

ECOLOGICAL



RESTORATION AT PLAY

Presently, local hub for recreation and family gatherings for segments of the population, Poughkeepsie's waterfront parks have been reenvisioned as a connected series of parks that emphasize places for people to play and learn about the environment through play.

Current Play Conditions



Current Conditions: The Poughkeepsie shoreline parks are narrow, disconnected land parcels. The shorelines are either rip rap or bulkheads, which aren't friendly for fish and aquatic plant usage.



Changes: As the Hudson River rises, community members will need to refocus on the environment. The edges should be softened to help reclaim some of the land and provide long-missing fish and bird habitat.

With the Children's Museum and NYS DEC's high school volunteer program nearby, it should be easy to calibrate a softened edge shoreline as a play of exploratory play and learning.

Present Play Textures:
Metal Plastic



Nature-Based Play Options:
Rip Rap Climb Trees



Precedents: POD Playground, Molonglo, Australia



Precedents: Wild Walk, Tupper Lake, NY



Precedents: Tumbling Bay Playground, London, U.K.



Key:



Upper Body Movement



Swing



Spin



Crawl



Construction



Slide



Open Field



Climb

Children's Museum



Waryas Park



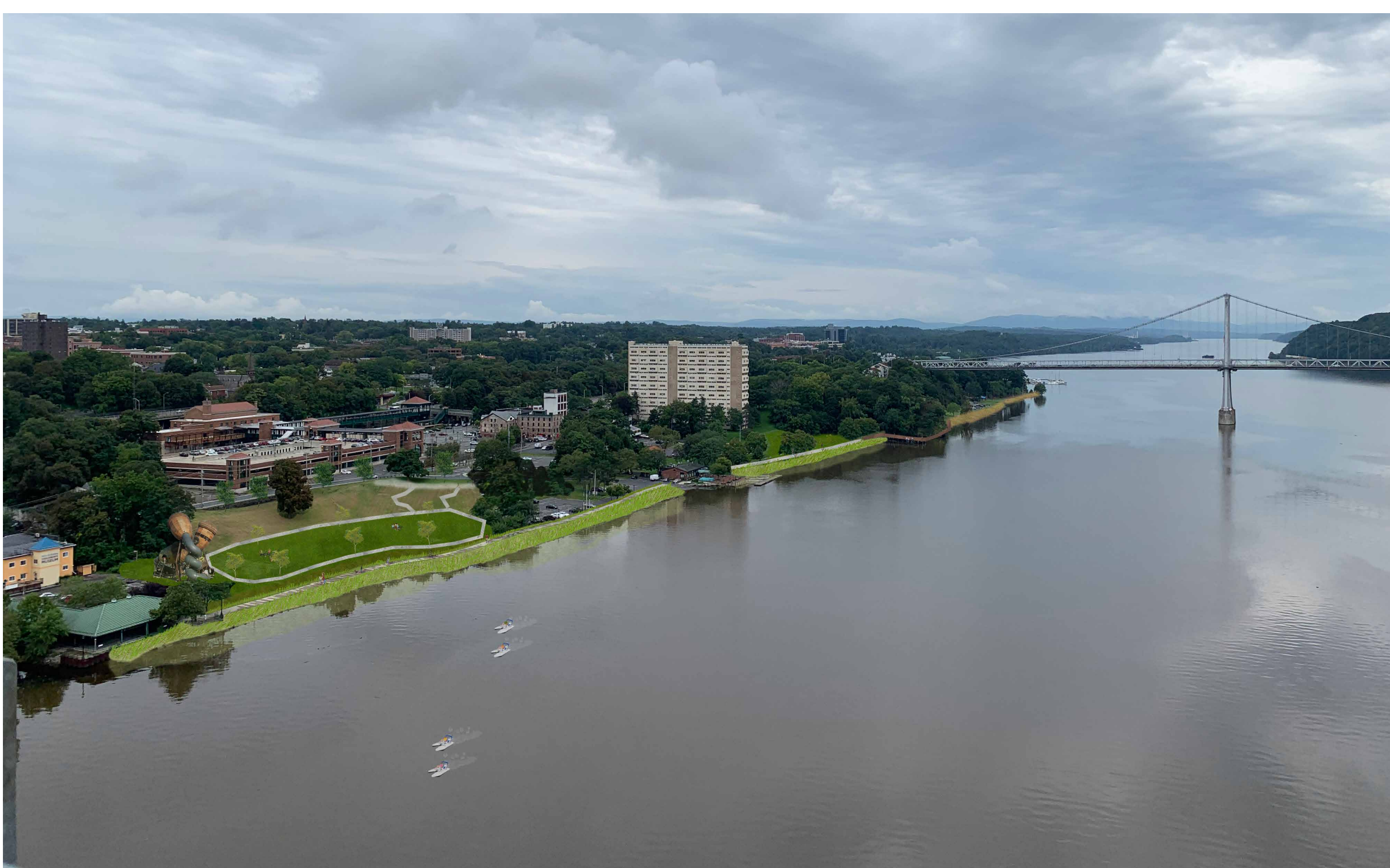
(Ice House)



Rip Van Winkle Apts



The main challenges with Poughkeepsie is tying all of the parks together and dealing with climate change. I studied how climate change was dealt with locally in Tarrytown and how Pittsburgh handled having a narrow waterfront. I also looked at how ecologically-minded, cutting edge firms such as Neslon Byrd Woltz created soft edges that mimicked missing ecosystems in Houston, Texas.



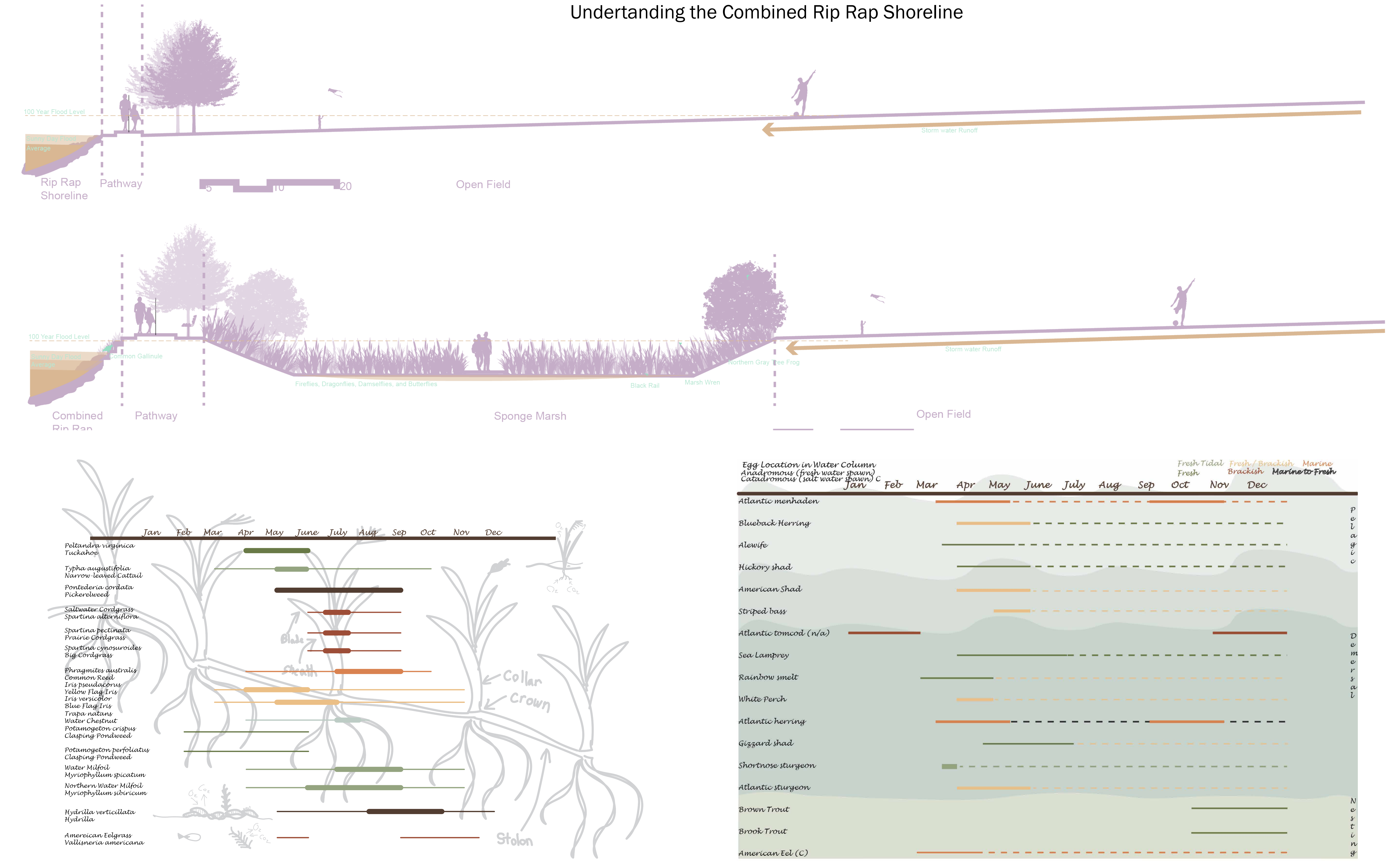
View looking at Waryas Park from the Walkway Over the Hudson. Note how Waryas is focused on both ecology and exploratory play.

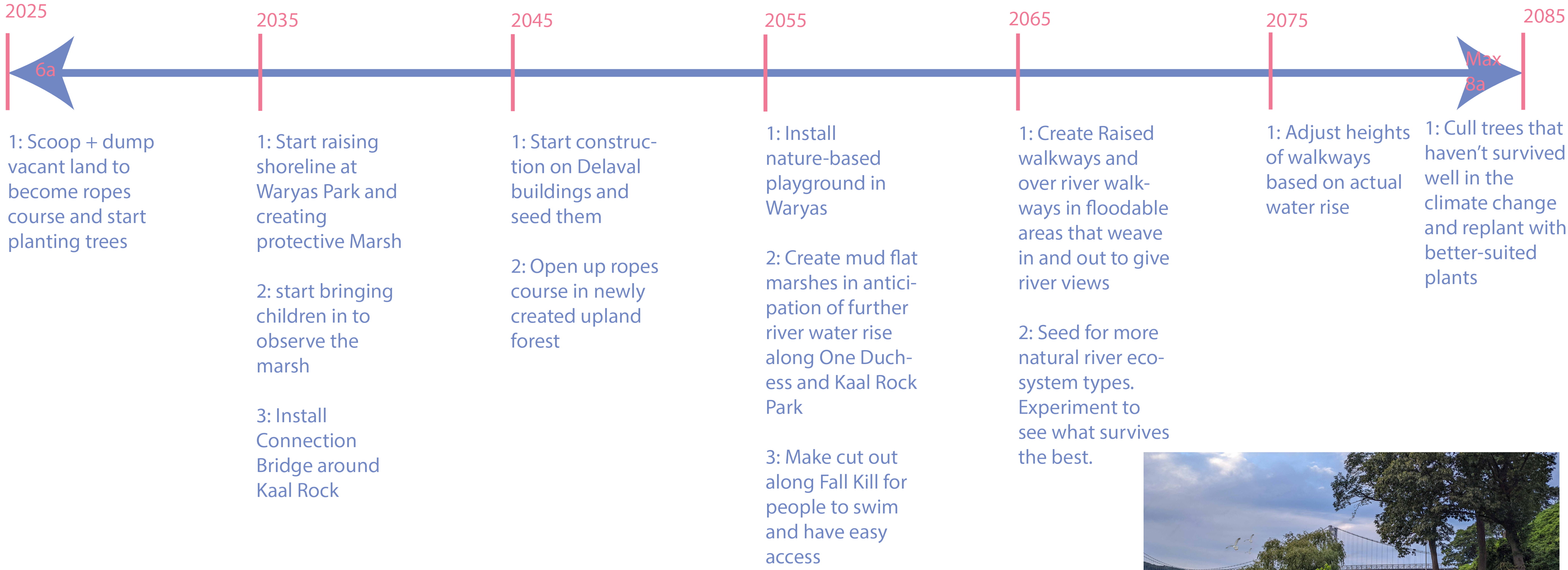


Above: Zoom in on Waryas Park//Below: Eco-type Plantings//Sides: Interactive Signs



Undertanding the Combined Rip Rap Shoreline





Above: Phasing Diagram
Side: Changes to the shoreline will provide habitat for many animals and become an ideal resource as an outdoor classroom
Below: Planning out the Ropes Course Forest

