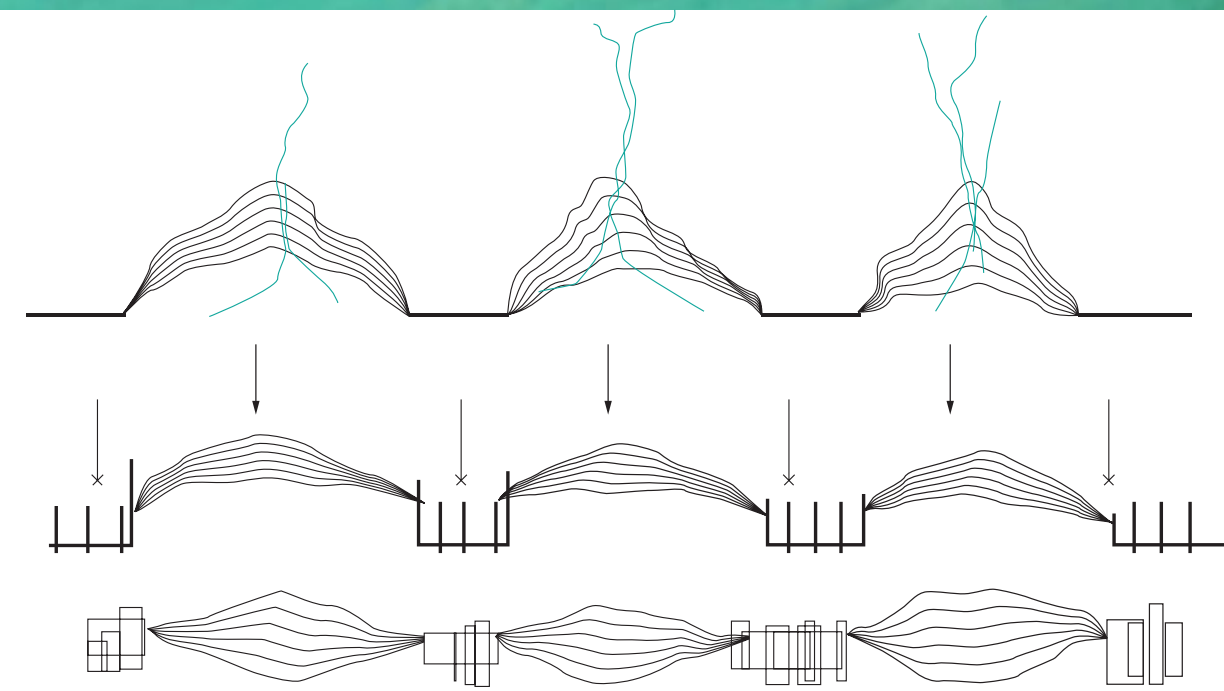


PERIPHERAL MULTIPLICITY

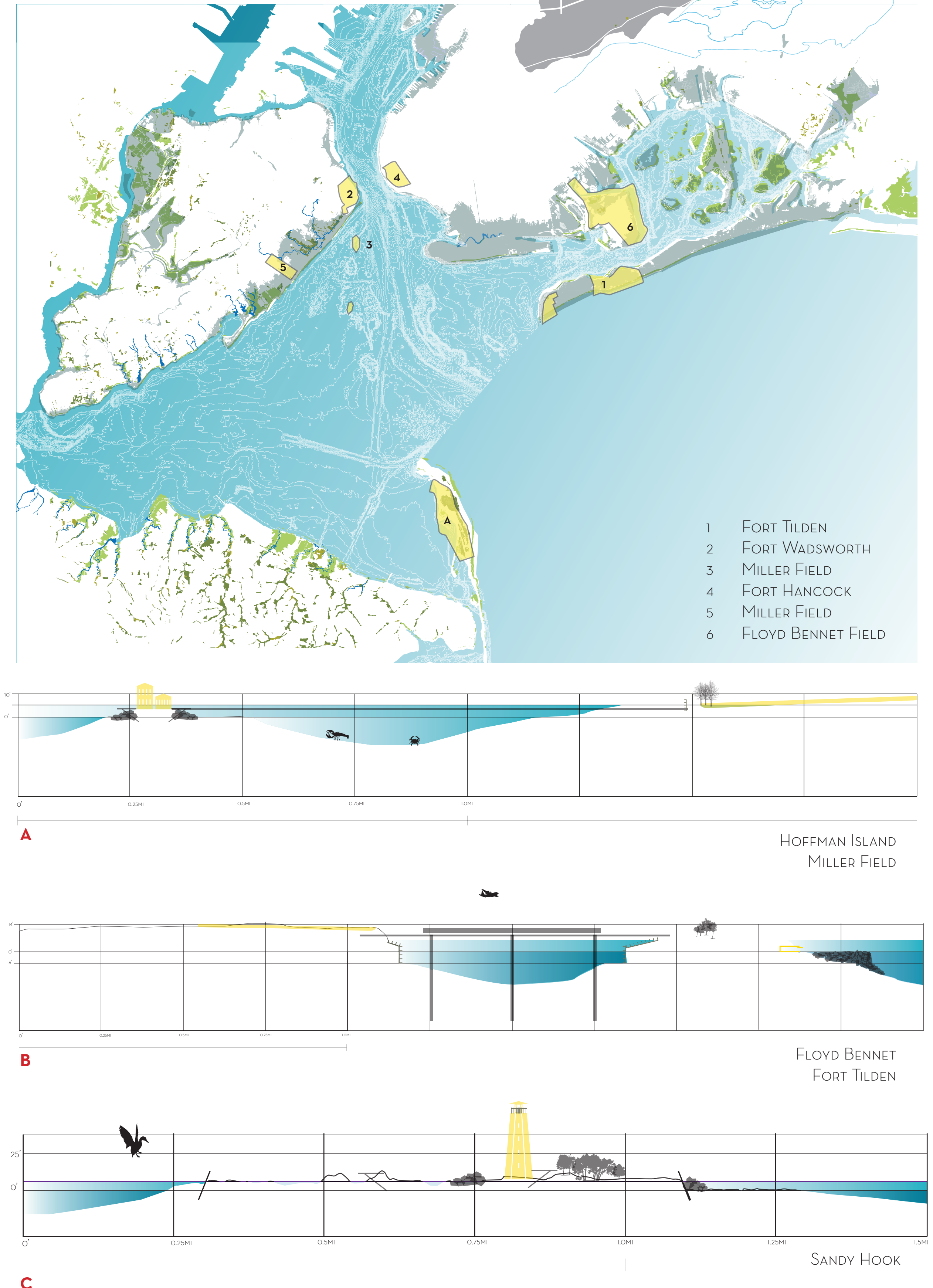
A STORM-RESILIENT, RECREATIONAL STRATEGY FOR THE RARITAN BAY

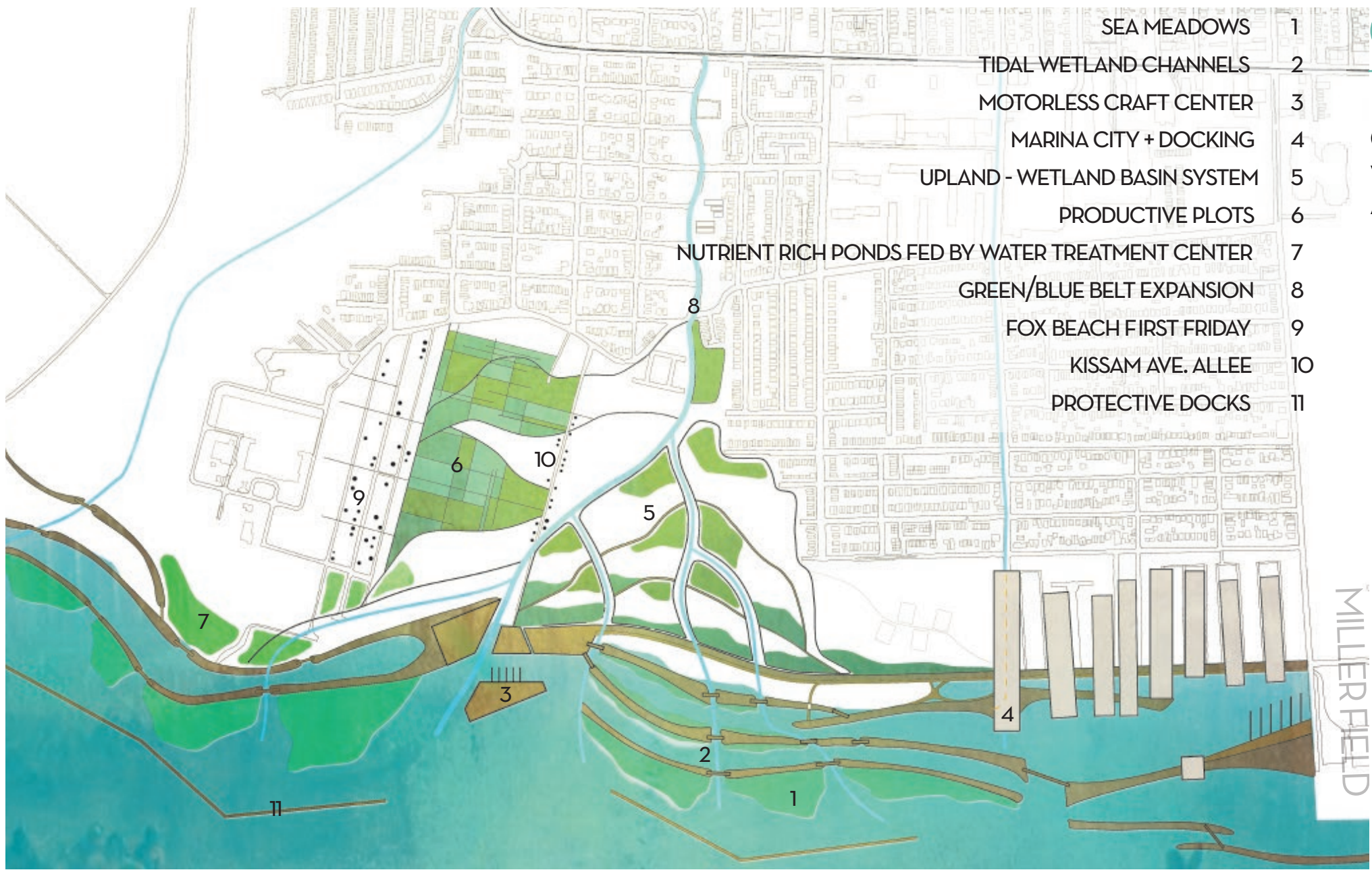
The Big Idea: Peripheral Multiplicity couples the need for new coastal protection strategies for New York City with the need to create a robust identity for Gateway National Park system. The defensive nature of forts along the coastline are redefined through the lens of climate change, forming recreational and commercial nodes connected by myriad threads of pedestrian, bicycle and boating circulation. This frayed edge creates a rich, accessible legibility of the shoreline while protecting inland development through the series of berm and breakwater ribbons that create the circulation networks.

The Case Study: Staten Island received massive damages along its buried historic creeks and throughout its filled historic wetlands. As the city buys out wiped out properties, this aggregation of land can be returned to its vibrant, tidal relationship with the Bay. Its rich expanses of ecosystems and open land will not only provide a natural buffer against storm surge, but will also become a destination for the larger region, and thus a source for economic development.



CONCEPTUAL DIAGRAM : OPENING HISTORIC CREEKS TO CREATE STORM WATER RUNOFF AND STORM SURGE EXPANSION JOINTS

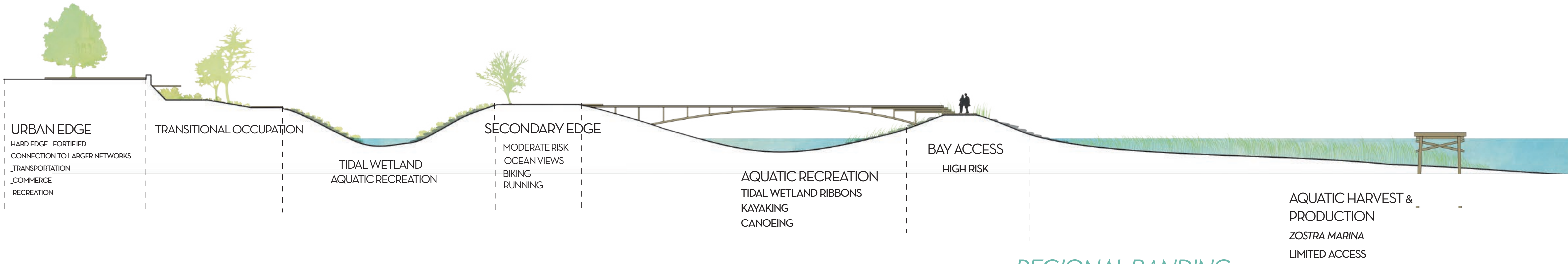




OAKWOOD BEACH, STATEN ISLAND

TYING THE CITY TO THE SHORE, & THE SHORE TO THE HARBOR

Oakwood Beach proved fertile ground for new protective and recreational visions with one of the highest destruction rates by super storm Sandy and adjacencies to existing historic airfield-cum-recreational node



REGIONAL BANDING: OCCUPIABLE WITHDRAWAL

THE SOFT, RIBBONED EDGE (AS OPPOSED TO SEAWALL STRATEGIES) CREATES A MORE DIRECT RELATIONSHIP, ALLOWING FOR A PLETHORA OF ACTIVITIES THAT ACCEPT TIDAL ACTION AND SEA LEVEL RISE.



DENSIFIED LIVING

HARD EDGE - FORTIFIED
GREEN BELT ADJACENCIES
INCREASED AMENITIES
PUBLIC TRANSPORTATION CONNECTIONS

PUBLIC SPACE

OUTDOOR AMPHITHEATER / MOVIE SCREENING
GROUP FITNESS
EXHIBIT SPACE
FARMER'S MARKET

OAKWOOD CONDOS

WETLANDS FLOURING THROUGH CENTER OF THE DEVELOPMENT

++AMENITIES

SWIMMING POOL OVERLOOK
KAYAK LAUNCH/RENTALS
OCEAN VIEWS
GREEN BELT LINKS

VEGGIE BUFFER

WINDBREAK
PRIVACY
COASTAL DEFENSE

AQUATIC HARVEST & PRODUCTION

ZOSTRA MARINA
LIMITED ACCESS
WAVE ATTENUATION

MARINA URBANISM: STRENGTH IN NUMBERS

THE COMBINED VALUE OF ONE BLOCK OF 80 OAKWOOD BEACH HOMES COULD BE REINVESTED IN MULTI-UNIT HOUSING WITH A MORE PROTECTED OCCUPATION OF THE SHORE AND AN INCREDIBLE INCREASE IN AMENITIES



DENSIFIED LIVING

HARD EDGE - FORTIFIED
IMMEDIATE GREEN BELT ACCESS
INCREASED AMENITIES
PUBLIC TRANSPORTATION CONNECTIONS

VEGETATED BUFFER

PRIVACY FROM GREEN BELT CIRCULATION WHILE MAINTAINING
EASY ACCESS TO THE CIRCULATION SYSTEM

2080 +5
2050 +3
2020 +1

RIPARIAN CORRIDOR

OAKWOOD CREEK
VARIATION OF HARD/SOFT EDGES TO
ALLOW FOR SELECTIVE INUNDATION

GABIONS

MADE OF CONCRETE RUBBLE FROM
SANDY DEMOLITION

KISSAM AVE. ALLEE

SOURGUM ALLEE TURNS VIBRANT RED
WITH A FORSYTHIA UNDERSTORY,
REFERENCING THE DESTRUCTION OF
THE HOMES

PRODUCTIVE PLOTS

INUNDATED LANDSCAPE PROVIDES
GROUND FOR LOCAL SMALL SCALE
FARMING

FOX BEACH FIRST FRIDAY

LIMITED OCCUPATION STRUCTURES
FOR WORKSHOPS AND EXHIBITS.

GREEN BELT EXPANSION: MOVING PEOPLE AND WATER TO THE SHORE

