

NORTH MILL POND GREENWAY PORTSMOUTH, NH

STAKEHOLDER MEETING
JANUARY 2019

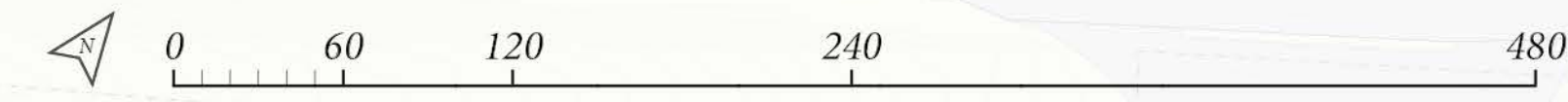


Tighe&Bond
Engineers | Environmental Specialists

HALVORSON DESIGN
PARTNERSHIP

DEROSA Environmental Consulting, Inc.

EXISTING CONDITIONS NORTH MILL POND GREENWAY



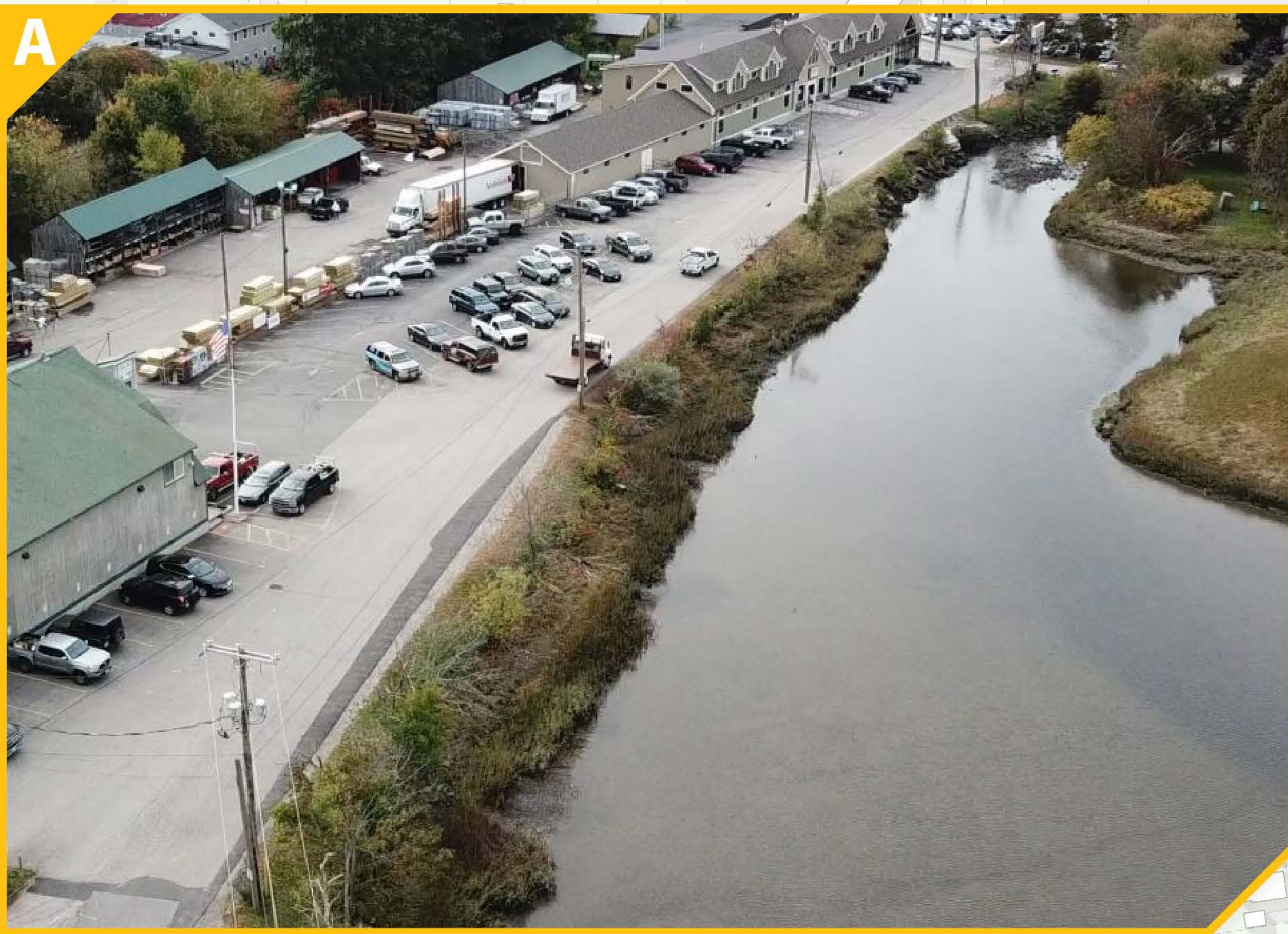
LEGEND

- Highest Observable Tide Line
- 25' Wetland Buffer
- 100' Wetland Buffer
- Parcels
- Vehicular Route
- Bike / Pedestrian Corridor
- View Corridors
- View Corridor and Informal Crossing
- Scenic Views
- Existing Conditions



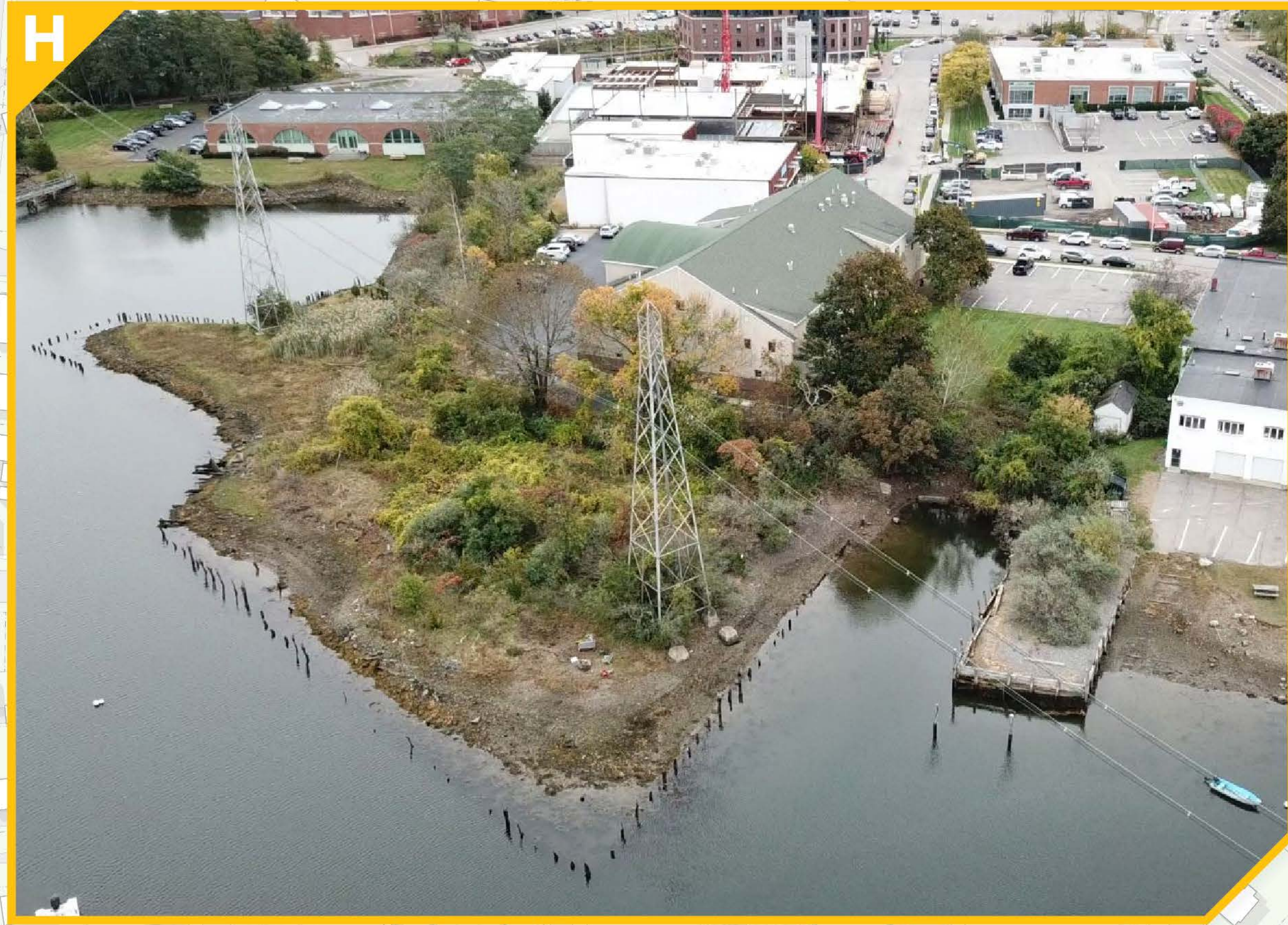
EXISTING SITE PHOTOGRAPHS NORTH MILL POND GREENWAY

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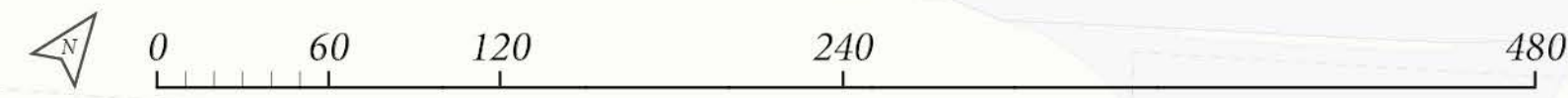


EXISTING SITE PHOTOGRAPHS
NORTH MILL POND GREENWAY





PLANNED AND ONGOING PROJECTS NORTH MILL POND GREENWAY

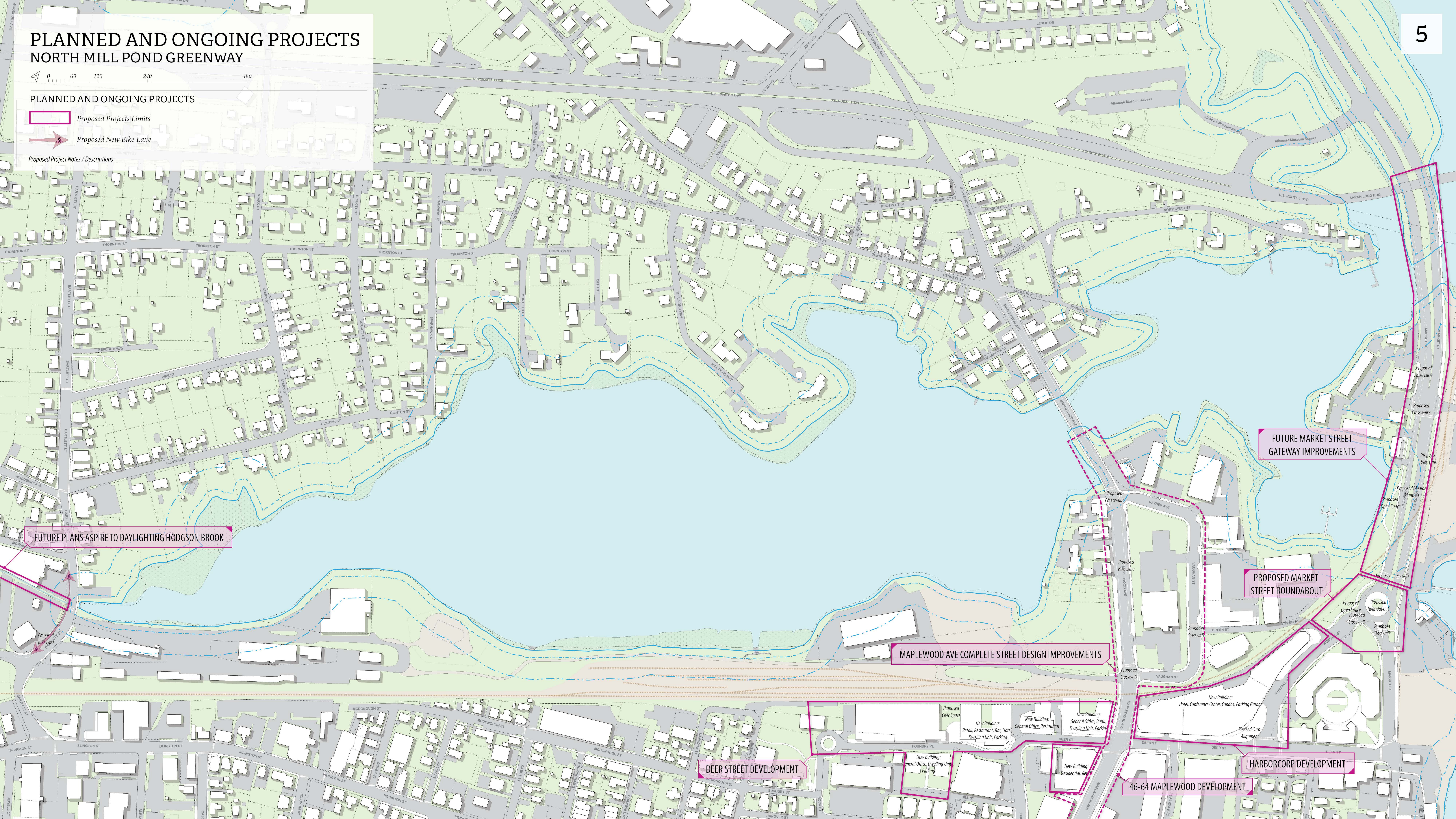


PLANNED AND ONGOING PROJECTS

Proposed Projects Limits

Proposed New Bike Lane

Proposed Project Notes / Descriptions

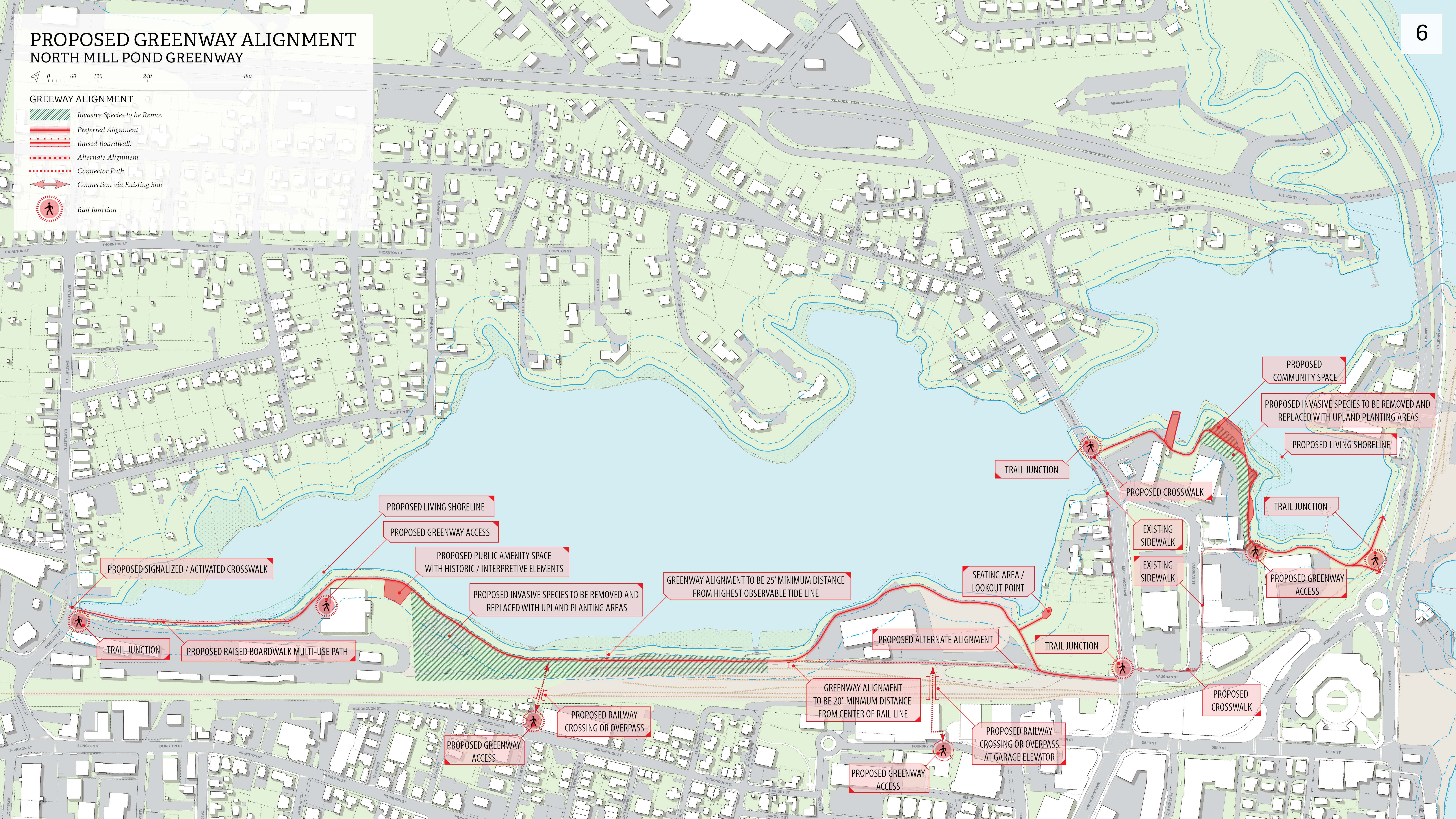


PROPOSED GREENWAY ALIGNMENT NORTH MILL POND GREENWAY

0 60 120 240 480

GREENWAY ALIGNMENT

- Invasive Species to be Removed
- Preferred Alignment
- Raised Boardwalk
- Alternate Alignment
- Connector Path
- Connection via Existing Side
- Rail Junction



PROPOSED SIGNALIZED / ACTIVATED CROSSWALK

PROPOSED LIVING SHORELINE

PROPOSED GREENWAY ACCESS

PROPOSED PUBLIC AMENITY SPACE
WITH HISTORIC / INTERPRETIVE ELEMENTS

PROPOSED INVASIVE SPECIES TO BE REMOVED AND
REPLACED WITH UPLAND PLANTING AREAS

GREENWAY ALIGNMENT TO BE 25' MINIMUM DISTANCE
FROM HIGHEST OBSERVABLE TIDE LINE

SEATING AREA /
LOOKOUT POINT

PROPOSED ALTERNATE ALIGNMENT

GREENWAY ALIGNMENT
TO BE 20' MINIMUM DISTANCE
FROM CENTER OF RAIL LINE

PROPOSED RAILWAY
CROSSING OR OVERPASS
AT GARAGE ELEVATOR

PROPOSED
COMMUNITY SPACE

PROPOSED INVASIVE SPECIES TO BE REMOVED AND
REPLACED WITH UPLAND PLANTING AREAS

PROPOSED LIVING SHORELINE

TRAIL JUNCTION

PROPOSED GREENWAY
ACCESS

PROPOSED CROSSWALK

PROPOSED CROSSWALK

EXISTING
SIDEWALK

EXISTING
SIDEWALK

TRAIL JUNCTION

PROPOSED RAILWAY
CROSSING OR OVERPASS

PROPOSED GREENWAY
ACCESS

PROPOSED RAISED BOARDWALK MULTI-USE PATH

TRAIL JUNCTION

TRAIL JUNCTION

TRAIL JUNCTION

TRAIL JUNCTION

TRAIL JUNCTION

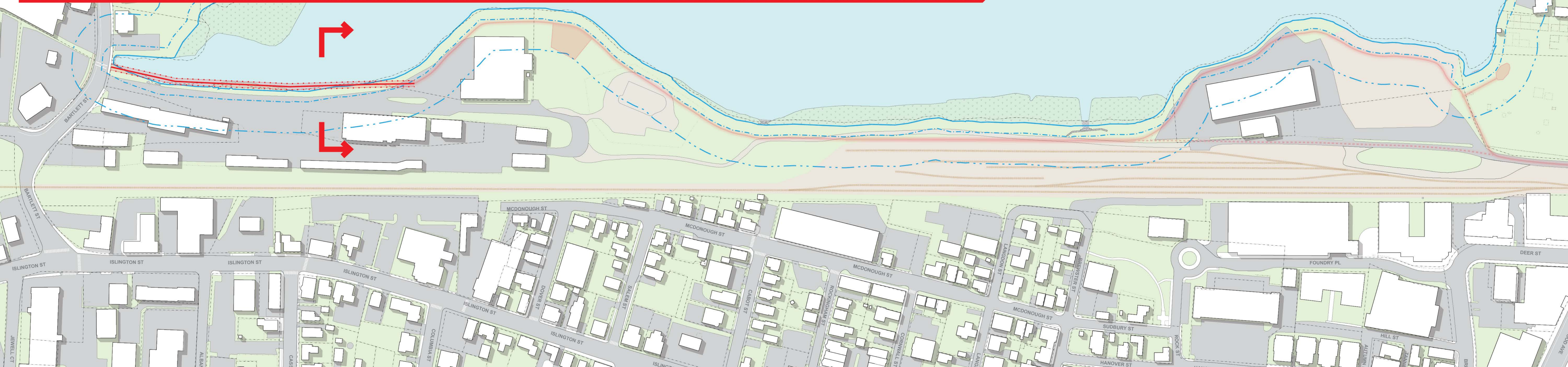
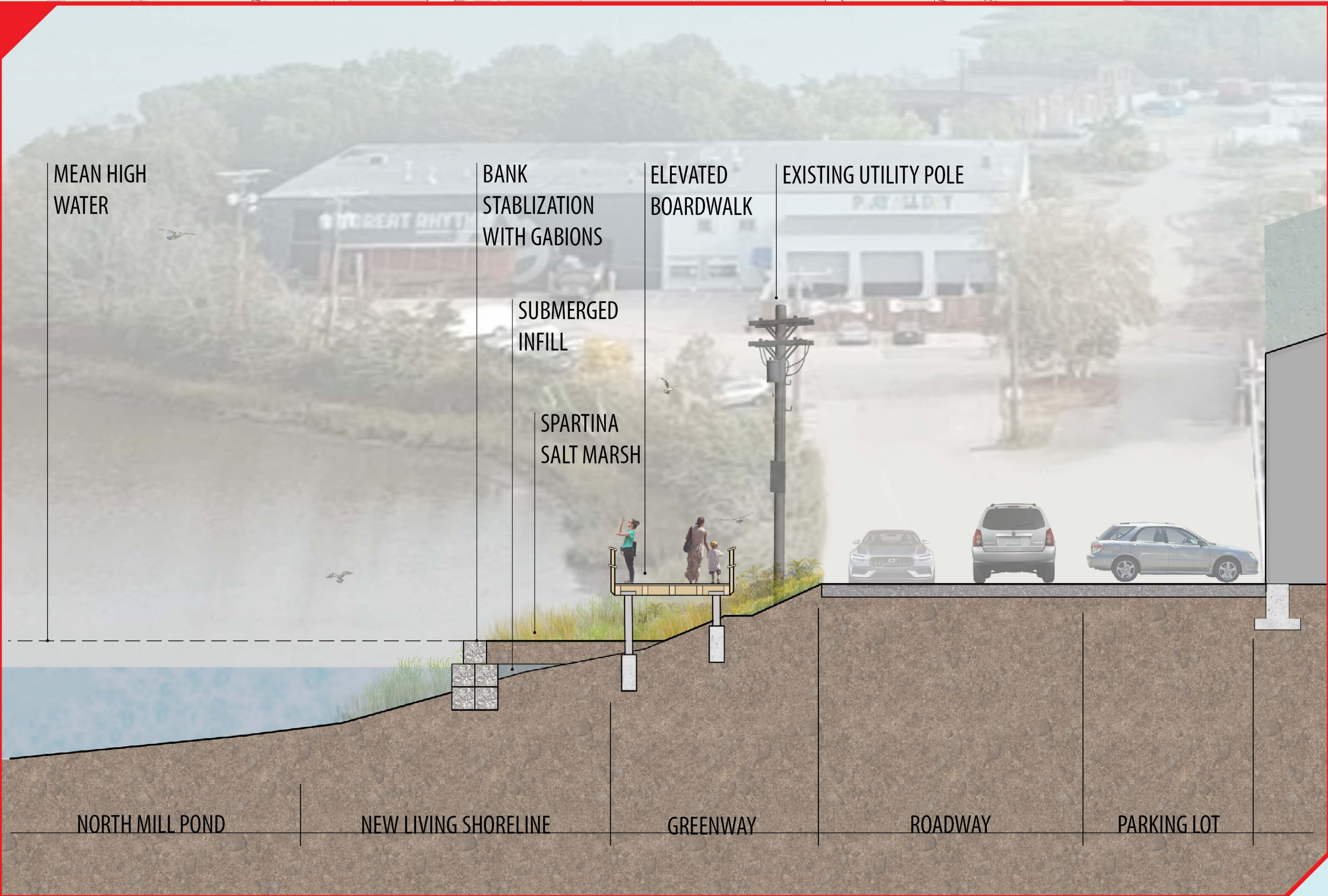
TRAIL JUNCTION

TRAIL JUNCTION

BOARDWALK: SECTIONS AND PRECEDENT IMAGES

NORTH MILL POND GREENWAY

0 60 120 240 480



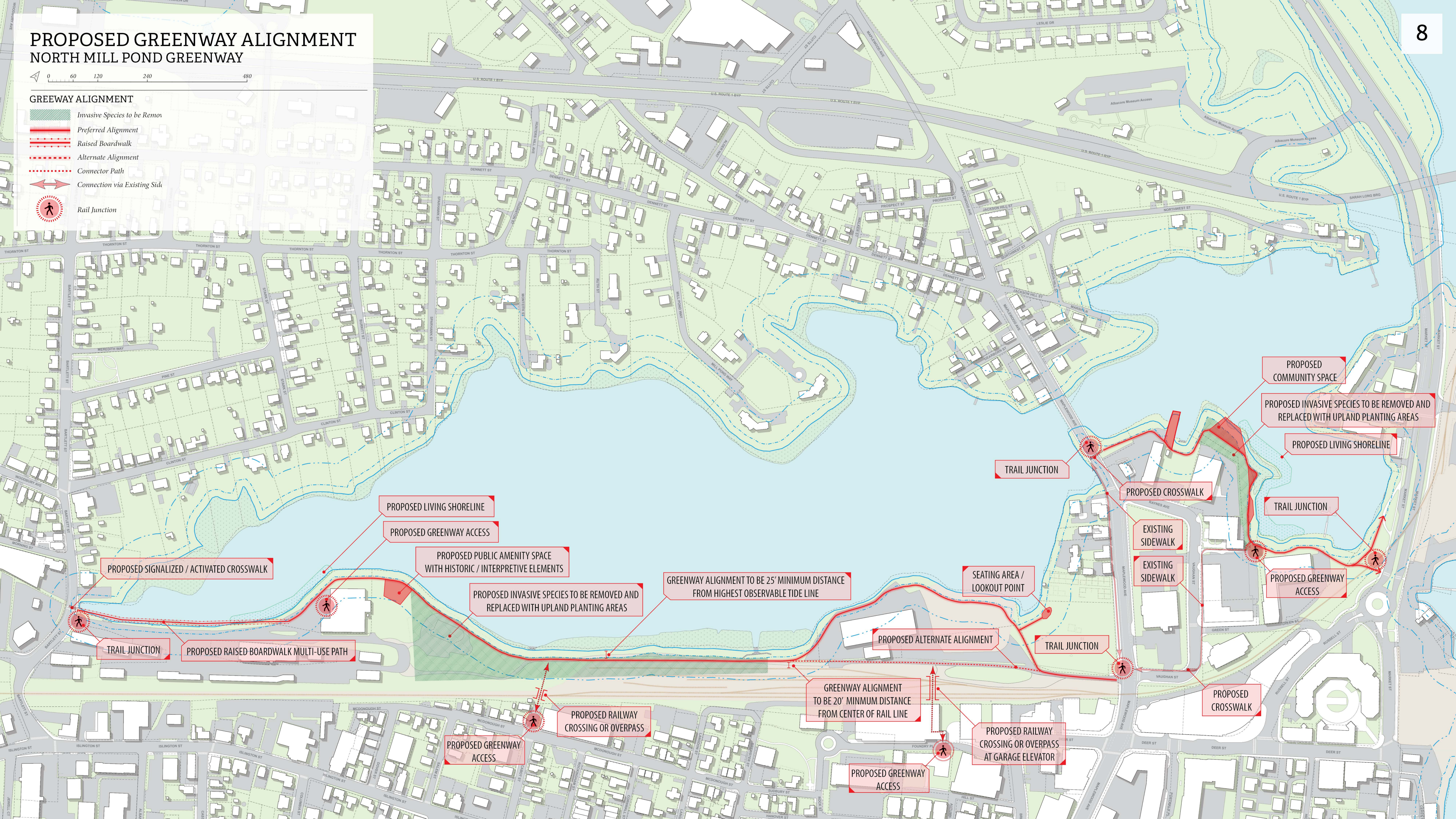
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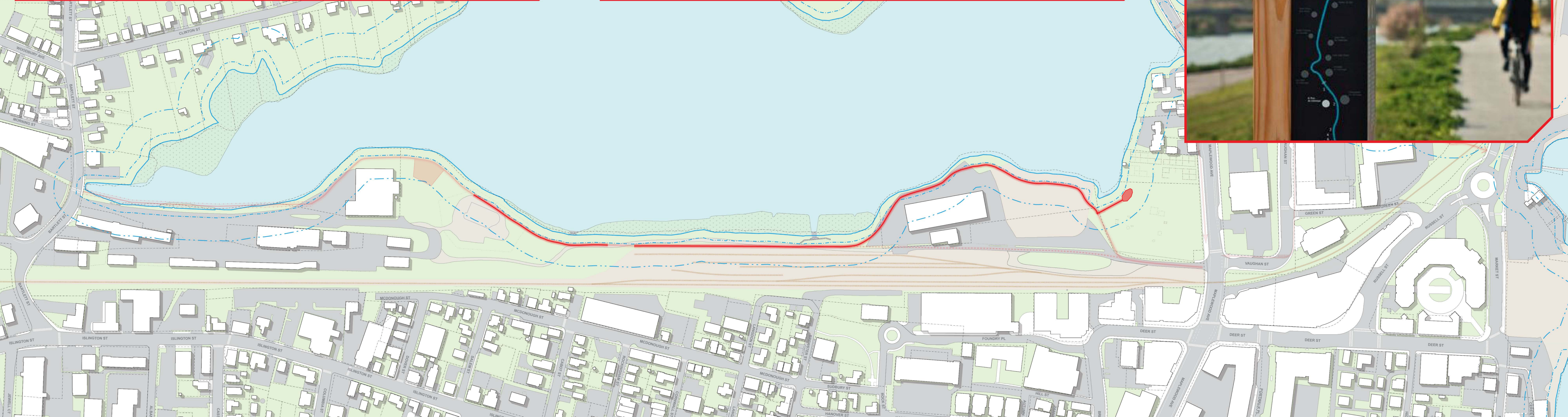
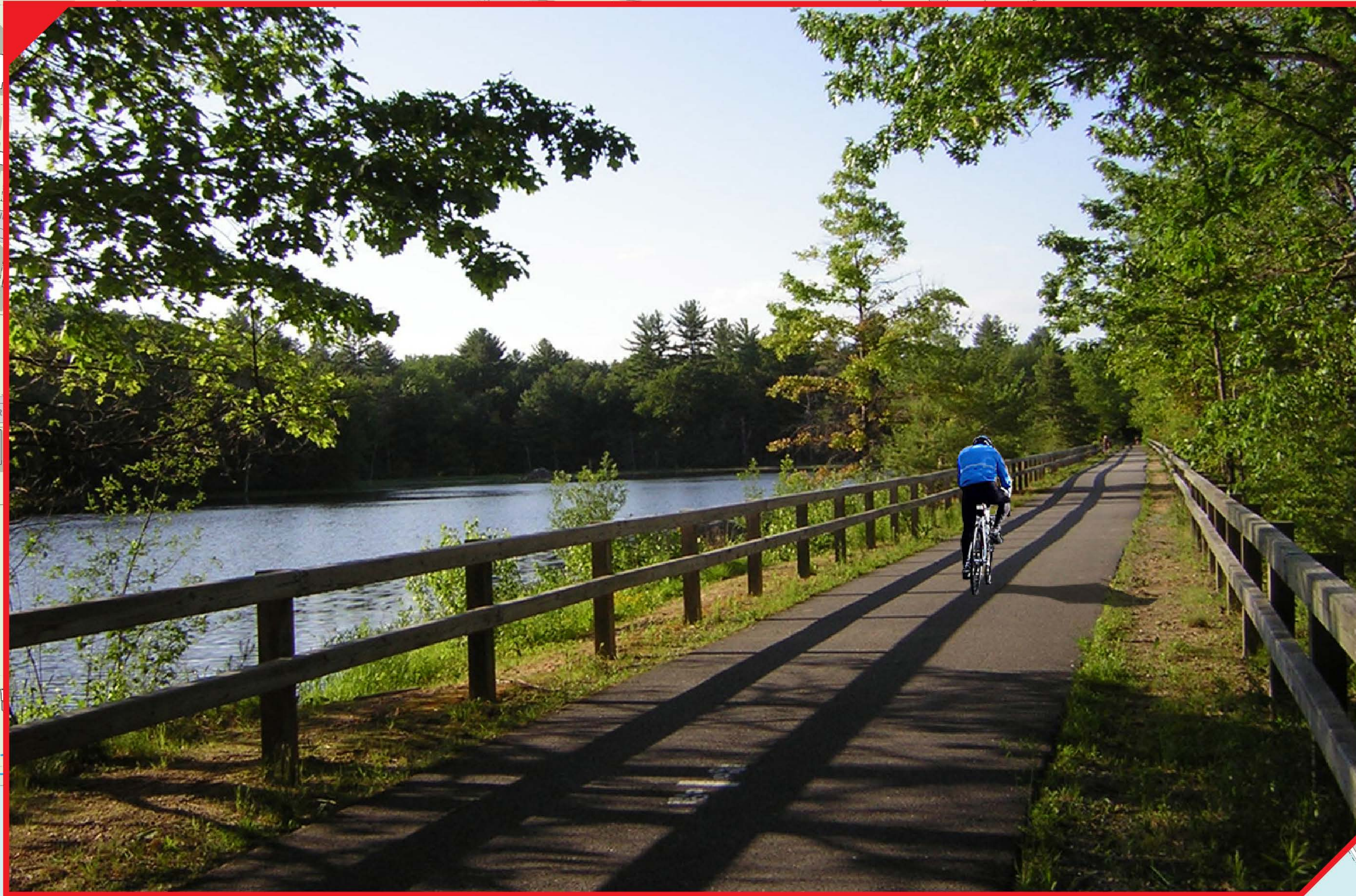
RAILWAY CROSSING: AT GRADE VS. OVERPASS CROSSING

NORTH MILL POND GREENWAY

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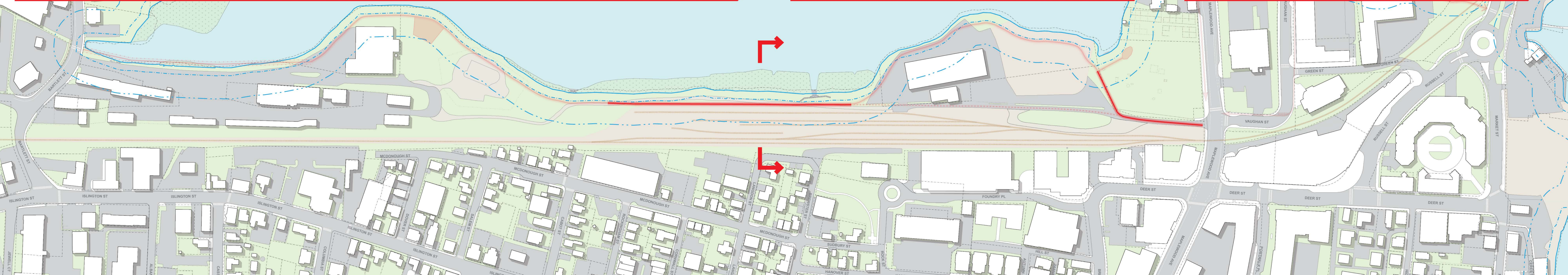
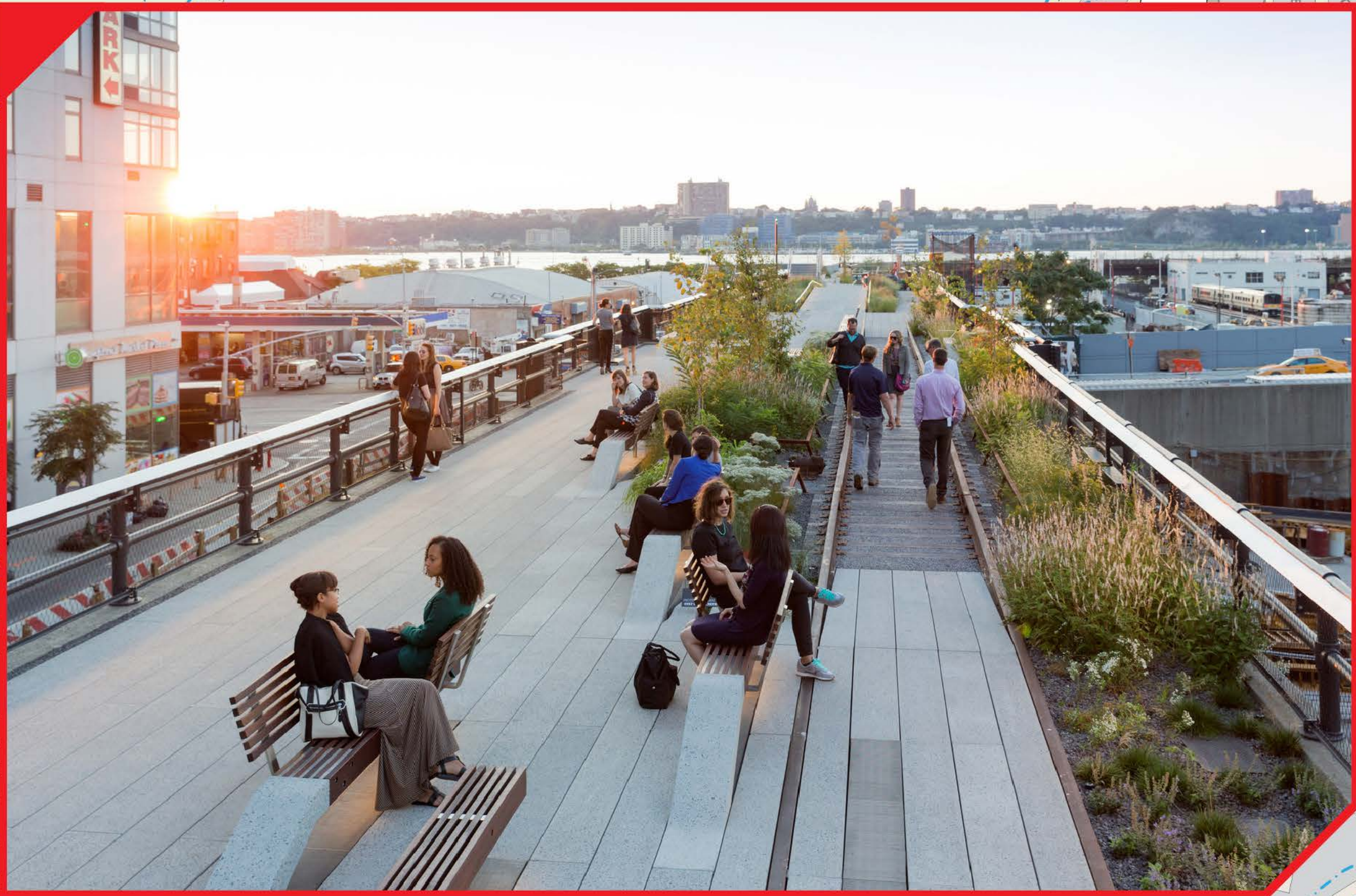
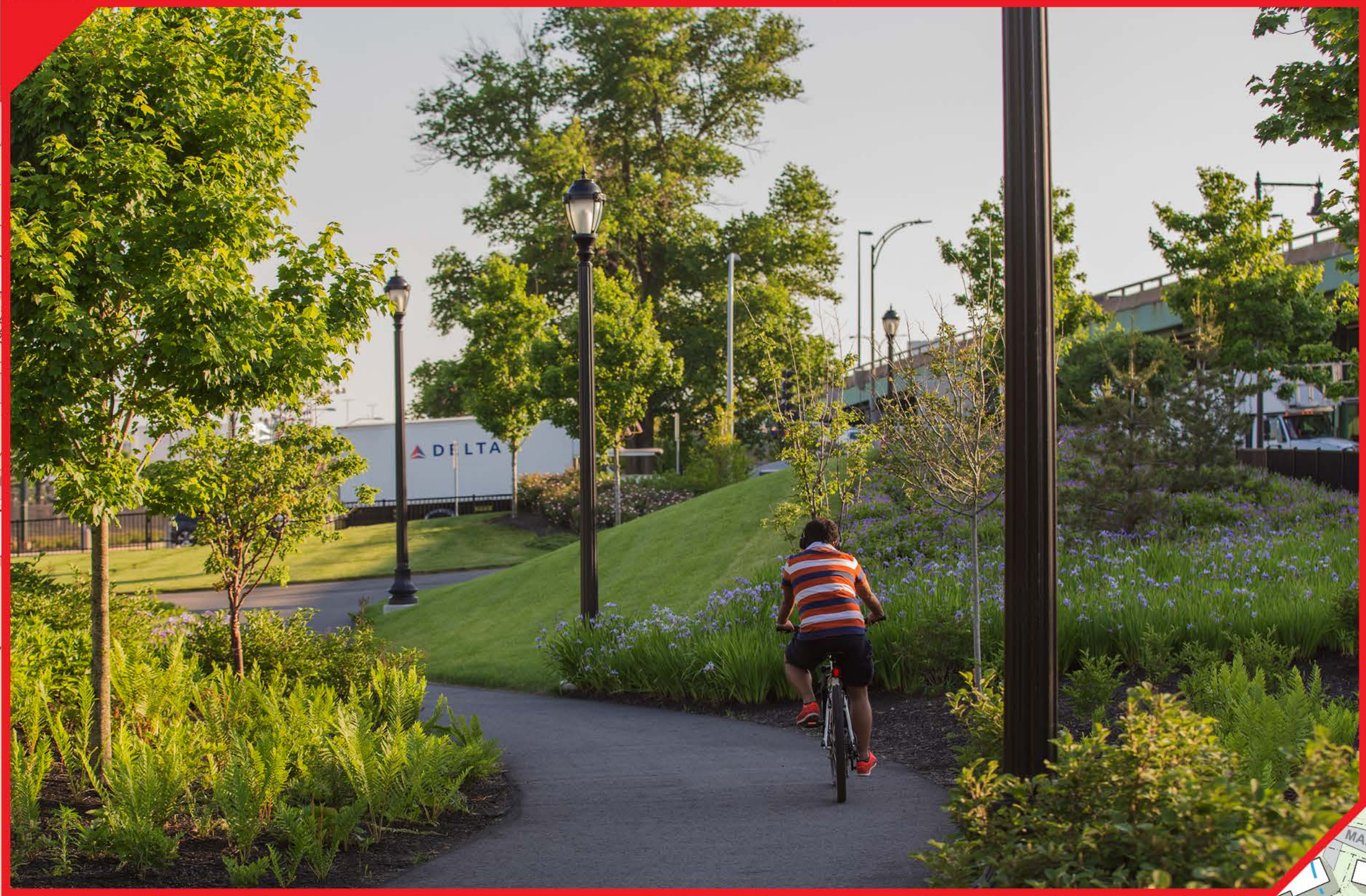
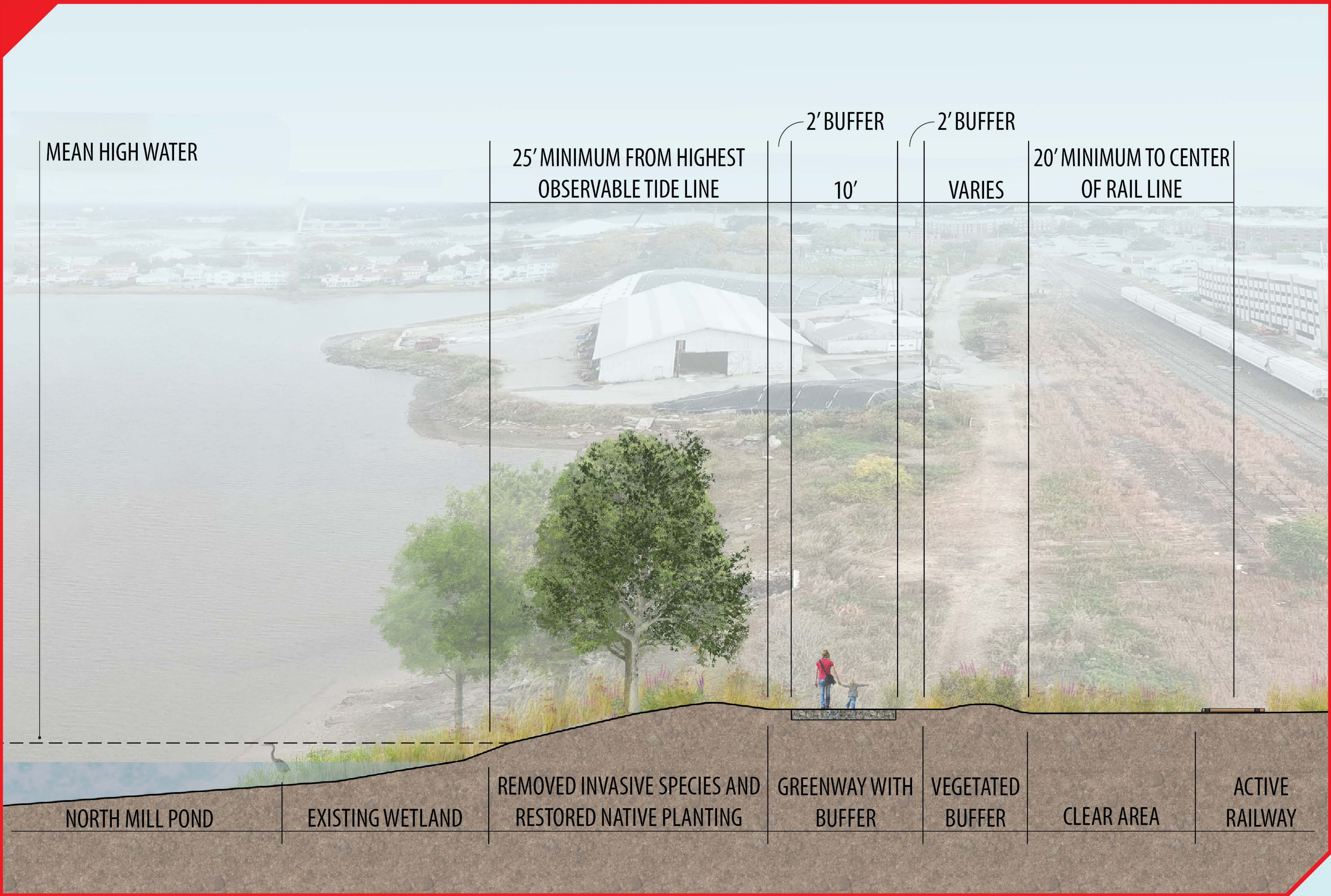


SHORELINE TRAIL: SECTIONS AND PRECEDENT IMAGES
NORTH MILL POND GREENWAY



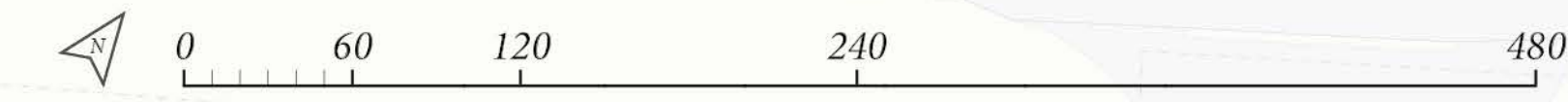
TRAIL ADJACENT TO RAILYARD: PRECEDENT IMAGES
NORTH MILL POND GREENWAY

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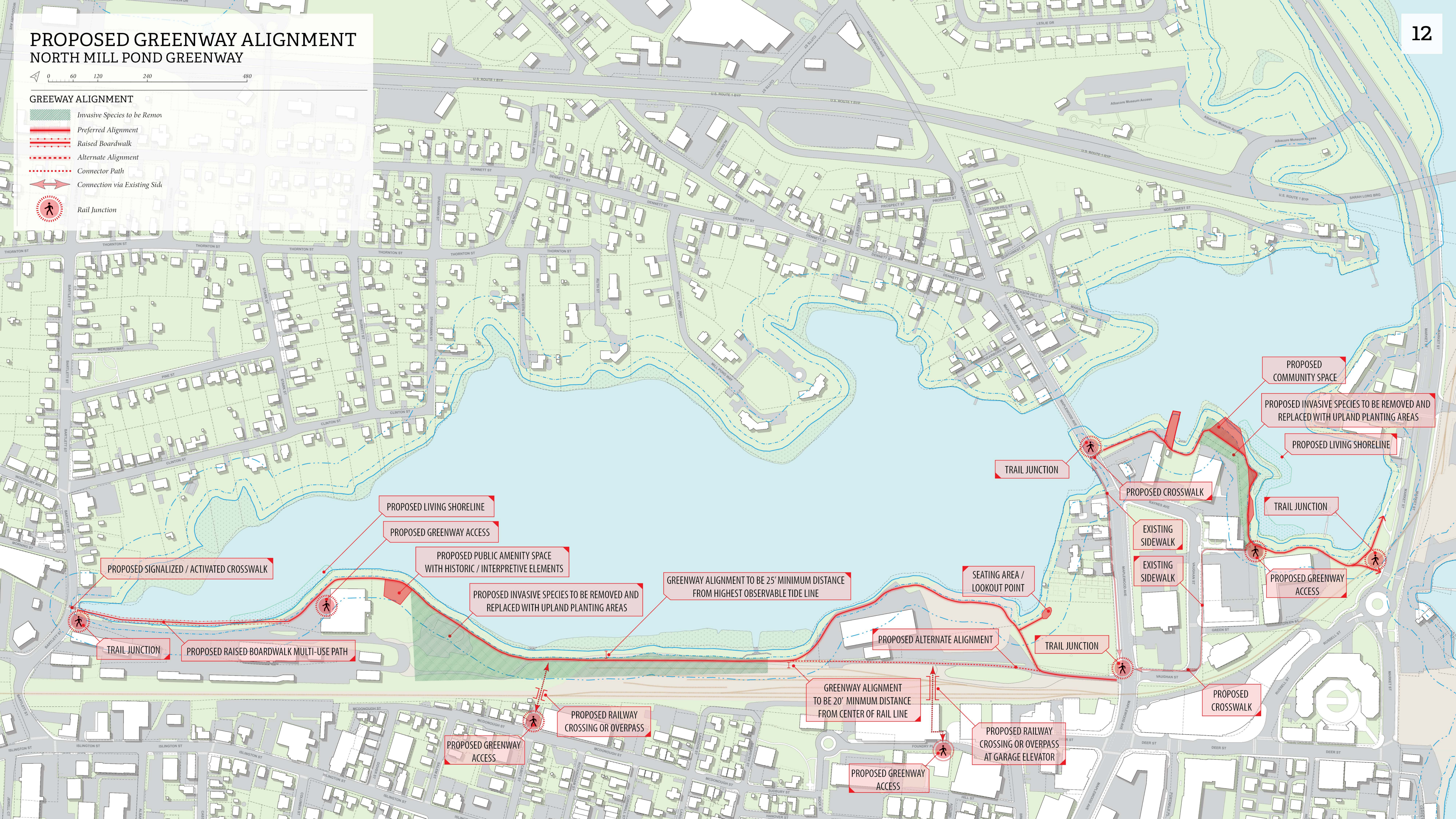
PROPOSED GREENWAY ALIGNMENT

NORTH MILL POND GREENWAY



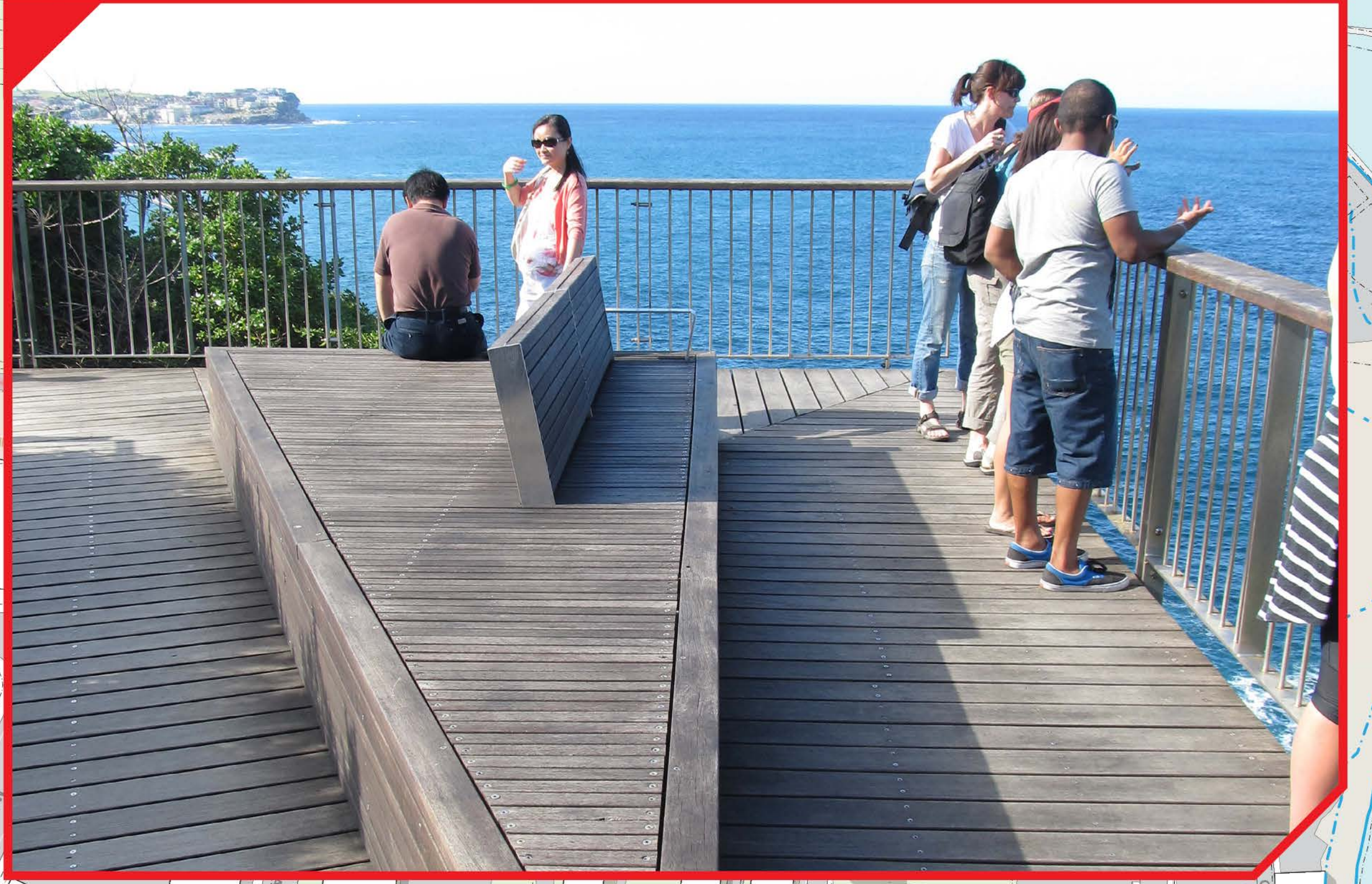
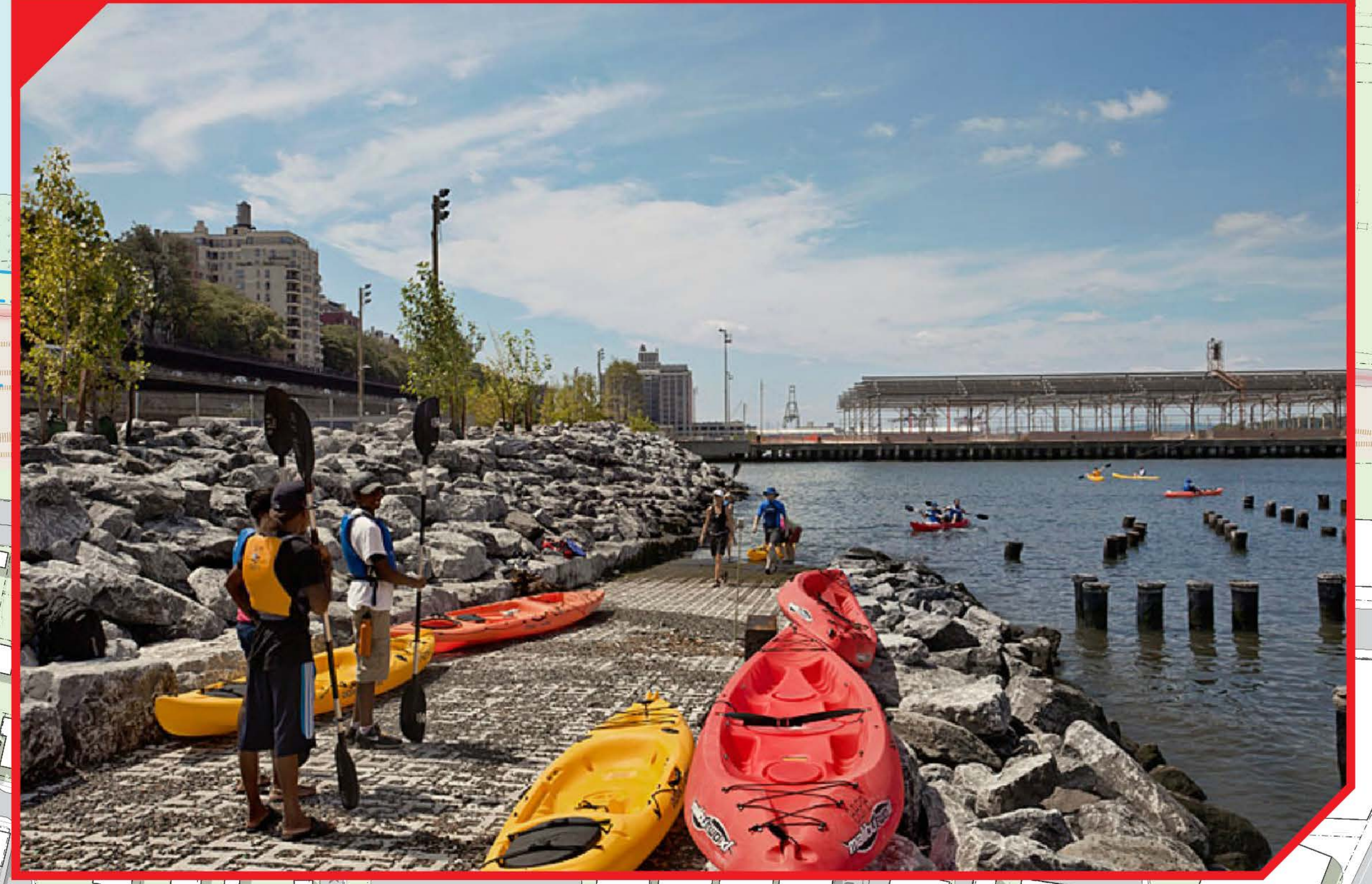
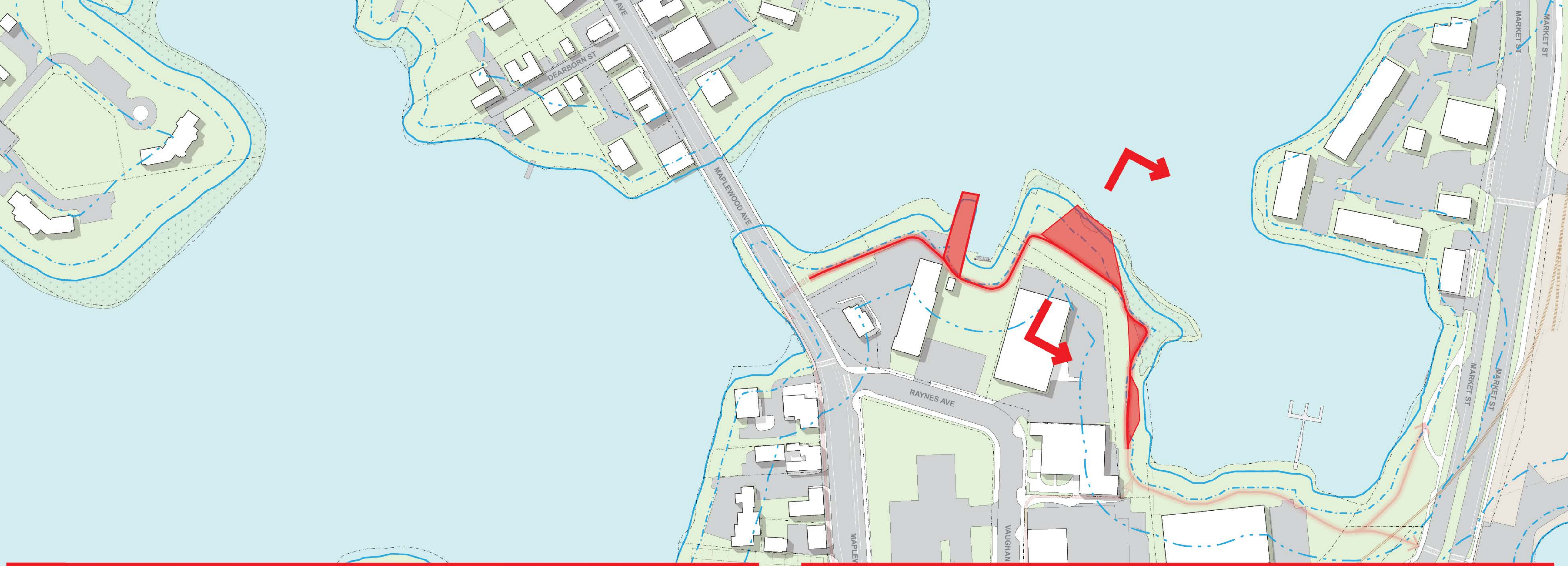
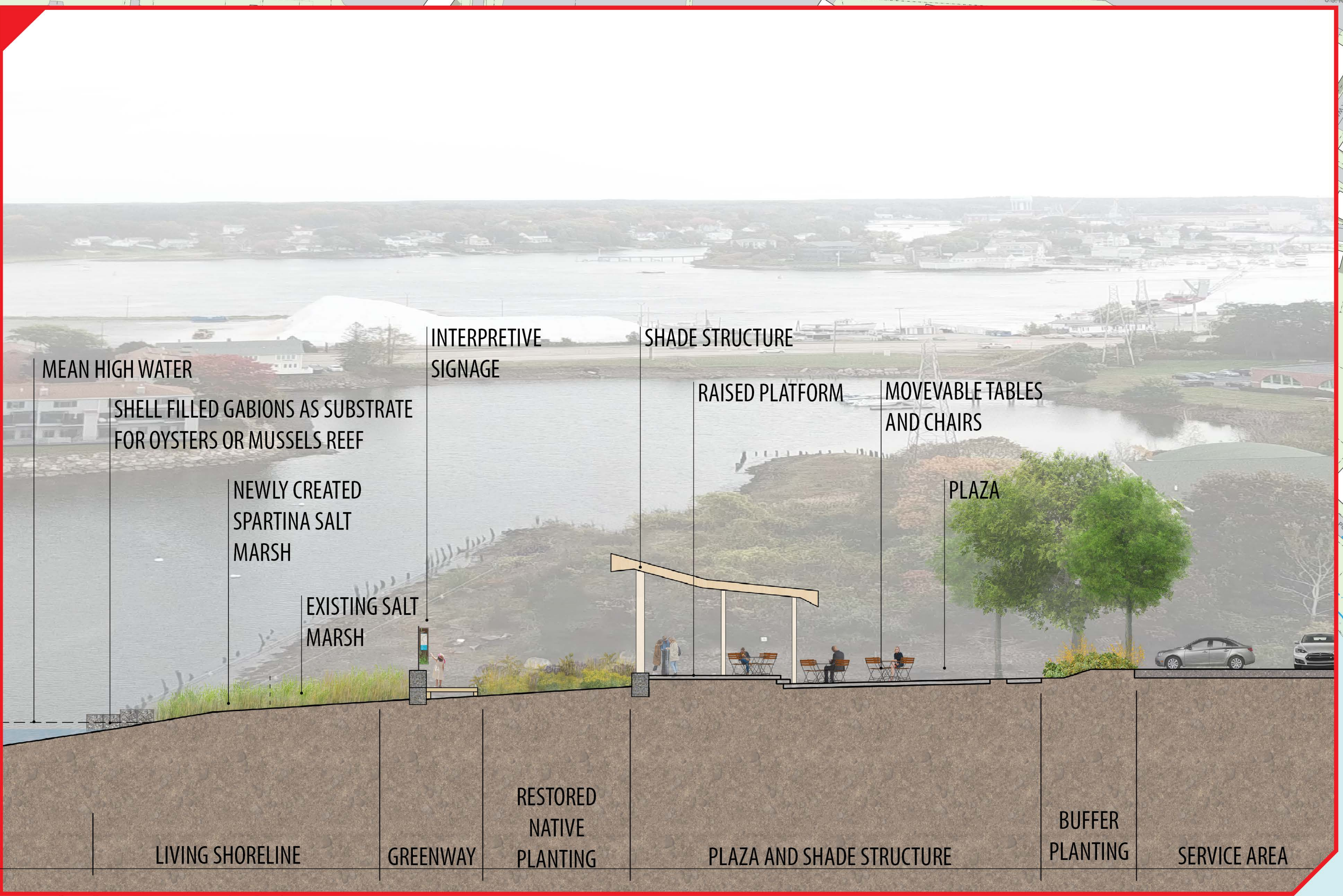
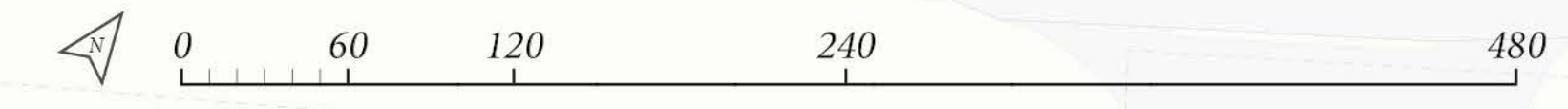
GREENWAY ALIGNMENT

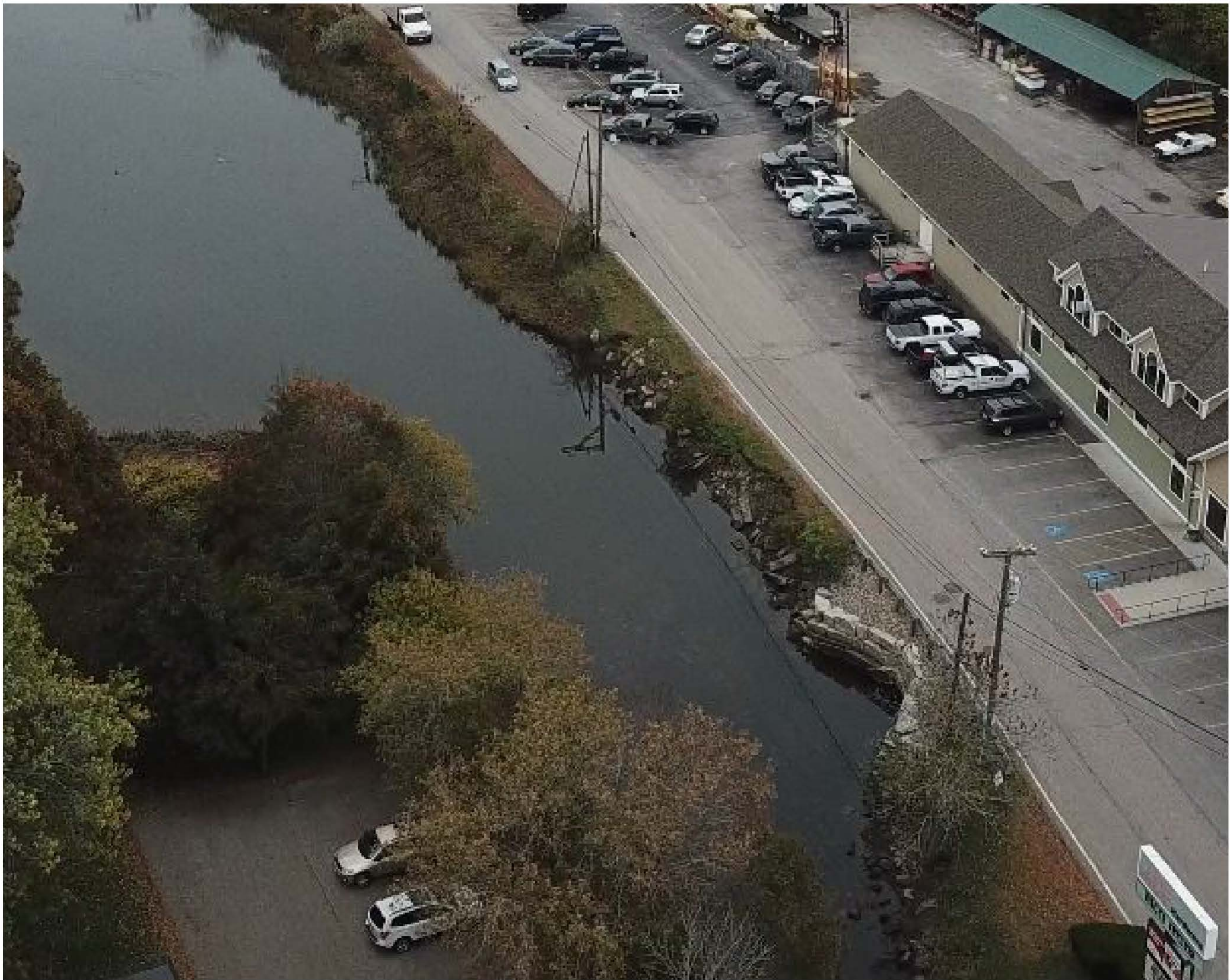
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COMMUNITY PARK: SECTIONS AND PRECEDENT IMAGES

NORTH MILL POND GREENWAY







GABIONS WITH OYSTER SHELL AND ROCK



COIR LOGS & STRUCTURAL GEOTEXTILES



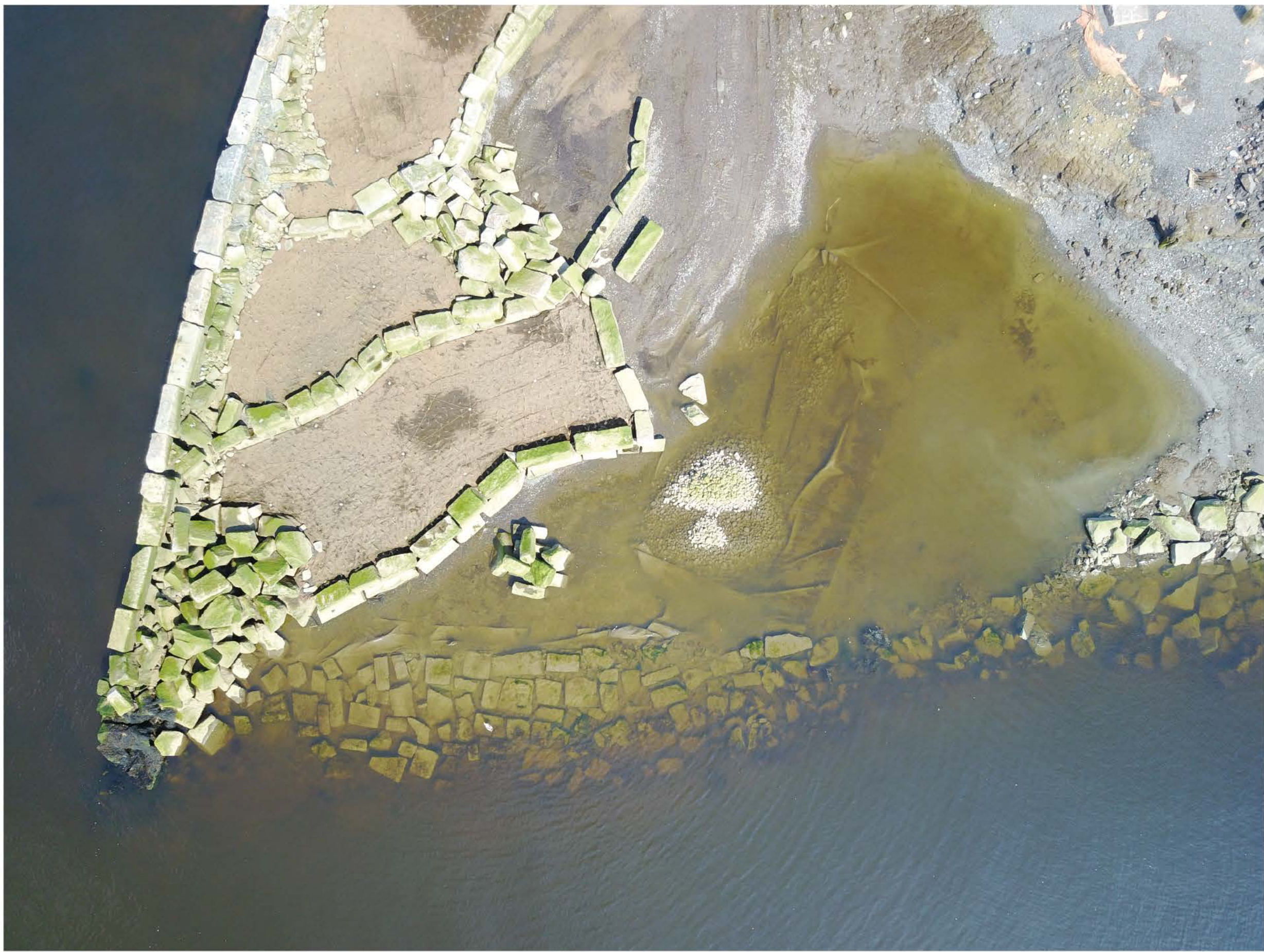
COIR LOGS AND HIGH AND LOW MARSH PLANTINGS AFTER TWO YEARS OF ESTABLISHMENT



MARSH GRASS PLANTINGS INSTALLED WITH COIR BLANKET



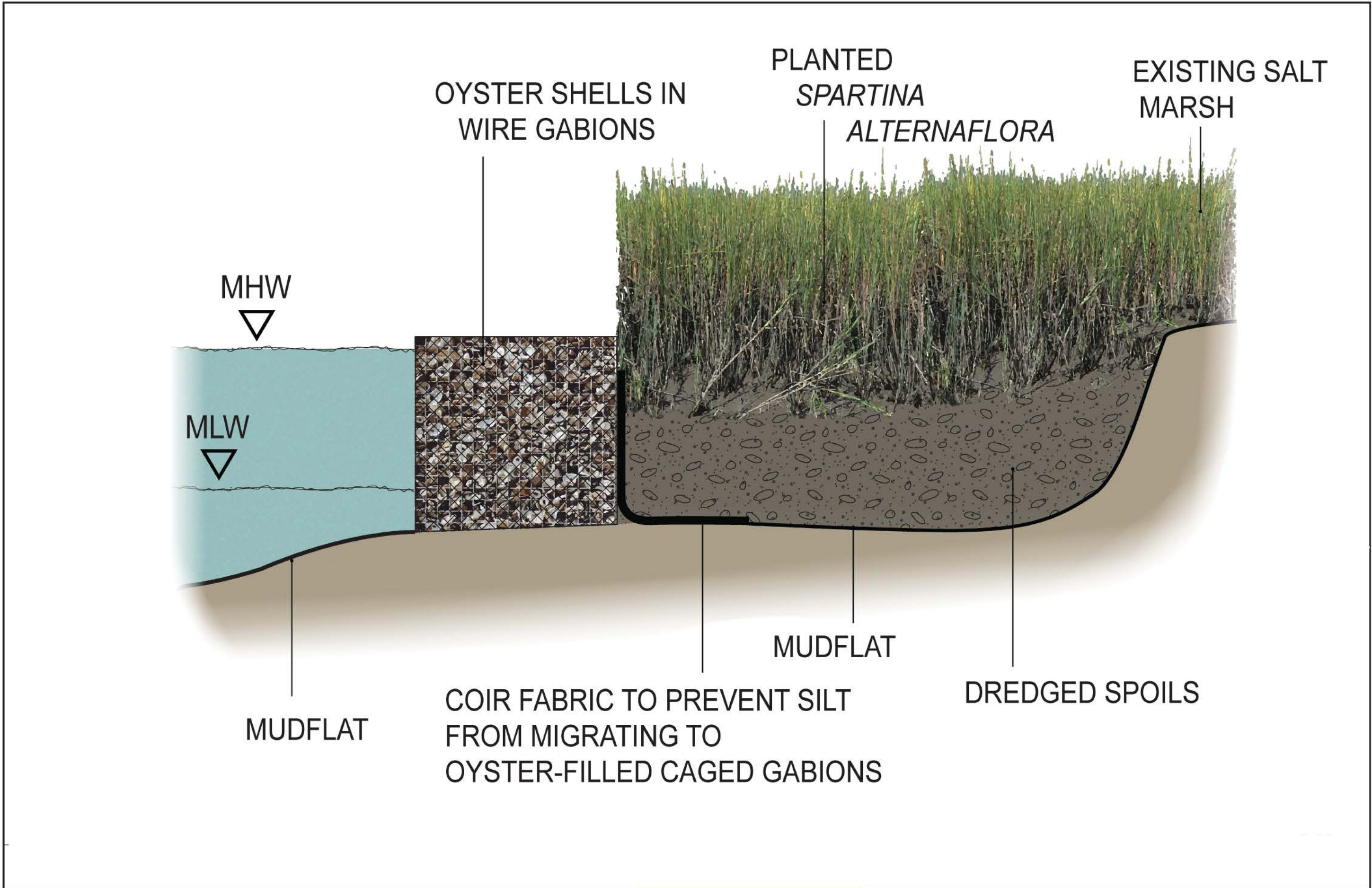
SALVAGED GRANITE BLOCK CELLS



SALVAGED GRANITE PLANTING BEDS ESTABLISHED
WITH PLANTING MEDIUM INSTALLED



ESTABLISHMENT OF SEA WEEDS
IN TIDE POOL CELL



OYSTER REEF CONCEPT SKETCH



INVASIVE PLANT INVENTORY - NORTH MILL POND



AUTUMN OLIVE



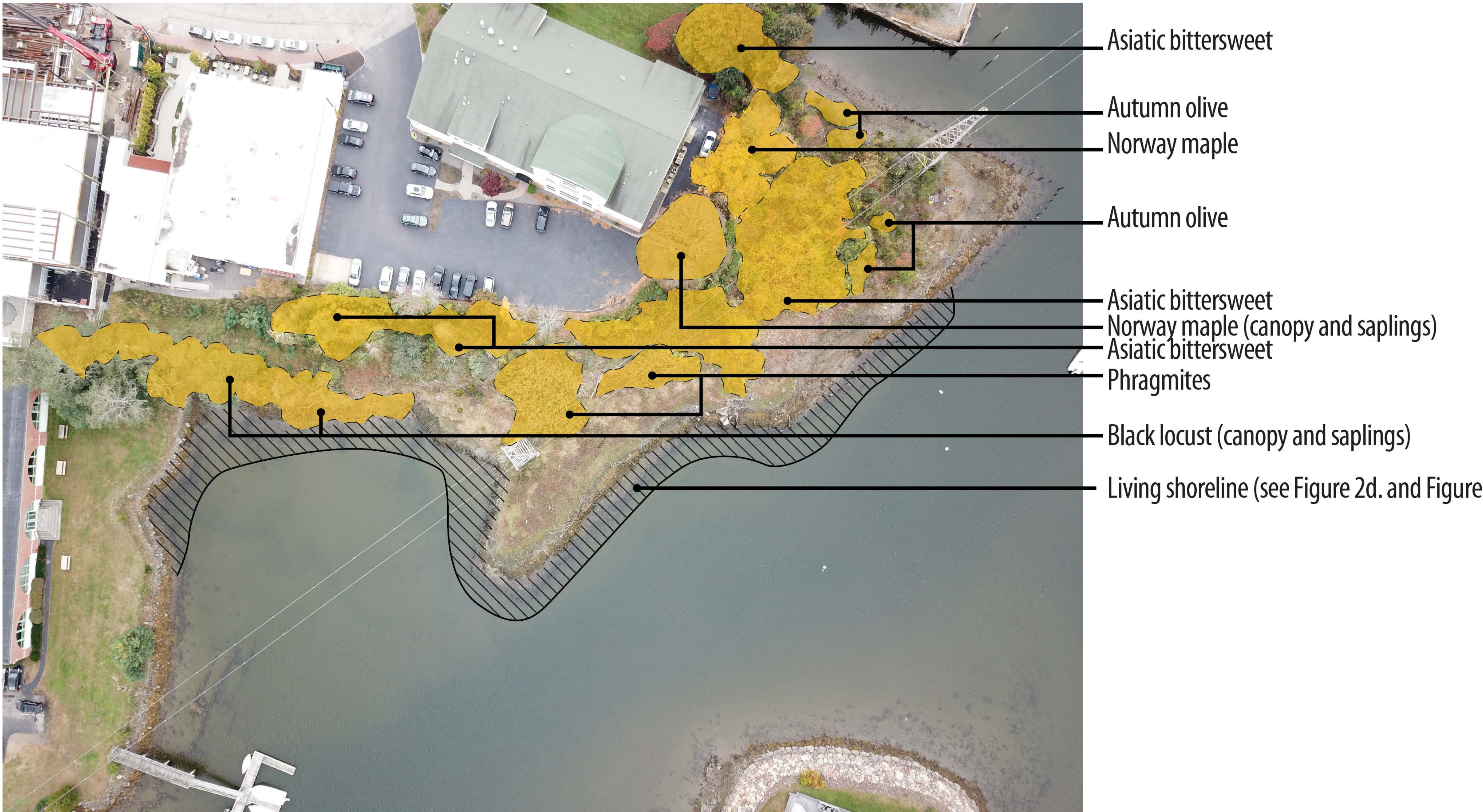
COMMON REED - PHRAGMITES



GLOSSY BUCKTHORN

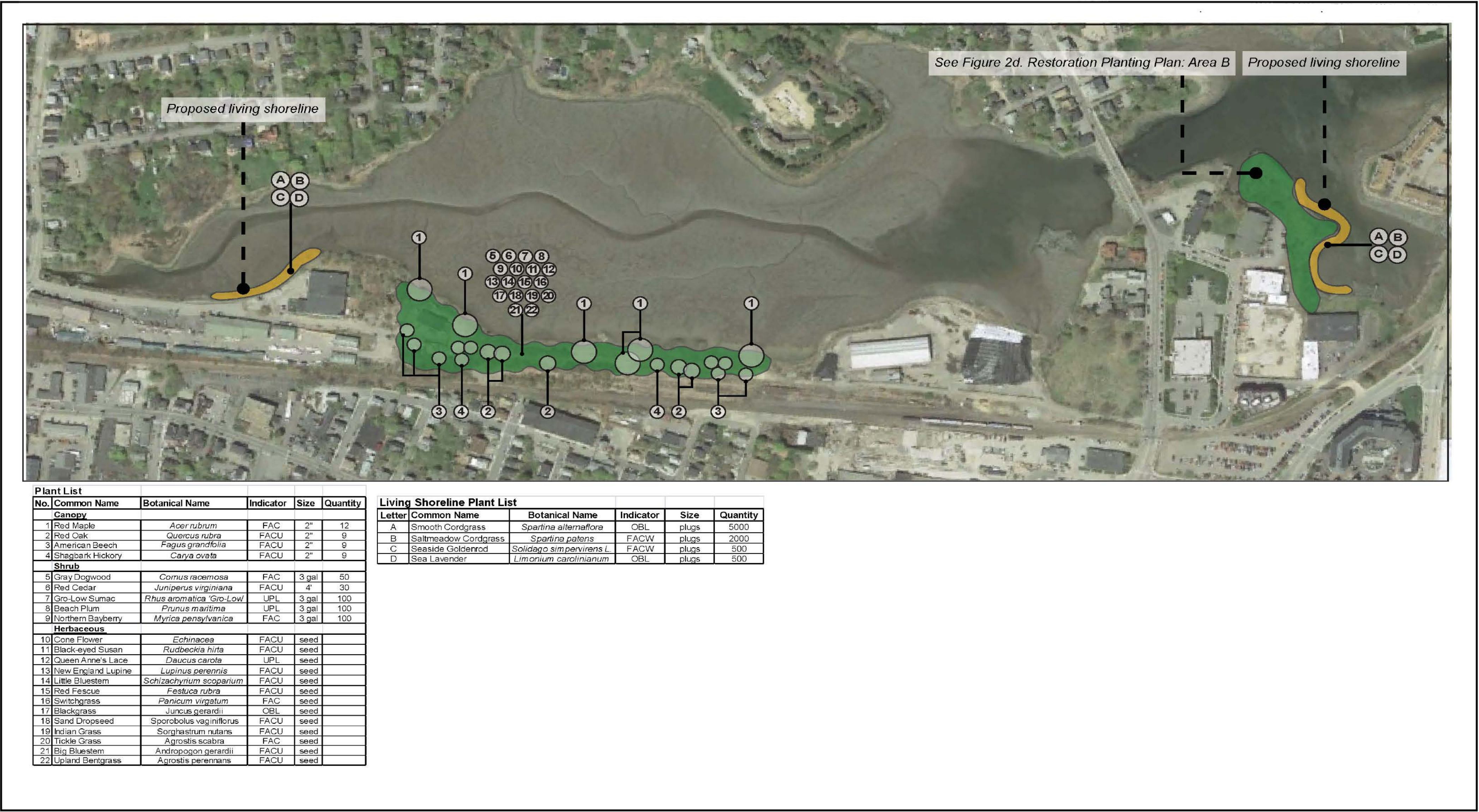


ASIATIC BITTERSWEET

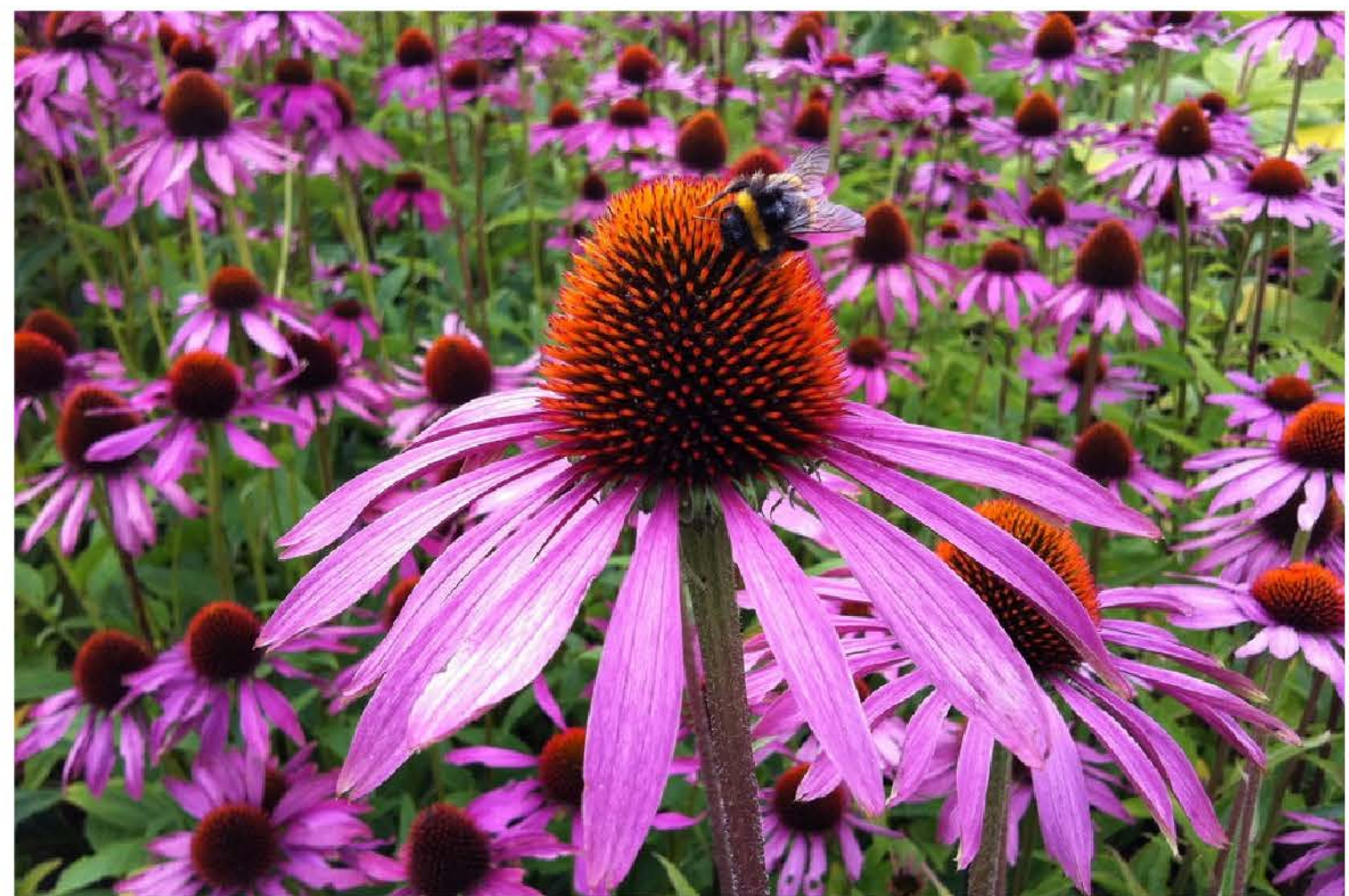


INVASIVE PLANT INVENTORY - COMMUNITY PARK

ECOLOGICAL RESTORATION OPPORTUNITIES: RESTORATION PLANTING PLANS
NORTH MILL POND GREENWAY



RESTORATION OPPORTUNITIES - NORTH MILL POND



PURPLE CONEFLOWER



RED MAPLE



BEACH PLUM



AMERICAN BEECH



NEW ENGLAND LUPINE



LITTLE BLUESTEM



RESTORATION OPPORTUNITIES - COMMUNITY PARK

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