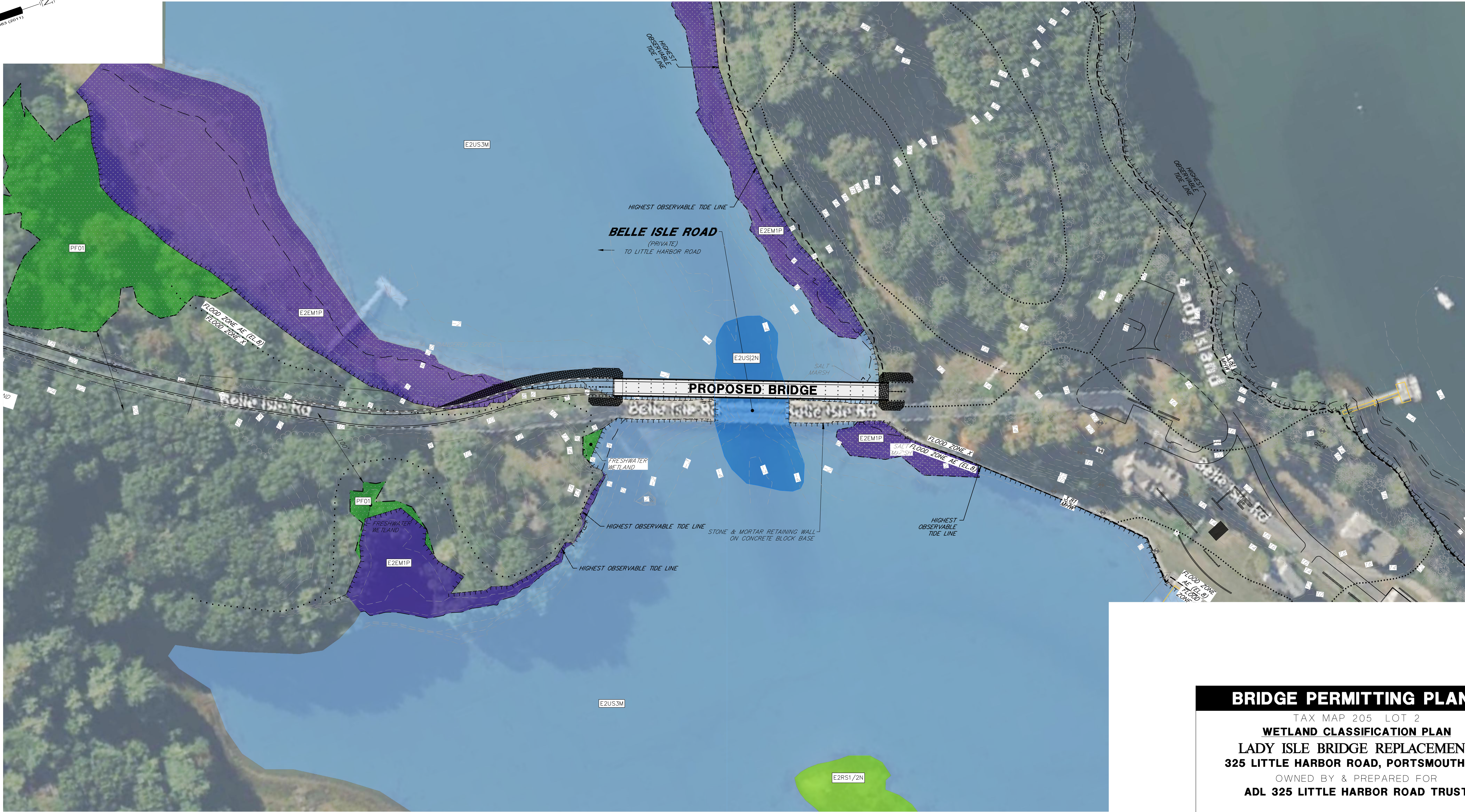


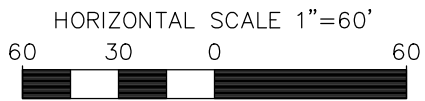
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NOTES

1. QUALIFIED COSTAL PROFESSIONAL, JASON R. AUBE (CWS #313), USING THE PUBLISHED DATA COMPLETED THE WETLAND FUNCTIONAL ASSESSMENT AND WETLAND CLASSIFICATION.
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WETLAND CLASSIFICATION			
PF01	PALUSTRINE FORESTED BROAD-LEAVED DECIDUOUS	E2US3M	ESTAURINE INTERTIDAL UNCONSOLIDATED SHORE MUD IRREGULARLY FLOODED
E2EM1P	ESTAURINE INTERTIDAL EMERGENT PERSISTENT IRREGULARLY FLOODED	E2RS1/2N	ESTAURINE INTERTIDAL ROCKY SHORE BEDROCK EUHALINE/EUSALINE REGULARLY FLOODED
E2US12N	ESTAURINE INTERTIDAL UNCONSOLIDATED SHORE COBBLE/GRAVEL/SAND REGULARLY FLOODED		



3	4/11/2025	ADDITION OF RETAINING WALL	JKC	JCC	
2	10/13/2023	NO REVISIONS THIS SHEET			
1	6/14/2023	ADDITION OF E2US12N WETLAND	JKC	JCC	
REV	DATE	DESCRIPTION	DR	CK	

BRIDGE PERMITTING PLANS
TAX MAP 205 LOT 2
WETLAND CLASSIFICATION PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

1"=120' (11"x17")
SCALE: 1"=60' (22"x34")
MAY 24, 2023

Seacoast Division
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Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
Scientists

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Portsmouth, NH 03801
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Fax (603) 431-0910
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FILE
47099.01

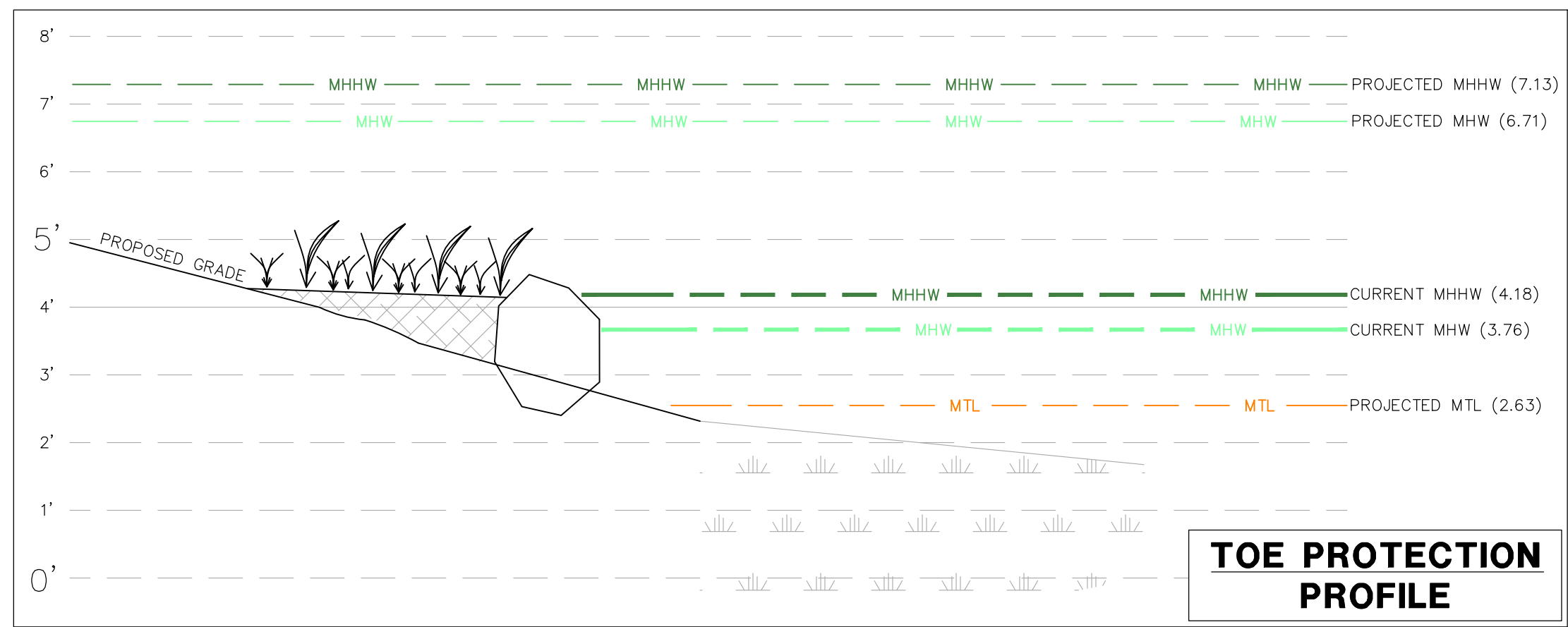
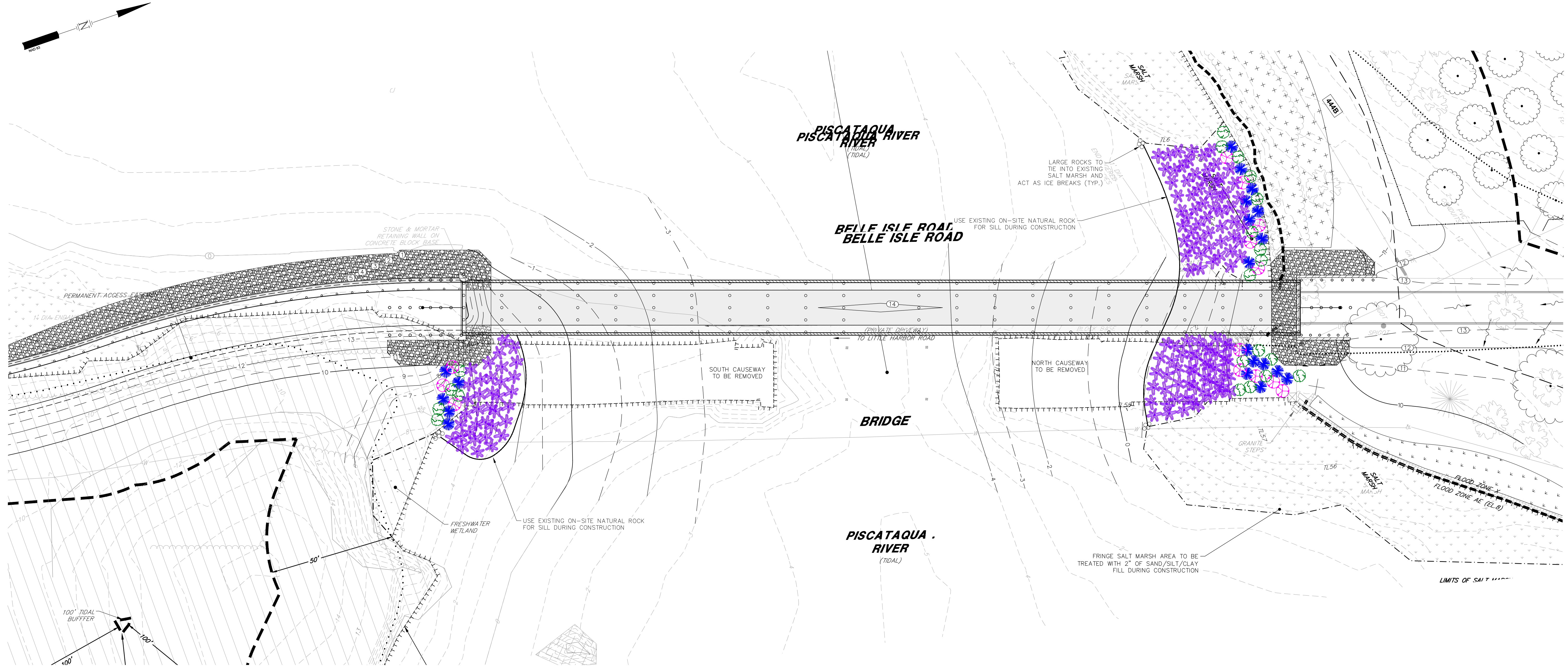
DR JKC
CK JCC

FB
CADFILE

47099-01_WETLAND CLASSIFICATION

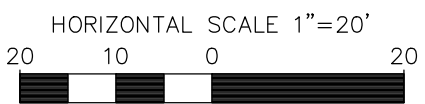
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PLANTING LEGEND - HIGH MARSH		
SYMBOL	PLANT TYPE	QUANTITY
	SWITCHGRASS (PANICUM VIRGATUM) OR PRARIE CORDGRASS (SPARTINA PECTINATA)	21
	SALTGRASS (DISTICHLIS SPICATA)	20
	BLACK GRASS (JUNCUS GERARDII)	13

PLANTING LEGEND - LOW MARSH		
SYMBOL	PLANT TYPE	QUANTITY
	SMOOTH CORDGRASS (SPARTINA ALTERNIFLORA)	144



REV	DATE	DESCRIPTION	DR	CK
3	4/11/2025	REVISED PLANTINGS PER NEW RETAINING WALL	JKC	JCC
2	10/13/2023	NO REVISIONS THIS SHEET		
1	7/19/2023	REVISED PER NHDES COMMENTS	JKC	JCC

BRIDGE PERMITTING PLANS
TAX MAP 205 LOT 2
TIDAL AREA RESTORATION PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

1"=40' (11"x17')
SCALE: 1"=20' (22"x34')
MAY 24, 2023

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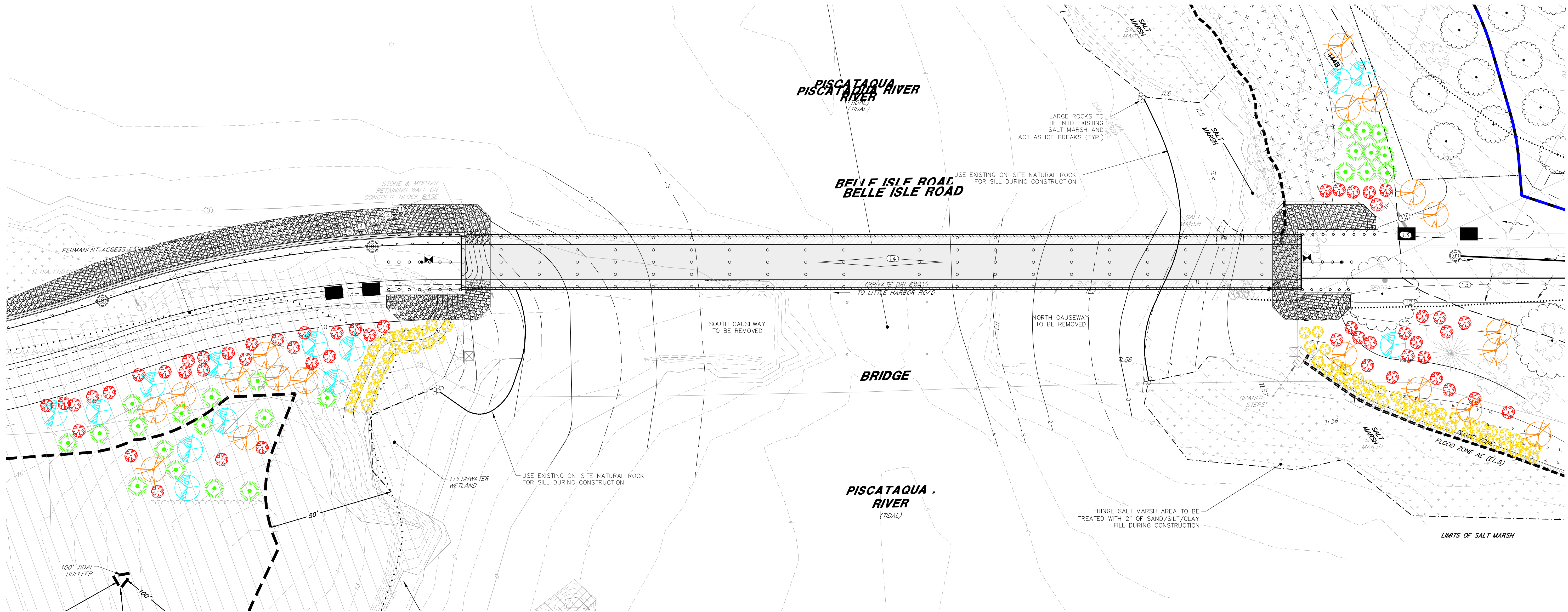
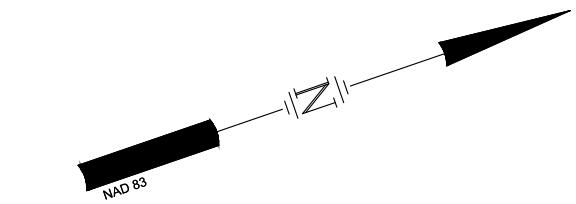


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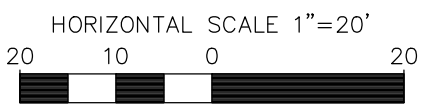
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47099.01	DR	JKC	FB			BR-04
CK	JCC	CADFILE	47099-01_BRIDGE RESTORATION PLAN			

Aug 28, 2025 - 2:08pm
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PLANTING LEGEND			
SYMBOL	PLANT TYPE	QUANTITY	SIZE
	HIGH BUSH BLUEBERRY	69	1 GALLON
	EASTERN HEMLOCK	13	2"
	RED OAK	19	2"
	WHITE BIRCH	52	2"
	WHITE PINE	24	2"



REV	DATE	DESCRIPTION	DR	CK
3	4/11/2025	NO REVISIONS THIS SHEET		
2	10/13/2023	NO REVISIONS THIS SHEET		

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BRIDGE PERMITTING PLANS
TAX MAP 205 LOT 2
DEVELOPED UPLAND RESTORATION PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

1"=40' (22"x17")
SCALE: 1"=20' (22"x34")
MAY 24, 2023

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FILE	47099.01	DR	JKC	FB	-	BR-05
CK	JCC	CADFILE	47099-01_BRIDGE RESTORATION PLAN			

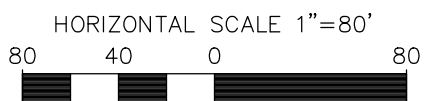
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TOTAL IMPACTS		
	WITHIN PRIME WETLAND BUFFER	21,750 S.F.
	WITHIN PRIME WETLAND	270 S.F.

LEGEND	
	PRIME WETLAND
	PRIME WETLAND BUFFER



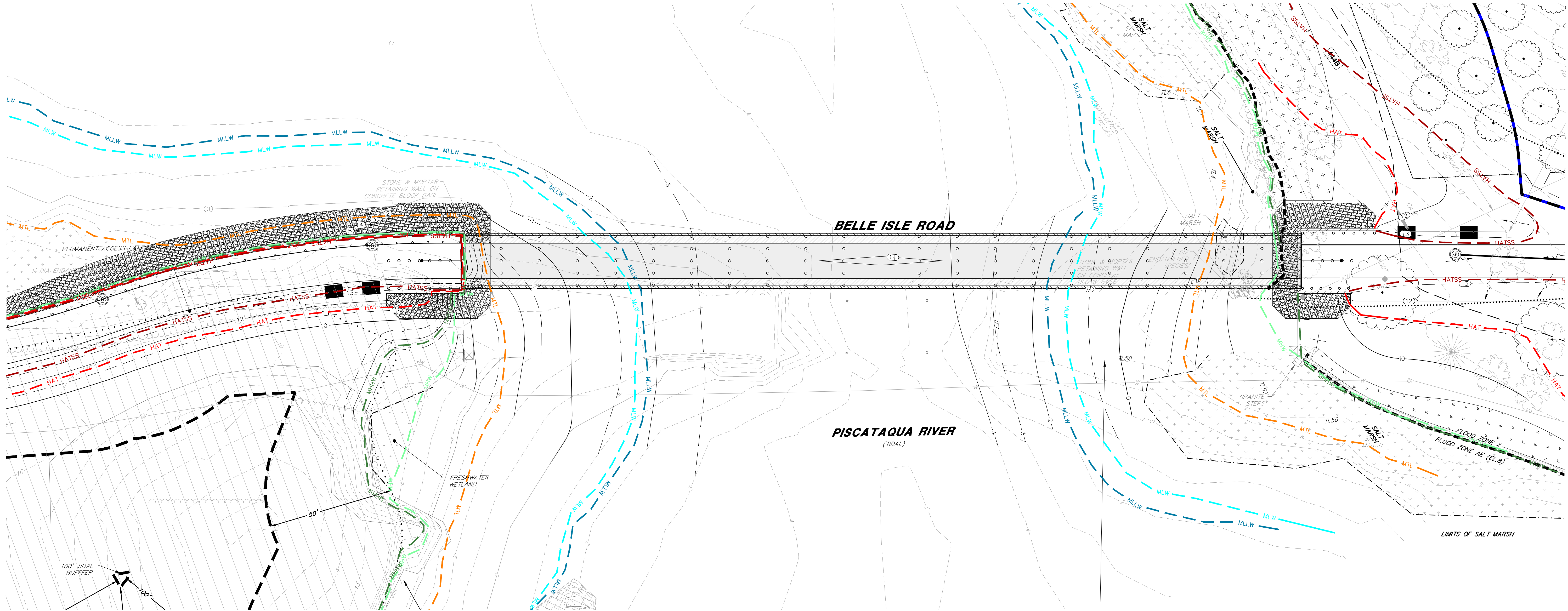
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4	4/11/2025	REVISED IMPACTS PER DESIGN CHANGE	JKC	JCC
3	3/5/2024	REVISED PER NHDES COMMENTS	JKC	JCC
2	10/13/2023	REVISIONS PER NHDES COMMENTS	JKC	JCC
1	6/14/2023	ADDITION OF IMPACTS TABLE TO PLAN	JKC	JCC

BRIDGE PERMITTING PLANS
TAX MAP 205 LOT 2
PRIME WETLAND BUFFER IMPACT PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

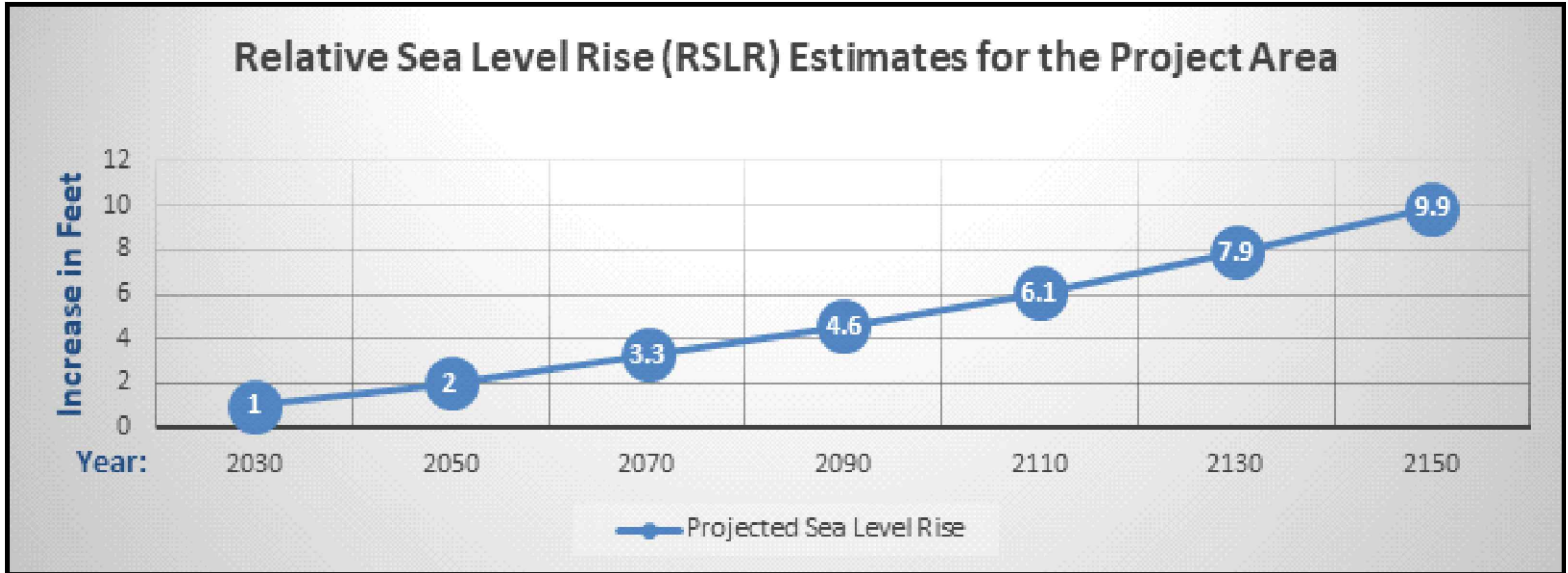
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MAY 24, 2023

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FILE	47099.01	DR JKJ CK JCC	FB CADFILE	— 47099-01_PRIME WETLAND PLAN	BR—06

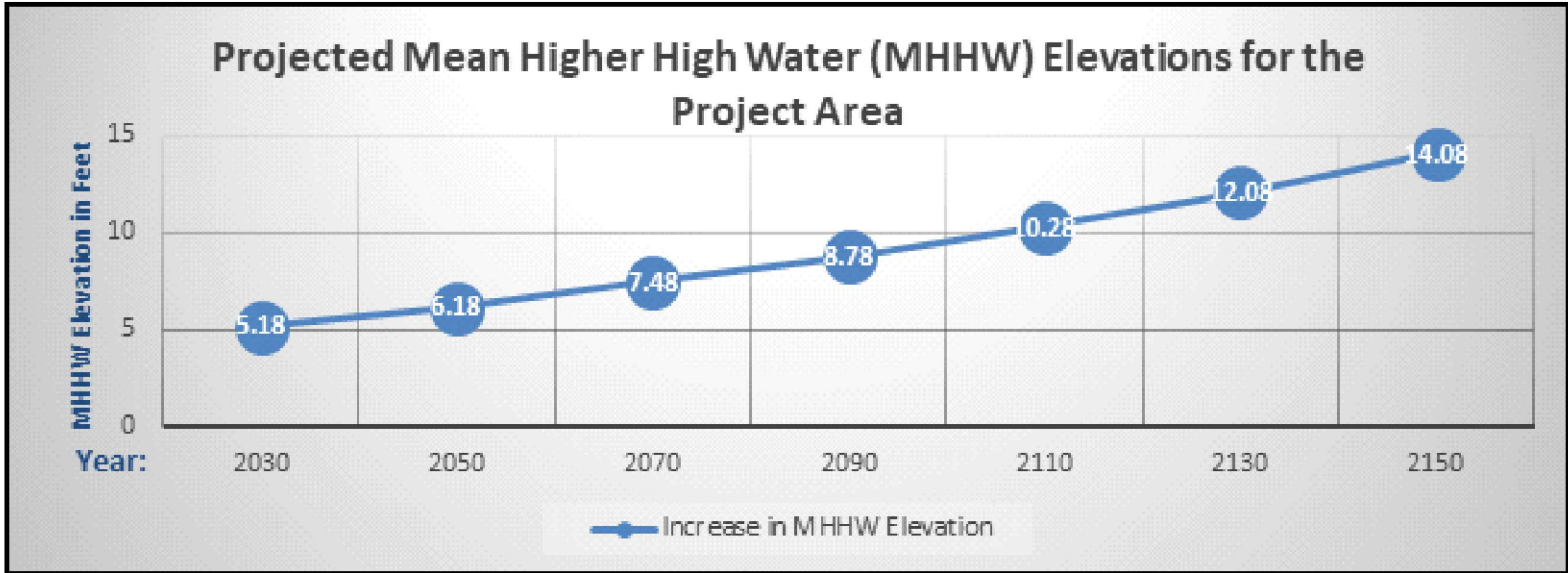
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TIDAL ELEVATIONS			
	2022	2100(PROJECTED)	
HAT	5.87	11.22	--- HAT
HAT + SS	7.87	13.22	--- HATSS
MHHW	4.18	7.13	--- MHHW
MHW	3.76	6.71	--- MHW
MTL	-0.32	2.63	--- MTL
MLW	-4.39	-1.44	--- MLW
MLLW	-4.71	-1.76	--- MLLW
TIDAL ELEVATIONS ARE BASED ON NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) STATION 8423898, SEAVEY ISLAND, ME AND AS USED WITHIN THE CITY OF PORTSMOUTH VULNERABILITY ASSESSMENT PREPARED BY THE ROCKINGHAM PLANNING COMMISSION, SEPTEMBER, 2015 AND INCLUDED WITH THE NHDES WETLANDS PERMIT APPLICATION. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)			

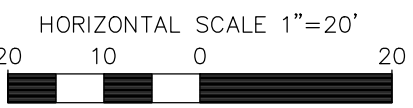
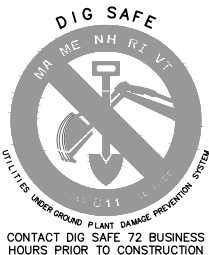


INCREMENTAL RELATIVE SEA LEVEL RISE FOR THE PROJECT AREA BASED ON REPRESENTATIVE CONCENTRATION PATHWAY (RCP) 4.5 AND A LOW TOLERANCE FOR FLOOD RISK



INCREMENTAL RELATIVE SEA LEVEL RISE FOR THE PROJECT AREA BASED ON REPRESENTATIVE CONCENTRATION PATHWAY (RCP) 4.5 AND A LOW TOLERANCE FOR FLOOD RISK, AND THE CURRENT MEAN HIGHER HIGH (MHHW) ELEVATION OF 4.18 FEET DETERMINED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ASSOCIATION (NOAA) SEAVEY ISLAND, MAINE STATION 8419870 USING NAVD88 DATUM

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REV	DATE	DESCRIPTION	DR	CK
1	4/11/2025	ADDITION OF RETAINING WALL	JKC	JCC

BRIDGE PERMITTING PLANS
TAX MAP 205 LOT 2
VULNERABILITY ASSESSMENT PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

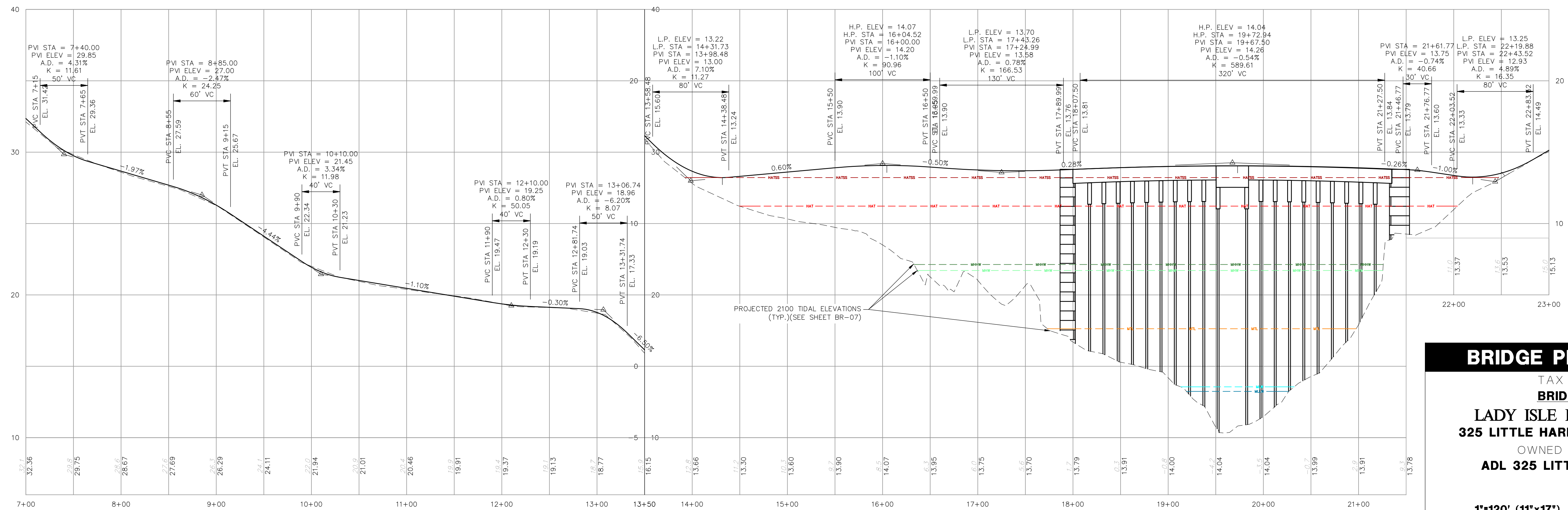
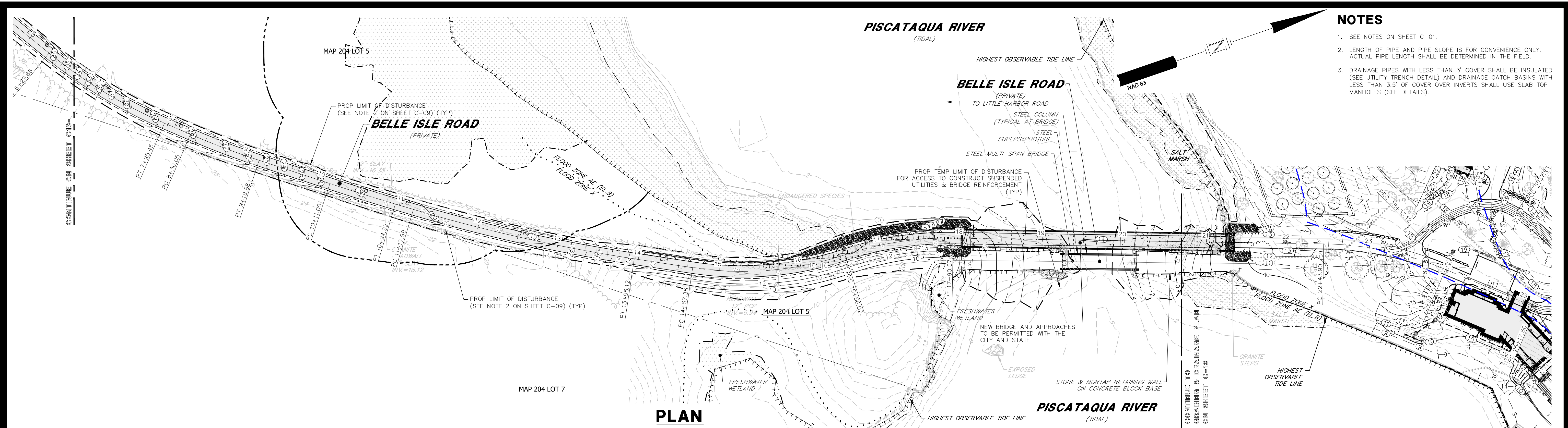
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SCALE: 1"=20' (22"x34')
MAY 24, 2023

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Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
Scientists

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47099.01	DR JKC CK JCC	FB CADFILE	BR-07
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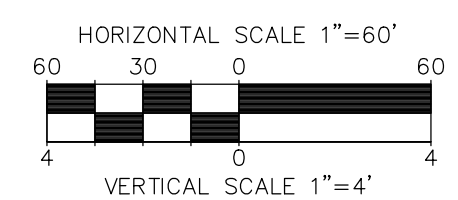


BELLE ISLE ROAD PROFILE

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3	4/11/2025	ADDITION OF RETAINING WALL TO PLAN VIEW	JKC	JCC	
2	10/13/2023	NO REVISIONS THIS SHEET			
<i>REV</i>	<i>DATE</i>	<i>DESCRIPTION</i>	<i>DR</i>	<i>CK</i>	

BRIDGE PERMITTING PLANS

TAX MAP 205 LOT 2
BRIDGE PROFILE PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
 OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

1"=120' (11"x17")
SCALE: 1"=60' (22"x34") **MAY 24, 2023**

Seacoast Division

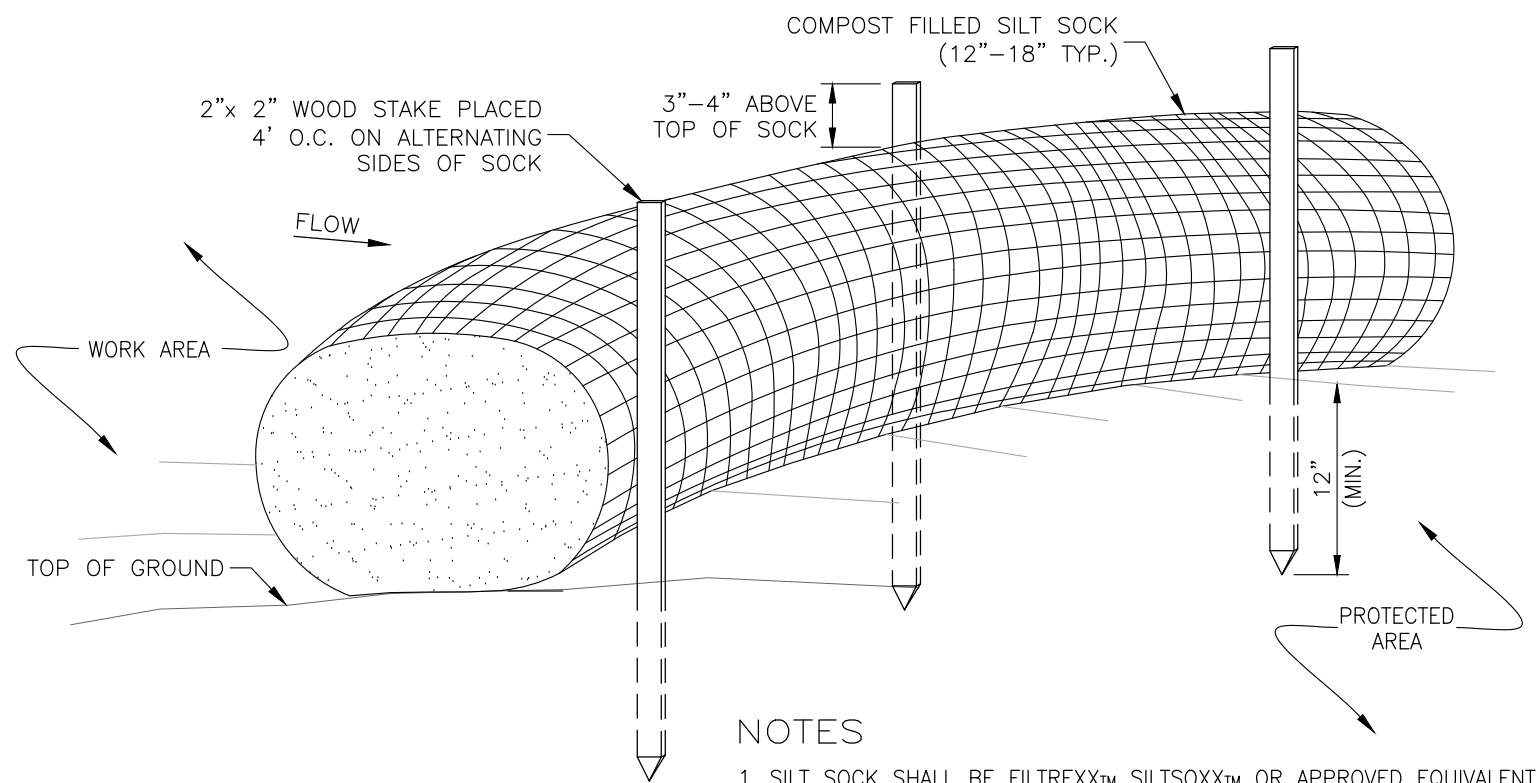
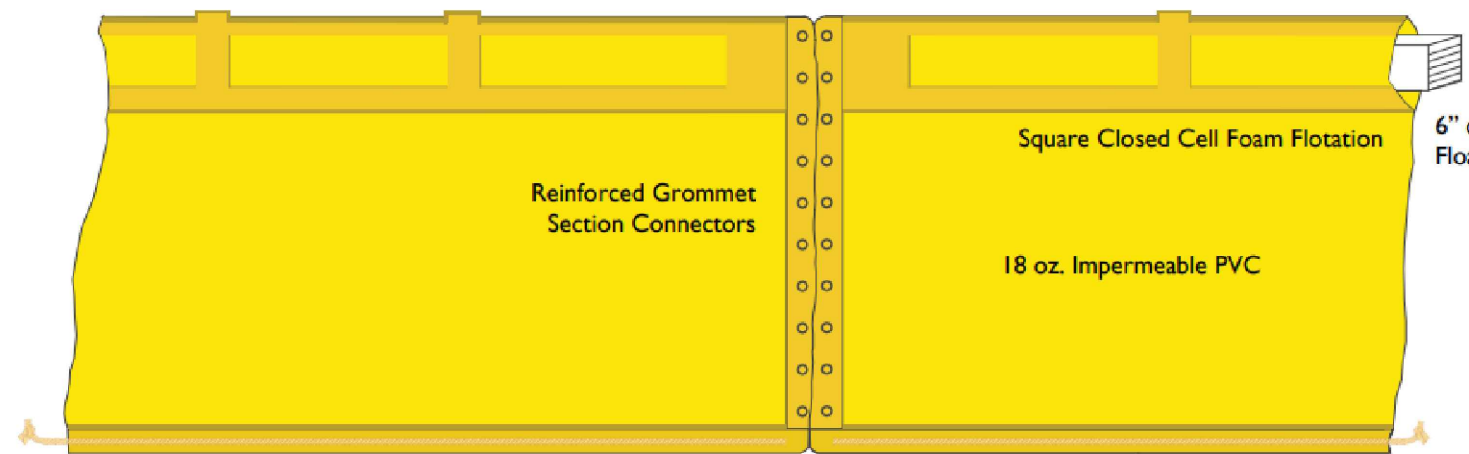
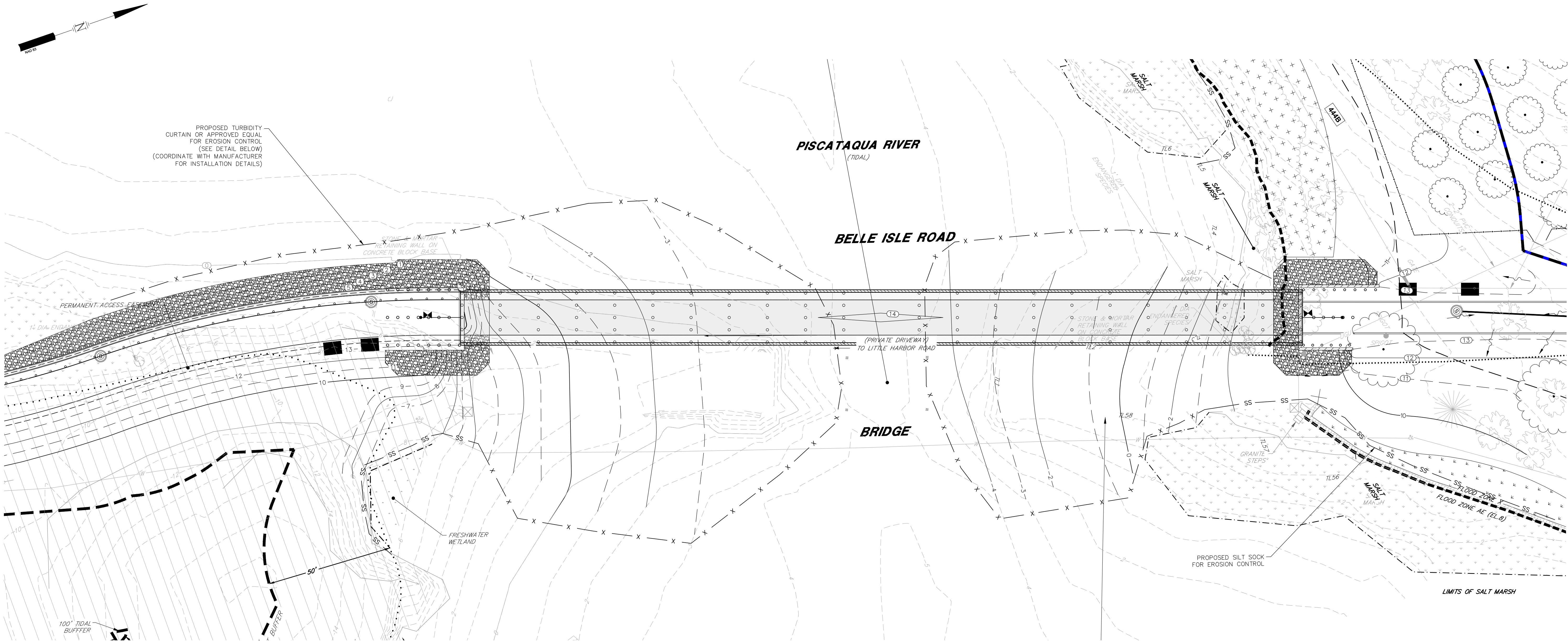


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- Landscape Architects
- Scientists

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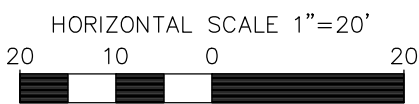
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- NOTES
1. SILT SOCK SHALL BE FILTREXXTM SILT SOCKTM OR APPROVED EQUIVALENT.
 2. SEE SPECIFICATIONS FOR SOCK SIZE AND COMPOST FILL REQUIREMENTS.
 3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED AS NEEDED.
 4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.

SILT SOCK

NOT TO SCALE



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Natural forces such as current, wind, waves, and location affect your product and may require engineering, additional anchoring, and customization.

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Type 1 DOT Turbidity Curtain					
Scale:	Drawing:	Revision:	Date:	By:	
Not to Scale			01/04/2018	MK	

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CONTACT US 72 HOURS PRIOR TO CONSTRUCTION

BRIDGE PERMITTING PLANS

TAX MAP 205 LOT 2
EROSION AND SEDIMENT CONTROL PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

1"=40' (22"x17")
SCALE: 1"=20' (22"x34") **MAY 24, 2023**

Seacoast Division



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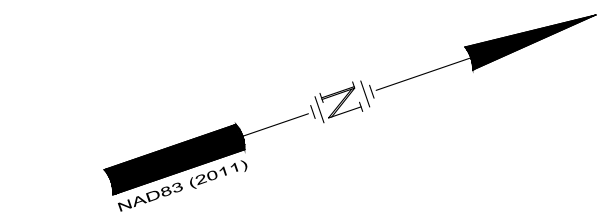
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Phone (603) 431-2222
Fax (603) 431-0910
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REV	DATE	DESCRIPTION	DR	CK
3	4/11/2025	ADDITION OF RETAINING WALL	JKC	JCC
2	10/13/2023	NO REVISIONS THIS SHEET		

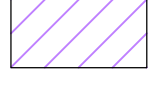
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BR-09

Aug 28, 2025 - 2:19pm
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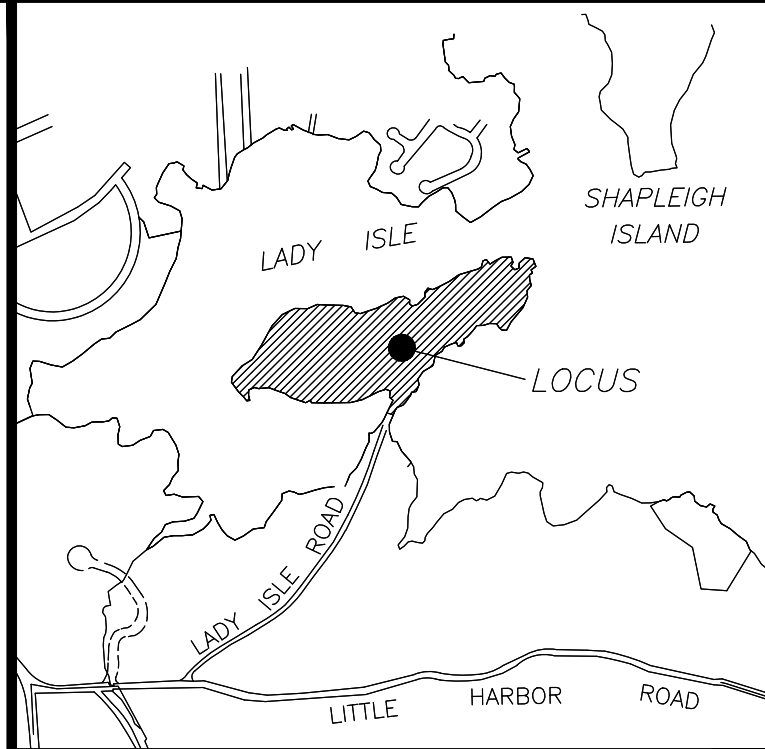


TIDAL ELEVATIONS		
MHHW		4.18
MHW		3.76
MTL		-0.32
MLW		-4.39
MLLW		-4.71
TIDAL ELEVATIONS ARE BASED ON NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) STATION 8423898, SEAVEY ISLAND, ME AND AS USED WITHIN THE TOWN OF PORTSMOUTH VULNERABILITY ASSESSMENT PREPARED BY THE ROCKINGHAM PLANNING COMMISSION, SEPTEMBER, 2015 AND INCLUDED WITH THE NHDES WETLANDS PERMIT APPLICATION. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		

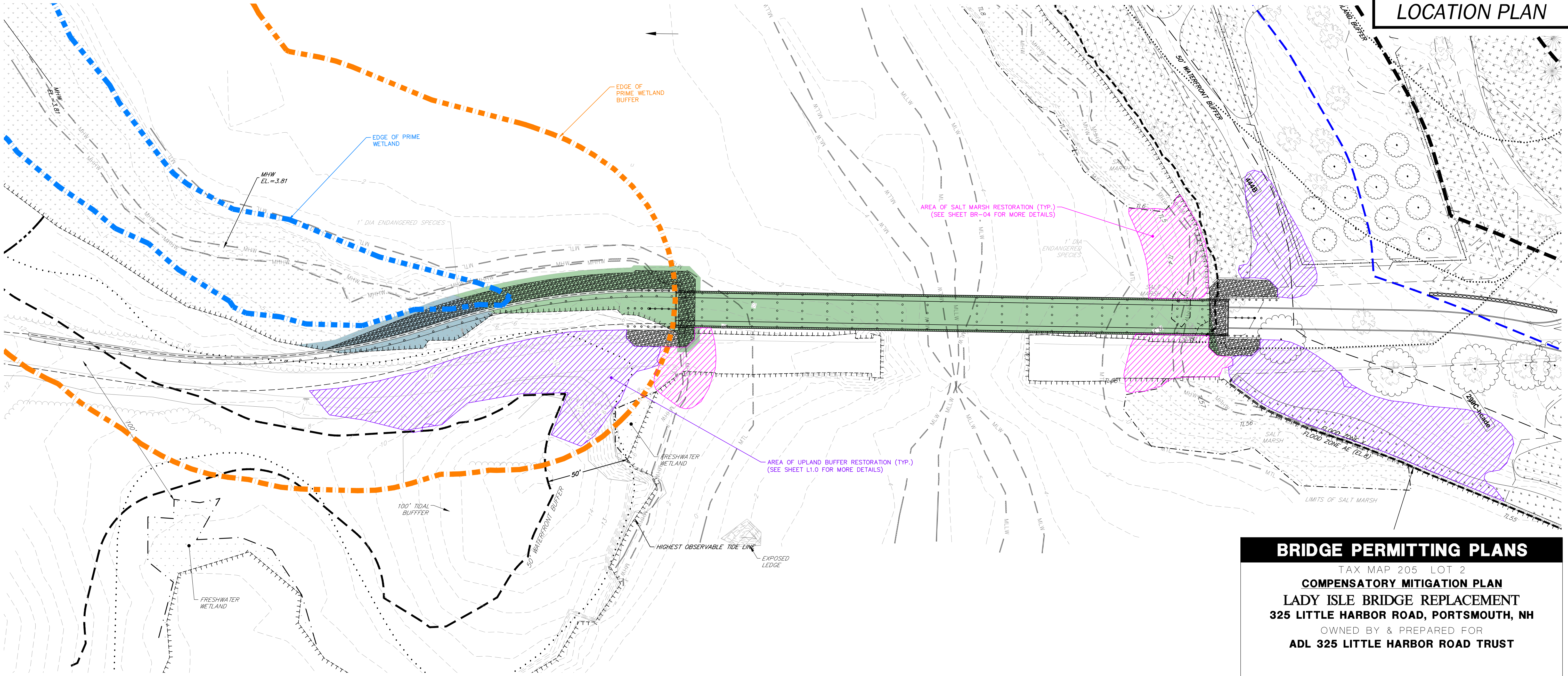
IMPACT AREA	
	PROPOSED PERMANENT IMPACTS FOR THE PURPOSE OF ADDING MATERIAL TO CONSTRUCT THE NEW BRIDGE AND SOUTH BRIDGE APPROACH 10,600 S.F.
	PROPOSED SALT MARSH IMPACTS FOR THE PURPOSE OF ADDING MATERIAL TO CONSTRUCT THE NEW SOUTH BRIDGE APPROACH 1,812 S.F.
	TOTAL AREA OF SALT MARSH RESTORATION 4,939 S.F.
	TOTAL AREA OF UPLAND BUFFER RESTORATION ~15,315 S.F.

TOTAL IMPACTS*	
WITHIN PRIME WETLAND BUFFER	21,750 S.F.
WITHIN PRIME WETLAND	270 S.F.

*SEE PRIME WETLAND BUFFER IMPACT PLAN FOR MORE INFORMATION (BR-08)



LOCATION PLAN

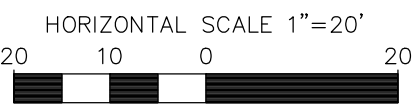


BRIDGE PERMITTING PLANS

TAX MAP 205 LOT 2
COMPENSATORY MITIGATION PLAN
LADY ISLE BRIDGE REPLACEMENT
325 LITTLE HARBOR ROAD, PORTSMOUTH, NH
OWNED BY & PREPARED FOR
ADL 325 LITTLE HARBOR ROAD TRUST

1"=60' (11"x17")
SCALE: 1"=30' (22"x34")
MAY 24, 2023

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REV	DATE	DESCRIPTION	DR	CK
4	4/11/2025	REVISED IMPACTS PER RETAINING WALL ADDITION	JKC	JCC
3	7/3/2024	REVISED PER DES COMMENTS	JKC	JCC
2	10/13/2023	PLAN ADDED TO PERMITTING SET	JKC	JCC

Seacoast Division



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47099.01	DR	JKC	FB	-	BR-10
	CK	JCC	CADFILE	47099-01_COMPENSATORY MITIGATION PLAN	