



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: 2025-02-078 Date: May 28, 2025

This office has under consideration the application of:

Department of Transportation

Attn: Alisa Richardson
360 Lincoln Avenue
Warwick, RI 02888

for a State of Rhode Island Assent to construct and maintain: The proposed rehabilitation work for the bridge (Barrington Bridge #123) includes the replacement of the deck expansion joint glands, minor concrete patching repairs of the substructure and concrete arch panels, restoring the contact area at select bearings, underwater repairs to the tremie seals of the bridge piers (Piers 1-4), and the installation of scour countermeasures. Underwater repairs include void repairs, grout bags stacked by divers around the tremie to an elevation 18-inches above the top of the existing tremie. Riprap will also be placed by divers along the river bed between the piers, sloping up from the existing mudline to the elevation of the top of the grout bags.

Project Location:	Barrington Bridge #123 (County Rd.)
City/Town:	Barrington
Waterway:	Barrington River

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 **June 28, 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.

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
-	RI	405-421-991	2019	1	10

INDEX

SHEET NO.	DESCRIPTION
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3	GENERAL NOTES II
4	PIER 5 EXISTING CONDITIONS PLAN AND SECTION
5	PIER 6 EXISTING CONDITIONS PLAN AND SECTION
6	GENERAL REPAIR PLAN
7	REPAIR DETAILS I
8	REPAIR DETAILS II
9	MAINTENANCE AND PROTECTION OF TRAFFIC PLAN-1
10	MAINTENANCE AND PROTECTION OF TRAFFIC PLAN-2

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

PLAN, PROFILE AND SECTIONS OF PROPOSED STATE HIGHWAY BARRINGTON BRIDGE NO. 123 UNDERWATER REPAIRS

TOWN OF BARRINGTON
COUNTY OF BRISTOL

R.I. CONTRACT NO. 2019-CB-107 F.A. PROJECT NO. 405-421-991



LOCATION MAP
1"=400'

RECEIVED
 2/21/2025
 COASTAL RESOURCES
 MANAGEMENT COUNCIL

DESIGN	DESIGNATION
2013 A.D.T.	18,476 V.P.D.
2013 A.D.T.	18,315 V.P.D.
D.H.V.	52%
T.	2%
DESIGN SPEED	35 M.P.H.

HYDRAULIC DATA*

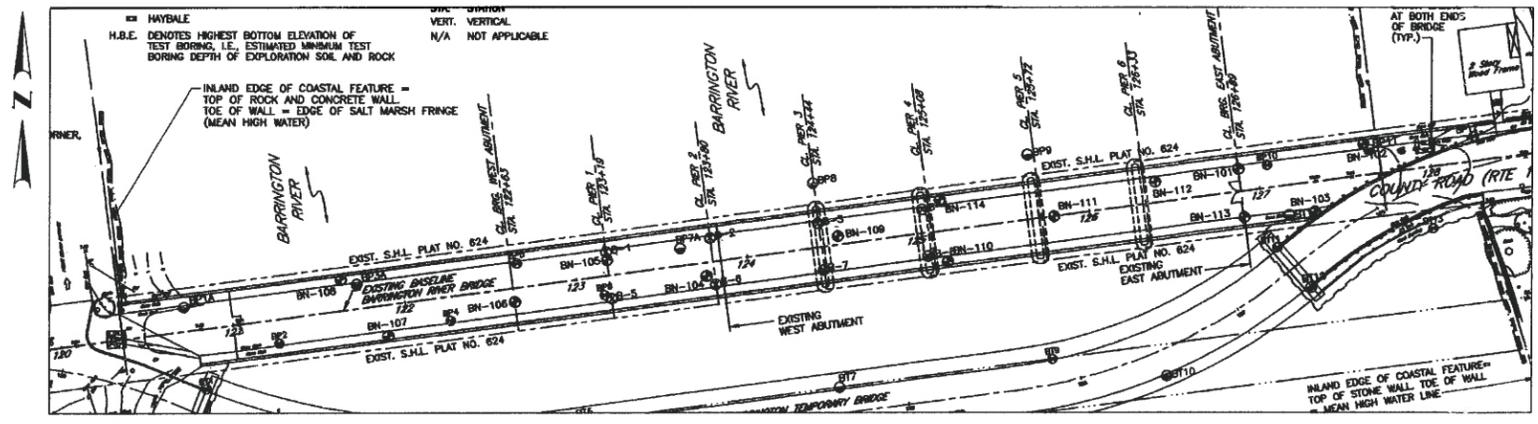
BARRINGTON RIVER	
DRAINAGE AREA	15 SQ. MILES
DESIGN CRITERIA	100 YEAR
PEAK VELOCITY	7.1 F.P.S.
PEAK FLOW	21,000 C.F.S.
DESIGN FLOOD ELEVATION	EL. 18.00

ROUTE 114 FUNCTIONAL CLASSIFICATION
"PRINCIPAL ARTERIAL"

* FROM ARCHIVE PLANS

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS

SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED MARCH 2018, WITH ALL REVISIONS AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.



LAYOUT PLAN
1"=50'

BASE OF LEVELS
Barrington Mean High Water

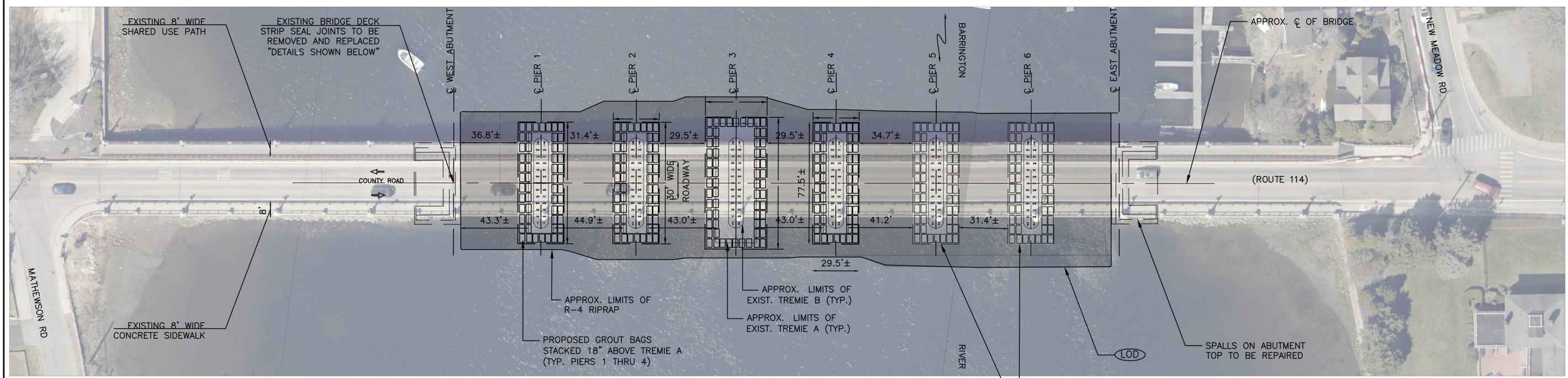
Rhode Island State Plane Coordinate System, NAD83

COLLINS ENGINEERS
 1485 SOUTH COUNTY TRAIL, SUITE 103
 EAST GREENWICH, RI 02818
 MAIN 401.732.7714
 FAX 401.732.7760
 WWW.COLLINSENGR.COM

Contract Number 2019-CB-107
 Number of Sheet 1
 Total Sheets 10

R.I. DEPARTMENT OF TRANSPORTATION	
APPROVED	
DEPUTY CHIEF ENGINEER	DATE
APPROVED	
CHIEF ENGINEER	DATE
APPROVED	
DIRECTOR	DATE
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	
DIVISION ADMINISTRATOR	DATE

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SEP 26 2019
COASTAL RESOURCES
MANAGEMENT COUNCIL

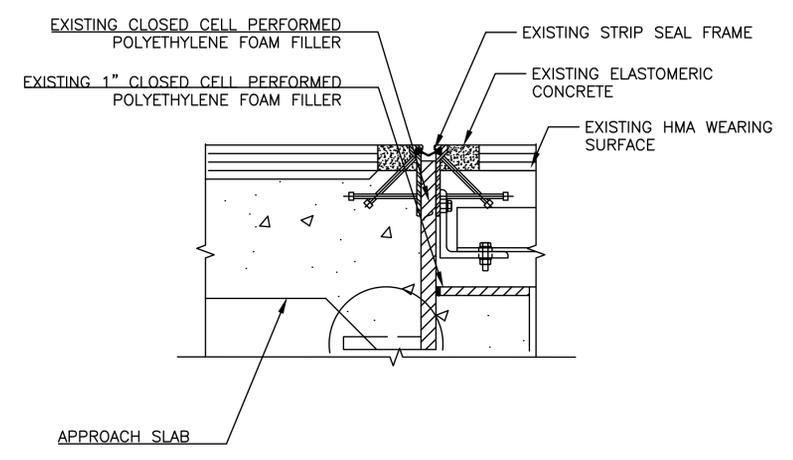


GENERAL PLAN
SCALE: 1" = 30'

EXISTING TREMIE REPAIRS PERFORMED IN 2019

NOTE:

- 1. AREA HATCHED SHOWS TOTAL LIMITS OF DISTURBANCE



STRIP SEAL JOINT DETAILS

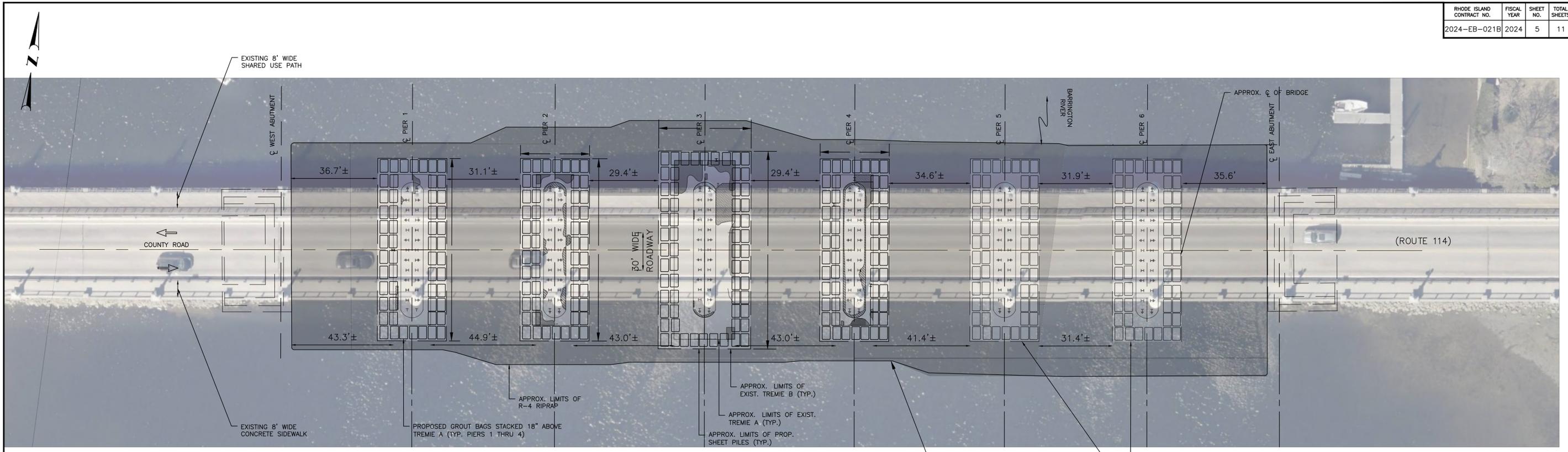
AI Engineers
AI ENGINEERS INC.
10 Orms Street, Suite 320
Providence, RI 02904
phone: (401) 270-5401
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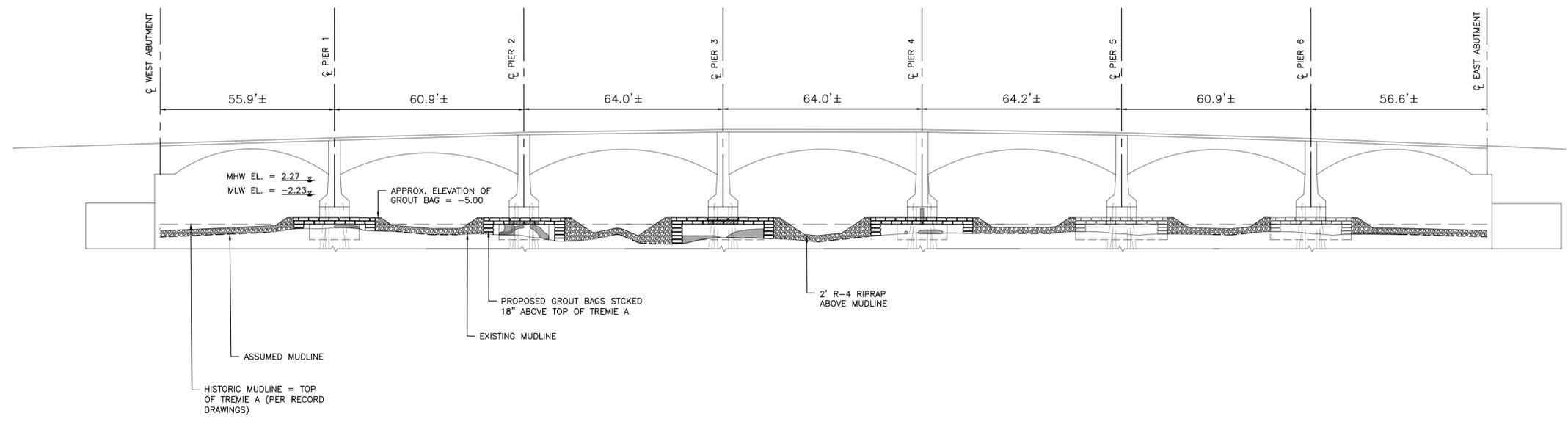
RI DOT RHODE ISLAND DEPARTMENT OF TRANSPORTATION

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OF:	11		

REHABILITATION OF BARRINGTON BRIDGE NO. 012301
BARRINGTON RHODE ISLAND
GENERAL BRIDGE PLAN



GENERAL PLAN
SCALE: 1" = 20'



ELEVATION
SCALE: 1" = 20'

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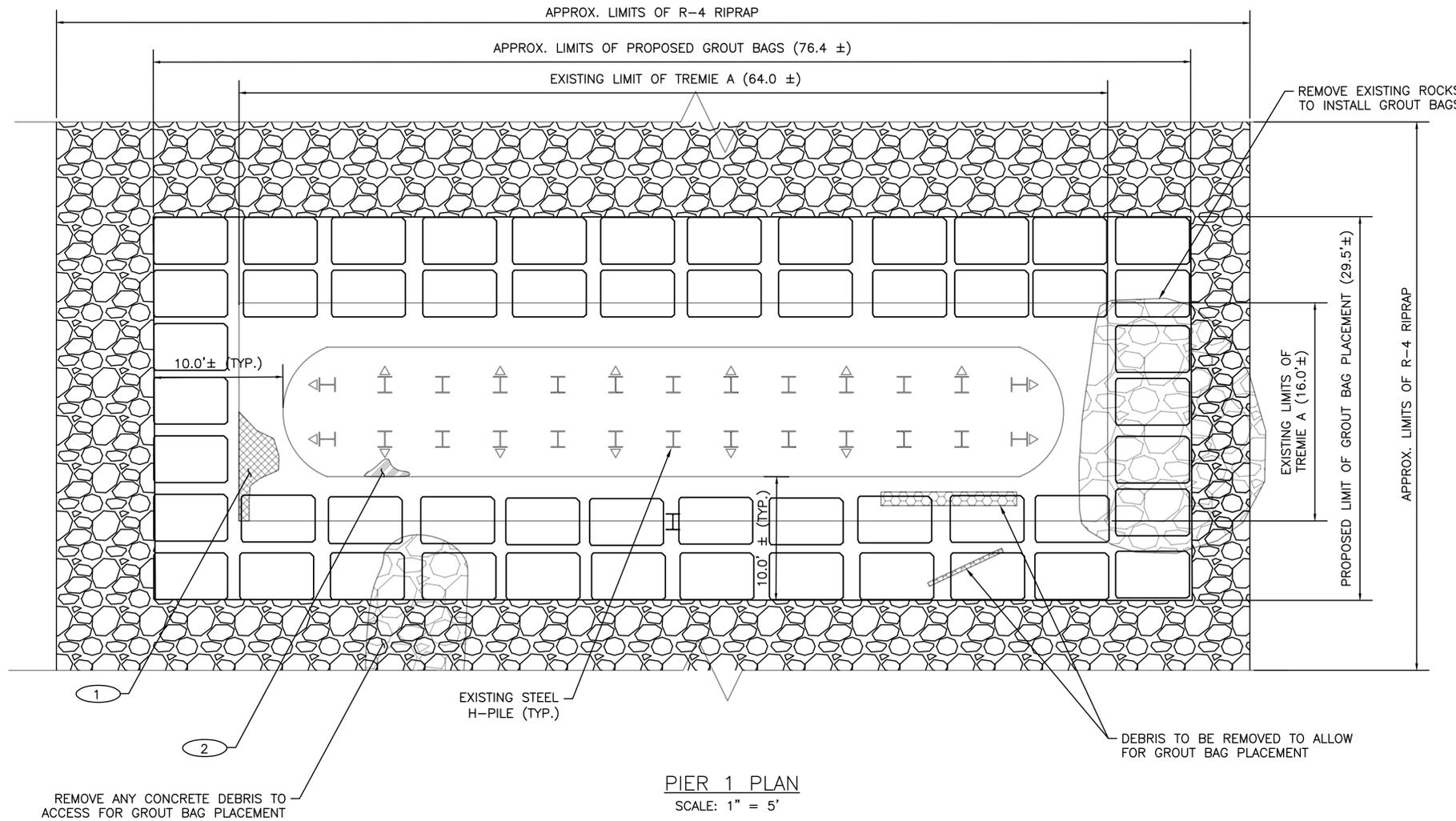
RI DOT RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

DESIGNED BY: SS
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DATE: 02/04/25
SHEET: 5
OF: 11

SCALE: 1" = 20'

REVISIONS			REVISIONS		
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REHABILITATION OF
BARRINGTON BRIDGE NO. 012301
BARRINGTON RHODE ISLAND
GENERAL BRIDGE ELEVATION

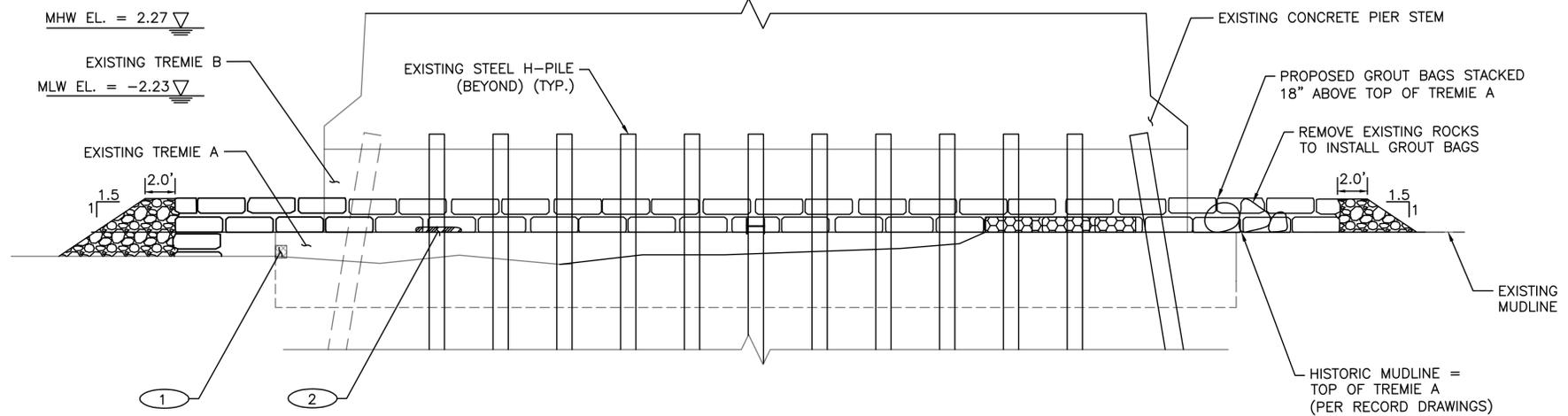


PIER 1 PLAN
SCALE: 1" = 5'

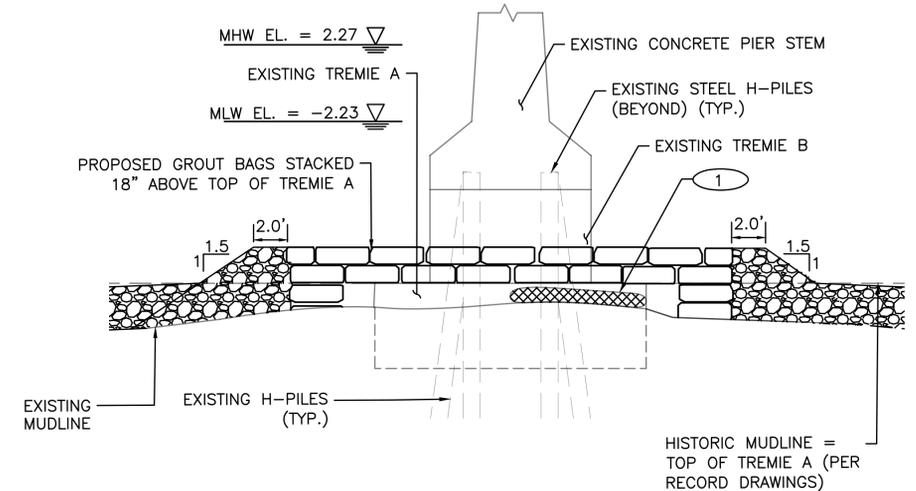
NOTES:

1. THE EXISTING CONFIGURATION AND DIMENSIONS OF THE PIER ARE BASED ON THE RECORD DRAWINGS, 2019 REPAIR PLANS, AND ABOVE AND UNDERWATER INSPECTION PERFORMED BY COLLINS PERFORMED IN 2024.
2. MEAN LOW WATER (MLW) AND MEAN HIGH WATER (MHW) ELEVATIONS ARE BASED ON ORIGINAL RECORD DRAWINGS.
3. ALL EXISTING VOIDS TO BE REPAIRED PRIOR TO PLACEMENTS OF GROUT BAGS.
4. REFER SHEET NO. 04 GENERAL BRIDGE PLAN FOR LIMITS OF DISTURBANCE

VOID SUMMARY	
VOID	APPROX. DIMENSIONS
1	8'L X 10"H X 3'D (AVG 12"D)
2	3'L X 4"H X 16"D (6" AVG D)



PIER 1 ELEVATION
SCALE: 1" = 5'



PIER 1 SECTION PLAN
SCALE: 1" = 5'

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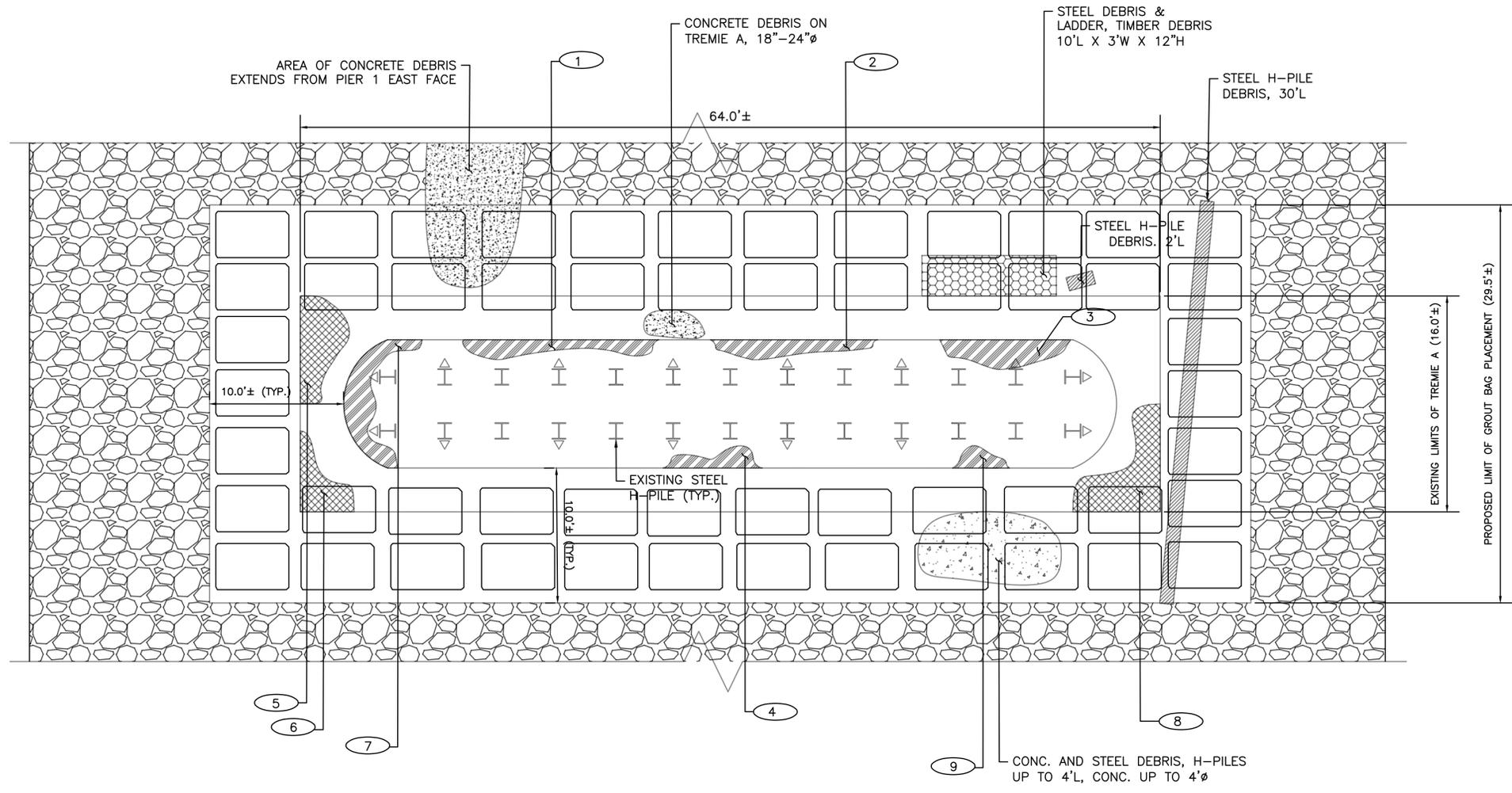


RI DOT RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

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SHEET: 6
OF: 11
SCALE: 1" = 5'

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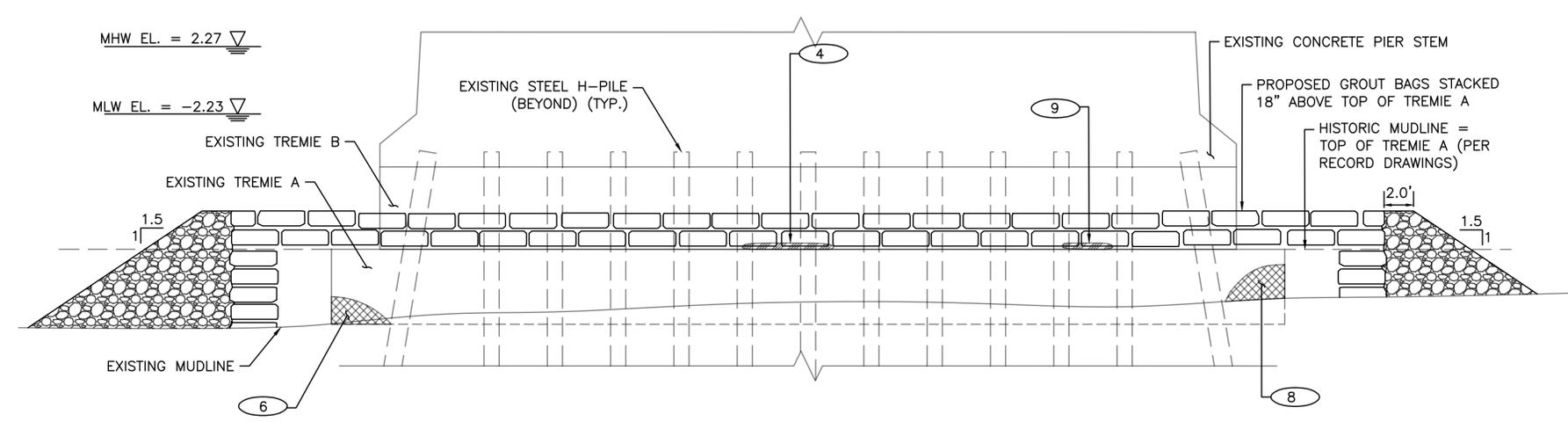
REHABILITATION OF
BARRINGTON BRIDGE NO. 012301
BARRINGTON RHODE ISLAND
PIER 1 REPAIR DETAILS



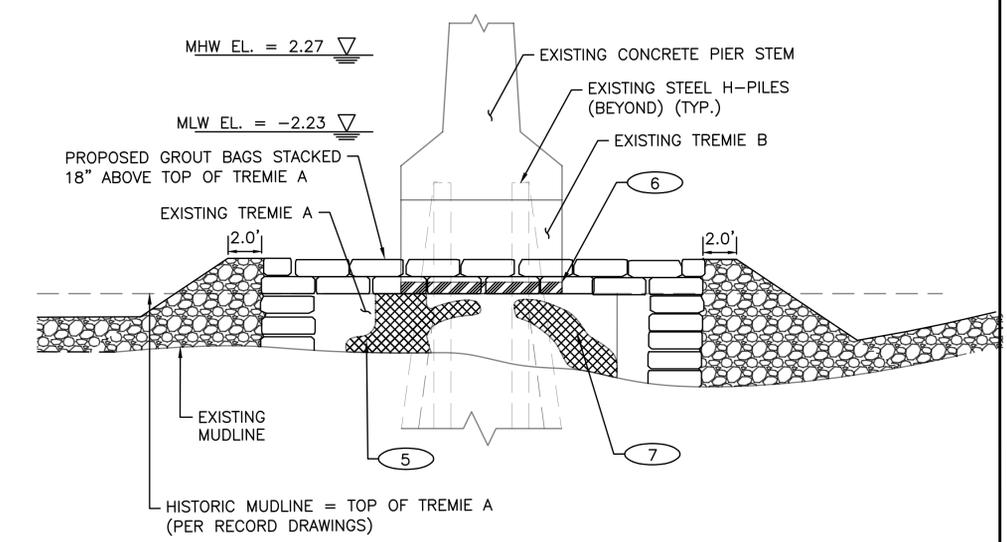
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VOID SUMMARY	
VOID	APPROX. DIMENSIONS
1	15'L X 4"H X 18"D (10" AVG)
2	12'L X 9"H X 18"(D) (10" AVG)
3	6"L X 9"H X 26"D
4	6'L X 5"H X 20"D (10" AVG D)
5	8'L X 11"H X 44"D (24" AVG D)
6	6'L (SOUTH FACE) X 4"L (EAST FACE) X 22"H X 24"D (FROM EAST FACE) AND 9"D(FROM SOUTH FACE)
7	18'L X 8"H X 25"D (14" AVG D)
8	8'L(NORTH FACE) X 4'L (EAST FACE) X 27"H X 3'D (2' AVG)
9	3'L X 5"H X 20"D (10" AVG D)

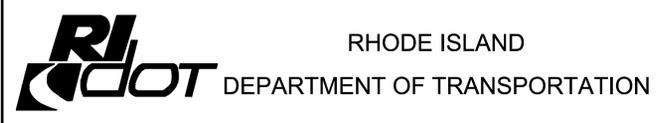
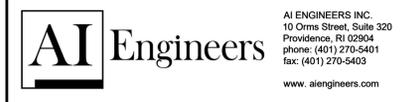
PIER 2 PLAN
SCALE: 1" = 5'



PIER 2 ELEVATION
SCALE: 1" = 5'

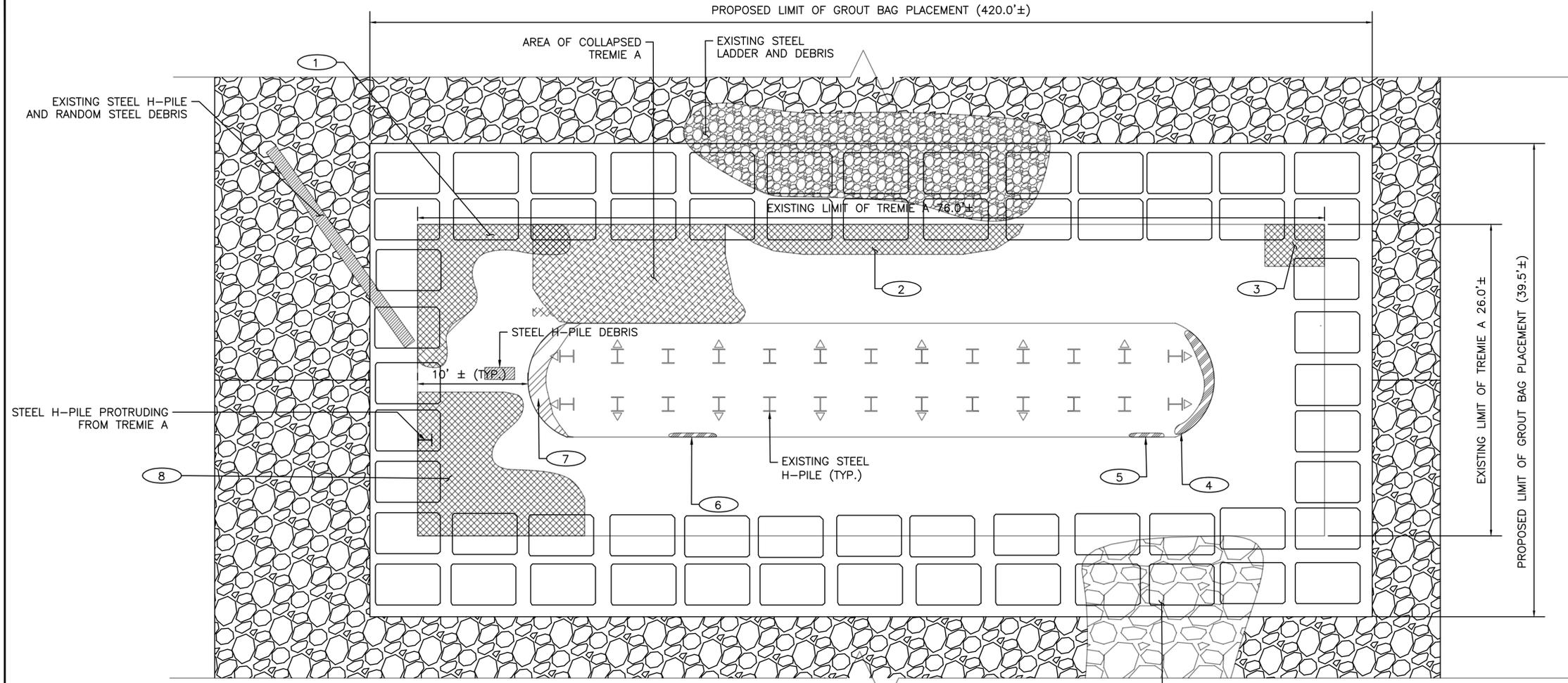


PIER 2 SECTION PLAN
SCALE: 1" = 5'



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REHABILITATION OF BARRINGTON BRIDGE NO. 012301
RHODE ISLAND
PIER 2 REPAIR DETAILS

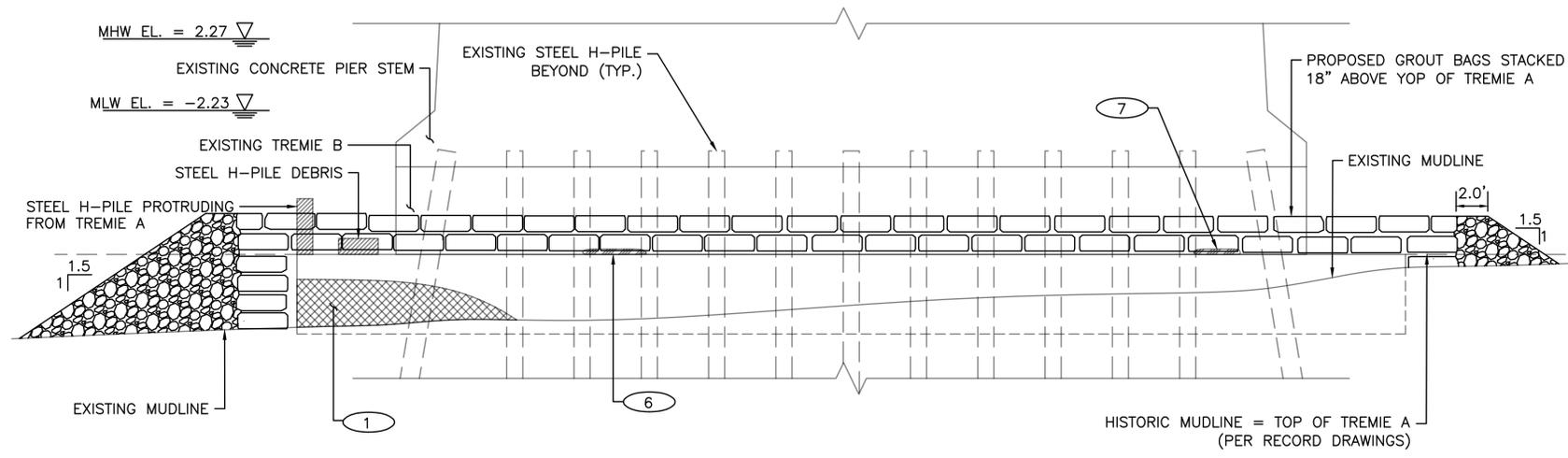


PIER 3 REPAIR PLAN

SCALE: 1" = 5'

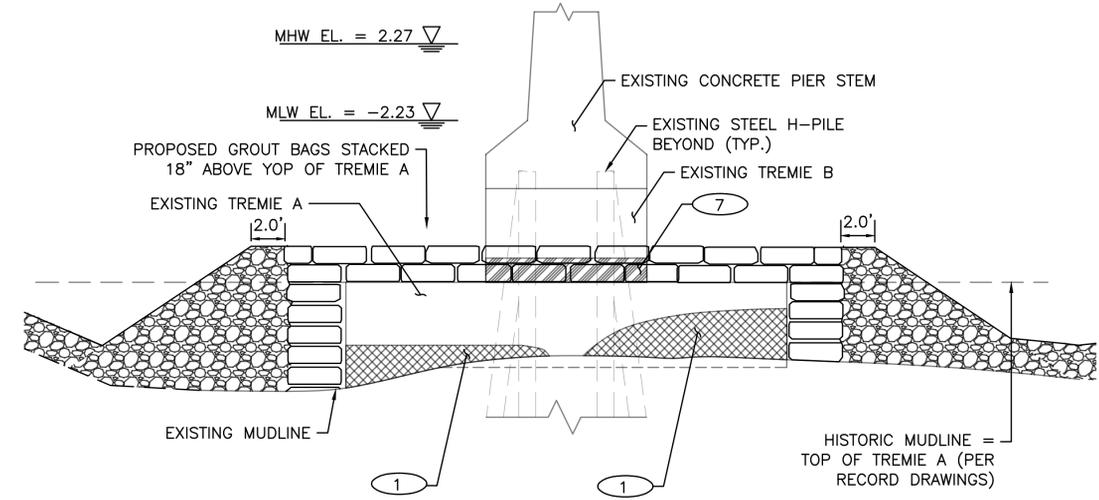
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 4. REFER SHEET NO. 04 GENERAL BRIDGE PLAN FOR LIMITS OF DISTURBANCE

VOID SUMMARY	
VOID	APPROX. DIMENSIONS
1	12'L (SOUTH FACE) X 12'L (NORTH FACE) X 2.5'H X 5'D (2.5' AVG)
2	25'L X 2.8'H X 30'D
3	3.5'L (NORTH FACE) X 5'L (WEST FACE) X 2'H X 3.7'D
4	12'L X 12"H X 14"D (8"AVG)
5	3'L X 3"H X 3" D BELOW TREMIE B
6	4'L X 3"H X 3"D
7	14'L X 17"H X 18"D (14" AVG)
8	VOID 12'L X 3'H X 9'D (SOUTH FACE); 12'L X 3'H X 7.5'D (EAST FACE)



PIER 3 ELEVATION

SCALE: 1" = 5'



PIER 3 SECTION PLAN

SCALE: 1" = 5'

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 AI ENGINEERS INC.
 10 Orms Street, Suite 320
 Providence, RI 02904
 phone: (401) 270-5401
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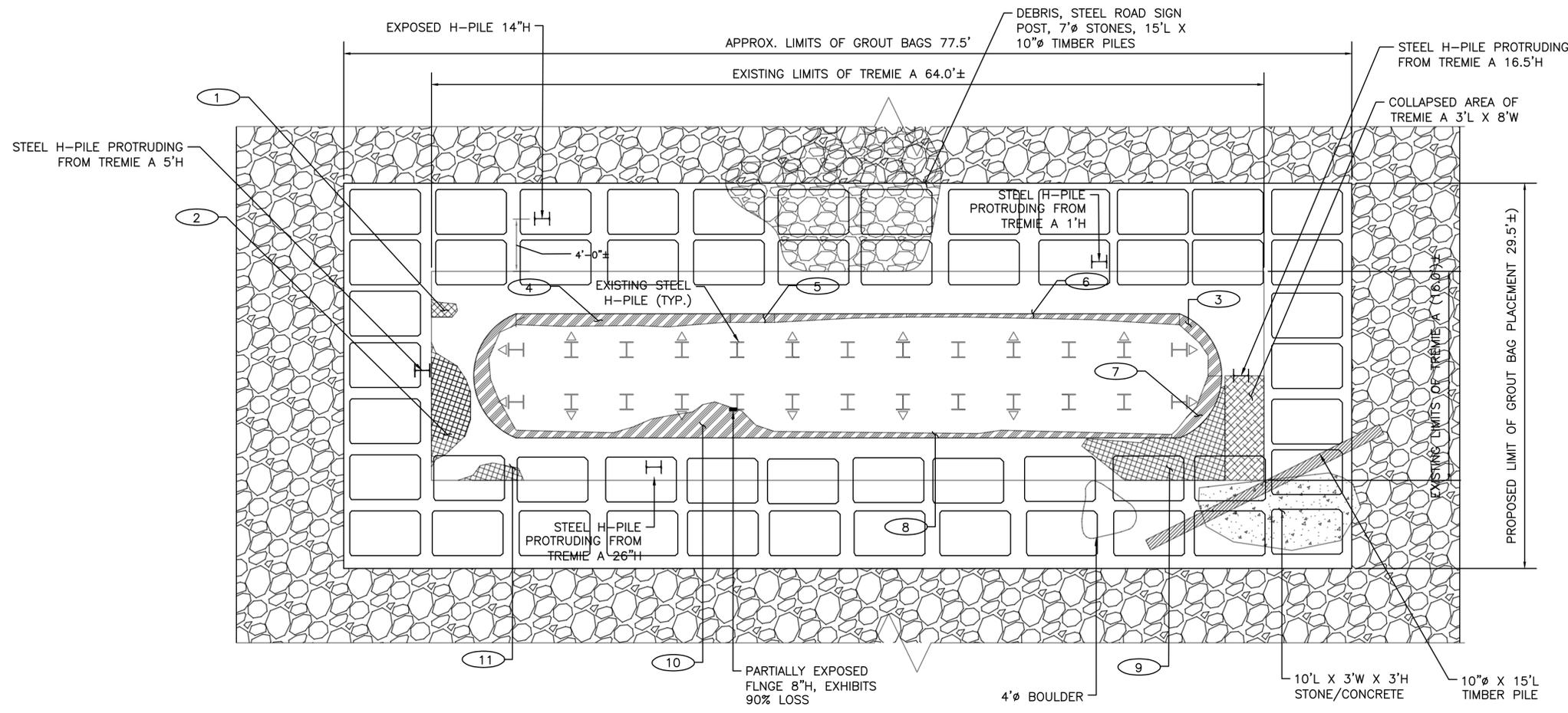
RI DOT RHODE ISLAND DEPARTMENT OF TRANSPORTATION

DESIGNED BY: SS
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 SHEET: 8
 OF: 11

SCALE: 1" = 5'

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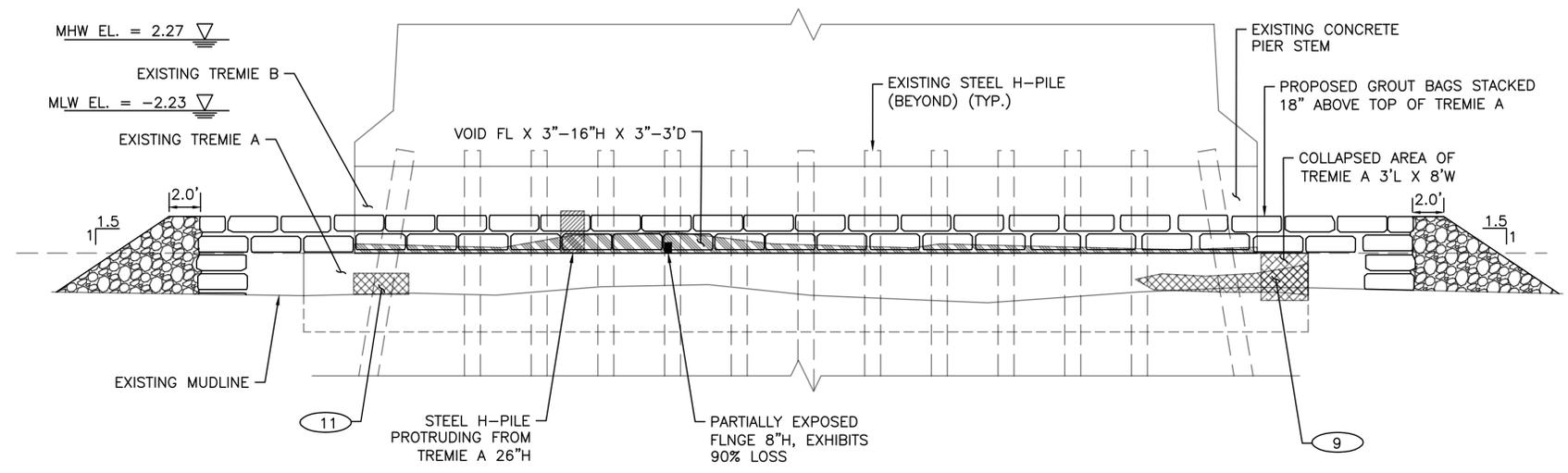
REHABILITATION OF BARRINGTON BRIDGE NO. 012301
 RHODE ISLAND
 PIER 3 REPAIR DETAILS



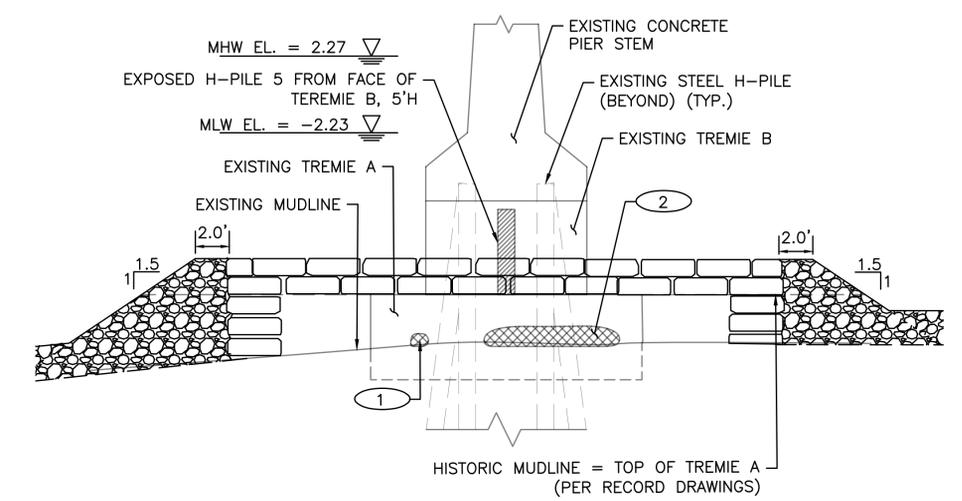
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VOID SUMMARY	
VOID	APPROX. DIMENSIONS
1	1'L X 9"H X 2'D
2	8'L X 14"H X 3'D
3	6'L X 5"H X 10'D
4	16'L X 8"H X 12'D
5	3'L X 8"H X 6'D
6	FL X 3"H X 3'D
7	6'L X 4"H X 16'D
8	FL X 3"H X 3'D
9	15'L X 2"H X 11'D
10	6.5'L X 16"H X 3'D
11	3.5'L X 16"H X 2'D

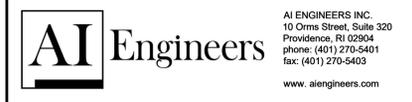
PIER 4 REPAIR PLAN
SCALE: 1" = 5'



PIER 4 ELEVATION
SCALE: 1" = 5'



PIER 4 SECTION PLAN
SCALE: 1" = 5'



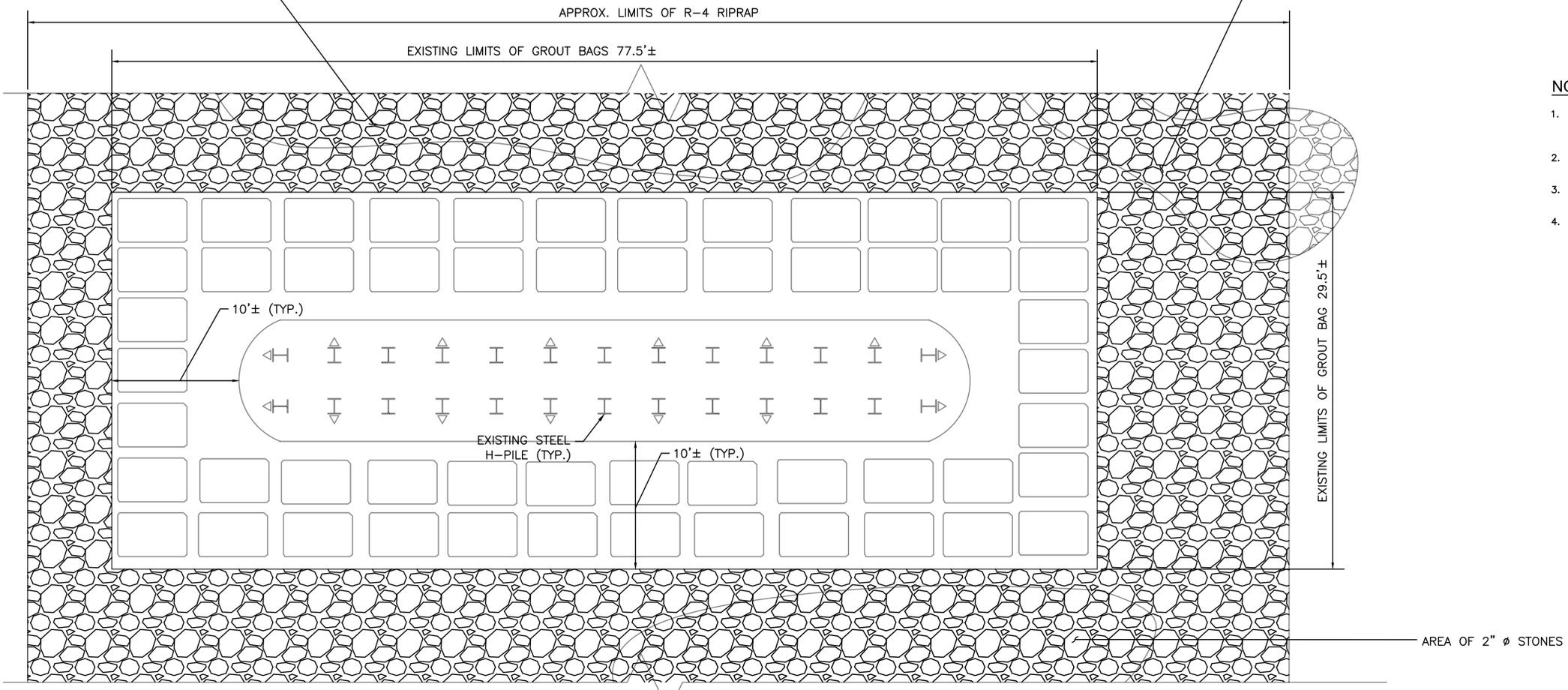
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DATE:	02/04/25		
SHEET:	9		
OF:	11		

REHABILITATION OF BARRINGTON BRIDGE NO. 012301
RHODE ISLAND

PIER 4 REPAIR DETAILS

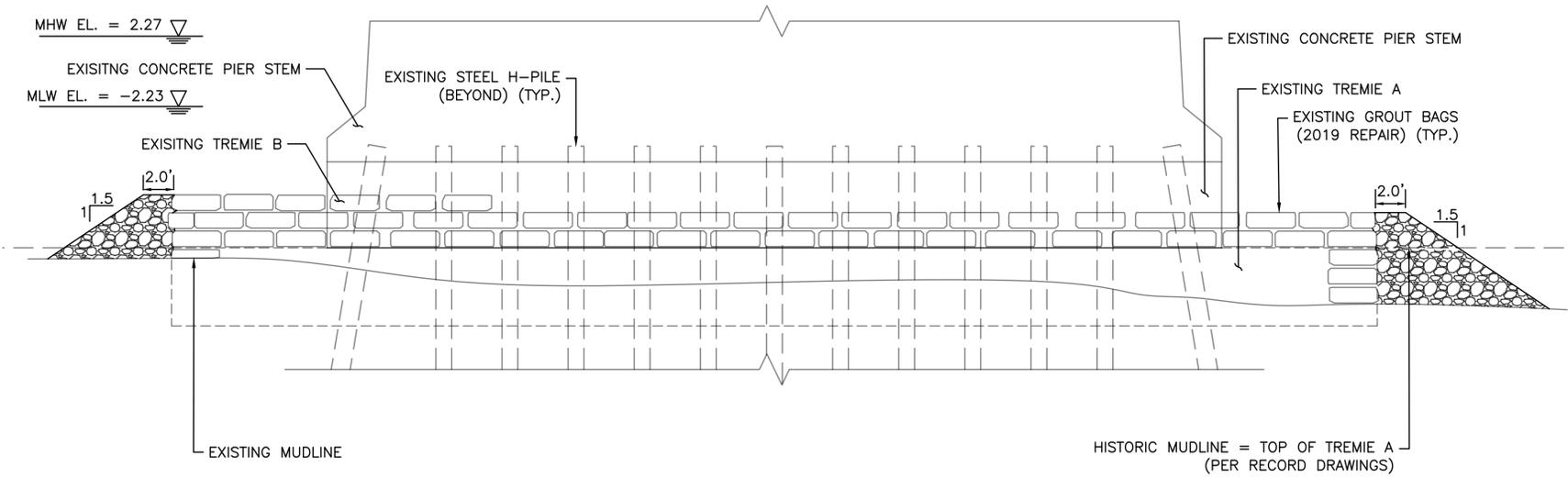
AREA OF STONES UP TO 3' Ø WITH STEEL DEBRIS (2'L W-SHAPE), AND A TIMBER PILE 8'L

AREA OF STONES 15'L X 2'W WITH STONES 5'L X 2'W APPROX. 2.5' FROM GROUT BAGS

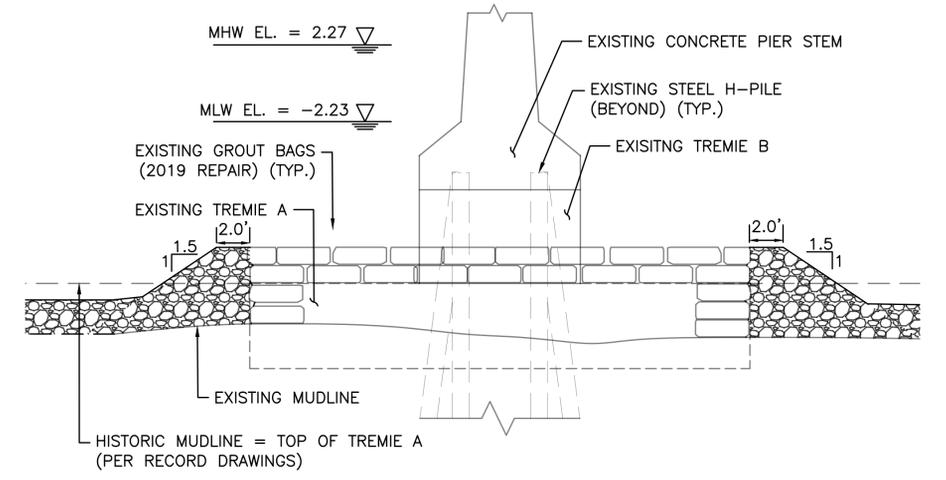


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PIER 5 REPAIR PLAN
SCALE: 1" = 5'



PIER 5 ELEVATION
SCALE: 1" = 5'



PIER 5 SECTION PLAN
SCALE: 1" = 5'

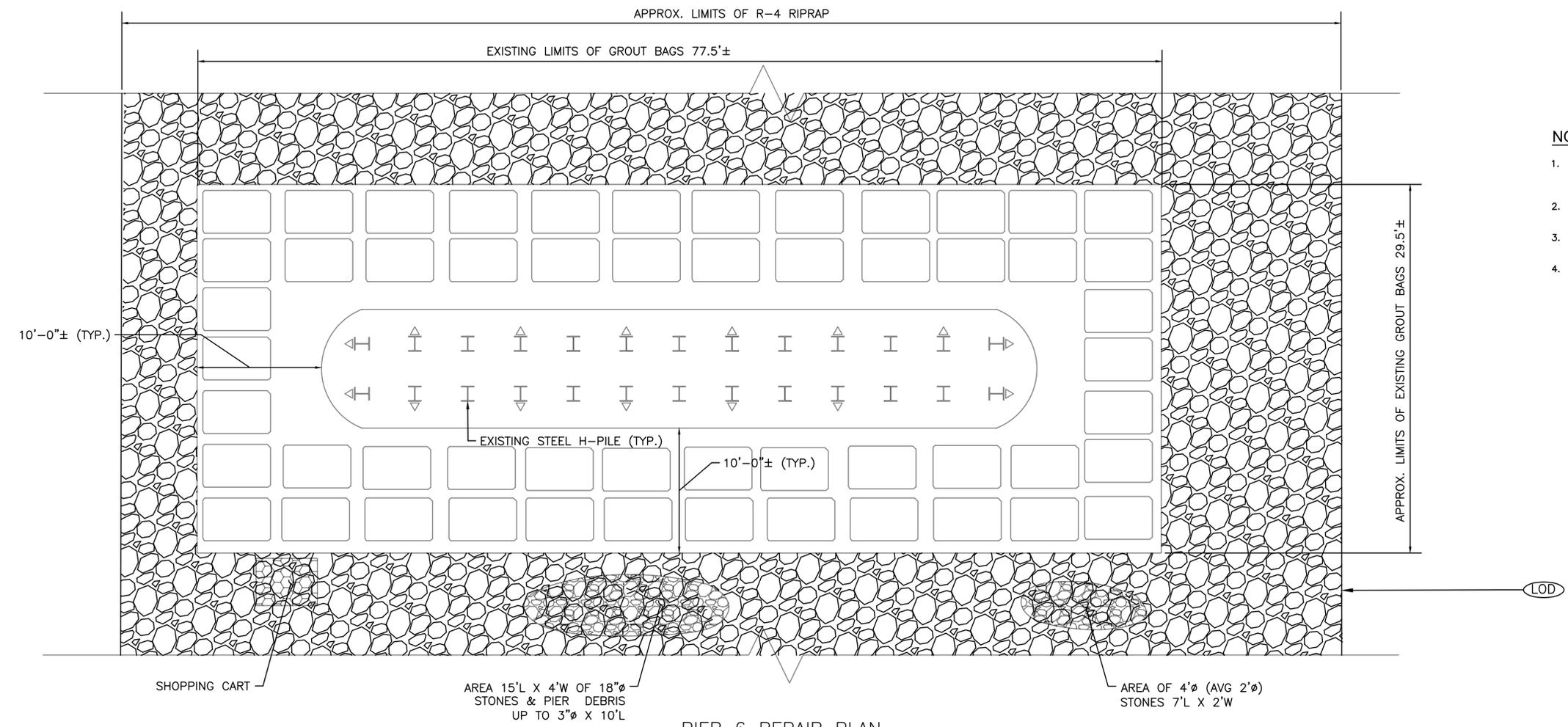
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RI DOT RHODE ISLAND DEPARTMENT OF TRANSPORTATION

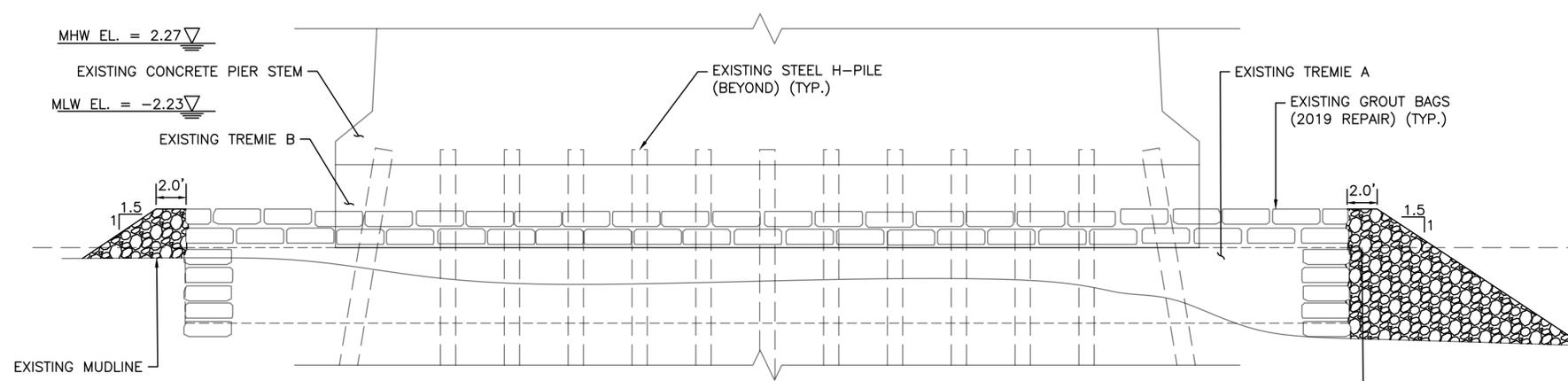
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REHABILITATION OF BARRINGTON BRIDGE NO. 012301
RHODE ISLAND
PIER 5 REPAIR DETAILS

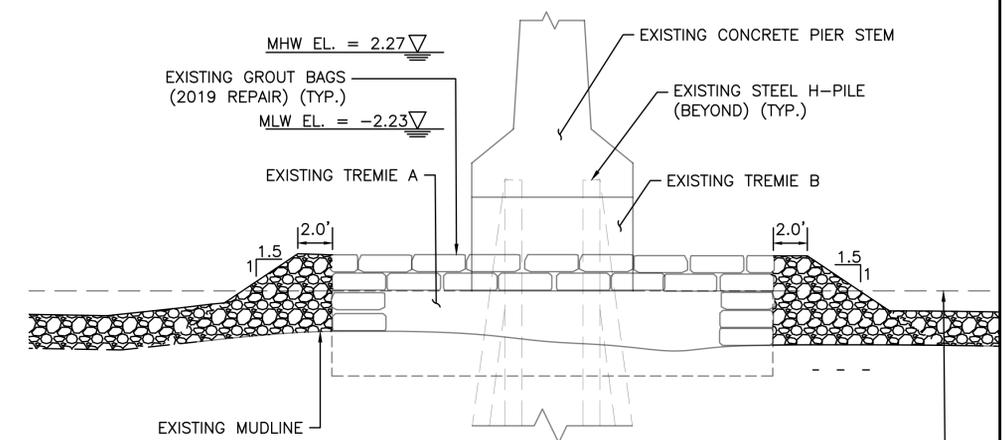


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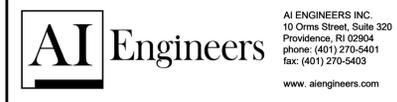
PIER 6 REPAIR PLAN
SCALE: 1" = 5'



PIER 6 ELEVATION
SCALE: 1" = 5'



PIER 6 SECTION PLAN
SCALE: 1" = 5'



DESIGNED BY:	SS	SCALE:	1" = 5'
CHECKED BY:	MG		
DATE:	02/04/25		
SHEET:	11		
OF:	11		

REHABILITATION OF
BARRINGTON BRIDGE NO. 012301
RHODE ISLAND

PIER 6 REPAIR DETAILS