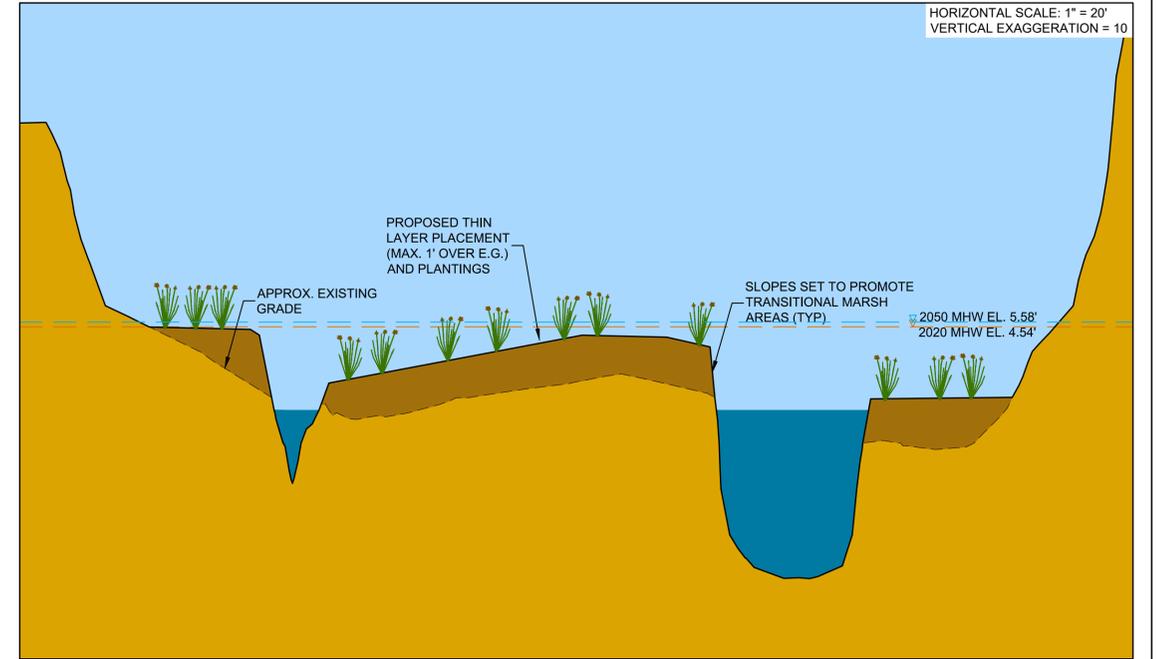
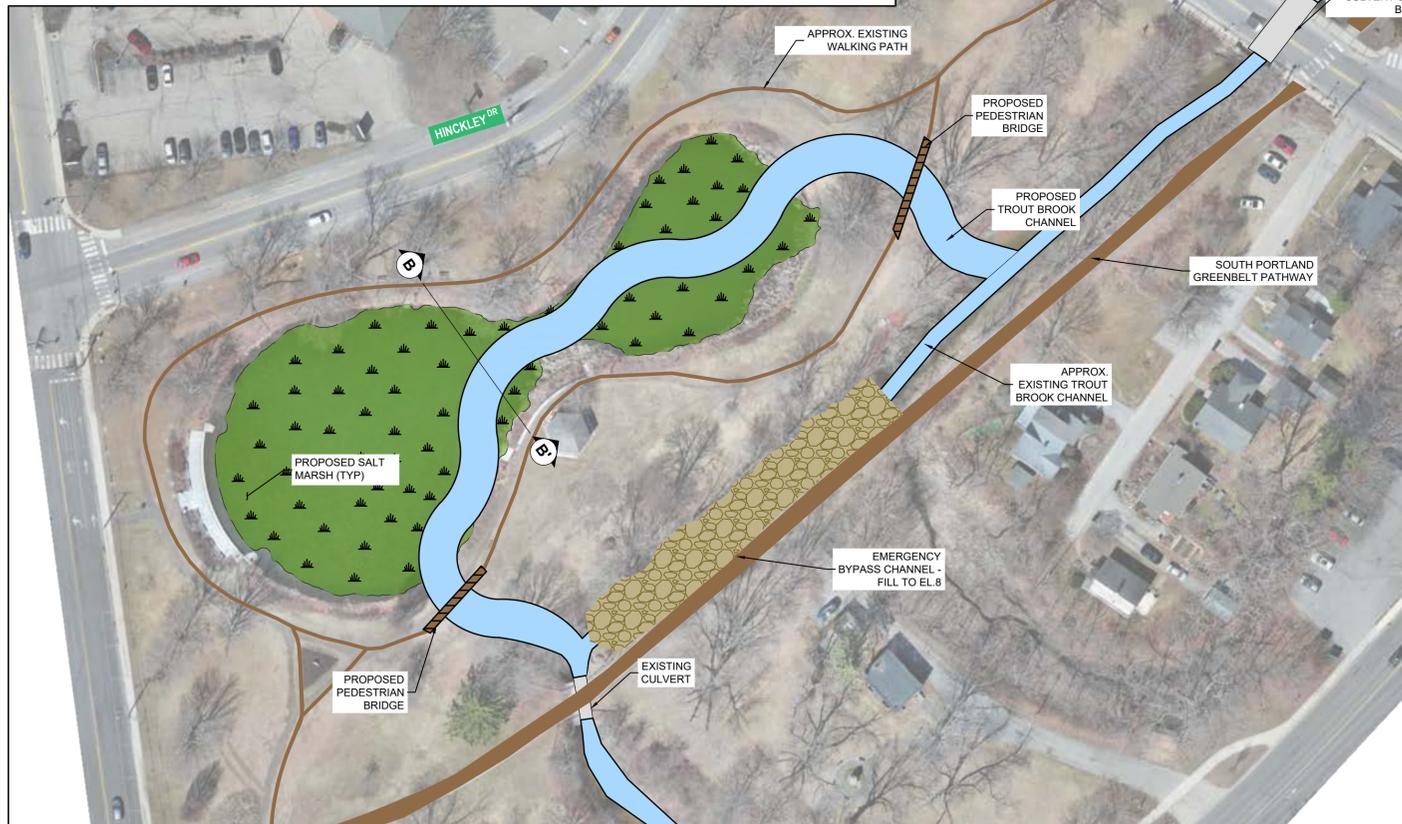




FLOODPLAIN RESTORATION - EXAMPLE

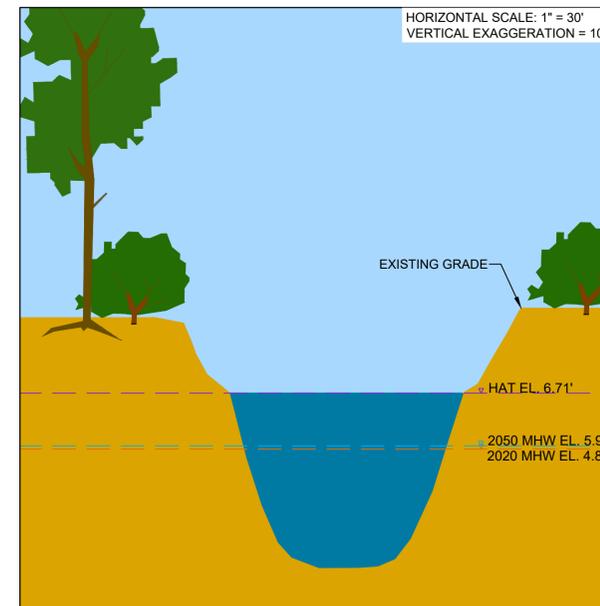


MILL COVE THIN LAYER PLACEMENT AND PLANTINGS SECTION A-A'

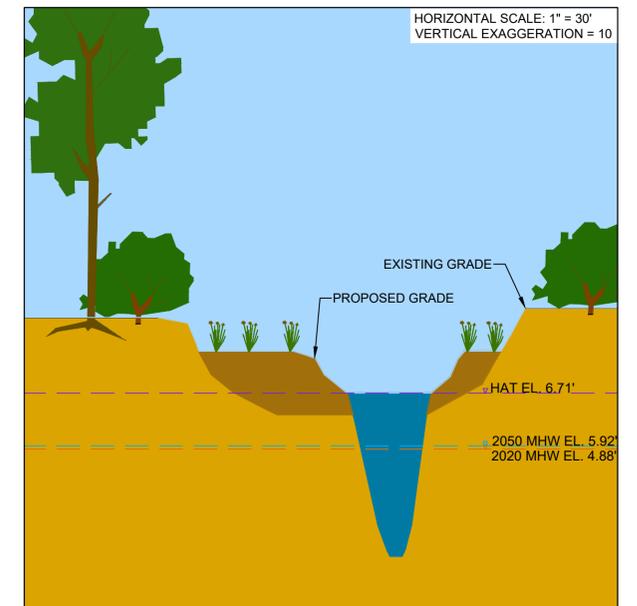


MILL CREEK PARK AND MILL COVE PLAN

NOTE: HYDRAULIC ANALYSIS NEEDED TO CONFIRM PROPOSED GRADING AND SALT MARSH CREATION DO NOT ADVERSELY IMPACT FLOOD ELEVATIONS OR CONVEYANCE CAPACITY OF THE STREAM CHANNEL.



MILL CREEK PARK EXISTING SECTION B-B'



MILL CREEK PARK PROPOSED SECTION B-B'

NOT FOR CONSTRUCTION



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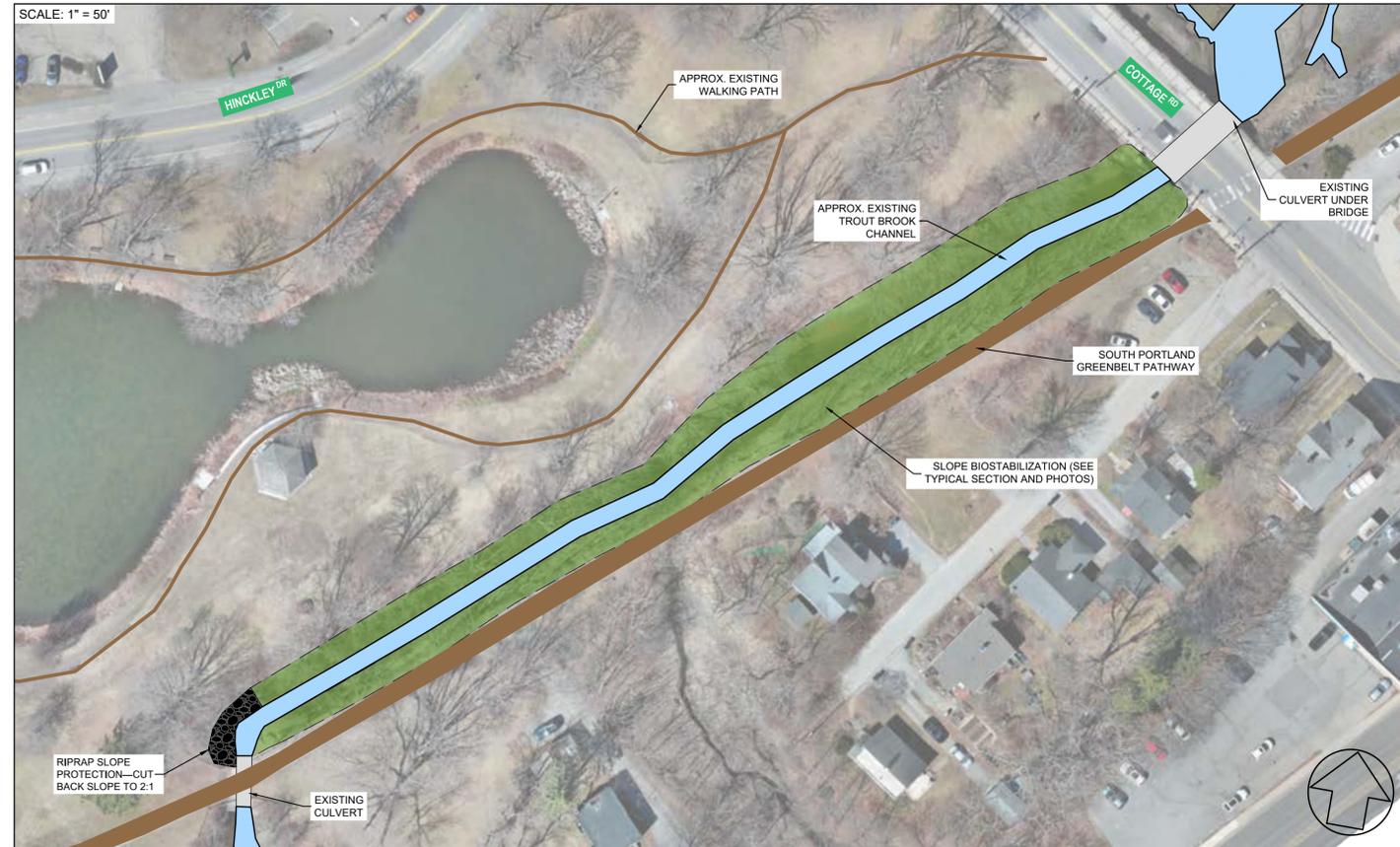
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cmaengineers.com

HORIZONTAL DATUM:
MAINE STATE PLANES, NAD83
VERTICAL DATUM:
NAVD88 US SURVEY FT
FULL SIZE PLOT: 11" x 17"

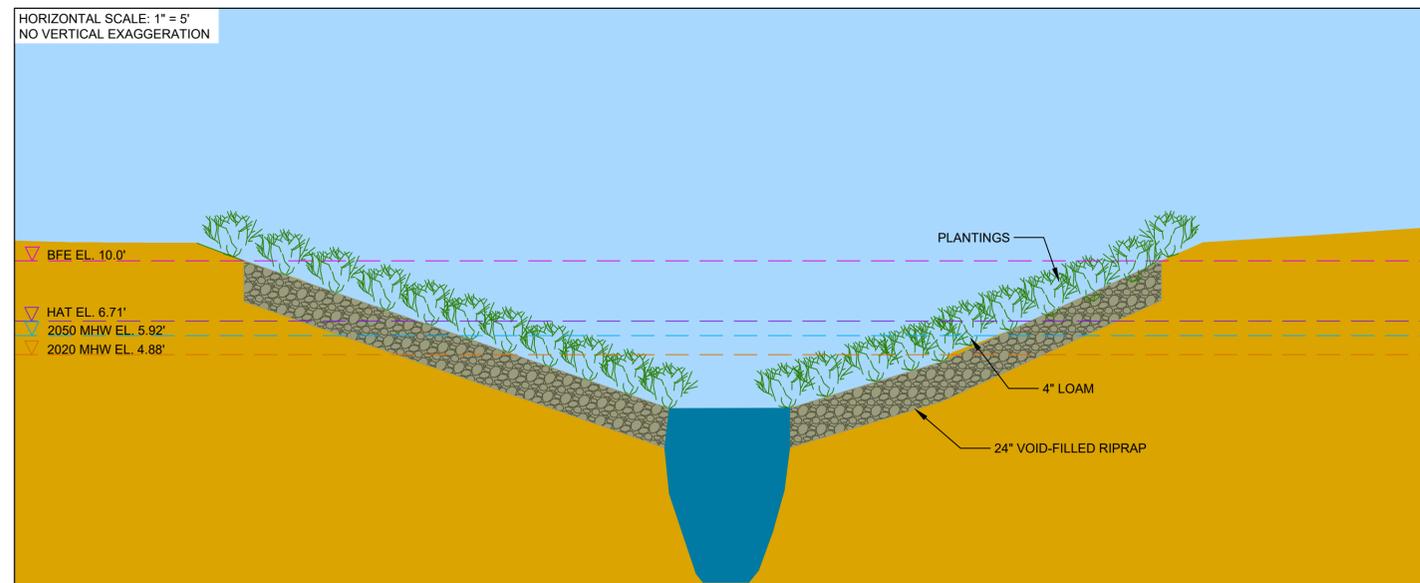
MILL COVE AND TROUT BROOK
REWILDING TROUT BROOK AND THIN LAYER PLACEMENT

DATE: 11/21/25
SHEET: 1 OF 6

- NOTES:
1. HYDRAULIC ANALYSIS NEEDED TO CONFIRM CROSS SECTIONAL AREA, SUCH THAT THERE IS NO LOSS IN HYDRAULIC CAPACITY OF THE CHANNEL.
 2. GRADING WORK AND RIPRAP INSTALLATION TO REDUCE EROSION OF EXISTING VERTICAL BANK BEHIND FALLING SHEET PILE.



TROUT BROOK STABILIZATION PLAN



SLOPE BIOSTABILIZATION TYPICAL SECTION

NOT FOR CONSTRUCTION



TROUT BROOK SLOPE EROSION - EXISTING



BANK STABILIZATION WITH STONES - EXAMPLE



FLOODPLAIN PLANTINGS - EXAMPLE



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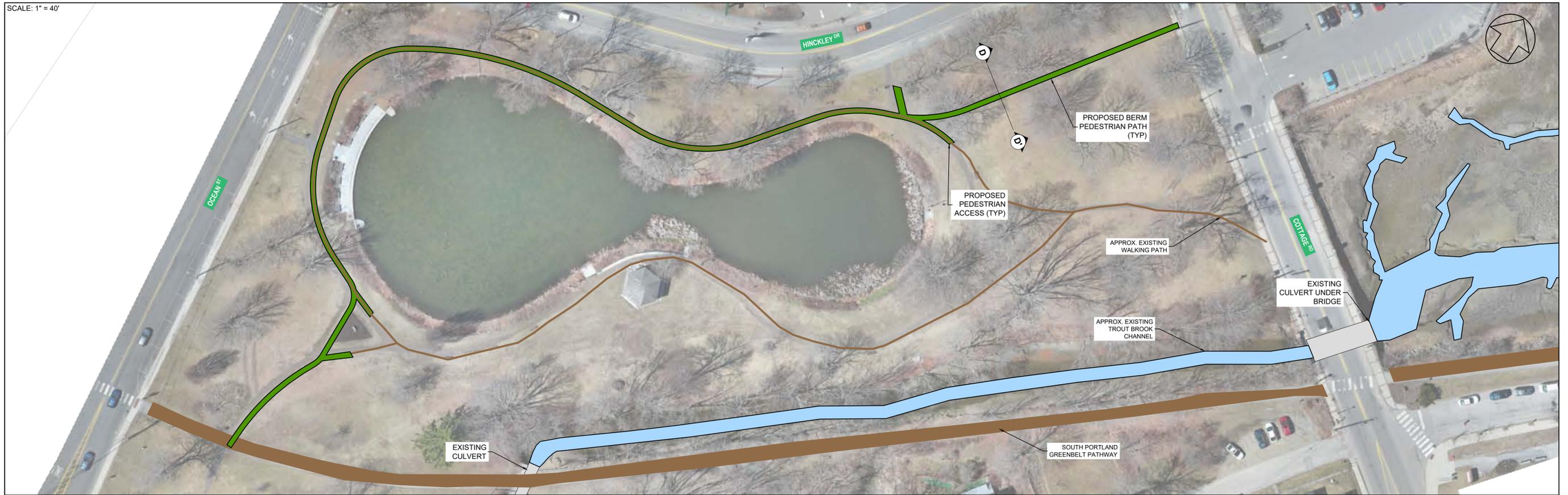
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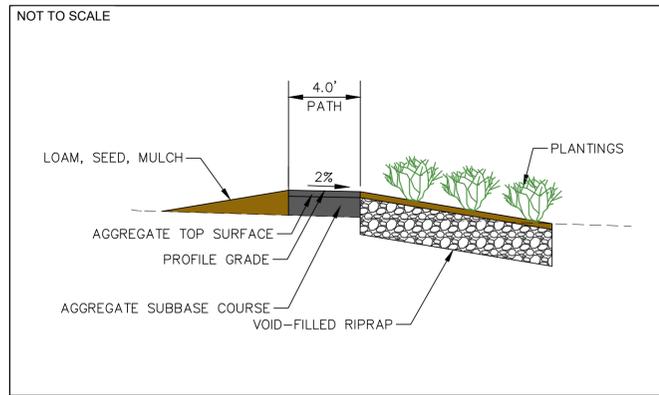
MILL COVE AND TROUT BROOK
 TROUT BROOK STABILIZATION

DATE: 11/21/25
 SHEET: 2 OF 6

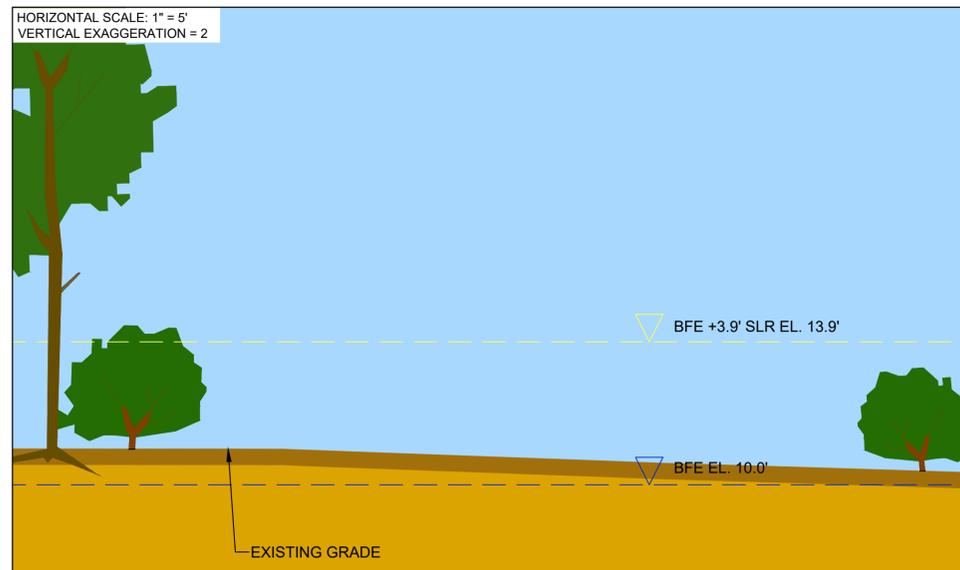
SCALE: 1" = 40'



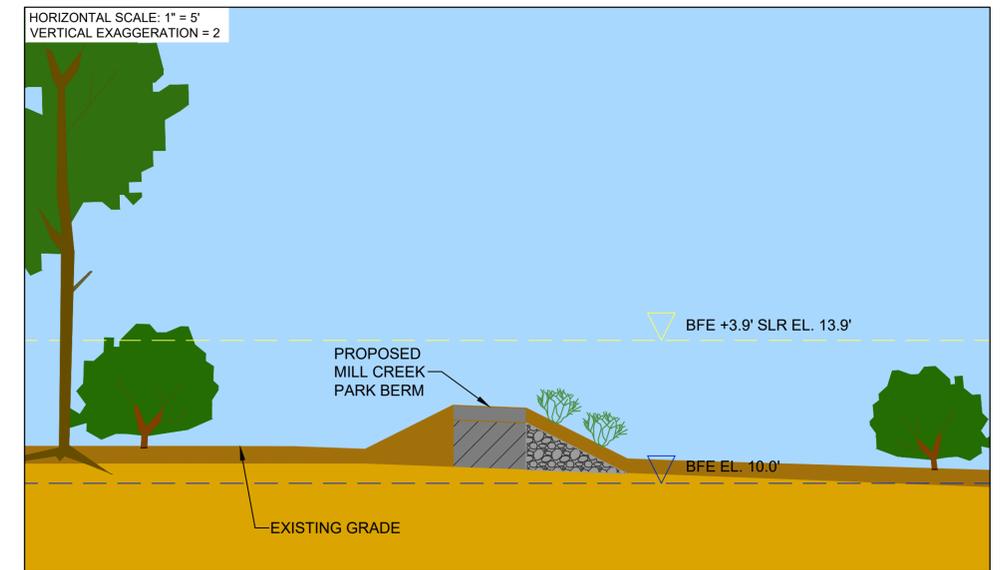
MILL CREEK PARK BERM PLAN



TYPICAL SECTION



MILL CREEK PARK PEDESTRIAN PATH EXISTING SECTION D-D'



MILL CREEK PARK PEDESTRIAN PATH PROPOSED BERM SECTION D-D'

NOT FOR CONSTRUCTION



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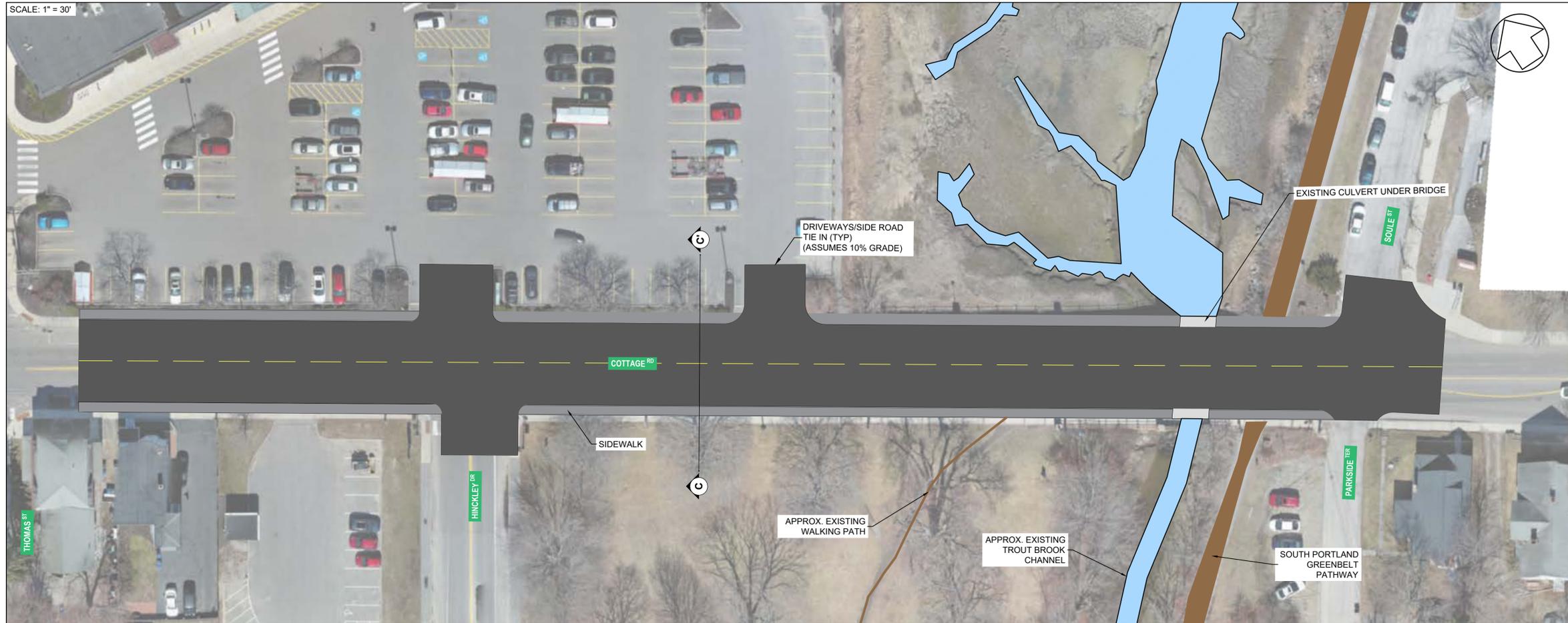
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FULL SIZE PLOT: 11" x 17"

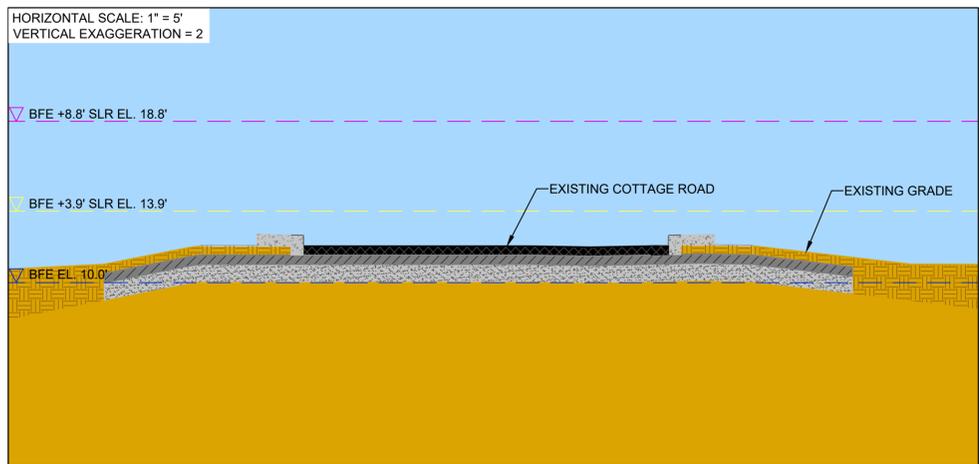
MILL COVE AND TROUT BROOK
MILL CREEK PARK BERM

DATE: 11/21/25
SHEET: 3 OF 6

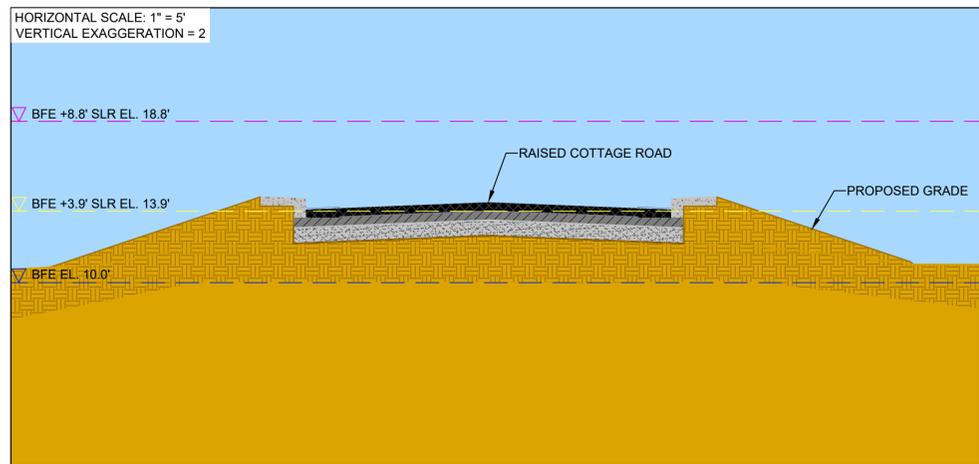


RAISING COTTAGE ROAD PLAN

NOTE:
COORDINATE PROFILE ADJUSTMENT AND BRIDGE
PROJECT WITH MAINE DOT.



RAISING COTTAGE ROAD EXISTING



RAISING COTTAGE ROAD PROPOSED

NOT FOR
CONSTRUCTION



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HORIZONTAL DATUM:
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VERTICAL DATUM:
NAVD88 US SURVEY FT
FULL SIZE PLOT: 11" x 17"

MILL COVE AND TROUT BROOK
RAISING COTTAGE ROAD

DATE: 11/21/25
SHEET: 4 OF 6

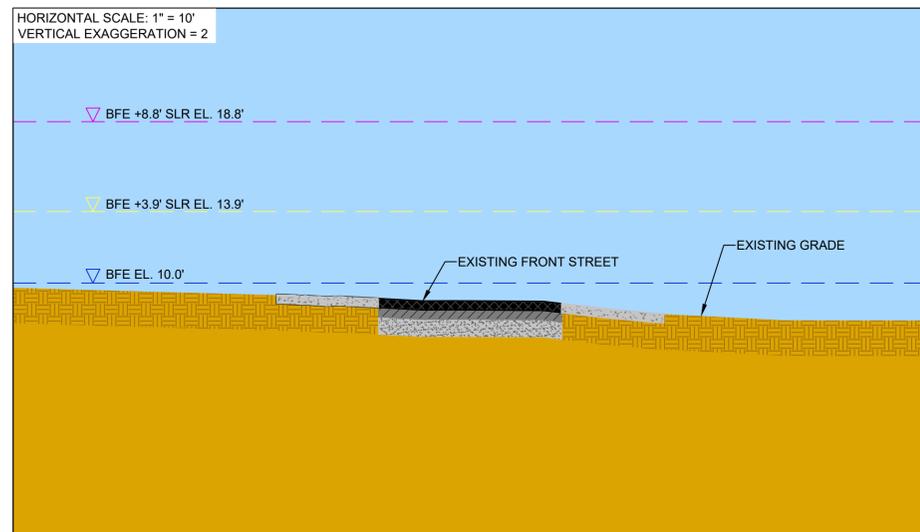
SCALE: 1" = 40'



- NOTES:
1. PERMANENT EASEMENT WITH PRIVATE PROPERTY OWNER REQUIRED. FUTURE COORDINATION NEEDED.
 2. ADDITIONAL INFORMATION ON CLOSED DRAINAGE NETWORK AND HYDROLOGIC AND HYDRAULIC ANALYSIS OF SYSTEM NEEDED TO ADVANCE DESIGN.

**RAISING FRONT STREET AND STORMWATER
DETENTION PLAN**

HORIZONTAL SCALE: 1" = 10'
VERTICAL EXAGGERATION = 2



**RAISING FRONT STREET EXISTING
SECTION E-E'**

HORIZONTAL SCALE: 1" = 10'
VERTICAL EXAGGERATION = 2



**RAISING FRONT STREET PROPOSED
SECTION E-E'**



**SUBSURFACE STORMWATER MANAGEMENT SYSTEM -
EXAMPLE**

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HORIZONTAL DATUM:
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VERTICAL DATUM:
NAVD88 US SURVEY FT
FULL SIZE PLOT: 11" x 17"

**FRONT STREET AND FERRY VILLAGE
RAISING FRONT STREET AND STORMWATER DETENTION SYSTEM**

DATE: 11/21/25
SHEET: 5 OF 6

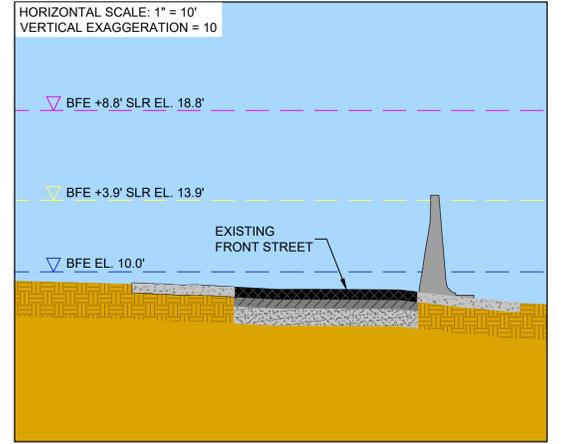
SCALE: 1" = 80'



- LIMITS OF DEPLOYABLE FLOOD BARRIER**
- BFE EL. 13'
 - BFE + 3.9' SLR EL. 16.9'
 - BFE + 8.8' SLR EL. 21.8'



MUSCLE WALL BARRIER - EXAMPLE



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FLOOD BARRIER PLAN



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VERTICAL DATUM:
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FULL SIZE PLOT: 11" x 17"

FRONT STREET AND FERRY VILLAGE FLOOD BARRIER

DATE: 11/21/25
SHEET: 6 OF 6