Kingston on the Rise Master Plan in the year 2080

Kingston, NY is a city of 20,000 in the southern tier, about 90 miles north of New York City. As the first capital of New York, Kingston is rich in culture and is poised to become a growing city once again. The Rondout River, separating Kingston from Esopus, is a major tributary to the Hudson River, meaning access by water has been and always will be at the forefront of design. Kingston's waterfront has been the center of multiple in depth studies focusing on sea level rise, brownfields and economic viability. The areas of Island Dock and Block Park are some of the most vulnerable to rising water levels but also some of the most economically viable areas for development. These two locations were studied in depth to inform design decisions moving forward.

The design capitalizes on multiple opportunities found within the underutilized space on Island Dock and around Block Park. The mixture of multiple ecosystem habitats, economic drivers, public open space and community connections will enhance the underdeveloped West Strand and provide new opportunities for continued growth. Climate change and sea level rise were at the forefront of the design process, allowing the site to be programmed in such a way that there are both floodable and non flood resistant spaces at all levels of sea level rise.

IV

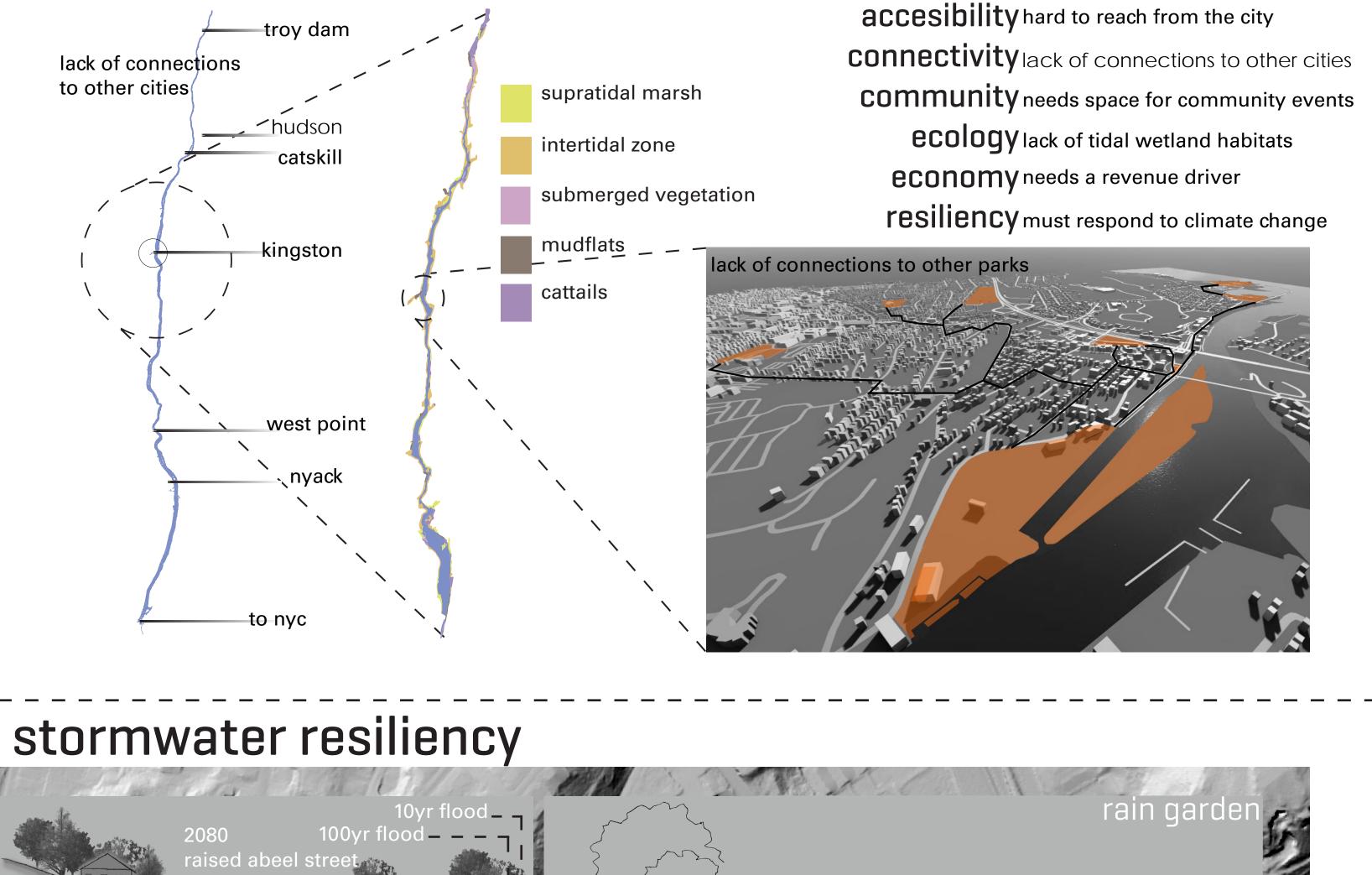
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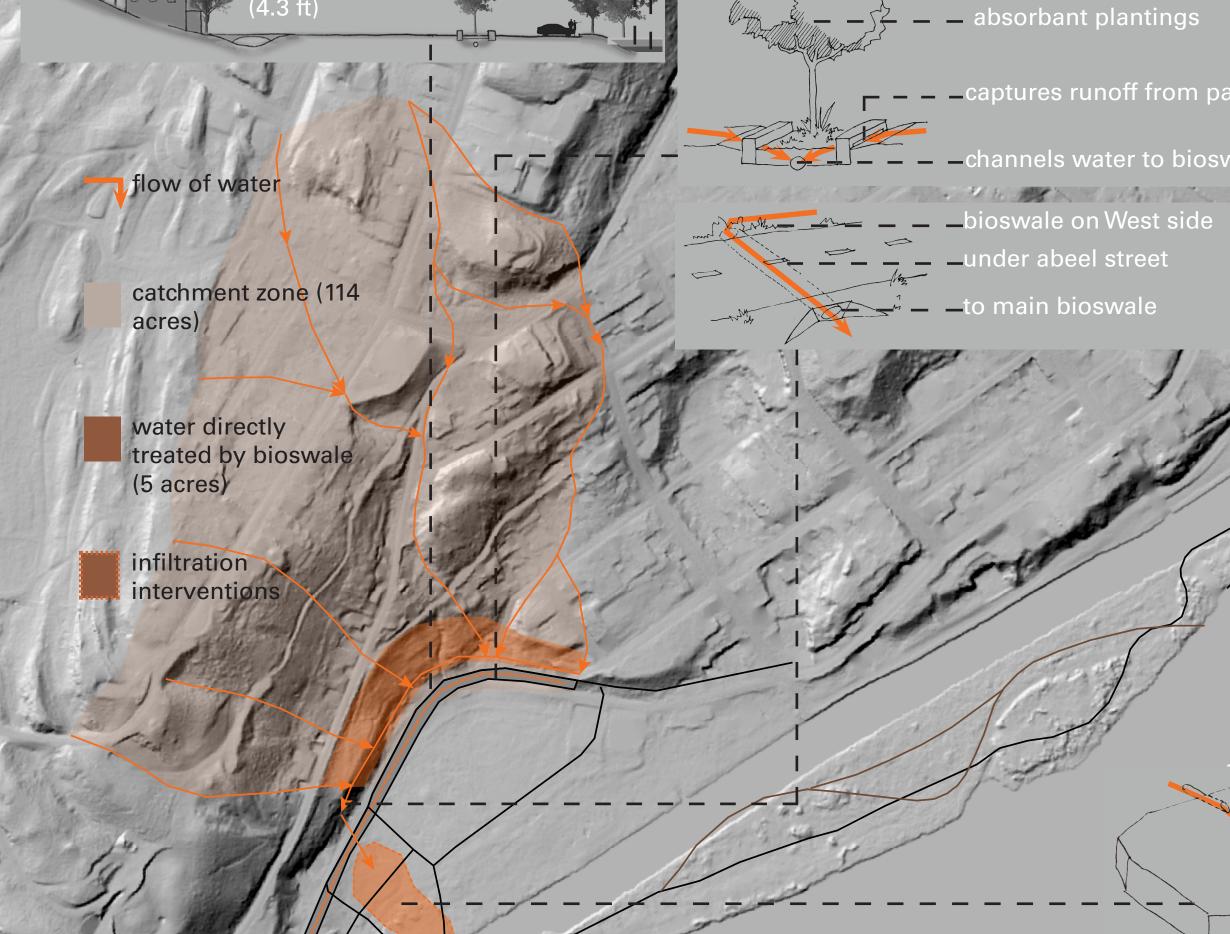
TTC JUL



- 1) PARK & EVENT SPACE
- 2 EMERGENCY ACCESSIBLE PATH
- 3 EMERGENT WETLANDS
- 4 BRIDGE & CULVERT
- 5 RISING WATERS BOAT
- 6 CENTER FOR URBAN RESILIENCY
- 7) BIOSWALE
- 8 ANGLED PARKING
- 9 BLOCK PARK & UPLAND FOREST
- 10 RECLAIMED MARINA WETLAND
- 11 BOARDWALK & SHOPPING CENTER
- 12 ADJACENT VIEWING PARK

background - kingston's issues





ra	in garden
irking lot and	l abeel street
vale	
	culvert
5 f	bioswale eet deep
	infiltrates 5 acres
	avg. height of water
	absorbant plantings
	I I I I I I I I I I I I I I I I I I I
106.81	71- T

phasing

phase 1

2020

Consists of the largest interventions. Island Dock and key parts of Block Park will be regraded to create multiple wetland habitats, public parks and event spaces with increased parking and accesibility. Interventions take place to raise roads to combat river rise.

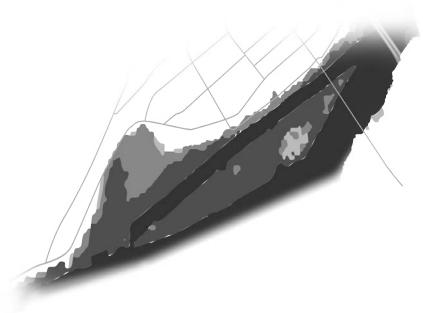
phase 2

Consists of the integration of the old marina into wetland habitat and the creation of a waterfront shopping cneter as an economic anchor for the site. Access to Island Dock will be increased with multiple new elevated walkways.





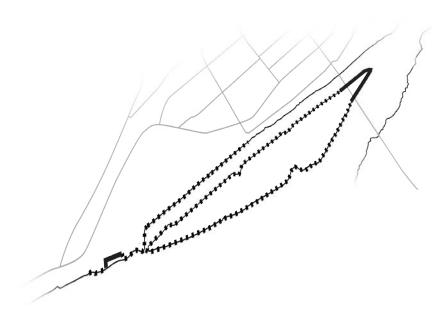
water rise - riverine flooding

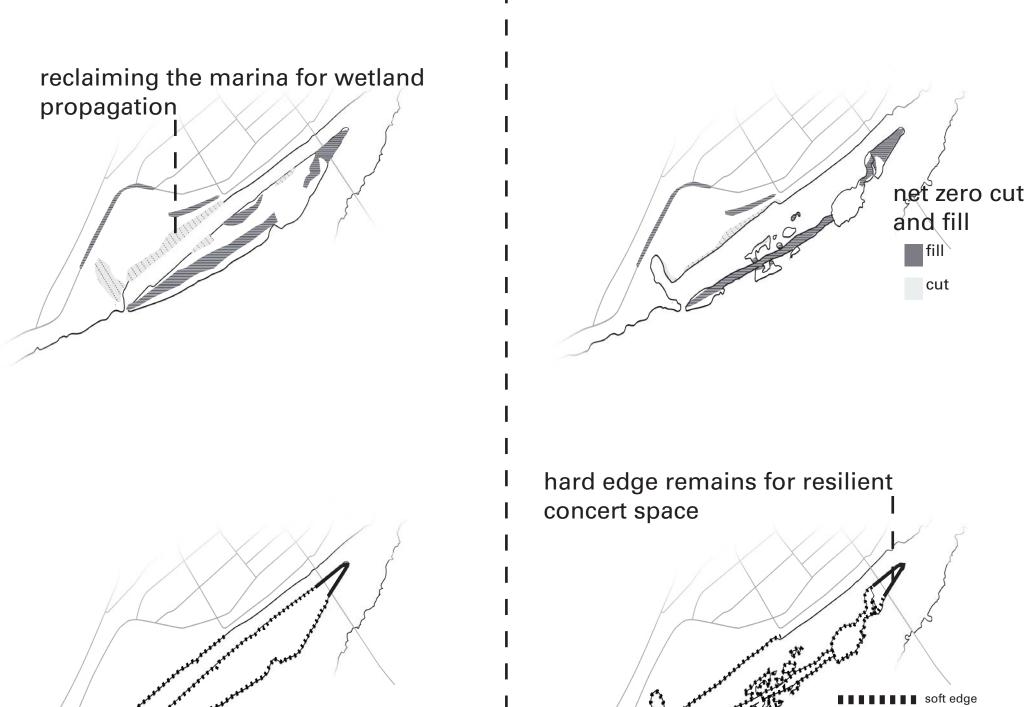


cut - fill

rasing abeel street 4.3 rasing road on island dock

hard - soft edges





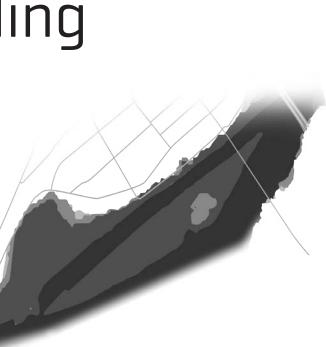


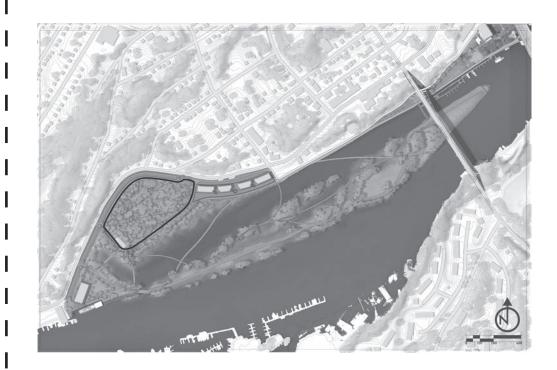
2050

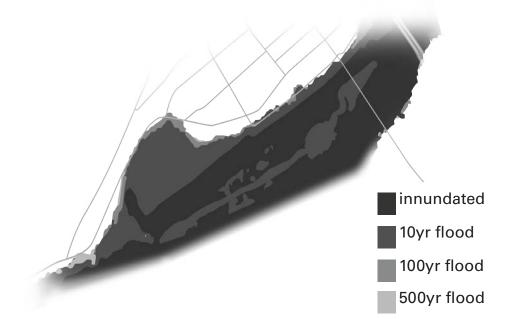
phase 3

2080

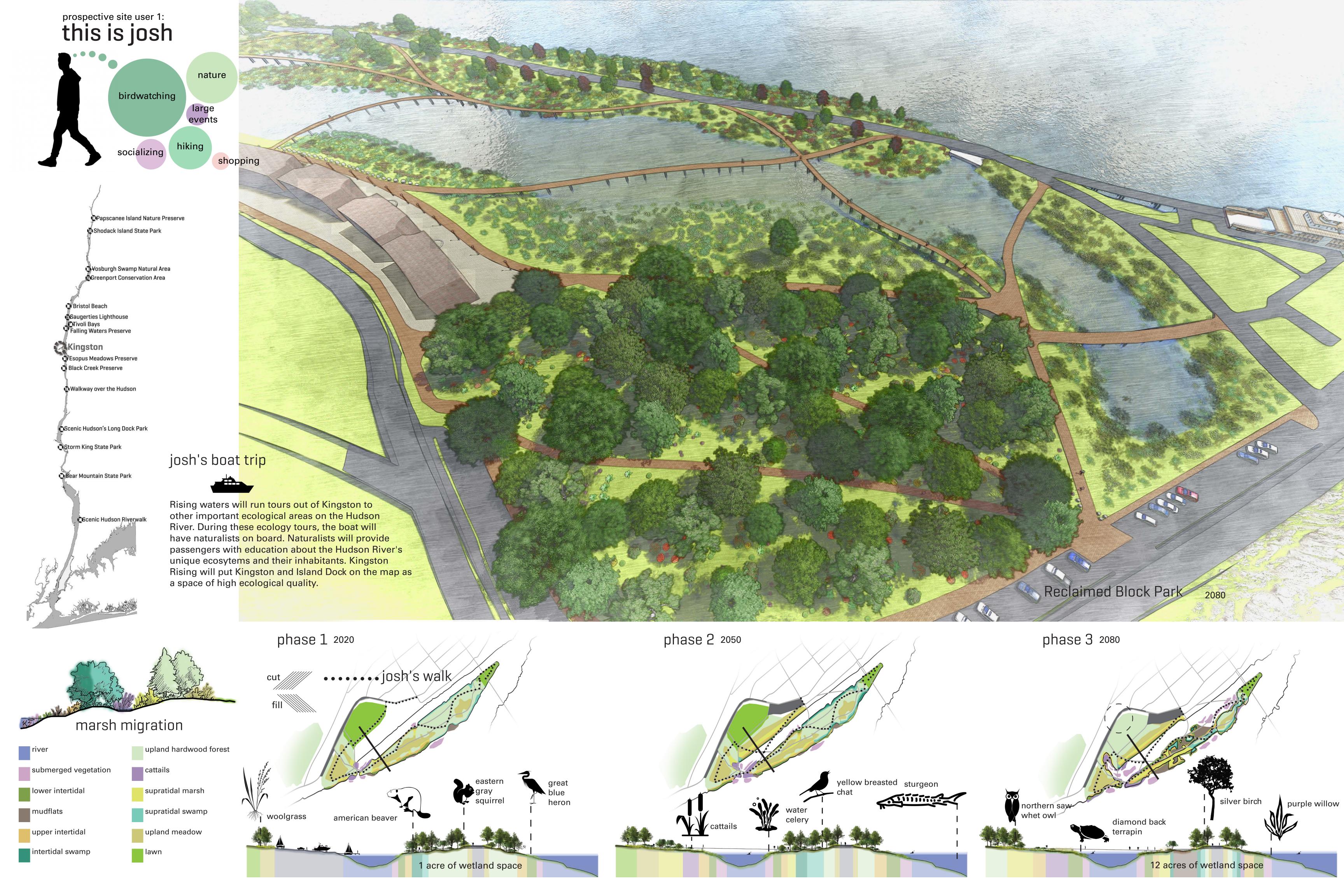
Consists of relocating the softball field to Cornell Park and reclaiming Block Park as an upland forest. Accessibility will again be increased with more paths and elevated walkways.







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downtown kingston

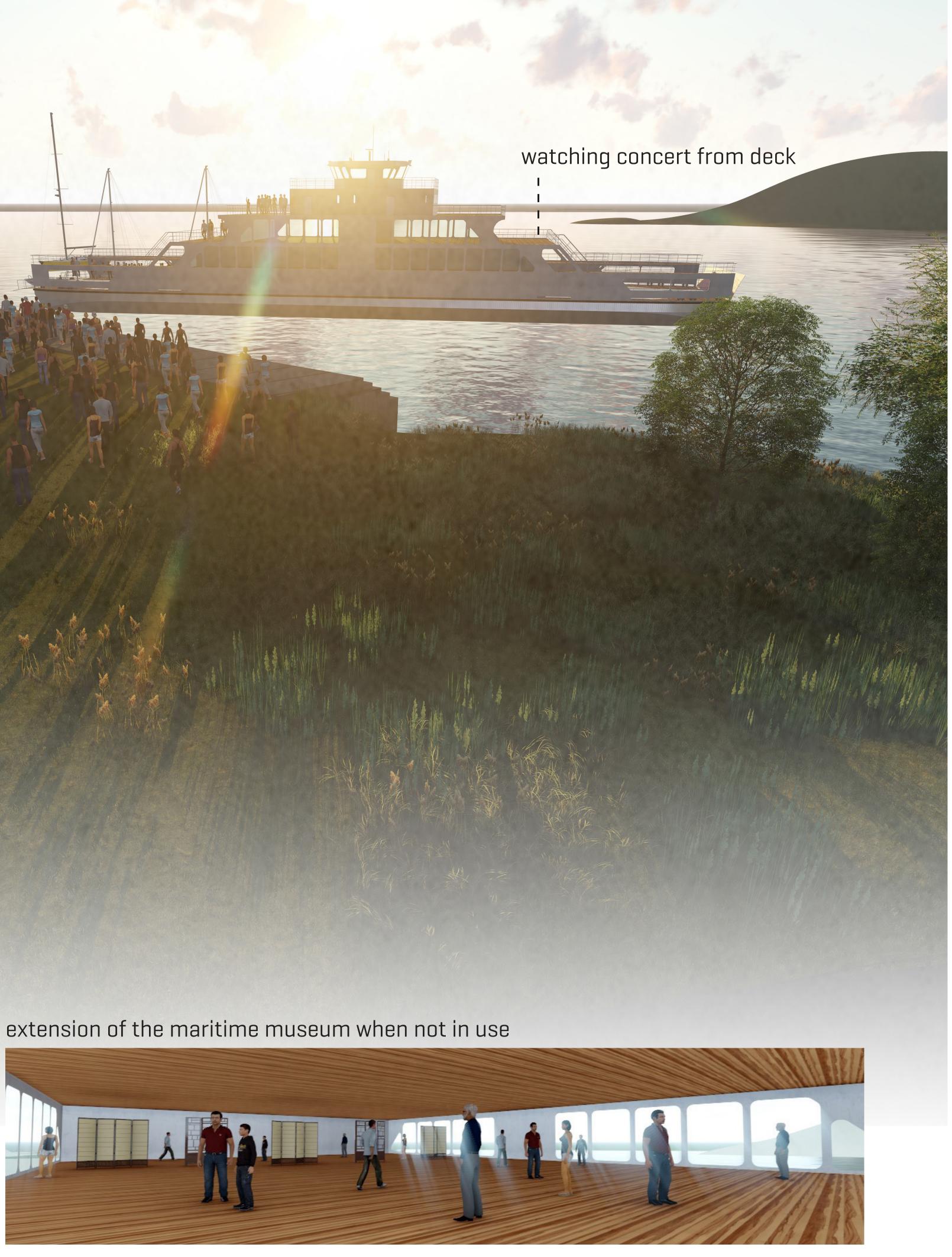
watching concert from strand

rising waters



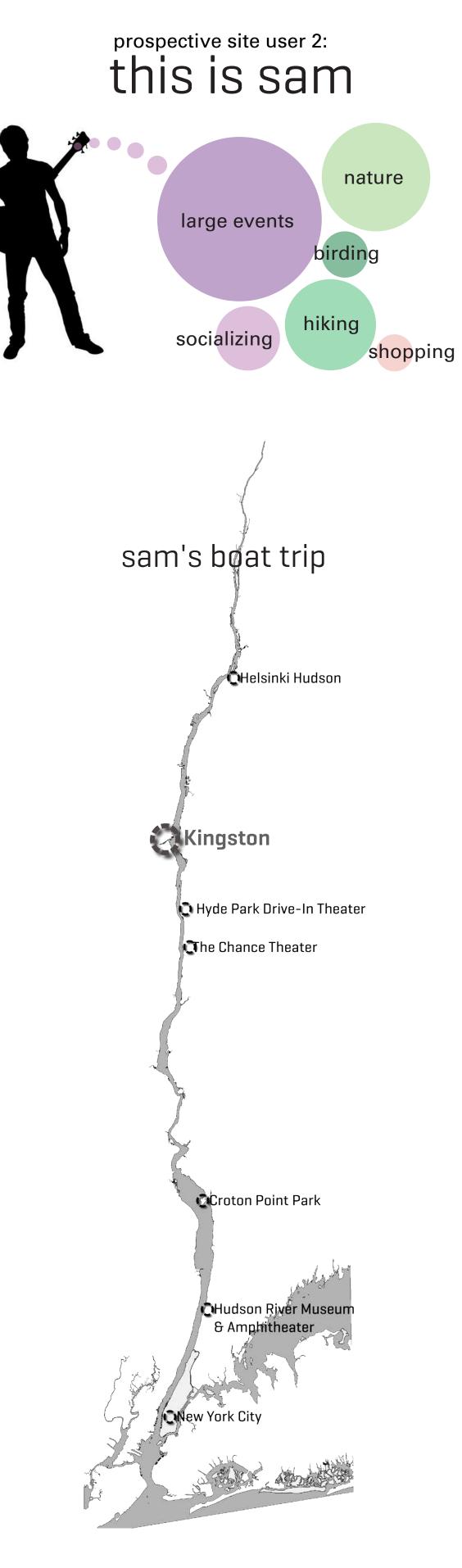
A ferry docked at the south east corner of island dock. When parked, it functions as an event space or extension of the maritime museum. When running, it takes trips to the Kingston Concert Venue during events, as well as trips to other cities on the Hudson.







When docked, the venue acts as museum space. It could be used as an extension of the maritime musem as well as an art gallery, or, since it will have an open floor plan, a public event space.

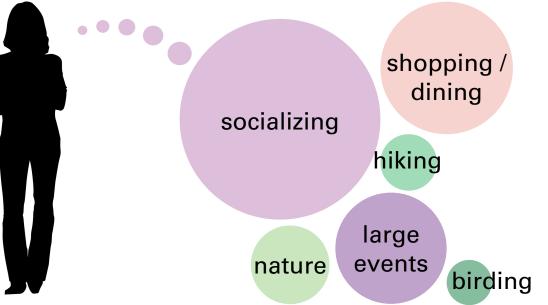


facilitating toursim

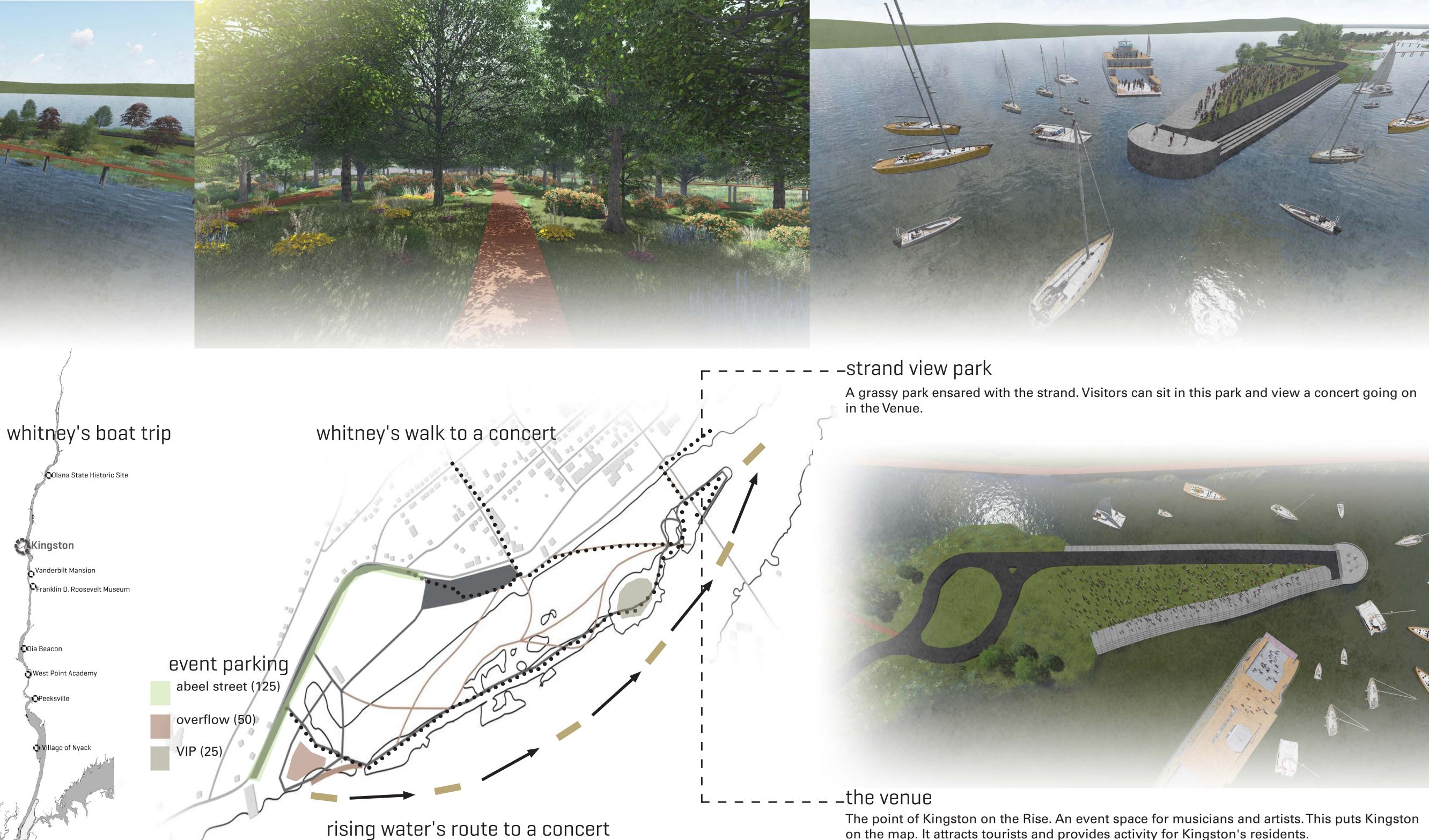
The venue functions as a tourism destination on the Hudson River. Arriving by boat on Rising Waters, visitors will watch a concert and spend the rest of their time interacting with Kingston's new wetland park, or socializing on the strand. Visitors could stay in AirBnb's or motels in the Kingston area, increasing revenue for the city and its inhabitants.

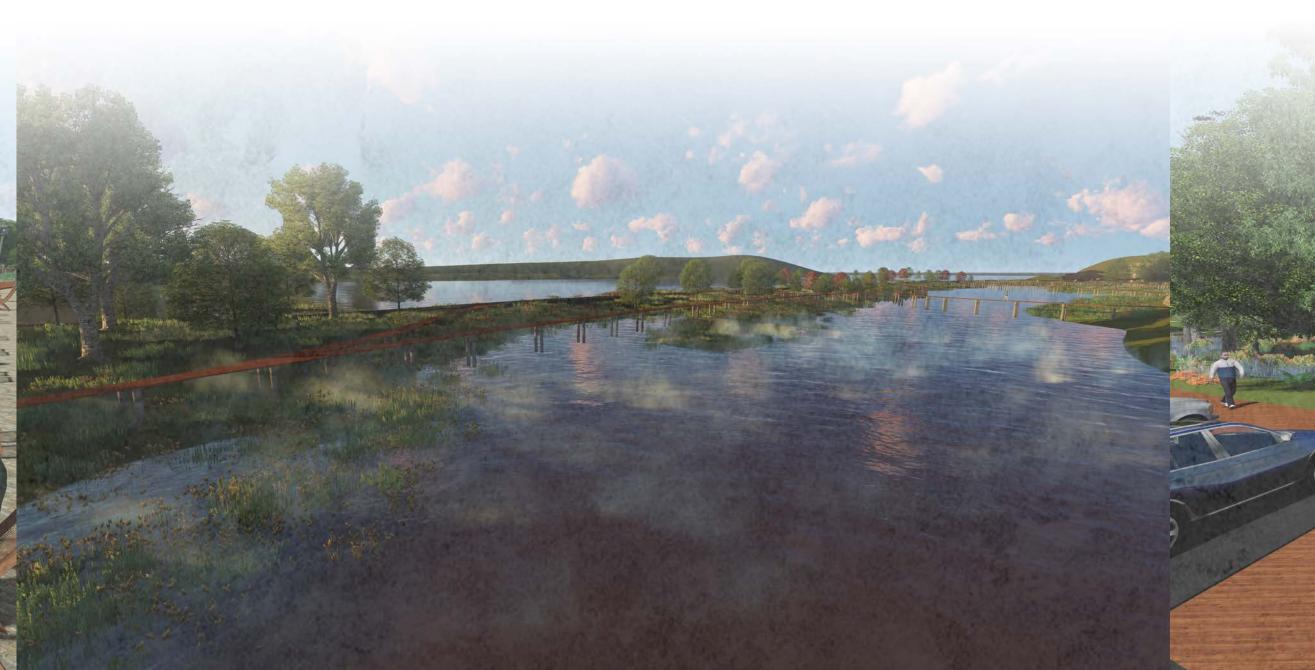
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- shopping and dining area
- food trucks at venue
- increased hotel and airbnb venue
- increased restaurant patrons
- advertising revenue
- private events (such as weddings)





on the map. It attracts tourists and provides activity for Kingston's residents.

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