA MEMORIAL PARK  
SLOPE REPAIRS & SHORELINE PROTECTION  
EAST PROVIDENCE, RHODE ISLAND  
SLOPE EROSION LOCATIONS  
POST-STORM

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE: SEPTEMBER 27, 2024  
DESIGN BY: SMR  
DRAWN BY: ADR/SJR/CDD  
CHECKED BY: SMR  
PROJECT NUMBER: 22006.00

**C-7**  
SHEET 7 OF 18





**FR ENGINEERING GROUP**  
 2346 Post Road, Suite 202  
 Warwick, RI 02886  
 401-575-1569  
 stephanie.rob@fr-eng.com

REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
 SLOPE REPAIRS & SHORELINE PROTECTION  
 EAST PROVIDENCE, RHODE ISLAND  
 DEMOLITION PLAN



**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE: SEPTEMBER 27, 2024  
 DESIGN BY: SMR  
 DRAWN BY: SJR / CDD  
 CHECKED BY: SMR  
 PROJECT NUMBER: 22006.00

**C-8**  
 SHEET 8 OF 18

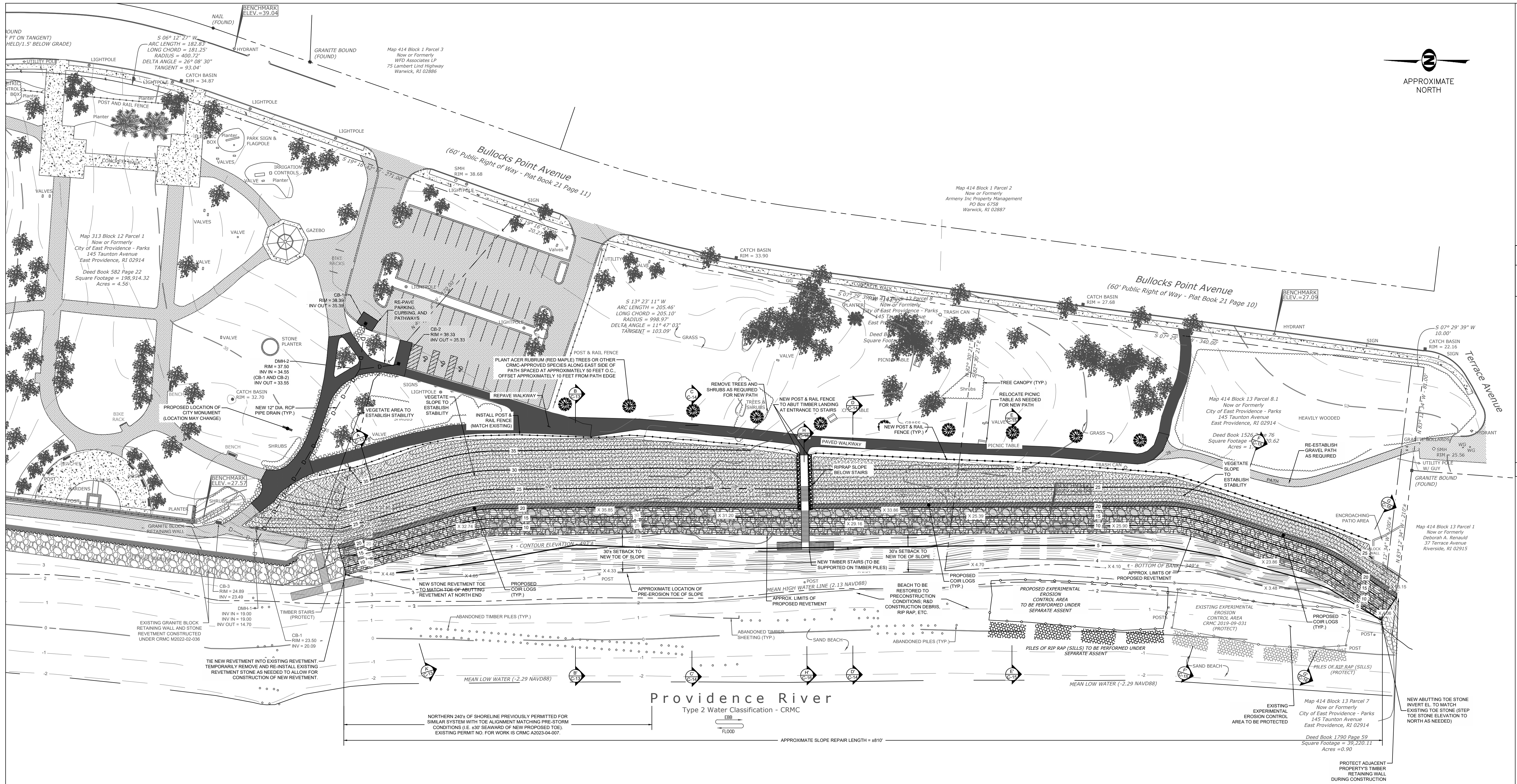
- NOTES:**
- THIS BASE PLAN WAS DEVELOPED FROM THE FOLLOWING AUTOCAD DWG FILE:  
 A. '2020050.DWG' BY THE CITY OF EAST PROVIDENCE DEPARTMENT OF PUBLIC WORKS - ENGINEERING DEPARTMENT.
  - THE SURVEY FOR THE BASE PLAN WAS CONDUCTED PRIOR TO THE COMPLETION OF THE NORTHERN REVETMENT. THE LOCATION OF THE NORTHERN REVETMENT IS APPROXIMATE.
  - CONTRACTOR SHALL CAREFULLY REMOVE ARMOR STONES AT ABUTTING REVETMENT AS NEEDED TO CONSTRUCT NEW REVETMENT WITHOUT DAMAGING THE EXISTING FILTER FABRIC. A CRANE OR SPECIALTY EXCAVATOR IS REQUIRED TO PICK UP THE STONES. USE OF AN EXCAVATOR WITHOUT A THUMB WILL NOT BE ALLOWED. DAMAGE TO ANY EXISTING STRUCTURE WILL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY AND CITY'S ENGINEER AT NO COSTS TO THE CITY.

**LEGEND:**  
 INDICATES AREA IS INCLUDED IN DEMOLITION PLAN

**1 DEMOLITION PLAN**  
 SCALE: 1" = 40'

STEPHANIE M. ROBAT  
 No. 12101  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL 9/27/24

0 20 40 80  
 FULL SCALE (22X34 PRINT): 1" = 40'  
 HALF SCALE (11X17 PRINT): 1" = 80'



REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
 SLOPE REPAIRS & SHORELINE PROTECTION  
 EAST PROVIDENCE, RHODE ISLAND

**PROPOSED CONDITIONS PLAN - OVERALL**

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

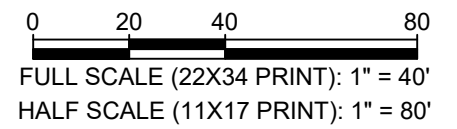
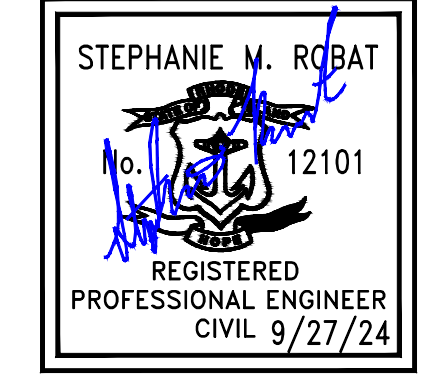
DATE: SEPTEMBER 27, 2024  
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**LEGEND**

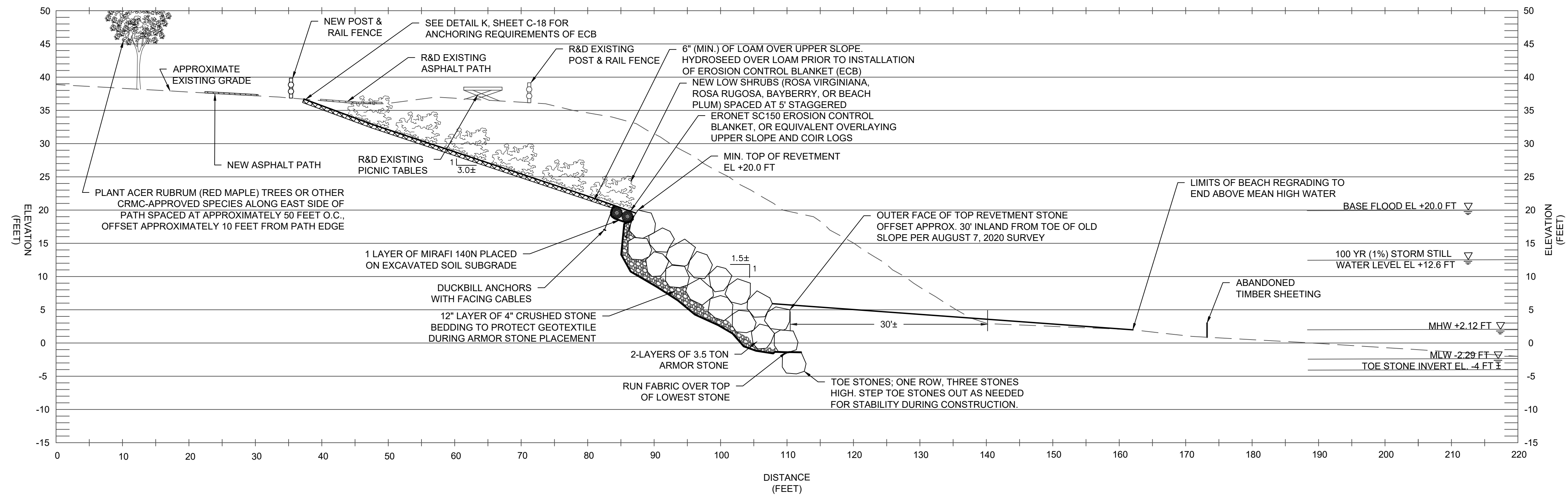
- |  |                           |  |                              |
|--|---------------------------|--|------------------------------|
|  | EXISTING CONTOUR (MAJOR)  |  | EXISTING STONE WALL          |
|  | EXISTING CONTOUR (MINOR)  |  | EXISTING UTILITY POLE        |
|  | PROPOSED CONTOUR (MAJOR)  |  | EXISTING LIGHT POLE          |
|  | PROPOSED CONTOUR (MINOR)  |  | EXISTING WATER GATE          |
|  | EXISTING OVERHEAD WIRES   |  | EXISTING HYDRANT             |
|  | EXISTING SEWER MANHOLE    |  | EXISTING RIP RAP             |
|  | EXISTING DRAINAGE MANHOLE |  | EXISTING STONE REVETMENT     |
|  | EXISTING CATCH BASIN      |  | PROPOSED NEW STONE REVETMENT |
|  | EXISTING BUILDING         |  | PROPOSED VEGETATED SLOPE     |
|  | EXISTING SPOT GRADE       |  | PROPOSED COIR LOGS           |

**1** PROPOSED CONDITIONS  
 SCALE: 1" = 40'

- NOTE:**
- EXCESS SAND GENERATED DURING CONSTRUCTION TO BE EVENLY DISTRIBUTED ALONG BEACH, AS NEEDED. REMAINDER OF EXCESS SAND TO BE TRANSPORTED TO THE CITY'S YARD ON FORBES STREET FOR FUTURE BEACH REPLENISHMENT NEEDS.
  - CLEAN BEACH AT COMPLETION OF WORK TO ALLOW FOR RAKING.



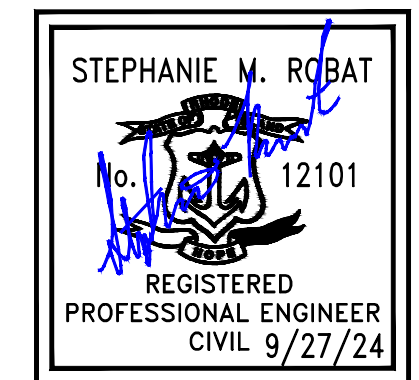




**1** TYPICAL REVETMENT SECTION  
 C-12/C-12 SCALE: 1" = 10'

**NOTES:**

1. A TWO ARMOR STONE LAYER REVETMENT SYSTEM IS SHOWN. A THIRD LAYER OF STONE MAY BE REQUIRED DEPENDING ON THE ACTUAL SIZE AND GEOMETRY OF THE STONES PLACED TO MEET THE MINIMUM TOP OF REVETMENT ELEVATION.
2. RECENTLY ERODED AREAS ARE NOT REFLECTED IN THE APPROXIMATE EXISTING GRADE SHOWN.
3. FEMA HAS ISSUED FIS NO. 44007CV001D, DATED JULY 19, 2023 FOR PROVIDENCE COUNTY, RHODE ISLAND. THE TOP OF THE REVETMENT STONE HAS BEEN SET TO EL. +20 FT TO REFLECT THE BFE PROVIDED FOR THE SITE IN THE REPORT. THE REVETMENT WAS DESIGNED FOR A SIGNIFICANT WAVE HEIGHT OF 7.6 FT IN ACCORDANCE WITH THE 2015 FIS TO MAINTAIN DESIGN CONSISTENCY WITH THE ADJACENT REVETMENT SYSTEMS.
4. CONTRACTOR TO PRUNE OR REMOVE DEAD, UNSTABLE/UNSAFE VEGETATION AS NEEDED TO CREATE A SAFE WORKING ENVIRONMENT. EXISTING TREES AND VEGETATION ALONG SLOPE NOT SHOWN FOR CLARITY.



0 5 10 20  
 FULL SCALE (22X34 PRINT): 1" = 10'  
 HALF SCALE (11X17 PRINT): 1" = 20'

REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
 SLOPE REPAIRS & SHORELINE PROTECTION  
 EAST PROVIDENCE, RHODE ISLAND  
 TYPICAL SLOPE REPAIR SECTION

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE: SEPTEMBER 27, 2024  
 DESIGN BY: SMR  
 DRAWN BY: SMR / CDD  
 CHECKED BY: SJR  
 PROJECT NUMBER: 22006.00

**C-12**  
 SHEET 12 OF 18

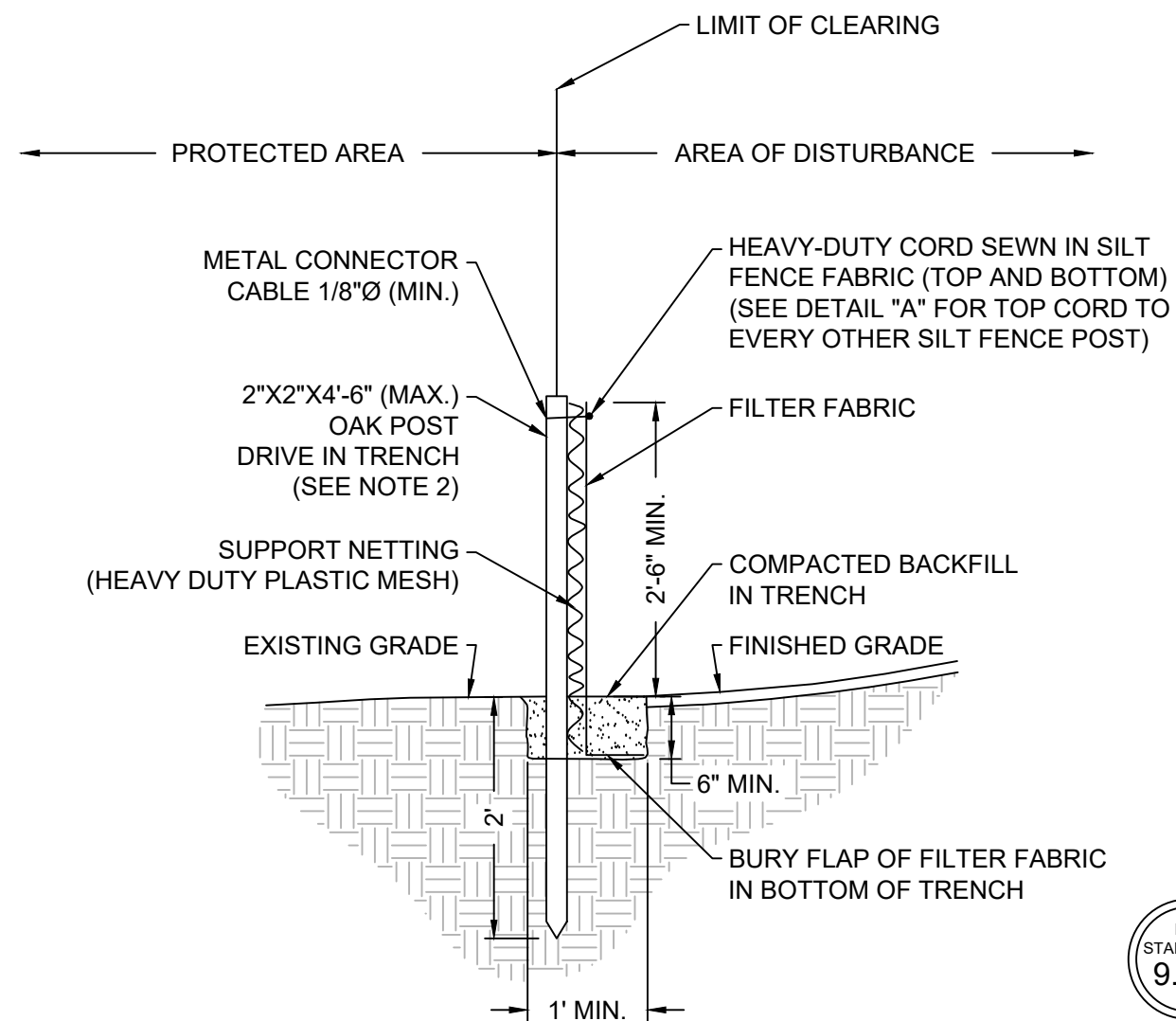




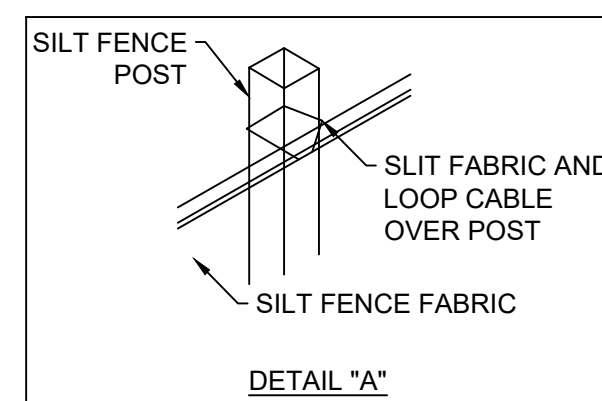




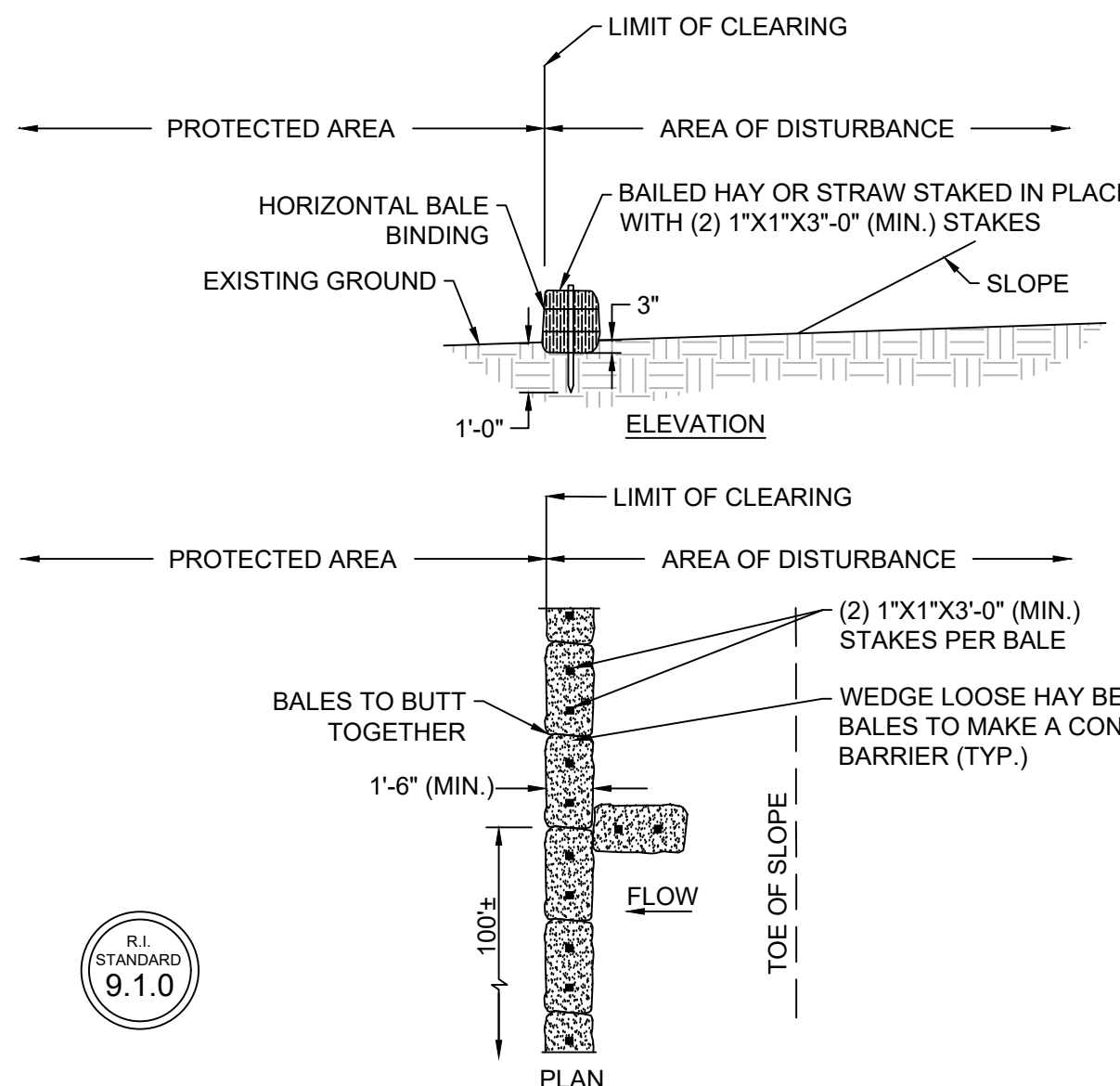




- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 208 OF THE RHODE ISLAND STANDARD SPECIFICATIONS.
  - 2"x2"x4'-6" (MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS.
  - 1"x1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
  - SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

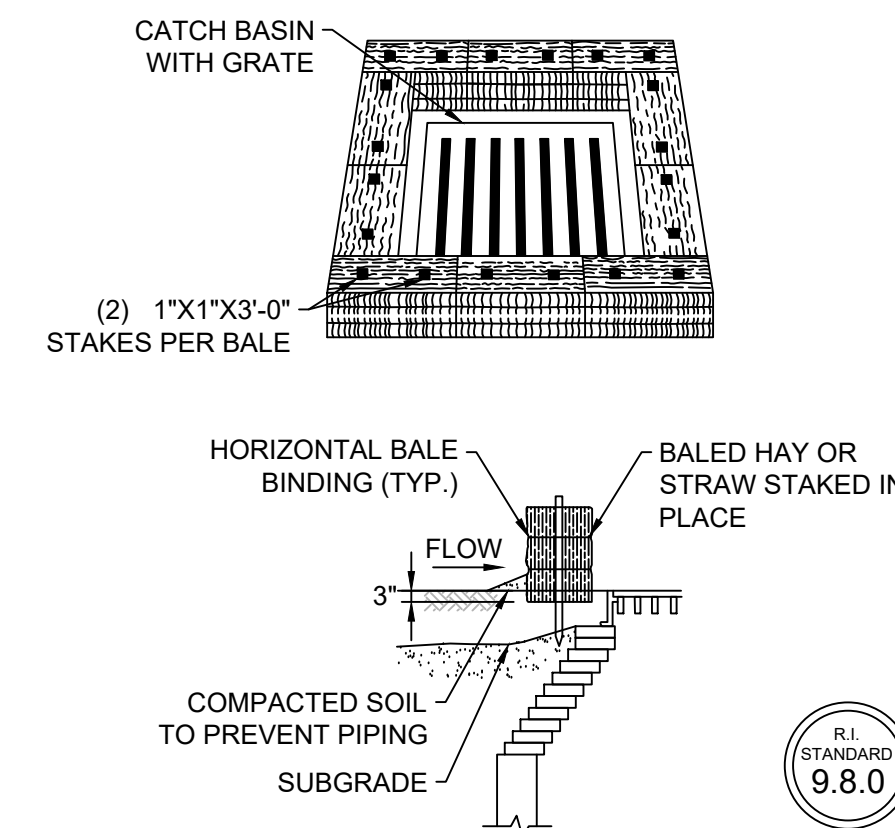


**A SILT FENCE**  
C-17/C-17 SCALE: NTS



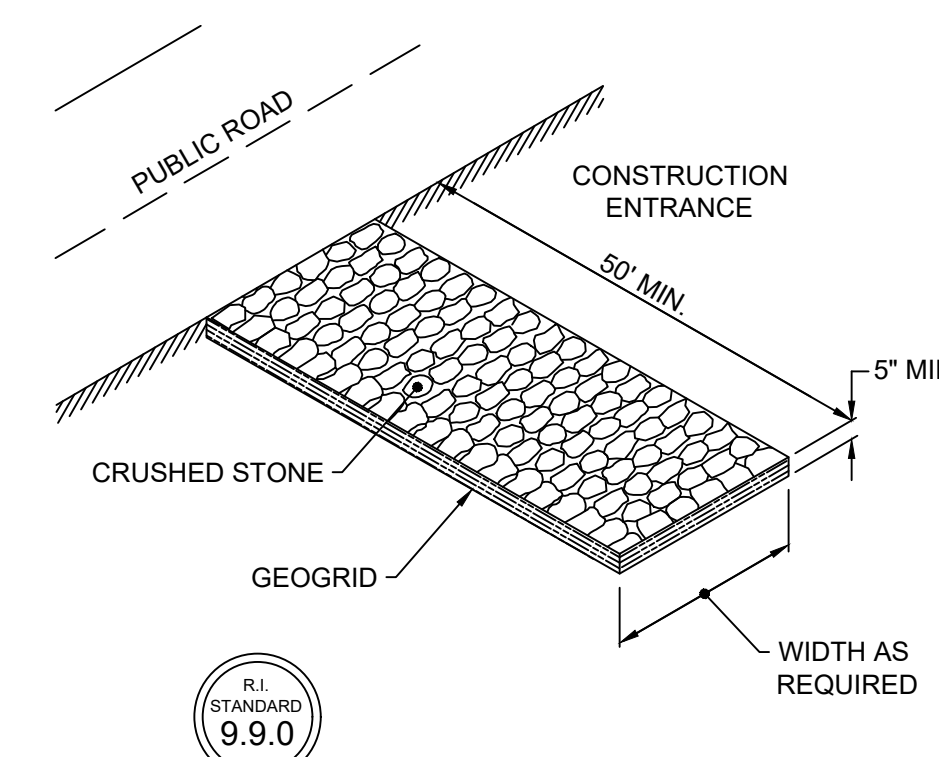
- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE RHODE ISLAND STANDARD SPECIFICATIONS.
  - AT APPROXIMATE 100' INTERVALS, A BALE OF HAY IS TO BUTT PERPENDICULARLY.

**B BALED HAY EROSION CHECK**  
C-17/C-17 SCALE: NTS



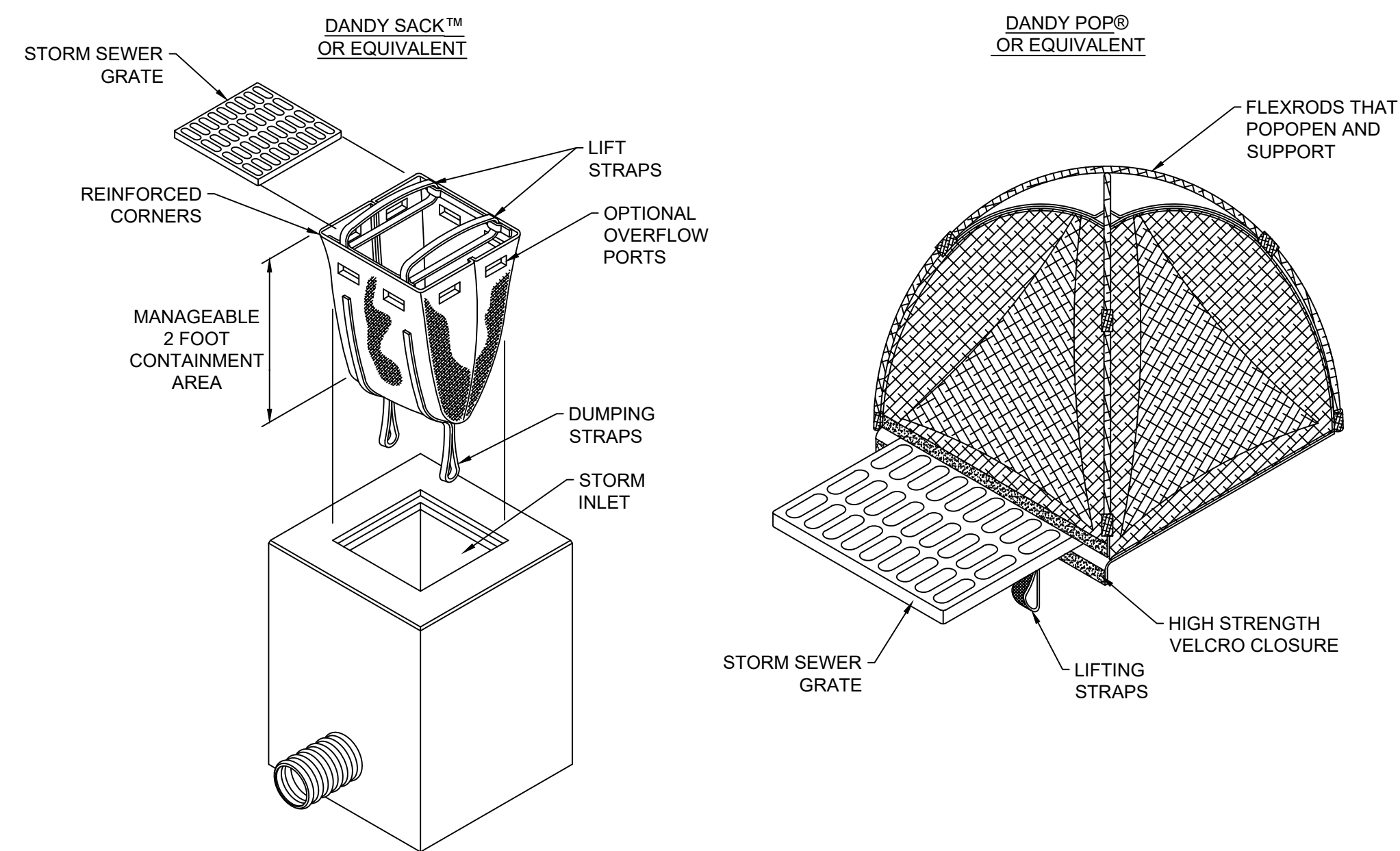
- NOTES:**
- SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND STANDARD SPECIFICATIONS.
  - THIS INLET PROTECTION CAN ALSO BE USED WHEN CONSTRUCTION SEQUENCING REQUIRES A CATCH BASIN TO BE EXPOSED TO SEDIMENT FROM THE SUBGRADE. THIS WILL BE ACHIEVED BY INSTALLING THE BALED HAY AS SHOWN ON THIS DETAIL IN TO THE SUBGRADE.
  - THE PERIMETER CONFIGURATION OF THE BALED HAY WILL VARY DEPENDING ON THE PARTICULAR TYPE OF CATCH BASIN INLET BEING CONSTRUCTED.

**C BALED HAY CATCH BASIN INLET PROTECTION**  
C-17/C-17 SCALE: NTS



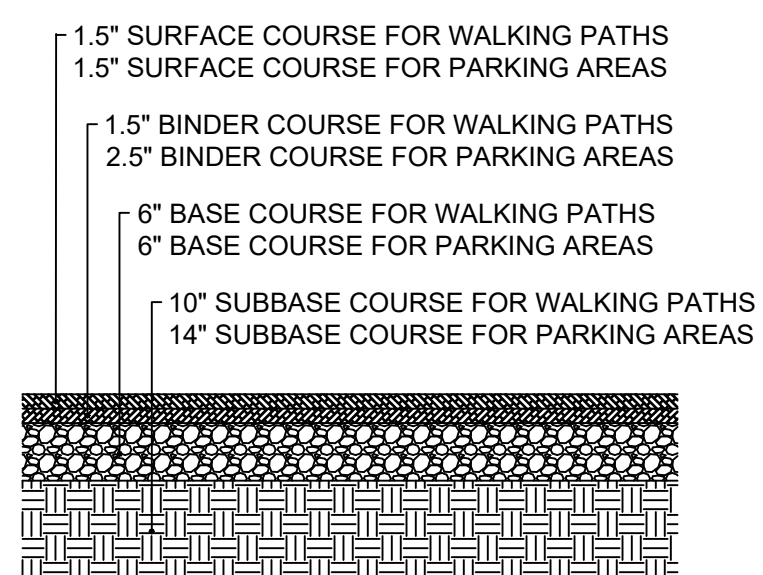
- NOTE:**
- SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE RHODE ISLAND STANDARD SPECIFICATIONS.

**D CONSTRUCTION ENTRANCE**  
C-17/C-17 SCALE: NTS



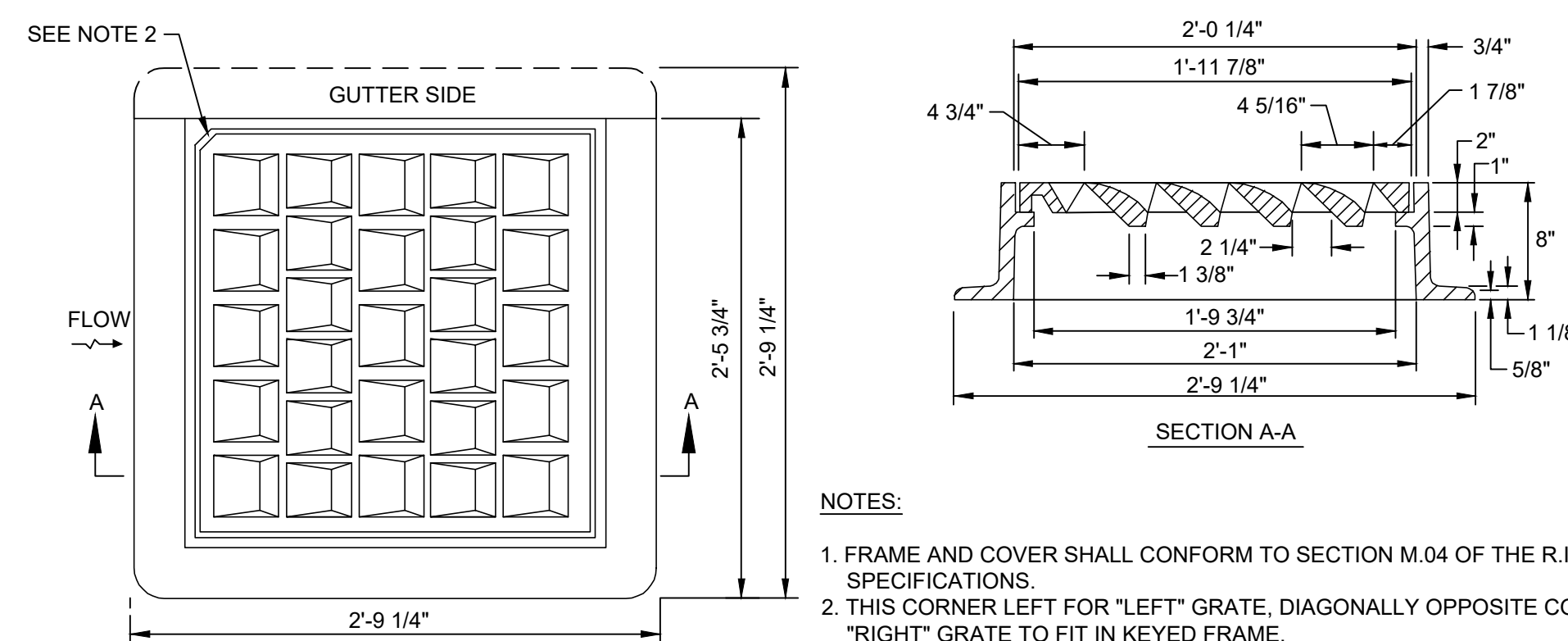
- NOTE:**
- SHALL BE INSTALLED AND MAINTAINED PER THE MANUFACTURER'S RECOMMENDATIONS.

**E CATCH BASIN SEDIMENT PROTECTION**  
C-17/C-17 SCALE: NTS



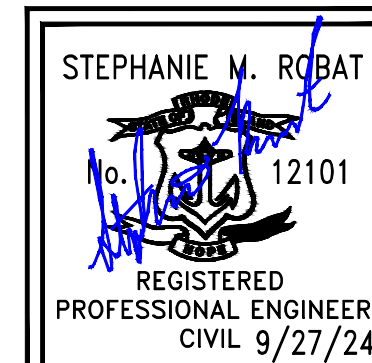
- NOTES:**
- SURFACE AND BINDER COURSE SHALL CONFORM TO RIDOT BLUEBOOK M.03 BITUMINOUS PAVEMENT.
  - BASE COURSE SHALL BE GRAVEL BORROW CONFORMING TO RIDOT BLUEBOOK M01.09, TABLE 1, I, "GRAVEL BORROW", 1A (<8 PASSING #200 SIEVE).
  - SUBBASE SHALL BE PERVIOUS FILL CONFORMING TO RIDOT BLUEBOOK M01.09, TABLE 1, IV, "PREVIOUS FILL", TYPE D.
  - EXPOSED SUBGRADE SHALL BE PROOF ROLLED OR PROOF COMPACTED PRIOR TO PLACING SUBBASE. WEAK AREAS SHALL BE EXCAVATED AND REPLACED WITH PERVIOUS FILL COMPACTED TO A MIN. 95% OF THE MODIFIED PROCTOR DENSITY.
  - BASE AND SUBBASE COURSES SHALL BE COMPACTED TO A MIN. OF 95% OF THE MODIFIED PROCTOR DENSITY.
  - RE-STRIPE PAVEMENT WHERE NEEDED TO MATCH EXISTING CONDITIONS.

**F PAVEMENT**  
C-17/C-17 SCALE: NTS



- NOTES:**
- FRAME AND COVER SHALL CONFORM TO SECTION M.04 OF THE R.I. STANDARD SPECIFICATIONS.
  - THIS CORNER LEFT FOR "LEFT" GRATE. DIAGONALLY OPPOSITE CORNER FOR "RIGHT" GRATE TO FIT IN KEYED FRAME.

**G HIGH CAPACITY FRAME AND GRATE (BICYCLE SAFE)**  
C-17/C-17 SCALE: NTS



**FR ENGINEERING GROUP**  
2346 Post Road, Suite 202  
Warwick, RI 02886  
stephanie.robat@fr-eng.com  
401-575-1669

REVISION DESCRIPTION	DATE	BY
ISSUED FOR PERMIT	9/27/24	SMR

ROSE LARISA MEMORIAL PARK  
SLOPE REPAIRS & SHORELINE PROTECTION  
EAST PROVIDENCE, RHODE ISLAND

TYPICAL DETAILS  
1 OF 2

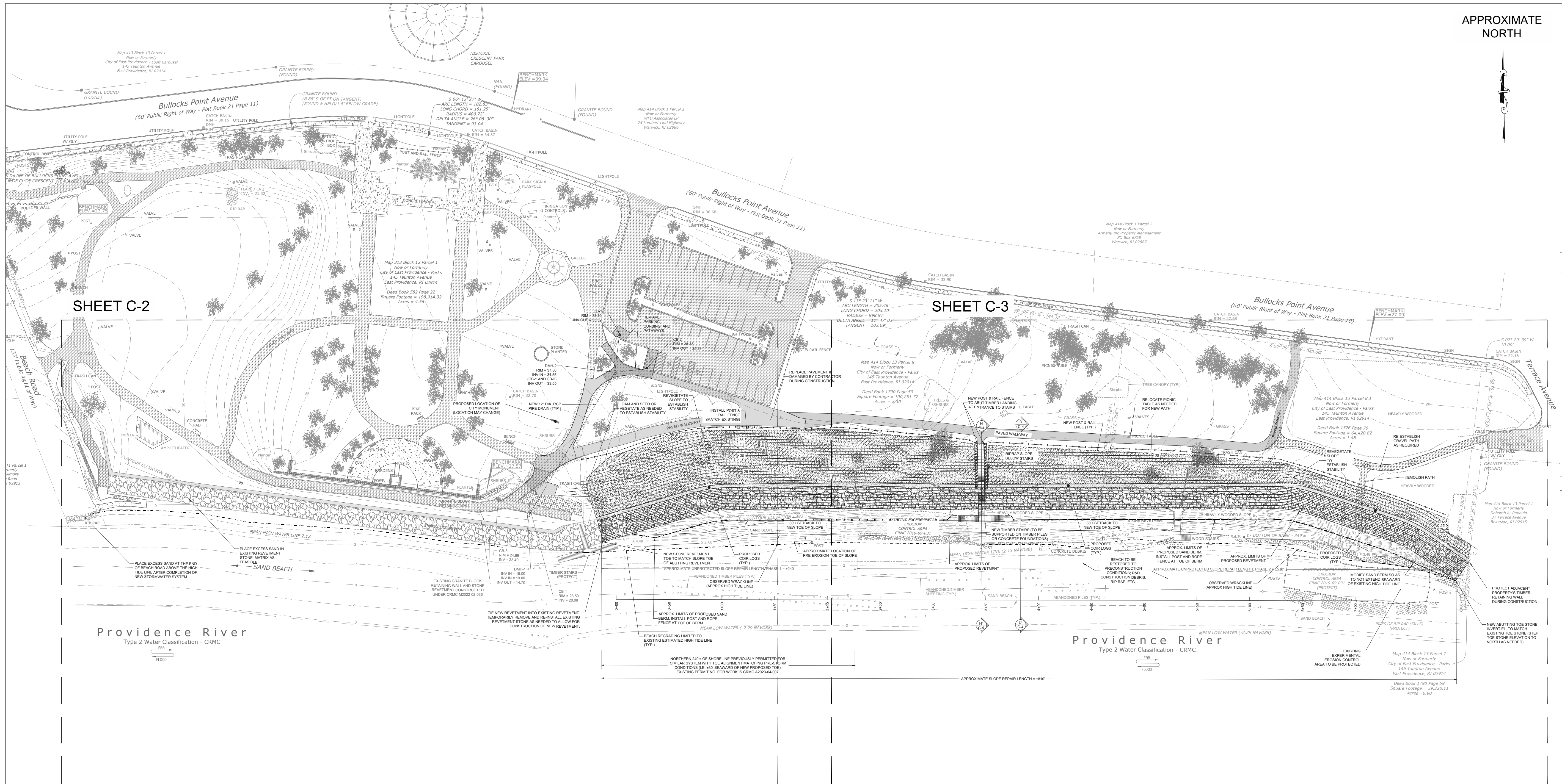
RECEIVED  
10/1/2024  
COASTAL RESOURCES  
MANAGEMENT COUNCIL

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE:  
SEPTEMBER 27, 2024  
DESIGN BY: SMR  
DRAWN BY: SJR / CDD  
CHECKED BY: SMR  
PROJECT NUMBER:  
22006.00

**C-17**  
SHEET 17 OF 18





APPROXIMATE NORTH

SHEET C-2

SHEET C-3

**FR ENGINEERING GROUP**  
 2346 Post Road, Suite 202  
 Warwick, RI 02886  
 401-575-1569  
 stephanie.robat@fr-eng.com

REVISION #	DESCRIPTION	DATE	BY

**CRESCENT PARK SHORELINE PROTECTION  
 CRESCENT PARK  
 EAST PROVIDENCE, RHODE ISLAND  
 PROPOSED SAND PLACEMENT PLAN - OVERALL**

**1** PROPOSED SAND PLACEMENT PLAN - OVERALL  
 SCALE: 1" = 50'

**LEGEND**

	EXISTING CONTOUR (MAJOR)		EXISTING RIP RAP
	EXISTING CONTOUR (MINOR)		EXISTING STONE REVETMENT
	ESTIMATED HIGH TIDE LINE		PROPOSED NEW STONE REVETMENT
	PROPOSED CONTOUR (MAJOR)		PROPOSED VEGETATED SLOPE
	PROPOSED CONTOUR (MINOR)		PROPOSED COIR LOGS
	PROPOSED TOE OF SAND BERM / POST & ROPE FENCE		
	EXISTING OVERHEAD WIRES		
	EXISTING SEWER MANHOLE		
	EXISTING DRAINAGE MANHOLE		
	EXISTING CATCH BASIN		
	EXISTING BUILDING		
	EXISTING SPOT GRADE		
	EXISTING STONE WALL		
	EXISTING UTILITY POLE		
	EXISTING LIGHT POLE		
	EXISTING WATER GATE		
	EXISTING HYDRANT		

**NOTES**

- THIS BASE PLAN WAS DEVELOPED FROM THE FOLLOWING AUTOCAD DWG FILE:  
 1.1. "2020050.DWG" BY THE CITY OF EAST PROVIDENCE DEPARTMENT OF PUBLIC WORKS - ENGINEERING DEPARTMENT.
- THE FIELD SURVEY FOR THE BASE PLAN WAS COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION ON AUGUST 7, 2020 AND DOES NOT REFLECT RECENT CHANGES TO SITE CONDITIONS.
- THE WRACKLINE IS BASED ON LIMITED SURVEY INFORMATION OBTAINED BY FR ENGINEERING GROUP ON 12/24/2024 USING AN EMLID REACH RS3 GPS USING RTK CORRECTIONS. INFORMATION SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHODS USED AND REFLECT THE CONDITIONS OF THE SITE AT THE TIME OF THE SURVEY.
- EXCESS SAND GENERATED DURING CONSTRUCTION TO BE USED AS NOTED. REMAINDER OF EXCESS SAND TO BE TRANSPORTED TO THE CITY'S YARD ON FORBES STREET FOR FUTURE BEACH REPLENISHMENT NEEDS.

Received  
 5/23/2025  
 Coastal Resources  
 Management Council

STEPHANIE M. ROBAT  
 0. 12101  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL 5/22/25

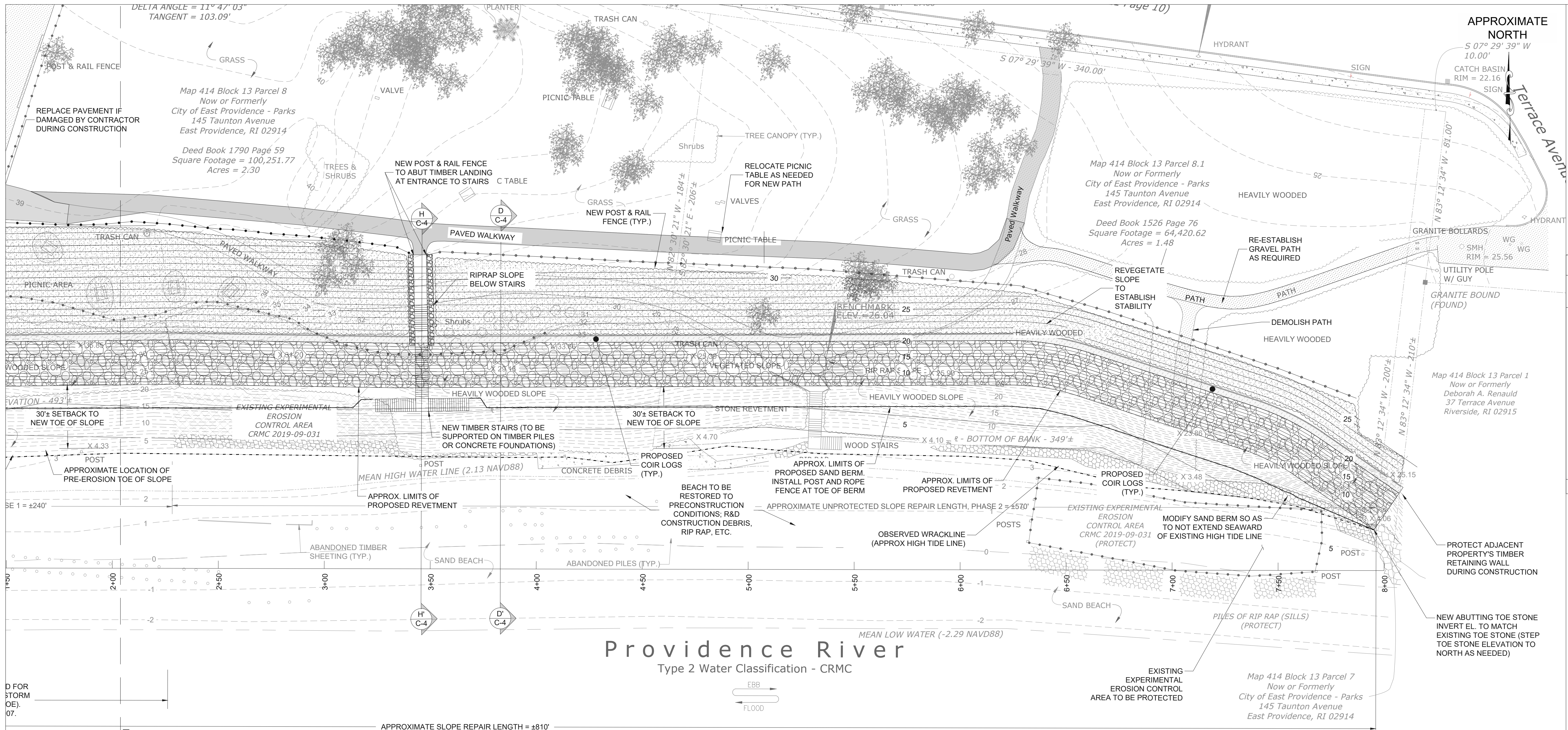
0' 25' 50' 100'  
 FULL SCALE (22X34 PRINT): 1" = 50'  
 HALF SCALE (11X17 PRINT): 1" = 100'

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

DATE: MAY 22, 2025  
 DESIGN BY: SMR  
 DRAWN BY: BMF  
 CHECKED BY: SMR  
 PROJECT NUMBER: 22006.00

**C-1**  
 SHEET 1 OF 5





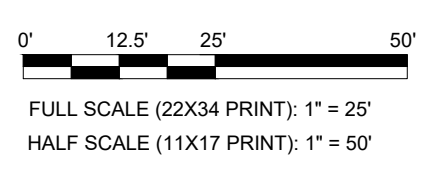
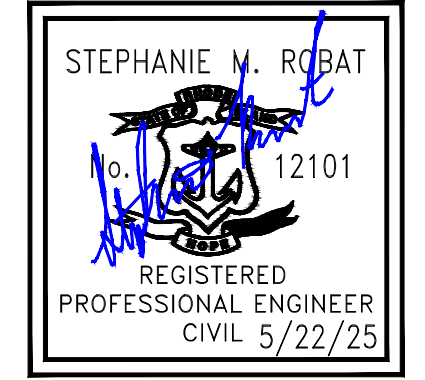
# PROVIDENCE RIVER

Type 2 Water Classification - CRMC

**1 PROPOSED SAND PLACEMENT PLAN**  
SCALE: 1" = 25'

- LEGEND**
- EXISTING CONTOUR (MAJOR)
  - EXISTING CONTOUR (MINOR)
  - ESTIMATED HIGH TIDE LINE
  - PROPOSED CONTOUR (MAJOR)
  - PROPOSED CONTOUR (MINOR)
  - PROPOSED TOE OF SAND BERM / POST & ROPE FENCE
  - EXISTING OVERHEAD WIRES
  - EXISTING SEWER MANHOLE
  - EXISTING DRAINAGE MANHOLE
  - EXISTING CATCH BASIN
  - EXISTING BUILDING
  - EXISTING SPOT GRADE
  - EXISTING STONE WALL
  - EXISTING UTILITY POLE
  - EXISTING LIGHT POLE
  - EXISTING WATER GATE
  - EXISTING HYDRANT
  - EXISTING RIP RAP
  - EXISTING STONE REVETMENT
  - PROPOSED NEW STONE REVETMENT
  - PROPOSED VEGETATED SLOPE
  - PROPOSED COIR LOGS

- NOTES**
- THIS BASE PLAN WAS DEVELOPED FROM THE FOLLOWING AUTOCAD DWG FILE: 1.1. '2020060.DWG' BY THE CITY OF EAST PROVIDENCE DEPARTMENT OF PUBLIC WORKS - ENGINEERING DEPARTMENT.
  - THE FIELD SURVEY FOR THE BASE PLAN WAS COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION ON AUGUST 7, 2020 AND DOES NOT REFLECT RECENT CHANGES TO SITE CONDITIONS.
  - THE WRACKLINE IS BASED ON LIMITED SURVEY INFORMATION OBTAINED BY FR ENGINEERING GROUP ON 12/24/2024 USING AN EMLID REACH RS3 GPS USING RTK CORRECTIONS. INFORMATION SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHODS USED AND REFLECT THE CONDITIONS OF THE SITE AT THE TIME OF THE SURVEY.
  - EXCESS SAND GENERATED DURING CONSTRUCTION TO BE USED AS NOTED. REMAINDER OF EXCESS SAND TO BE TRANSPORTED TO THE CITY'S YARD ON FORBES STREET FOR FUTURE BEACH REPLENISHMENT NEEDS.



#	REVISION DESCRIPTION	DATE	BY

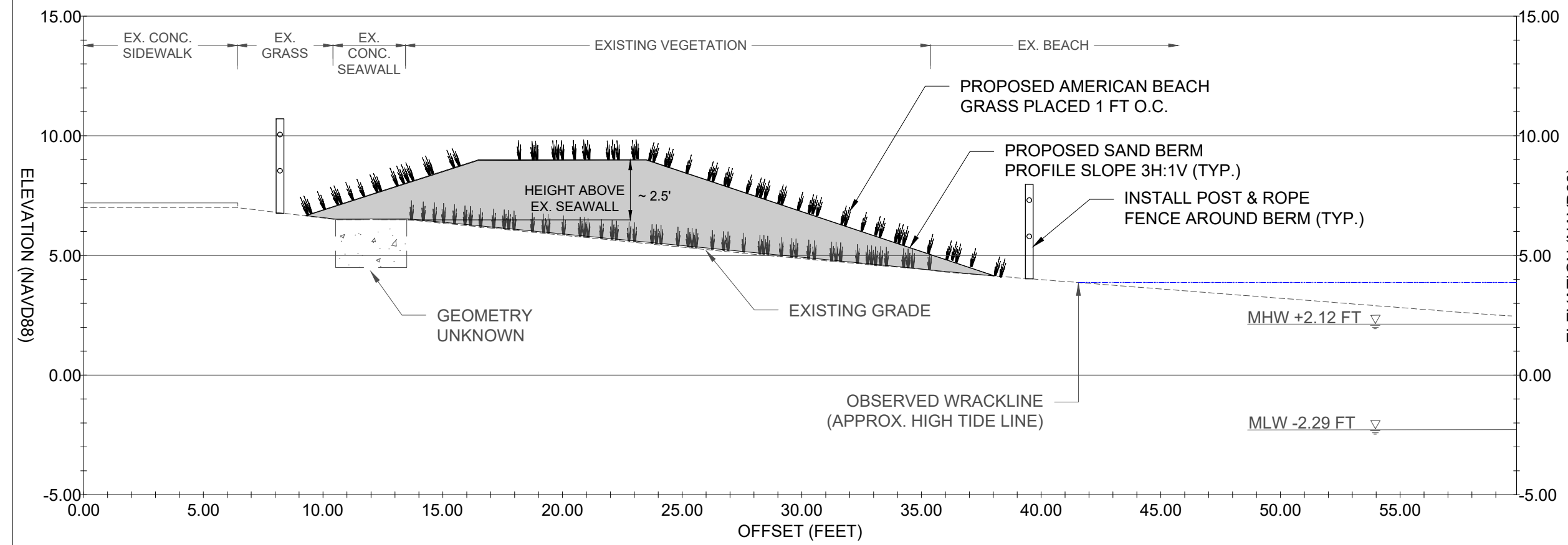
CRESCENT PARK SHORELINE PROTECTION  
CRESCENT PARK  
EAST PROVIDENCE, RHODE ISLAND  
PROPOSED SAND PLACEMENT PLAN - 2 OF 2

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

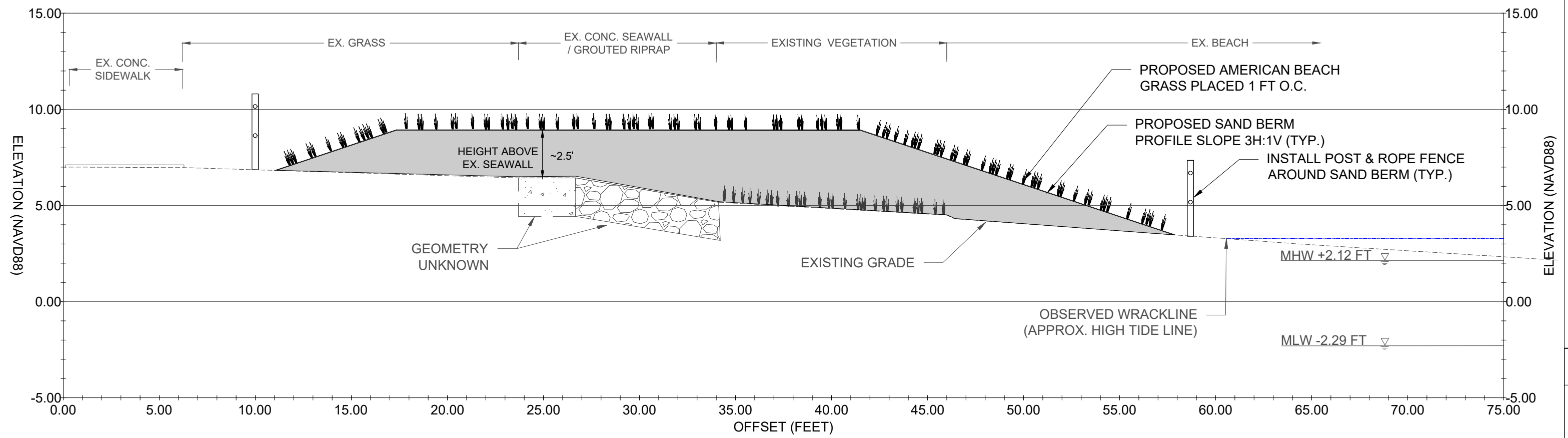
DATE: MAY 22, 2025  
DESIGN BY: SMR  
DRAWN BY: BMF  
CHECKED BY: SMR  
PROJECT NUMBER: 22006.00

**C-3**  
SHEET 3 OF 5

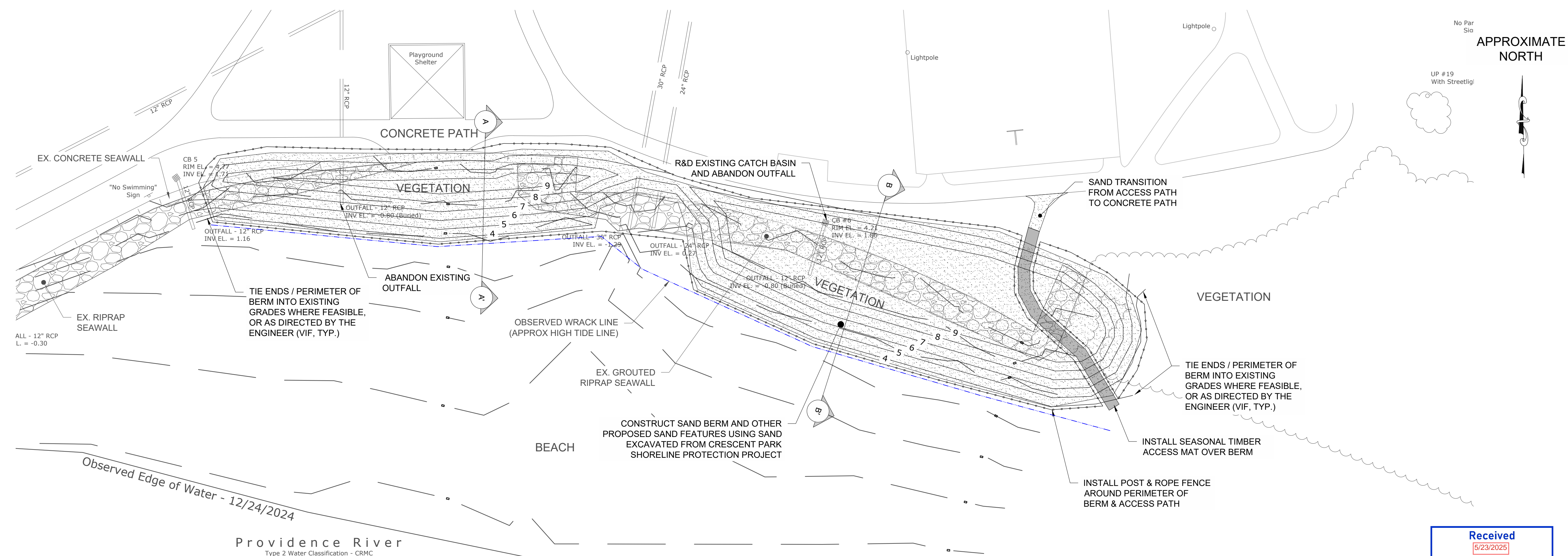




**A-A'** SAND BERM SECTION A-A'  
C-5 C-5 SCALE: 1" = 5'



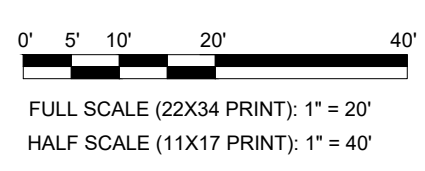
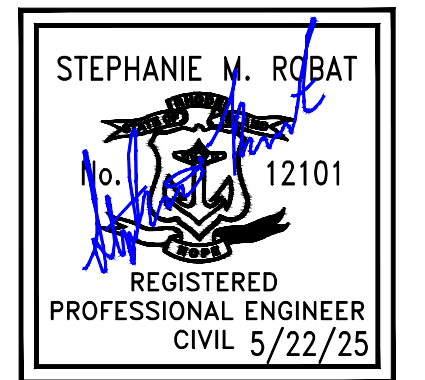
**B-B'** SAND BERM SECTION B-B'  
C-5 C-5 SCALE: 1" = 5'



- LEGEND**
- EXISTING 1' MINOR CONTOUR
  - EXISTING 5' MAJOR CONTOUR
  - EXISTING VEGETATION
  - EXISTING SITE FEATURE / STRUCTURE
  - ESTIMATED HIGH TIDE LINE
  - EXISTING RIP RAP
  - PROPOSED POST & ROPE FENCE
  - PROPOSED CONTOUR
  - PROPOSED TIMBER ACCESS PATH
  - PROPOSED SAND BERM / PATH

**1** PROPOSED SAND BERM PLAN  
C-5 C-5 SCALE: 1" = 20'

- NOTES**
1. THIS PLAN HAS BEEN ISSUED FOR PERMITTING PURPOSES ONLY AND IS NOT CONSIDERED SUFFICIENT FOR CONSTRUCTION.
  2. THIS BASE PLAN WAS DEVELOPED FROM AN EXISTING SURVEY PLAN OF SABIN POINT BY THE CITY OF EAST PROVIDENCE, DATED 11/06/201 AND CAN ONLY REFLECT THE CONDITIONS OF THE SITE AT THAT TIME.
  3. THE WRACKLINE IS BASED ON LIMITED SURVEY INFORMATION OBTAINED BY FR ENGINEERING GROUP ON 12/24/2024 USING AN EMLID REACH RS3 GPS USING RTK CORRECTIONS. INFORMATION SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHODS USED AND REFLECT THE CONDITIONS OF THE SITE AT THE TIME OF THE SURVEY.
  4. ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



REVISION #	DESCRIPTION	DATE	BY

CRESCENT PARK SHORELINE PROTECTION  
SABIN POINT WATERFRONT PARK  
EAST PROVIDENCE, RHODE ISLAND  
**PROPOSED SAND BERM PLAN  
& TYPICAL SECTIONS**

**PERMIT PLAN SET**  
**NOT FOR CONSTRUCTION**

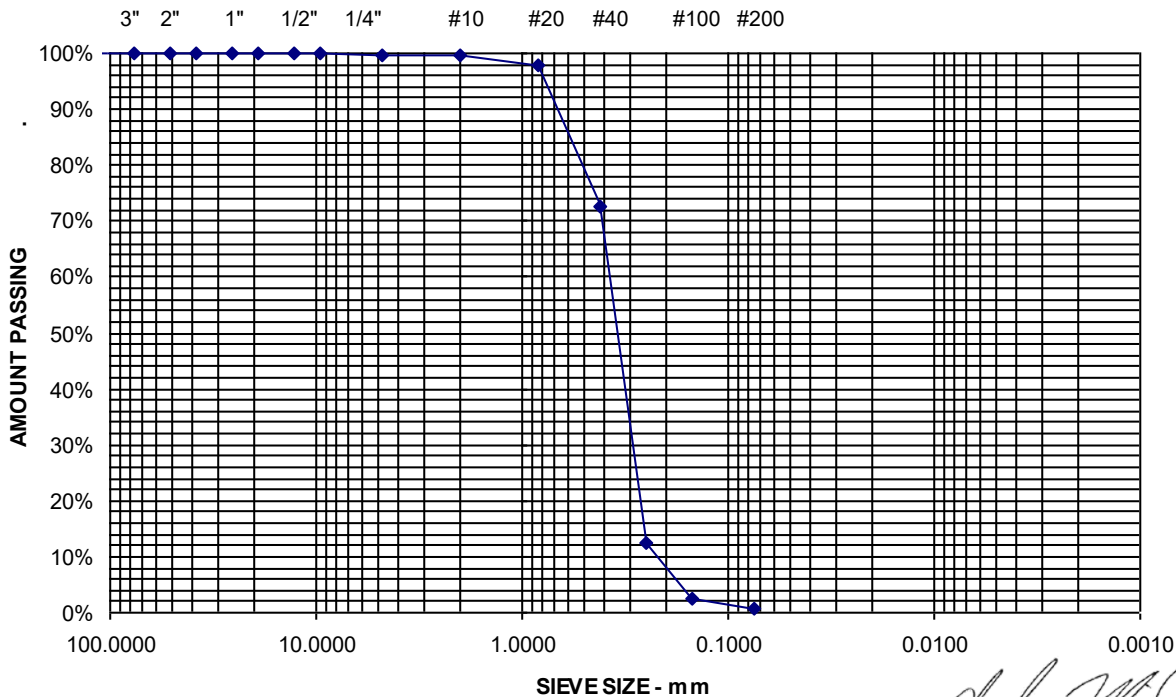
DATE: MAY 22, 2025  
DESIGN BY: SMR  
DRAWN BY: SJR  
CHECKED BY: SMR  
PROJECT NUMBER: 22006.00

Project Name RIVERSIDE RI - ROSE LARISA PARK SOUTHERN SHORELINE  
PROTECTION - LABORATORY TESTING SERVICES  
Client FR ENGINEERING GROUP, INC.  
Material Type SAND  
Material Source S-1 NORTH GRAB (FREG #22006.00)

Project Number 24-2479  
Lab ID 1727R  
Date Received 12/20/2024  
Date Completed 12/30/2024  
Tested By NATHANIEL MATTHIAS

<u>STANDARD</u> <u>DESIGNATION (mm/μm)</u>	<u>SIEVE SIZE</u>	<u>AMOUNT PASSING (%)</u>	<u>SPECIFICATIONS (%)</u>
150 mm	6"	100	
100 mm	4"	100	
75 mm	3"	100	
50 mm	2"	100	
38.1 mm	1-1/2"	100	
25.0 mm	1"	100	
19.0 mm	3/4"	100	
12.5 mm	1/2"	100	
9.5 mm	3/8"	100	
4.75 mm	No. 4	100	
2.00 mm	No. 10	99	
850 μm	No. 20	98	
425 μm	No. 40	73	
250 μm	No. 60	13	
150 μm	No. 100	3	
75 μm	No. 200	0.6	

**Received**  
5/23/2025  
**Coastal Resources  
Management Council**



Comments

