

FORTY STEPS BEACH PROPOSED BEACH NOURISHMENT

NAHANT, MASSACHUSETTS
MAY 2025

Prepared for:
Town of Nahant



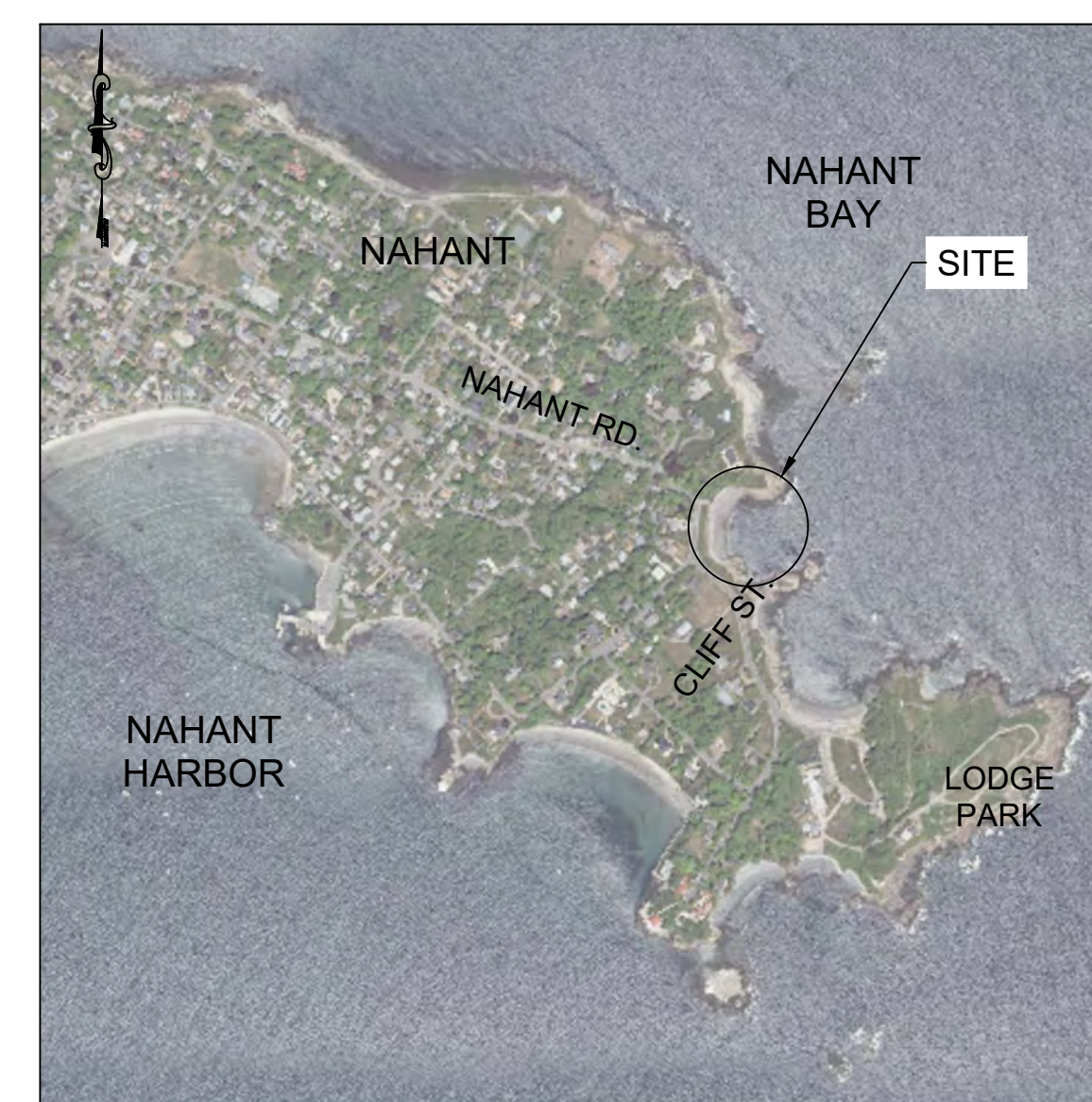
Prepared by:
Sustainable Coastal Solutions, INC
In Partnership With
Massachusetts Coastal Zone Management
&
Foth Infrastructure & Environment, LLC



DRAWING INDEX	
SHEET NUMBER	TITLE
C	COVER SHEET
1	EXISTING SITE PLAN
2	PROPOSED SITE PLAN
3	CROSS SECTIONS 1
4	CROSS SECTIONS 2
5	CROSS SECTIONS 3



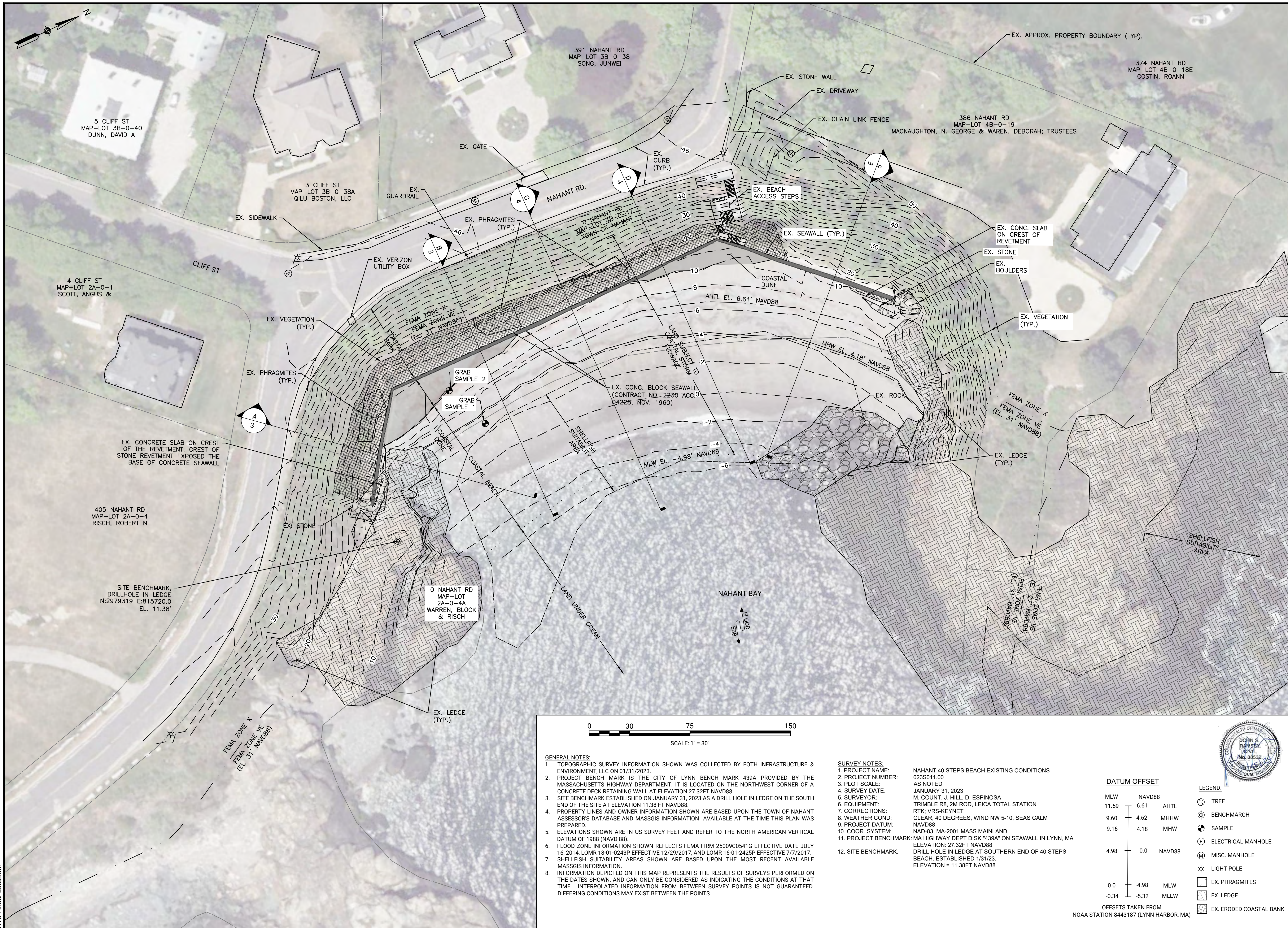
VICINITY MAP



LOCATION MAP



SHEET TITLE
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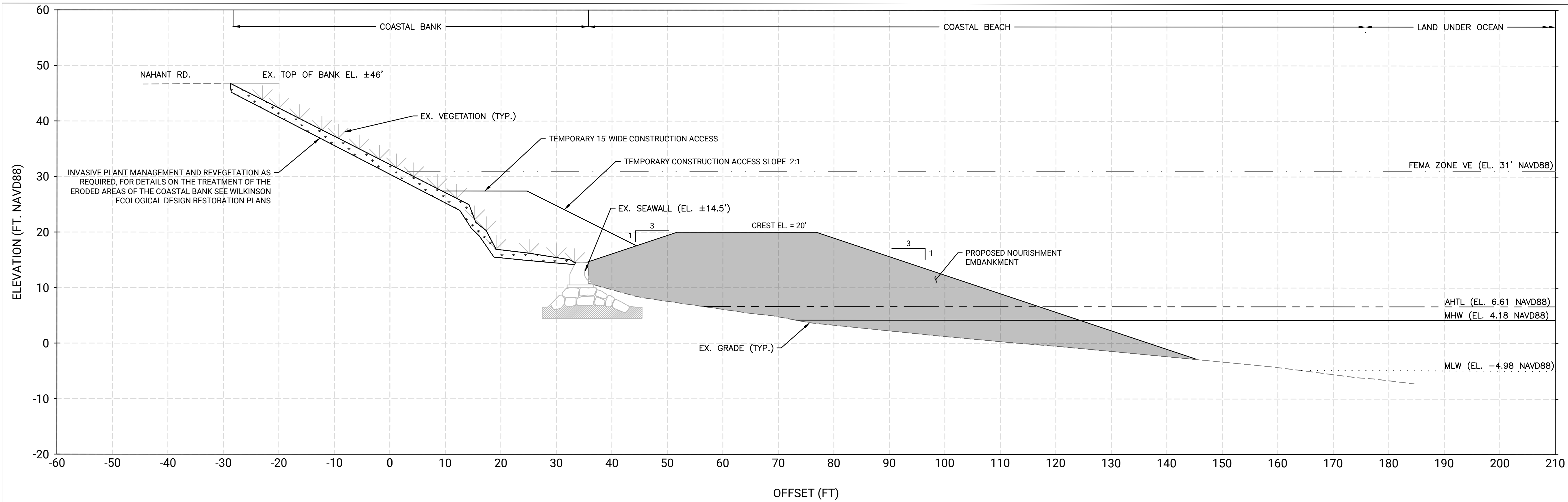
REVISIONS			
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EXISTING SITE PLAN

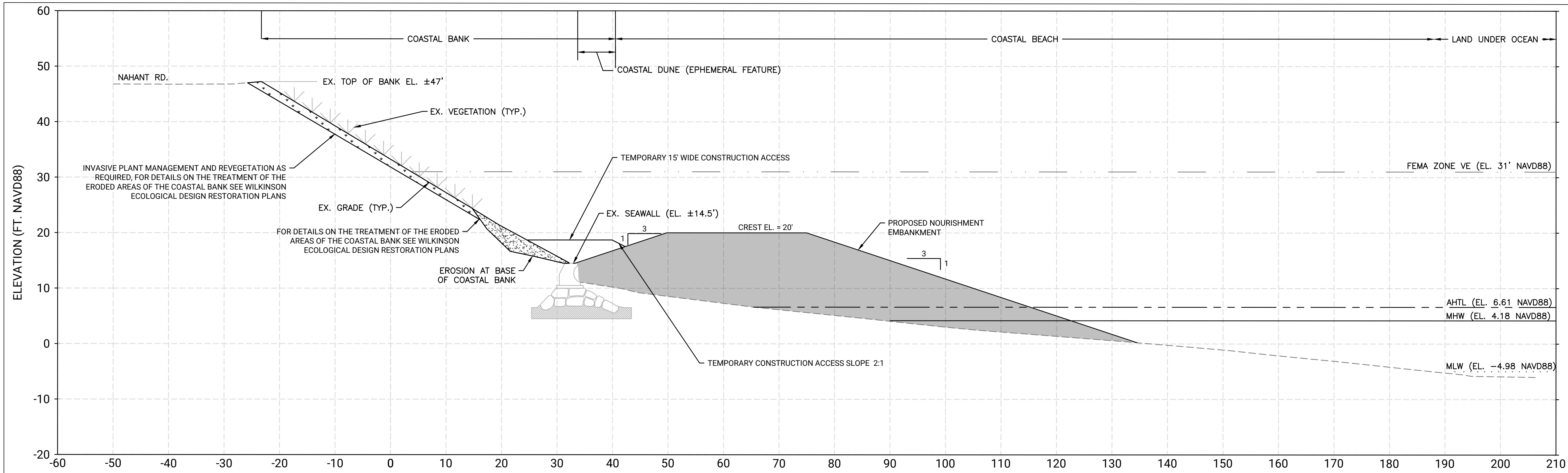
PROJECT NO:	0023S011.00
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NO	DESCRIPTION	BY	DATE
1		MEC, JAH	01/31/2023
2		CEM	01/22/2024
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Thursday, May 29, 2025 12:31:29 PM
DWG Filename: nahant_40 steps nourishment_preliminary design.dwg Layout: cross sections 2
DWG Folder Location:



C SECTION C-C
4 SCALE: 1" = 10'



D SECTION D-D
4 SCALE: 1" = 10'



FORTY STEPS BEACH
PROPOSED BEACH NOURISHMENT
NAHANT, MASSACHUSETTS

TOWN OF NAHANT,
MASSACHUSETTS

REVISIONS		DESCRIPTION		DATE		BY		NO	

DATE OF PREPARATION		
SURVEYED	MEC, JAH	01/31/2023
DRAWN	CEM	01/22/2024
DESIGNED		
CHECKED		

SHEET TITLE:

**CROSS
SECTIONS 2**

ISSUANCE:
**FOR PERMITTING
PURPOSES ONLY**

PROJECT NO: 0023S011.00
SHEET NUMBER
4

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SURVEY PROVIDED BY:

FOTH INFRASTRUCTURE & ENVIRONMENTAL, LLC

NOTES:

1.CONSTRUCTION OF THE BIOENGINEERING MEASURES
SHOWN ON THIS DOCUMENT TO BE OVERSEEN BY A
CERTIFIED ECOLOGICAL RESTORATION PRACTITIONER.

2. A TEMPORARY, AUTOMATED ABOVE-GROUND IRRIGATION SYSTEM MAY BE REQUIRED FOR THE FIRST TWO/THREE GROWING SEASONS WHILE NEW PLANTS ARE ESTABLISHING. ONCE PLANTS ARE ESTABLISHED IRRIGATION WILL BE REMOVED.

3. TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS COLLECTED BY FOTH INFRASTRUCTURE AND ENVIRONMENAL ON 01/31/2023

4. PROPERTY LINES AND OWNER INFORMATION SHOWN ARE BASED UPON THE TOWN OF NAHANT ASSESSOR'S DATABASE AND MASSGIS INFORMATION AVAILABLE AT THE TIME THIS PLAN WAS PREPARED

5. ELEVATIONS ARE SHOWN ARE IN THE US SURVEY
FEET AND REFER TO THE NORTH AMERICAN VERTICAL
DATUM OF 1988 (NAVD 88)

6. FLOOD ZONE INFORMATION SHOWN REFLECTS FEMA FIRM 25009C0541G EFFECTIVE DATE JULY 16, 2024, LOMR 18-01-0243P EFFECTIVE 12/29/2017, AND LOMR 16-01-2425P EFFECTIVE 7/7/2027



Scale: 1"= 40'



DETAIL PROVIDED BY WILKINSON ECOLOGICAL DESIGN, SPECIALISTS IN COSTAL STABILIZATION CONSTRUCTION
U.S. PATENT #10,125,462 - #11,306,454B2 - #11,306,455 B2

Scale: 1/4" = 1'-0"



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Scale: 1/8"= 1'-0"

40 STEPS BEACH

NAHANT, MASSACHUSETTS

DATE: 04/04/2025

DRAWN BY: MP

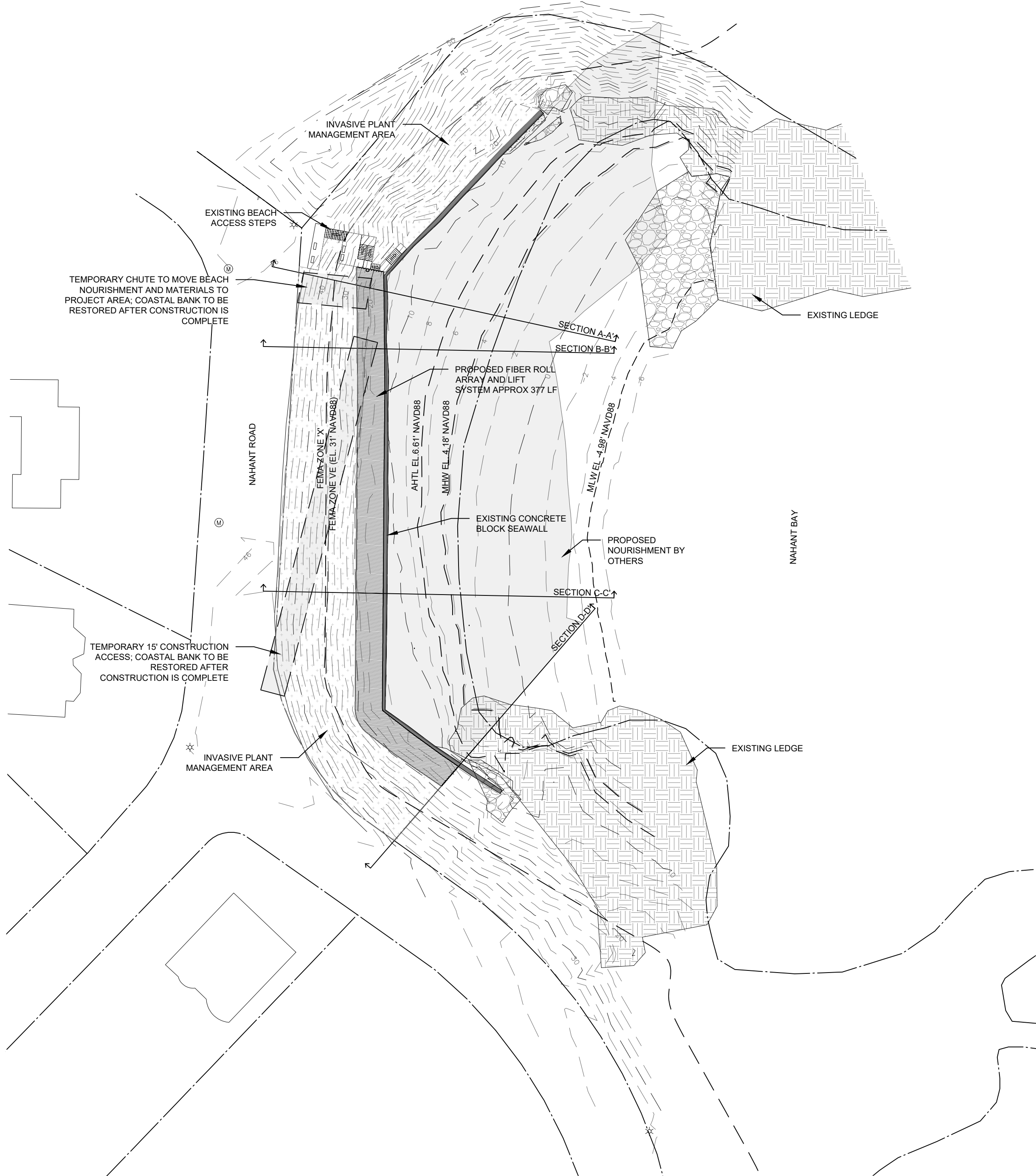
FOR PERMITTING PURPOSES ONLY
THIS DRAWING IS NOT INTENDED FOR
CONSTRUCTION

RESTORATION PLAN

OF 2

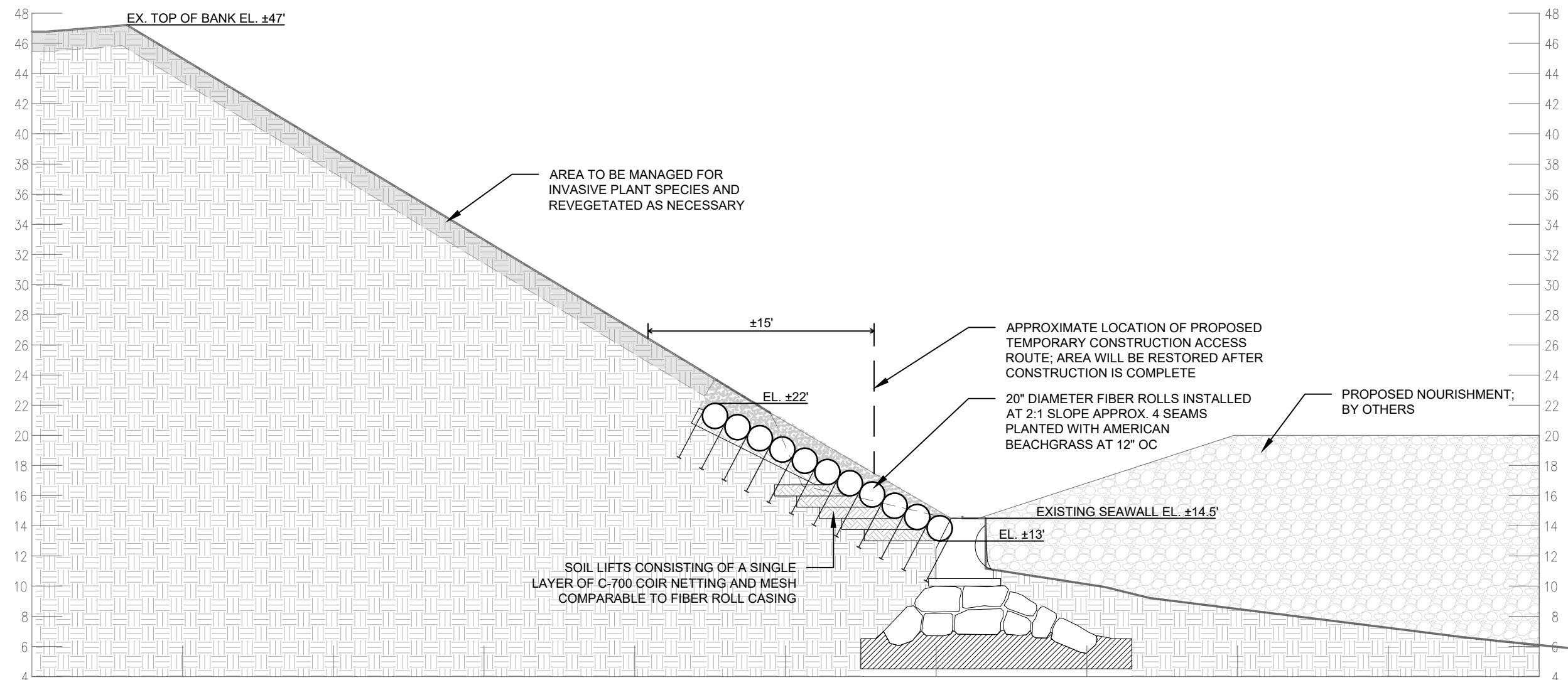
NOTES:

- CONSTRUCTION OF THE BIOENGINEERING MEASURES SHOWN ON THIS DOCUMENT TO BE OVERSEEN BY A CERTIFIED ECOLOGICAL RESTORATION PRACTITIONER.
- A TEMPORARY, AUTOMATED ABOVE-GROUND IRRIGATION SYSTEM MAY BE REQUIRED FOR THE FIRST TWO/THREE GROWING SEASONS WHILE NEW PLANTS ARE ESTABLISHING. ONCE PLANTS ARE ESTABLISHED IRRIGATION WILL BE REMOVED.
- TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS COLLECTED BY FOTH INFRASTRUCTURE AND ENVIRONMENTAL ON 01/31/2023
- PROPERTY LINES AND OWNER INFORMATION SHOWN ARE BASED UPON THE TOWN OF NAHANT ASSESSOR'S DATABASE AND MASSGIS INFORMATION AVAILABLE AT THE TIME THIS PLAN WAS PREPARED
- ELEVATIONS ARE SHOWN ARE IN THE US SURVEY FEET AND REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- FLOOD ZONE INFORMATION SHOWN REFLECTS FEMA FIRM 25009C0541G EFFECTIVE DATE JULY 16,2024, LOMR 18-01-0243P EFFECTIVE 12/29/2017, AND LOMR 16-01-2425P EFFECTIVE 7/7/2027



1 RESTORATION PLAN

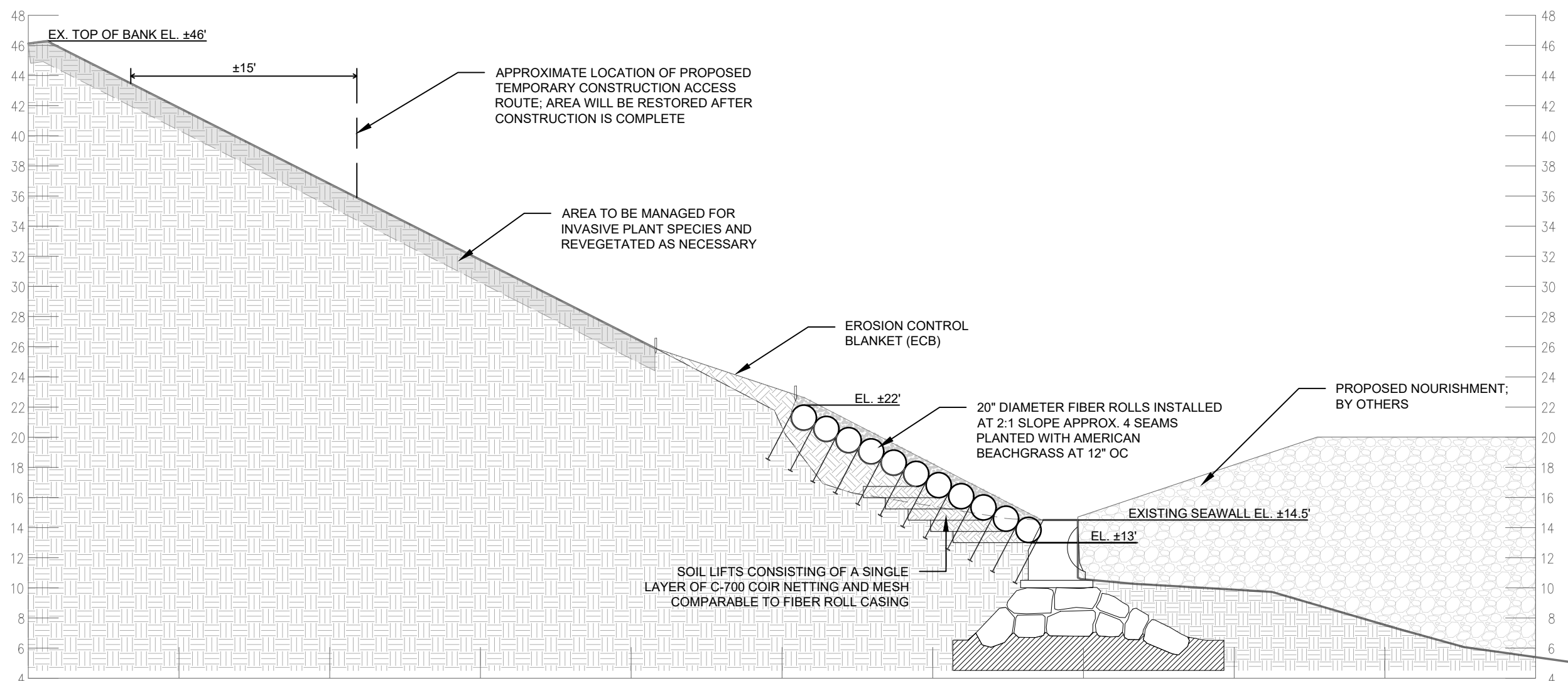
Scale: 1"= 50'



3 SECTION B-B'

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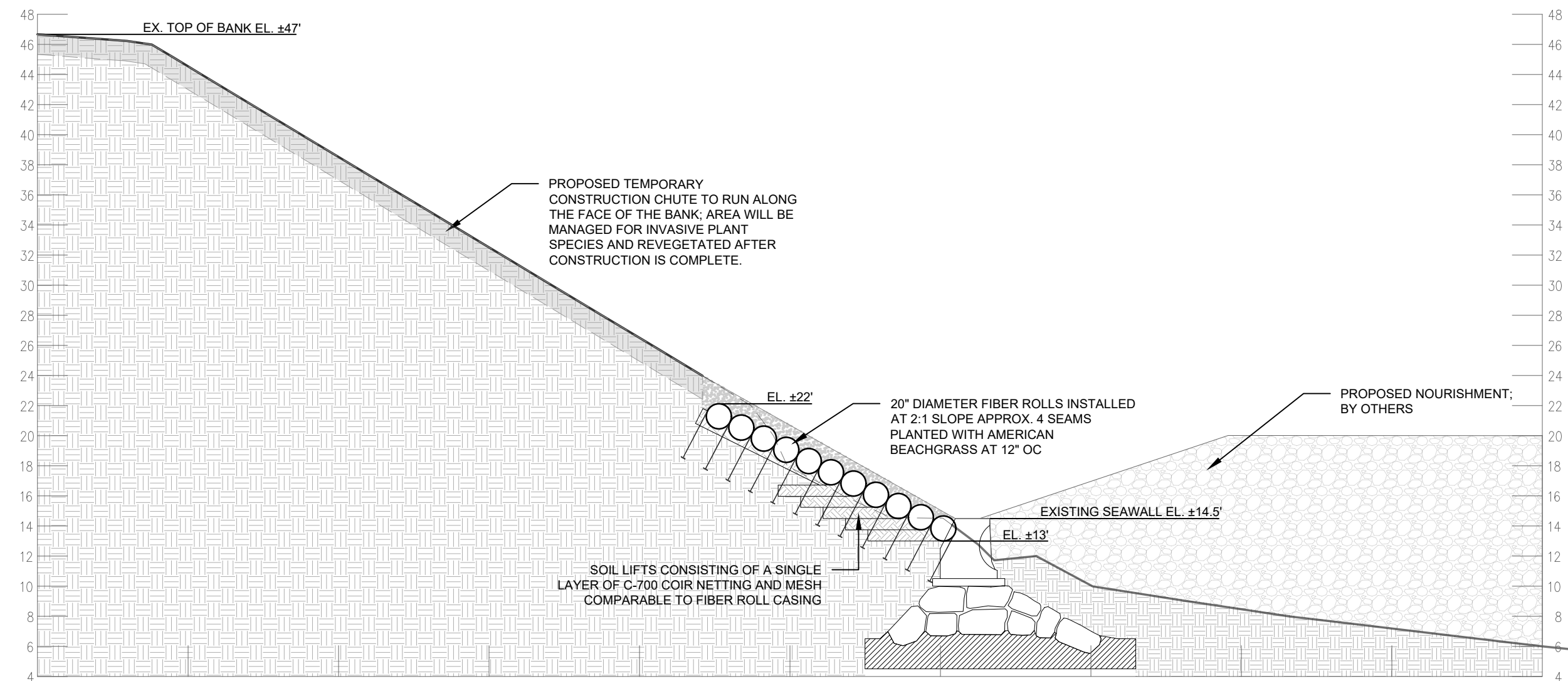
Scale: 1/8"= 1'-0"



4 SECTION C-C'

DETAIL PROVIDED BY WILKINSON ECOLOGICAL DESIGN, SPECIALISTS IN COSTAL STABILIZATION CONSTRUCTION
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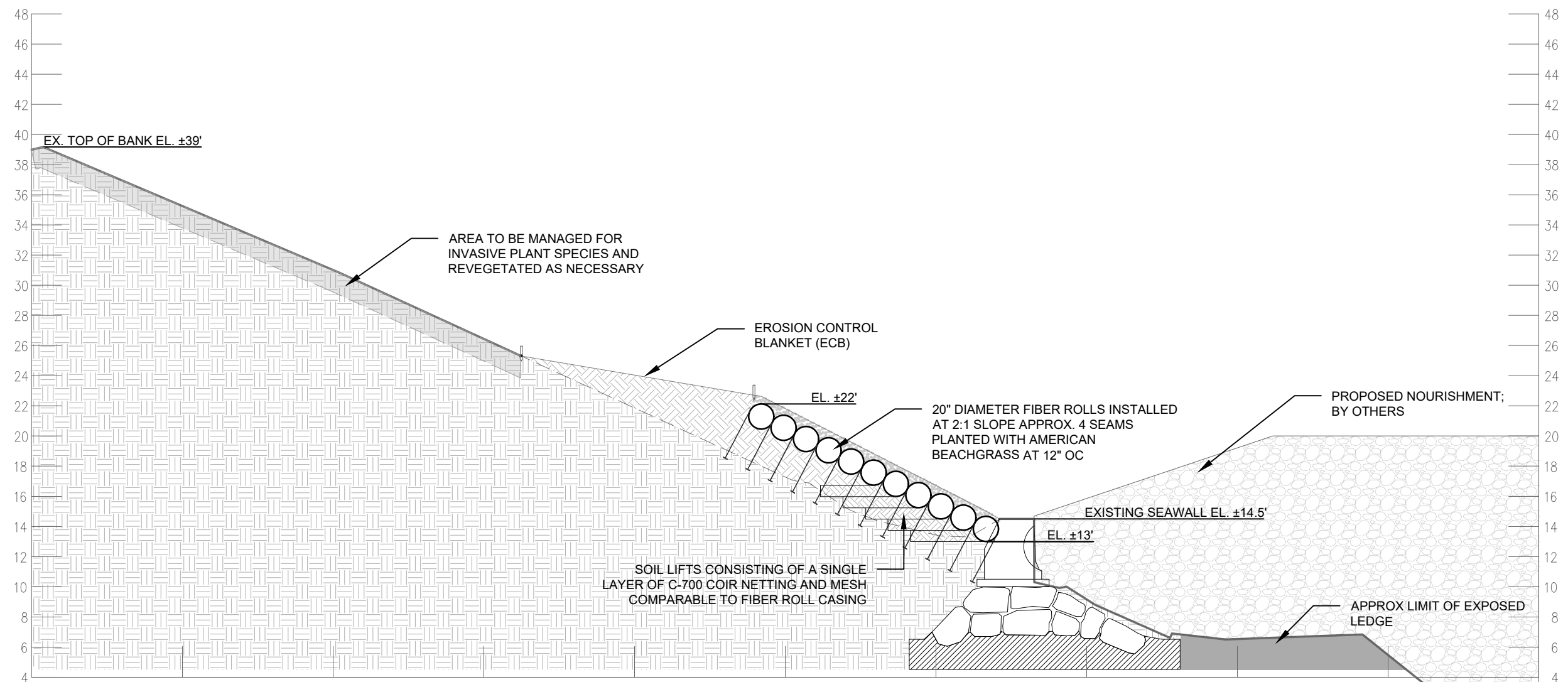
Scale: 1/8"= 1'-0"



2 SECTION A-A'

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Scale: 1/8"= 1'-0"



5 SECTION D-D'

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U.S. PATENT #10,125,462 - #11,306,454B2 - #11,306,455 B2

Scale: 1/8"= 1'-0"

REV	DATE	DESCRIPTION
DRAFT FOR COORDINATION		

40 STEPS BEACH
NAHANT, MASSACHUSETTS

DATE: 04/04/2025	SCALE: VARIES
DRAWN BY: MP	CHECKED BY: JS/JP

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