

AECOM

July 30, 2014

Prepared For:
The Greenpoint Monitor Museum

**Greenpoint Community
Environmental Fund 2014**

PROTECTING THE SHORELINE

“ The Bushwick Inlet offers expansive views of the Manhattan skyline while leaving the user immersed in a peaceful environment. This site has the opportunity to be a key connector on multiple fronts - ecology, history and community. ”

- STONE RIPRAP SHORELINE
- SHORELINE RUBBLE
- TIMBER BULKHEAD
- BIKE ROUTE
- BUS ROUTE
- FERRY ROUTE

BIKE ROUTE

B32 BUS STOP

TRI STATE LUMBER

MTA MOBILE CAR WASH

BULKHEAD LINE

BUSHWICK INLET

BAYSIDE FUEL OIL DEPOT

EAST RIVER

NORTH



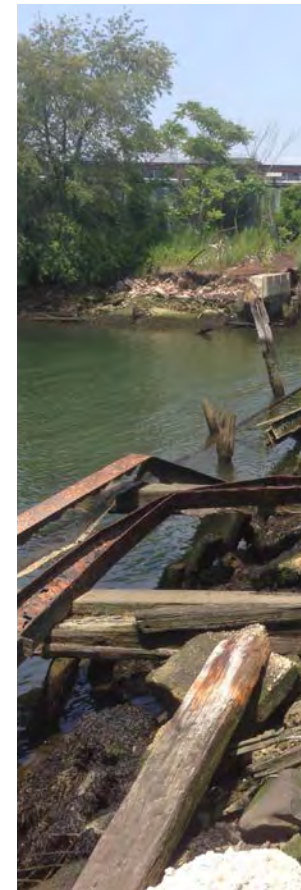
Existing Site Conditions



INLET VIEW TOWARDS GREENPOINT



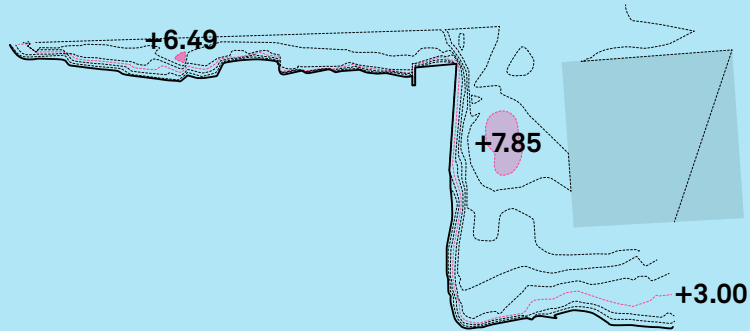
INLET VIEW TOWARDS MANHATTAN



DETERIORATED RUBBLE SHORELINE

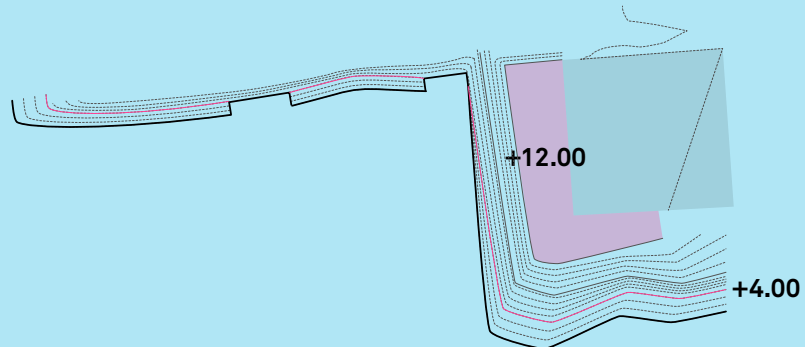
Existing Topography

Current site elevations are lower than the recommended FEMA flood elevation of +12.00. During Hurricane Sandy, the site was completely submerged in seawater. The current highpoint on site is approximately +7.85.



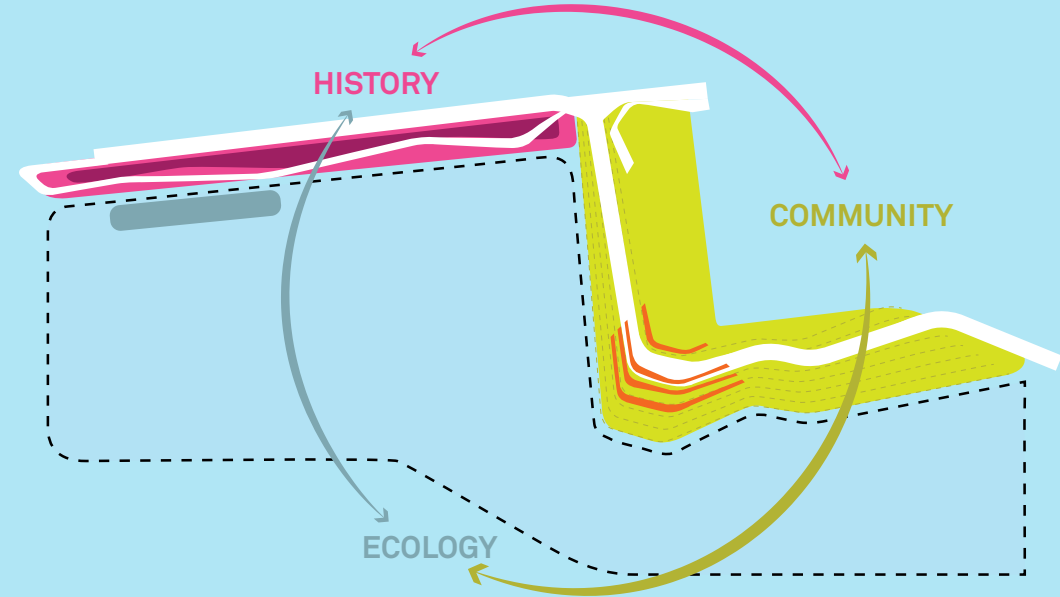
Proposed Topography

Proposed site elevations will raise a platform for the potential location of The Greenpoint Monitor Museum. The platform will sit at +12.00, the new FEMA flood elevation that was established along the East River in response to Hurricane Sandy.

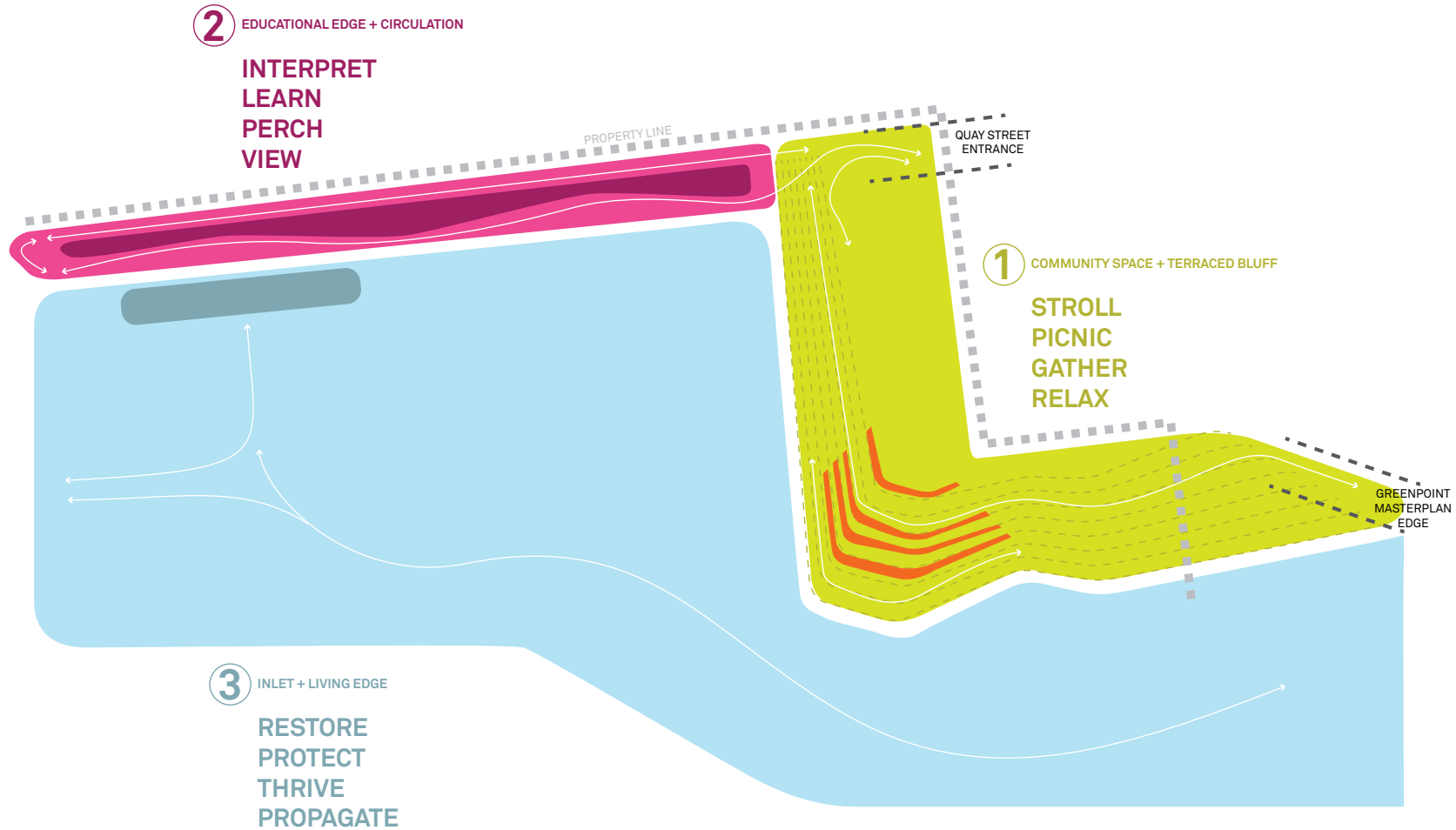


Proposed Design Concept

Through the implementation of three core fundamentals - ecology, community, and history; this site will demonstrate the essence of what resiliency can be. The design integrates and capitalizes on these features to bring this park into a new era of social responsibility.



NEW FORMS OF ENGAGEMENT...



PROPOSED SITE PLAN

MONITOR AND ECOLOGY
BOARDWALKS

OVERLOOK

GABION TYPE 2

NOAA DOCK LOCATION

BOW NOTCH

GABION TYPE 2

NATIVE PLANTING

BOW NOTCH

GABION TYPE 2

ENGINEERED BERMS

TERRACED BLUFF

GATHERING SPACE

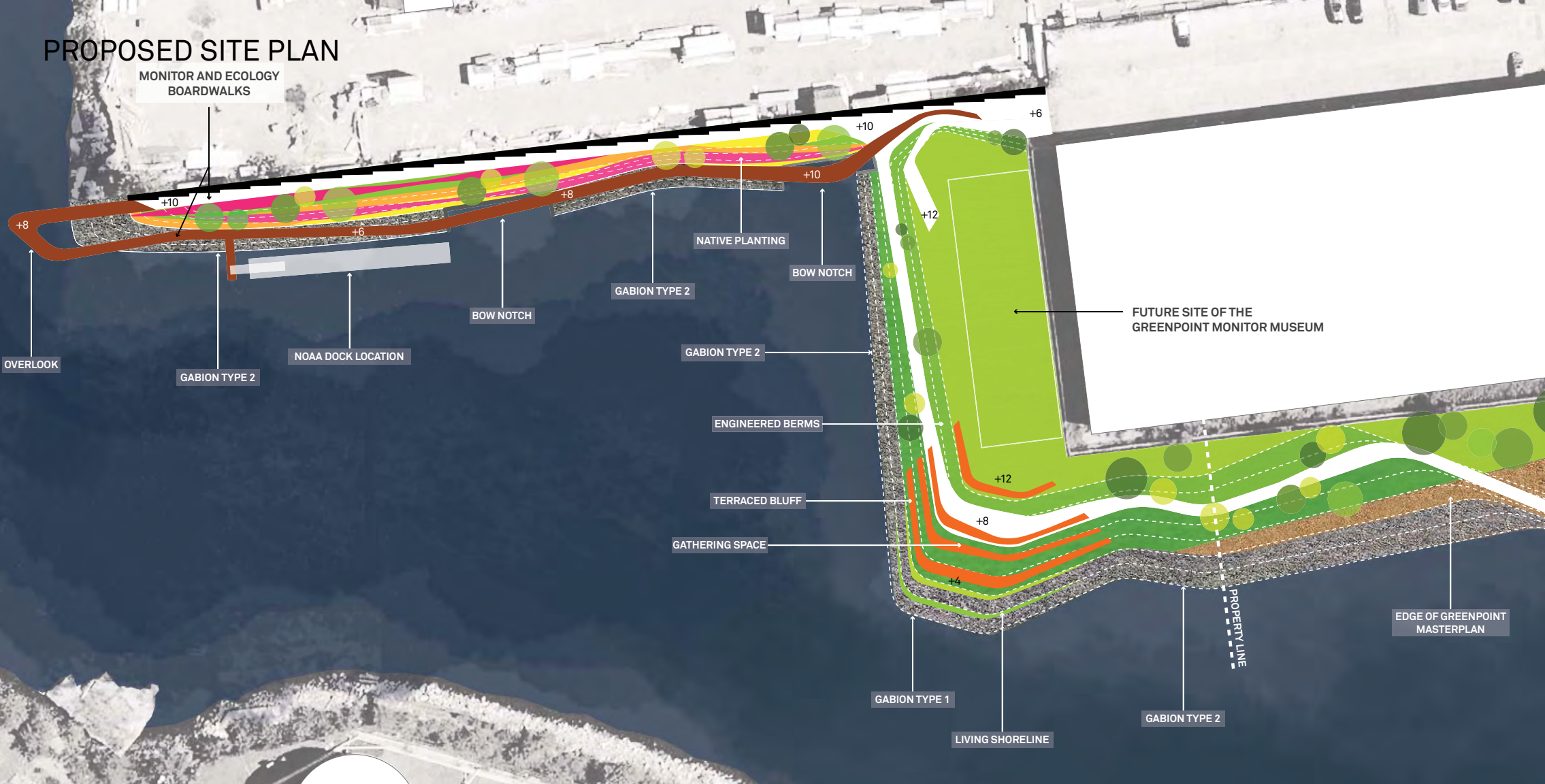
GABION TYPE 1

LIVING SHORELINE

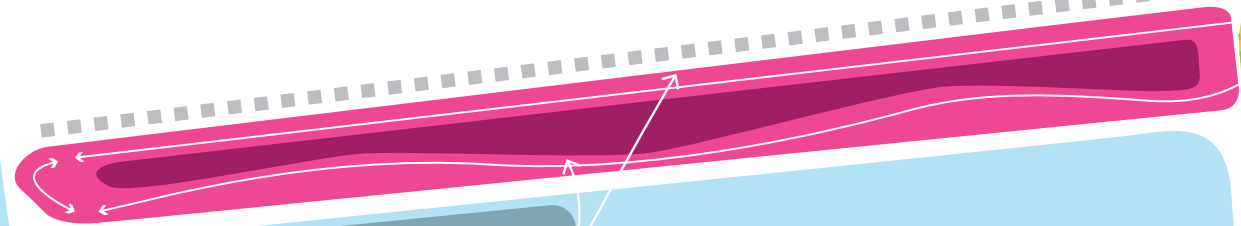
FUTURE SITE OF THE
GREENPOINT MONITOR MUSEUM

PROPERTY LINE

EDGE OF GREENPOINT
MASTERPLAN



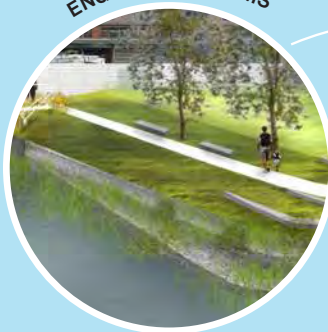
PROPOSED SITE FEATURES



MONITOR AND ECOLOGICAL BOARDWALKS



ENGINEERED BERMS



LIVING SHORELINE HABITAT



INLET VIEWING AND SEATING



TERRACED BLUFF LIVING SHORELINE

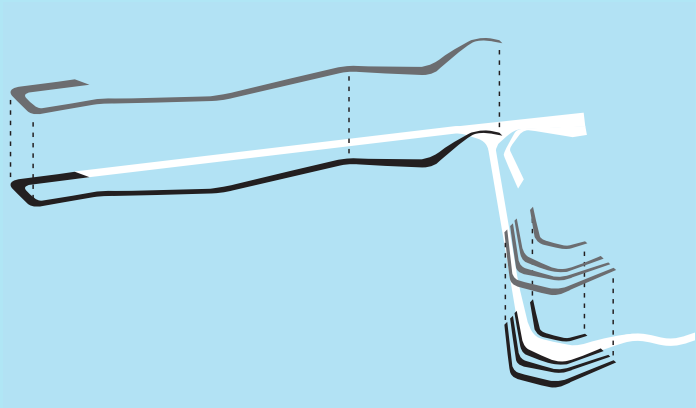




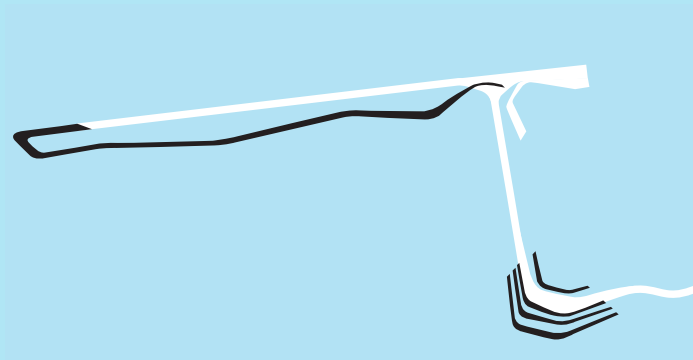
THE RESTORED SHORELINE



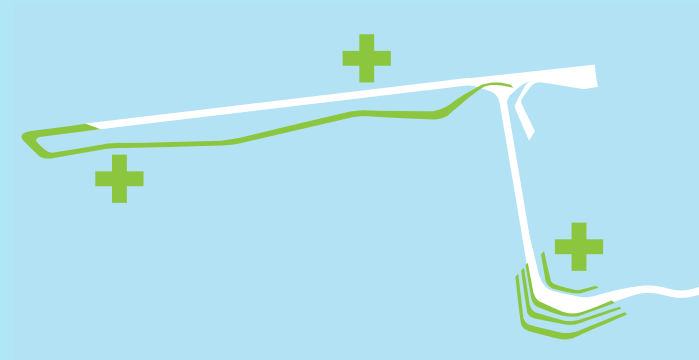
THE GREENPOINT MONITOR MUSEUM WATERFRONT



ADAPTABLE



INVENTIVE

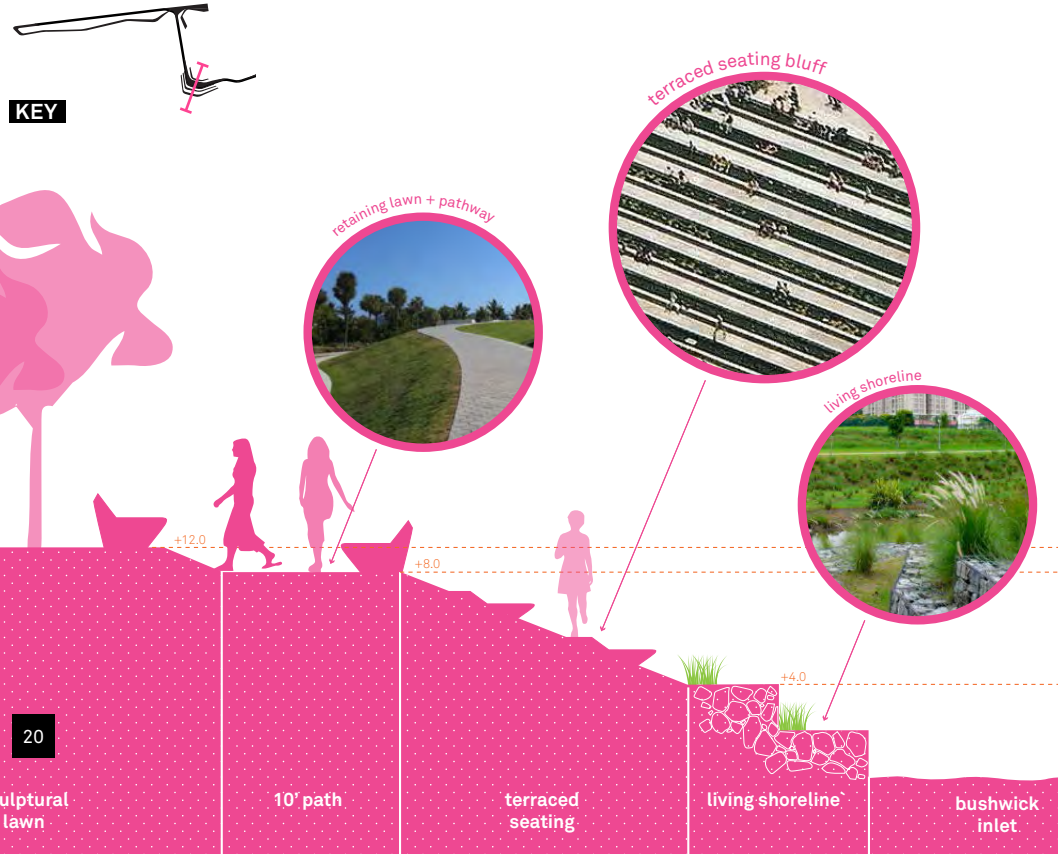


RESILIENT

A INTEGRATED SHORELINE...

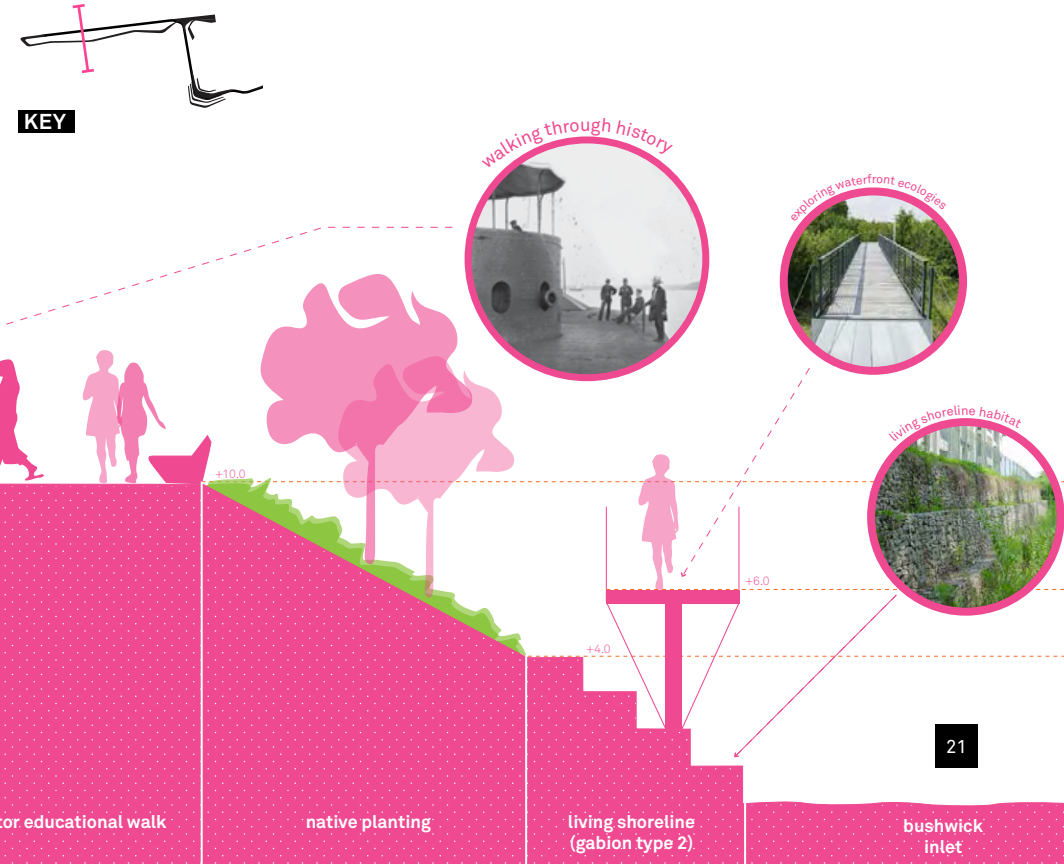
Terraced Amphitheater Section

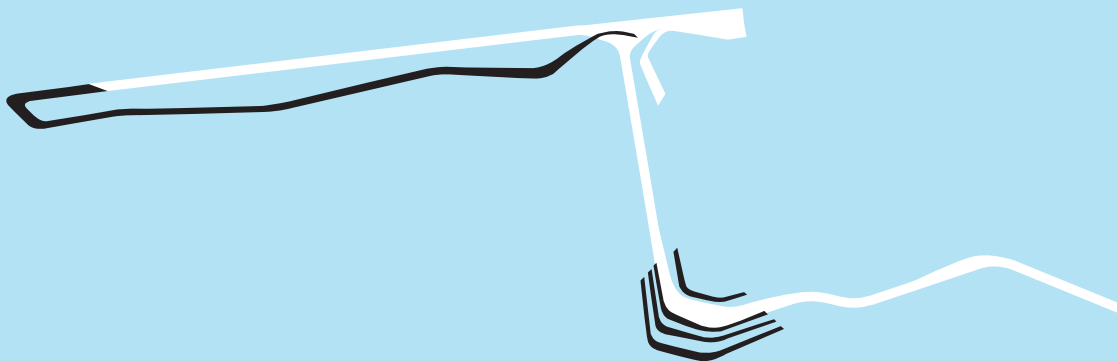
Incorporating fundamentals of resilient design is a key part of this pier and shoreline rehabilitation. A 'living shoreline' allows the opportunity for new plant species and marine wildlife to inhabit the previously un-vegetated shore.



Monitor/Ecological Boardwalks Section

Living Shoreline structures will stabilize the edge and provide a stable environment for ecosystems to evolve and thrive. Above the Living Shoreline structures there will be an ecological boardwalk and the Monitor Historical Walk at an even higher elevation.





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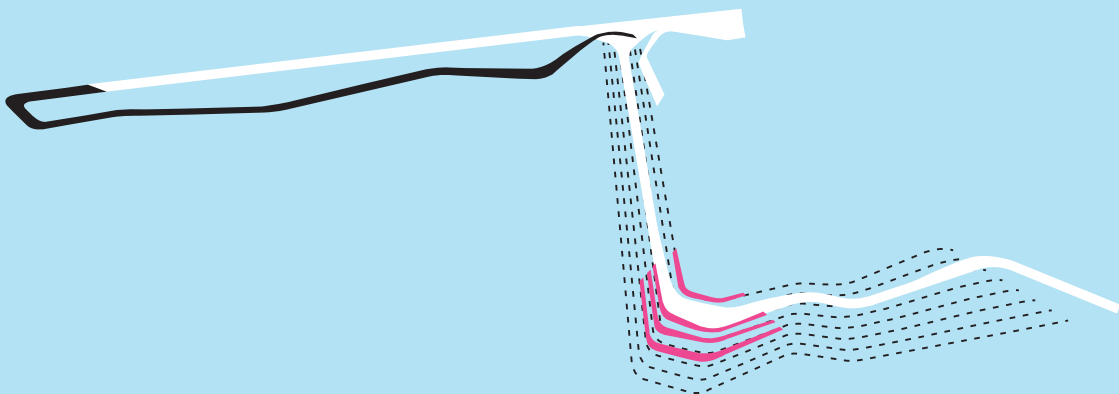
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