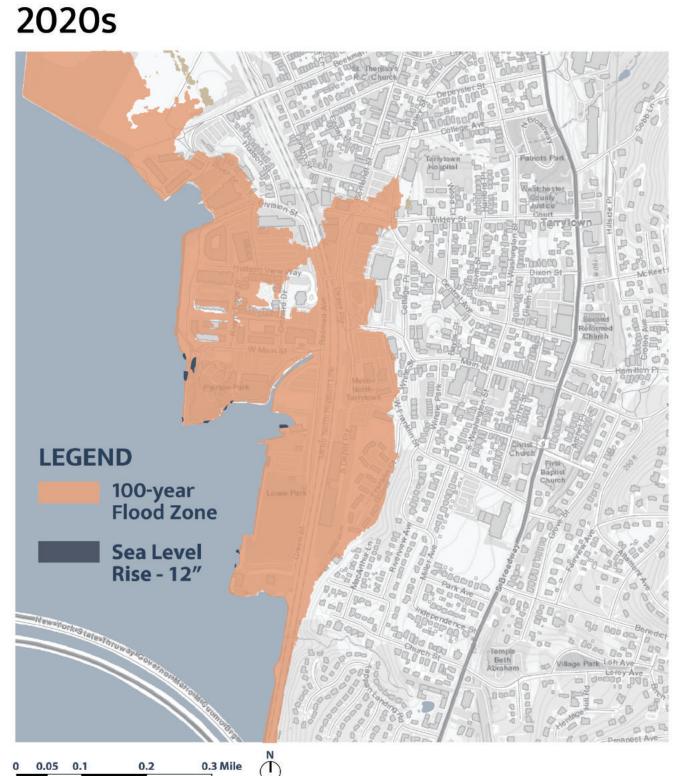
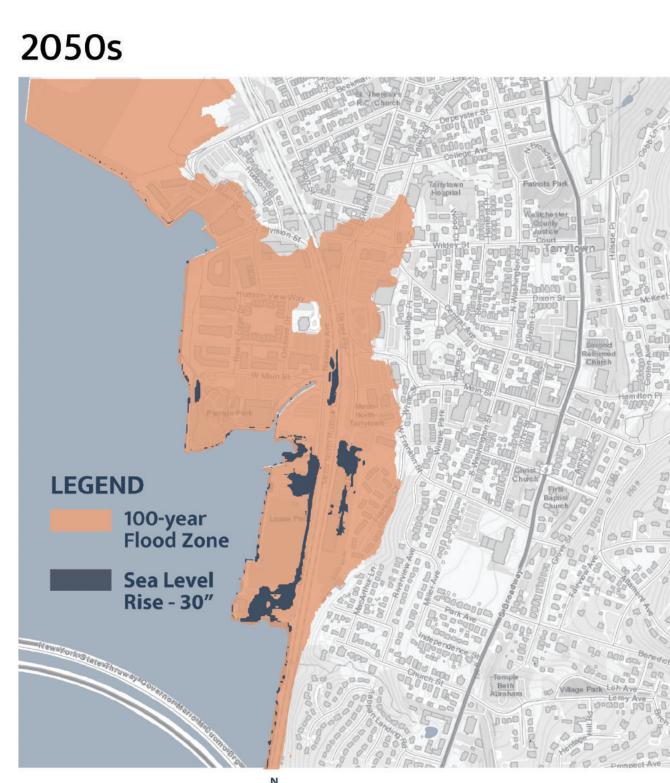
## **Acclimatizing Hudson Tarrytown Riverfront Re-imagination**

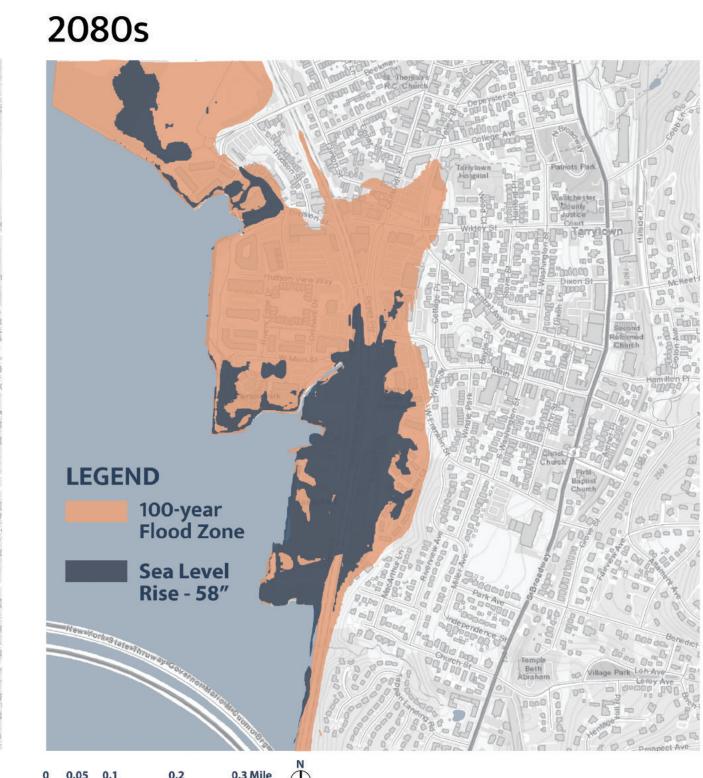
#### Concept

Our project is to utilize landscape and railway infrastructure in Tarrytown to protect the waterfront from inundation in the short term and to adapt and prepare for the worst scenario in the long term. Dividing into three phases of current flooding, 2050 water level, and 2080 water level, we propose three coherent plans that gradually evolve. Specifically, our long-term goal is to raise the railroad three feet high as a levee, transforming the vulnerable edge into a wetland marsh. Our design also integrates human needs, providing public space, places for water-dependent use, and community activities. Finally, the landscape infrastructure proposal increases connectivity, accessibility, and movement along the Hudson waterfront of Tarrytown.

#### **Sea Level Rise Analysis**





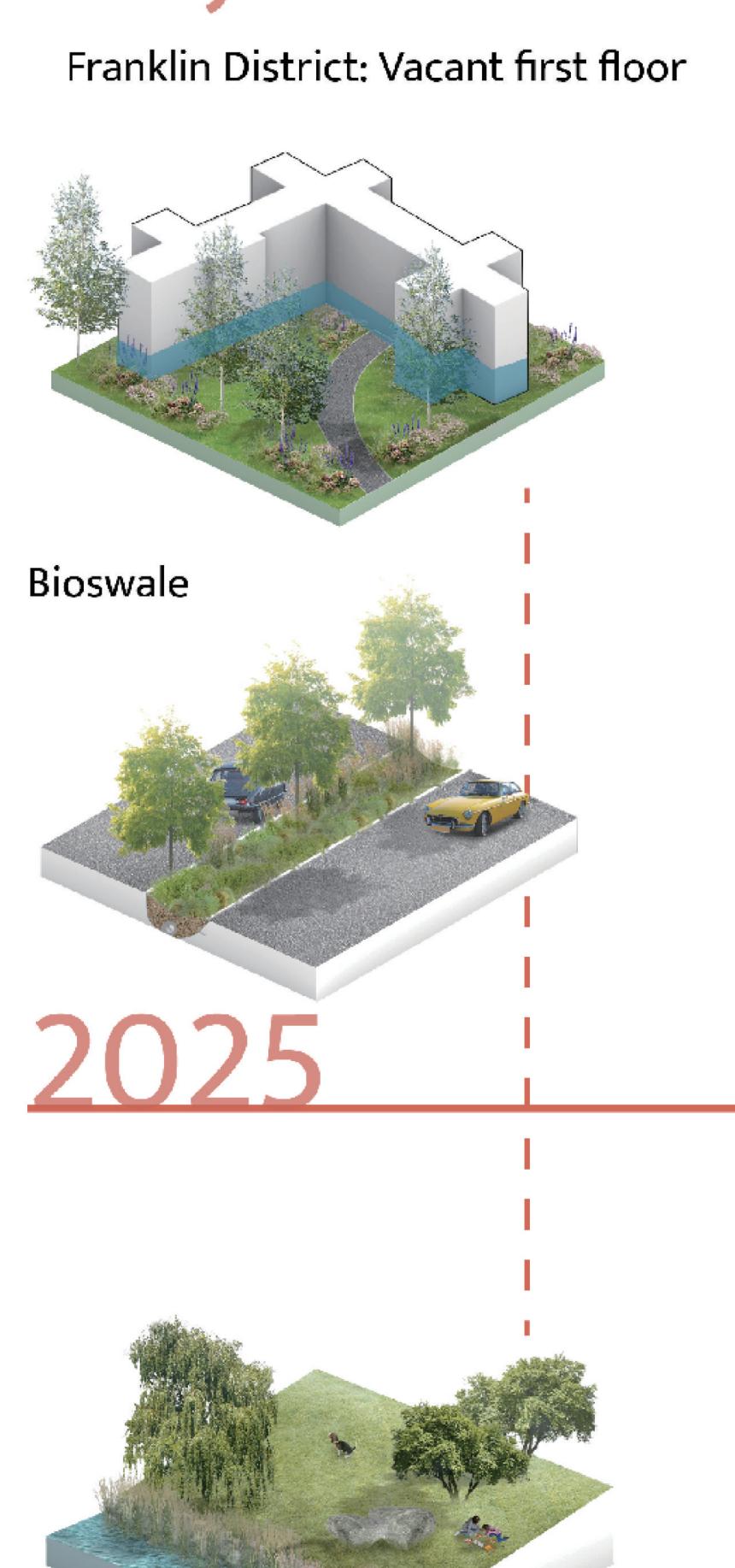


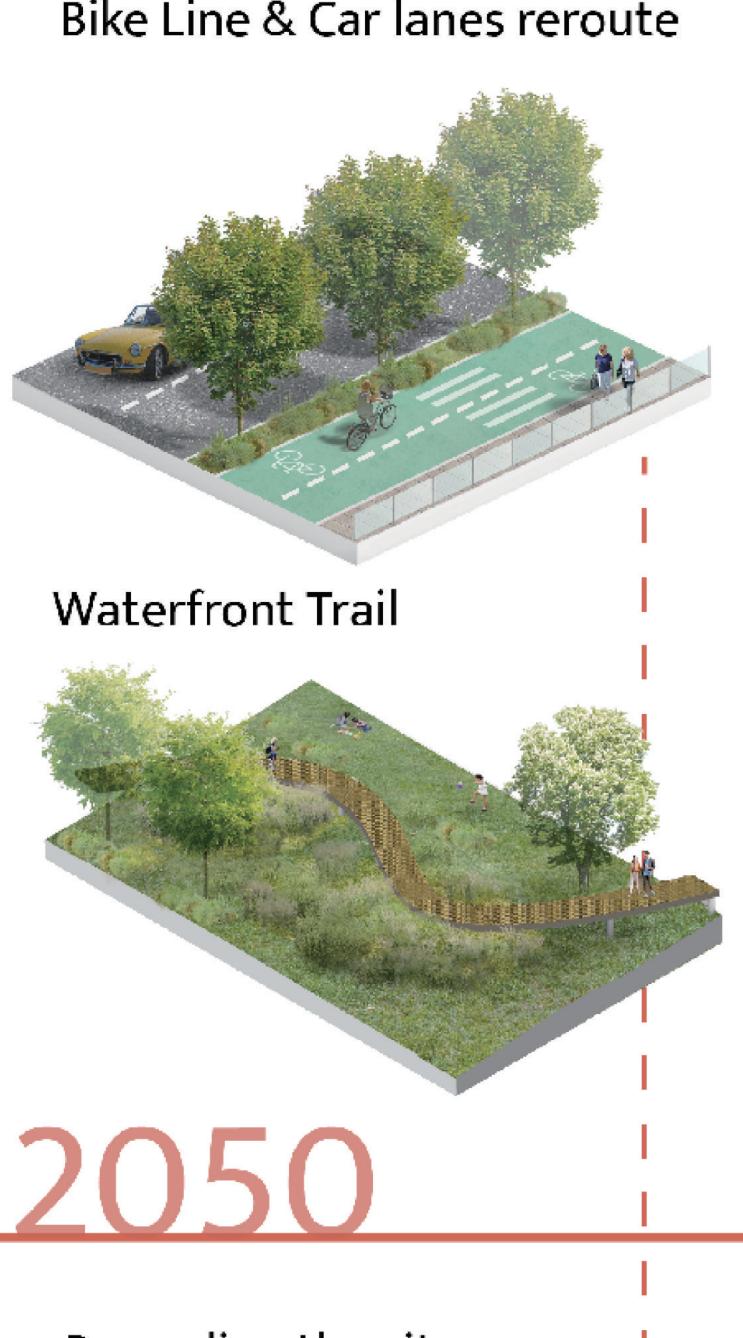
### **Ownership Analysis**

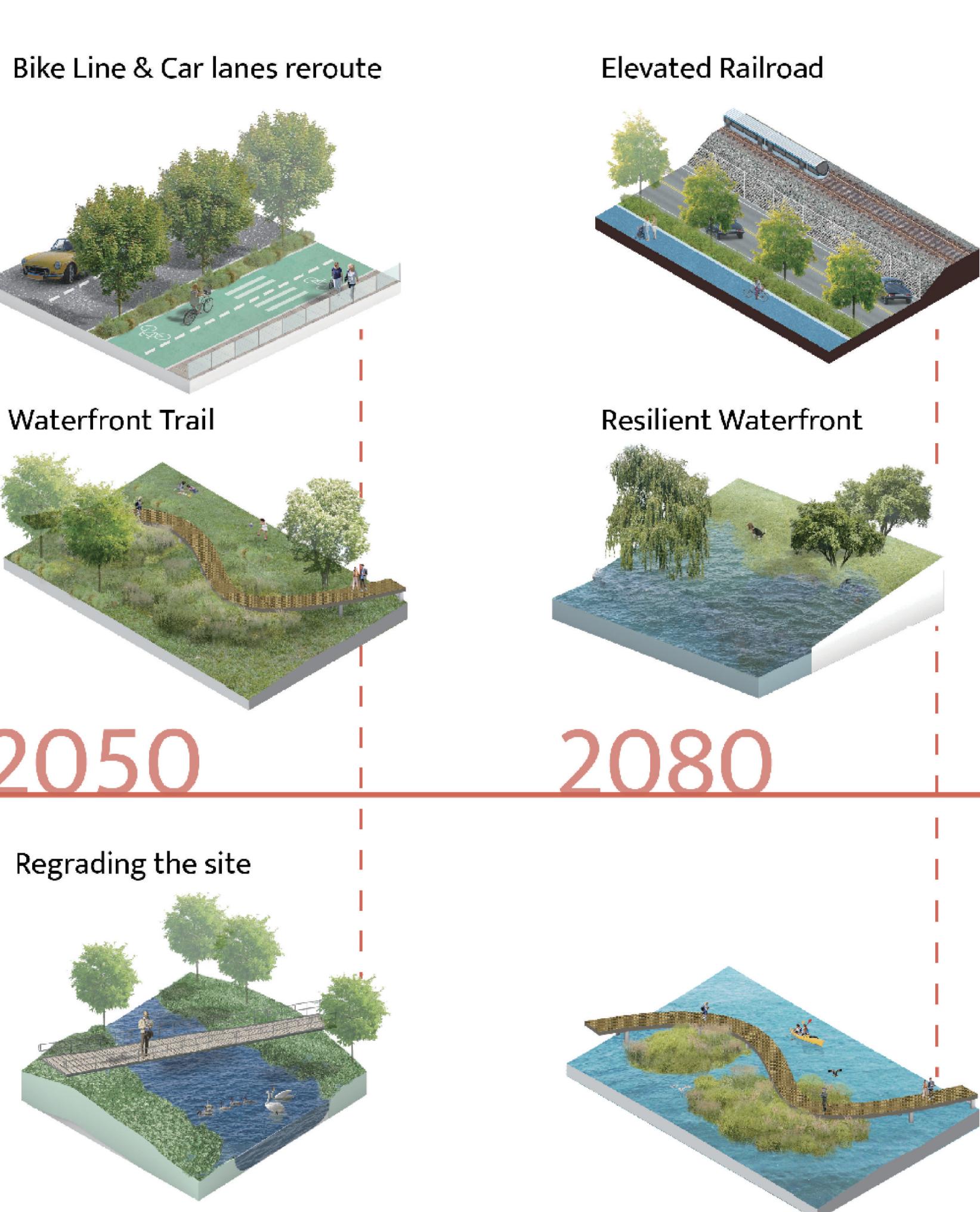
**Tarrytown Property Ownership Map** LEGEND Open Space
Parking Tarrytown Hous--ing Authority Institutional Industrial

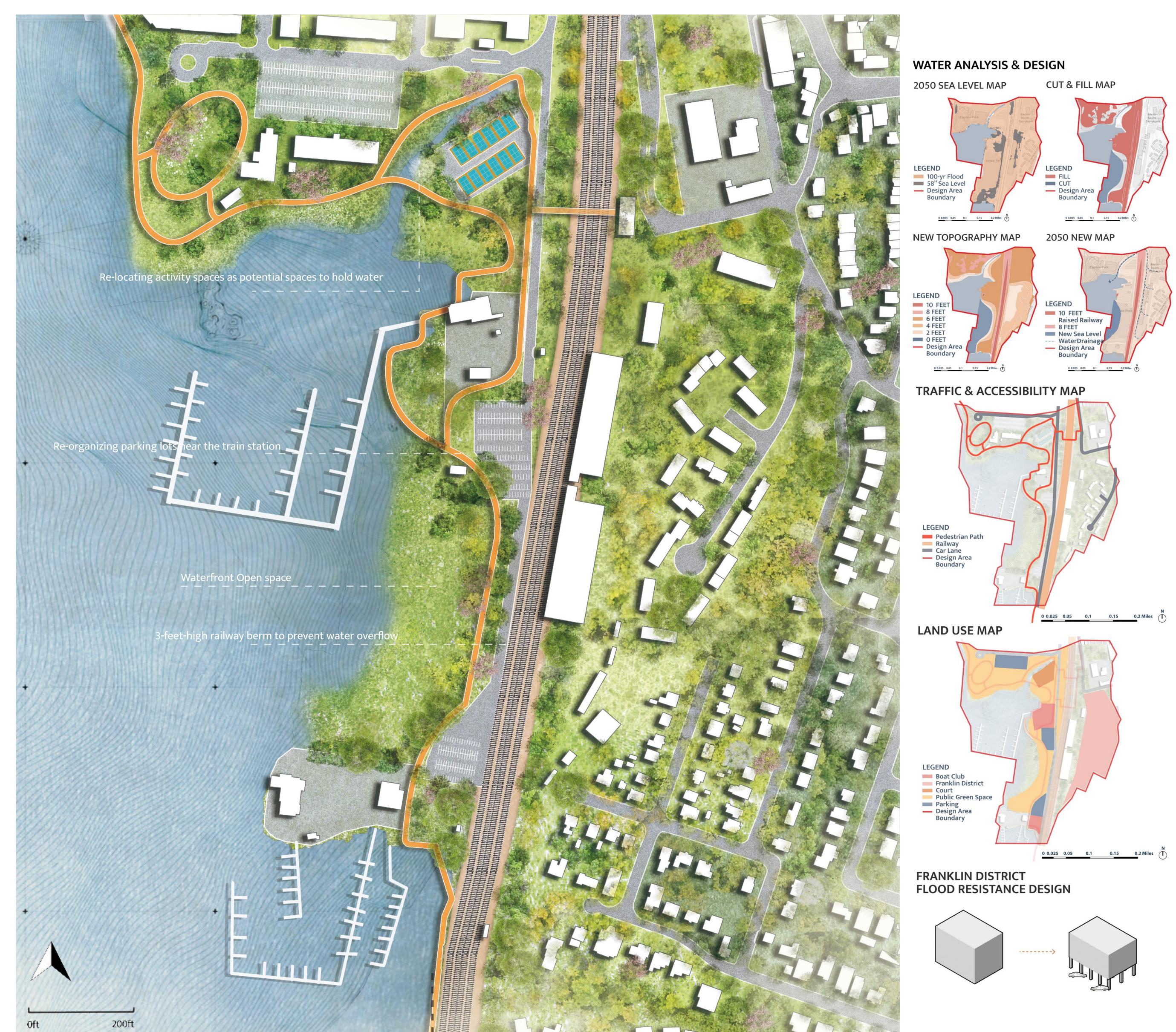
Design Area

# Project Timeline







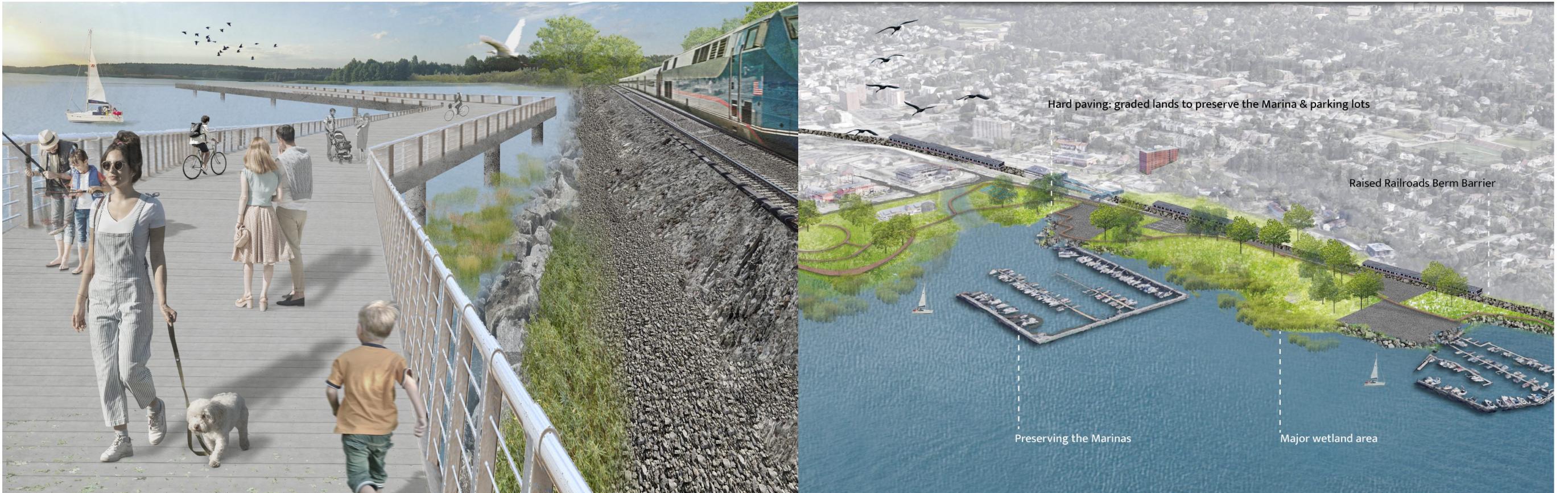


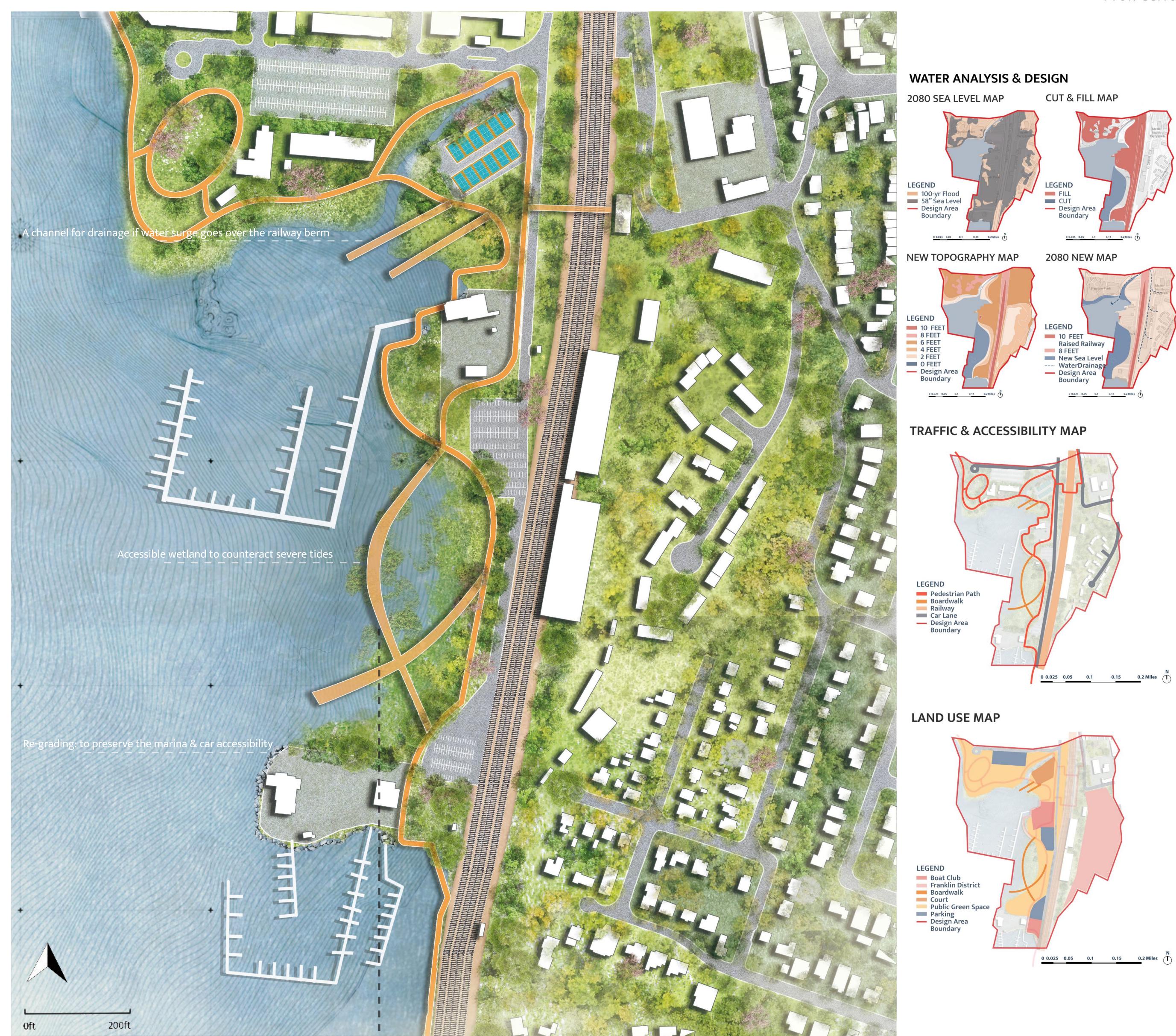
The primary intervention in the 2050 design is cutting parts of Losee Park and filling them into hard pavings and ripraps to preserve the Tarrytown Marina and Washington Irving Boatclub. The second major move is to connect certain facilities with our sunset trail.

In this stage, we propose to transform the first floors of Franklin Park into parking to I confront occasional severe flooding.

Perspective: Railroad & Sunset Trail







Around the 2080s, the middle part of Losee Park would be partially inundated because of regrading. Between 2050 and 2080, the design proposed an additional layer of the sunset trail, providing people with opportunities to walk on the submerged land and immerse themselves in the wetland. Because of the potentiality of water going over the berm, we intend to relocate the factories. The original channel will become a water balancing corridor if a storm surge runs over the berm.

Rendering: Sunset Trail & Wetland

Birdview 2080

