

A hundred years hence, or ever so many hundred years hence, others will see them,  
Will enjoy the sunset, **the pouring in of the flood-tide, the falling back to the sea of the ebb-tide.**  
- Walt Whitman, "Crossing Brooklyn Ferry"

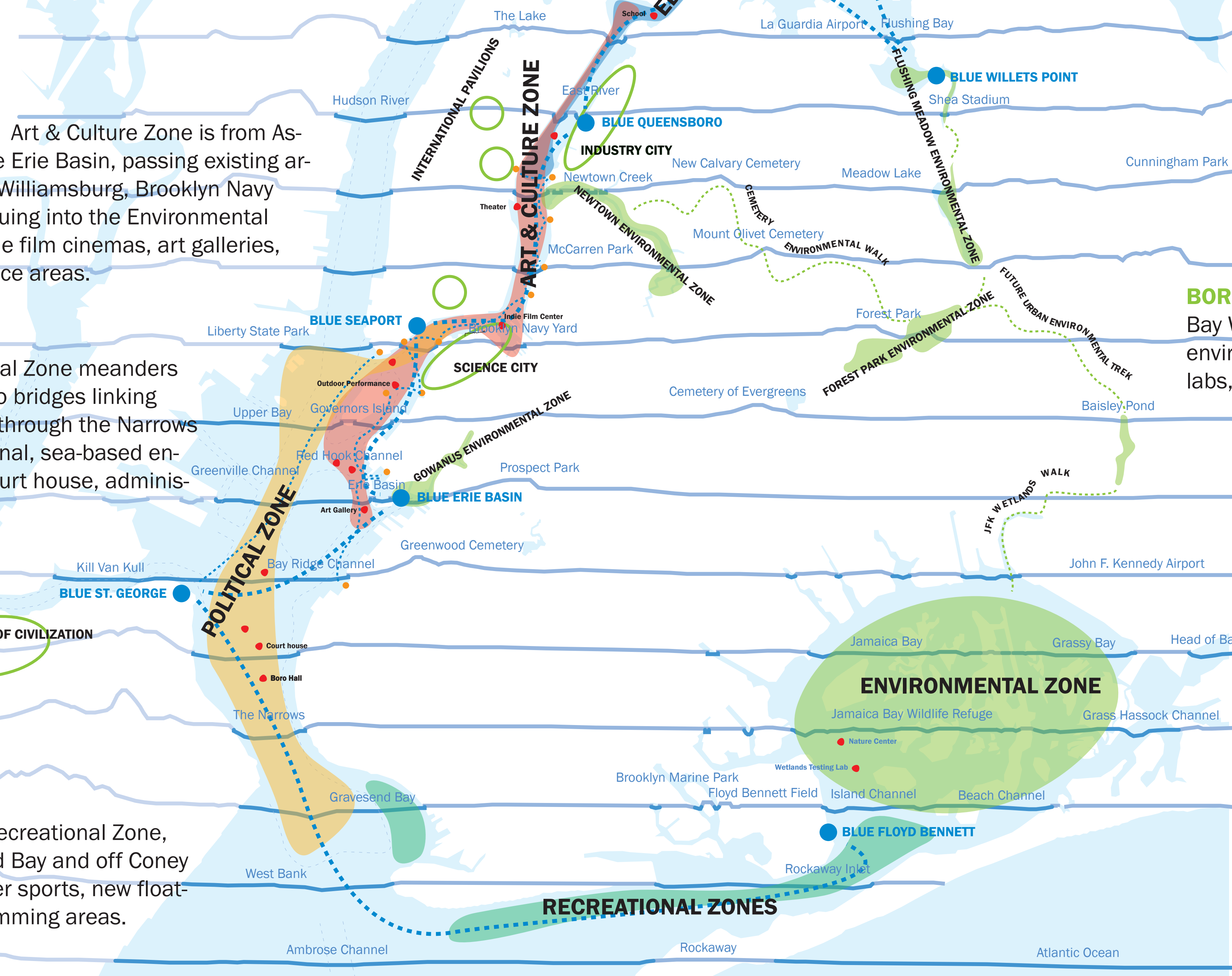
- Existing Water Taxi Stops
  - New Blue Network Stops
  - Water Taxi Routes
  - CleanTech Zones
  - Urban Environmental Routes
  - Floating Clamshells
- Floating Zones*
- Education
  - Art & Culture
  - Political
  - Recreational
  - Environmental

**BOROUGH OF EDUCATION** The Education Zone stretches from Hunts Point in the Bronx to Hunters Point in Brooklyn; schools, workshop centers, after-school programs, play schools, job training centers, float along the East River according to the tides.

**BOROUGH OF ART & CULTURE** Art & Culture Zone is from Astoria Park, the "Hell Gate," to the Erie Basin, passing existing artistic hubs like Long Island City, Williamsburg, Brooklyn Navy Yard, and Red Hook, before seguing into the Environmental Zone of the Gowanus Canal; indie film cinemas, art galleries, theaters and outdoor performance areas.

**BOROUGH OF POLITICS** Political Zone meanders from existing City Hall, by the two bridges linking Manhattan and Brooklyn, down through the Narrows and into the Lower Bay, the original, sea-based entryway to NYC; new Boro Hall, court house, administrative departments.

**BOROUGH OF RECREATION** Recreational Zone, the shallow waters of Gravesend Bay and off Coney Island and Brighton Beach; water sports, new floating playing fields, protected swimming areas.



NYC TERRAIN OF FLOWS MAP \*

\* after Mathur & Da Cunha

# A "THERE" THERE

Climate change and sea level rise have given us new urgency in our efforts to reacquaint ourselves with our waterfronts, to confront threats and to envision new opportunities. WATERBORO, a plan for NYC's 6th borough, asks a simple question: Where is the "there" there?

What gives a borough its identity? Not its relationship to other boroughs, surely, but the places in it that become familiar and beloved landmarks: museums and art galleries, cinemas, schools, restaurants and boutiques, parks, plazas.

The New York Harbor is dynamic. Both the Hudson River and East River (a tidal strait) **changes direction in flow** twice a day.

WATERBORO takes advantage of this flood and ebb, envisioning **floating destinations** that move up and down the East River and bay according to flow and current.

These floating "clam shells" are places of activity, centers and neighborhoods. In this constantly changing nature, edges overlap and are blurred, distinct lines fade. Places of education, art & culture, politics, recreation and environment float with the currents.

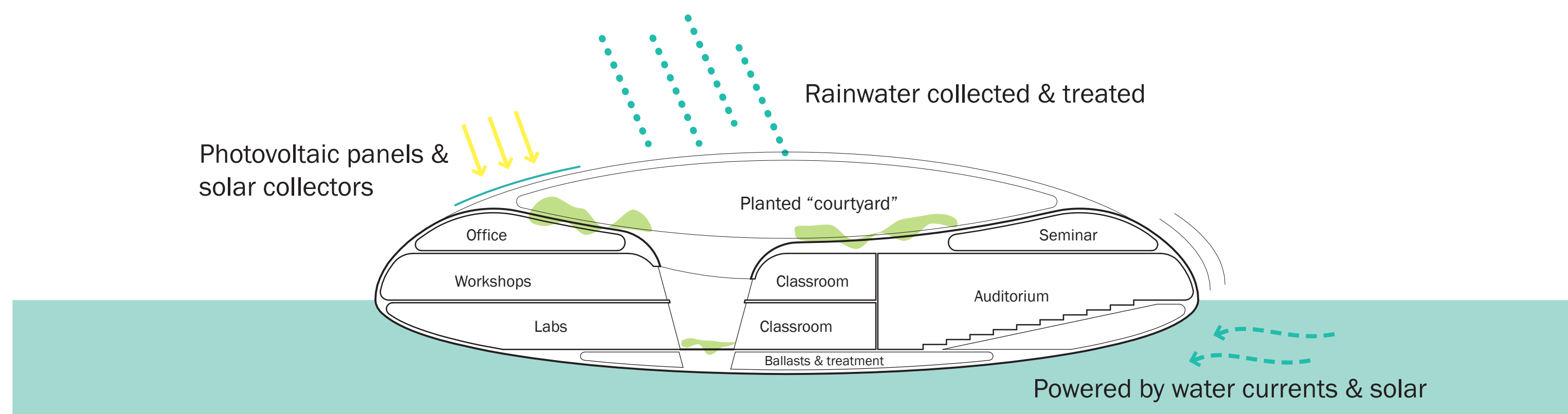
**BOROUGH OF ENVIRONMENT** Environmental Zone - centered in the Jamaica Bay Wildlife Refuge, but includes ALL zones, the largest, most dispersed area; environmental centers, test and observation sites, climate change and ecology labs, connected by water and a future urban environmental trek.

Floating clam shell and inverted clam shells near Brooklyn Heights



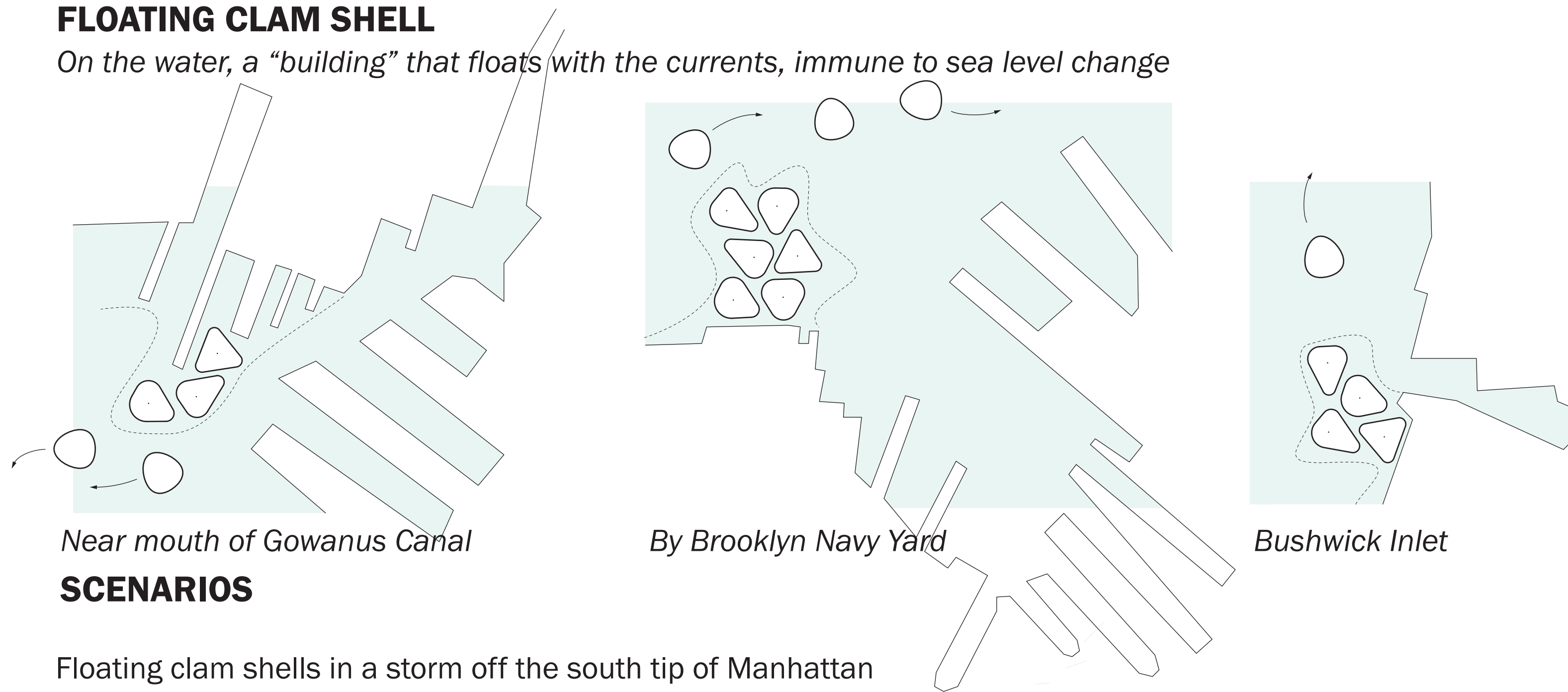
# Places to go, how to get there; networks & destinations for NYC **WATERBORO**

New WATERBORO needs new building types: a **clam shell pod that floats and drifts**  and an **“inverted” clam shell**,  that dissipates storm surges and sea level rise, and collects and treats rainwater



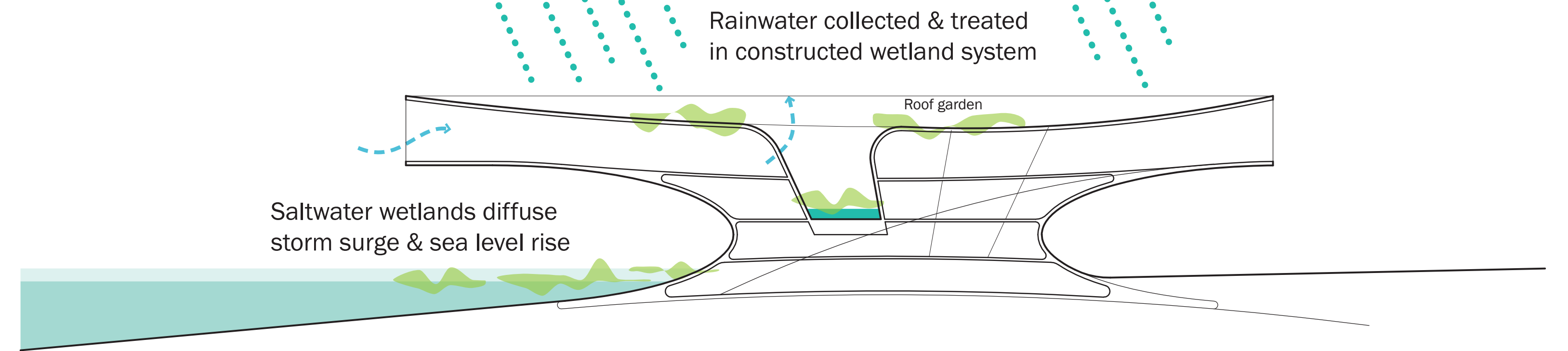
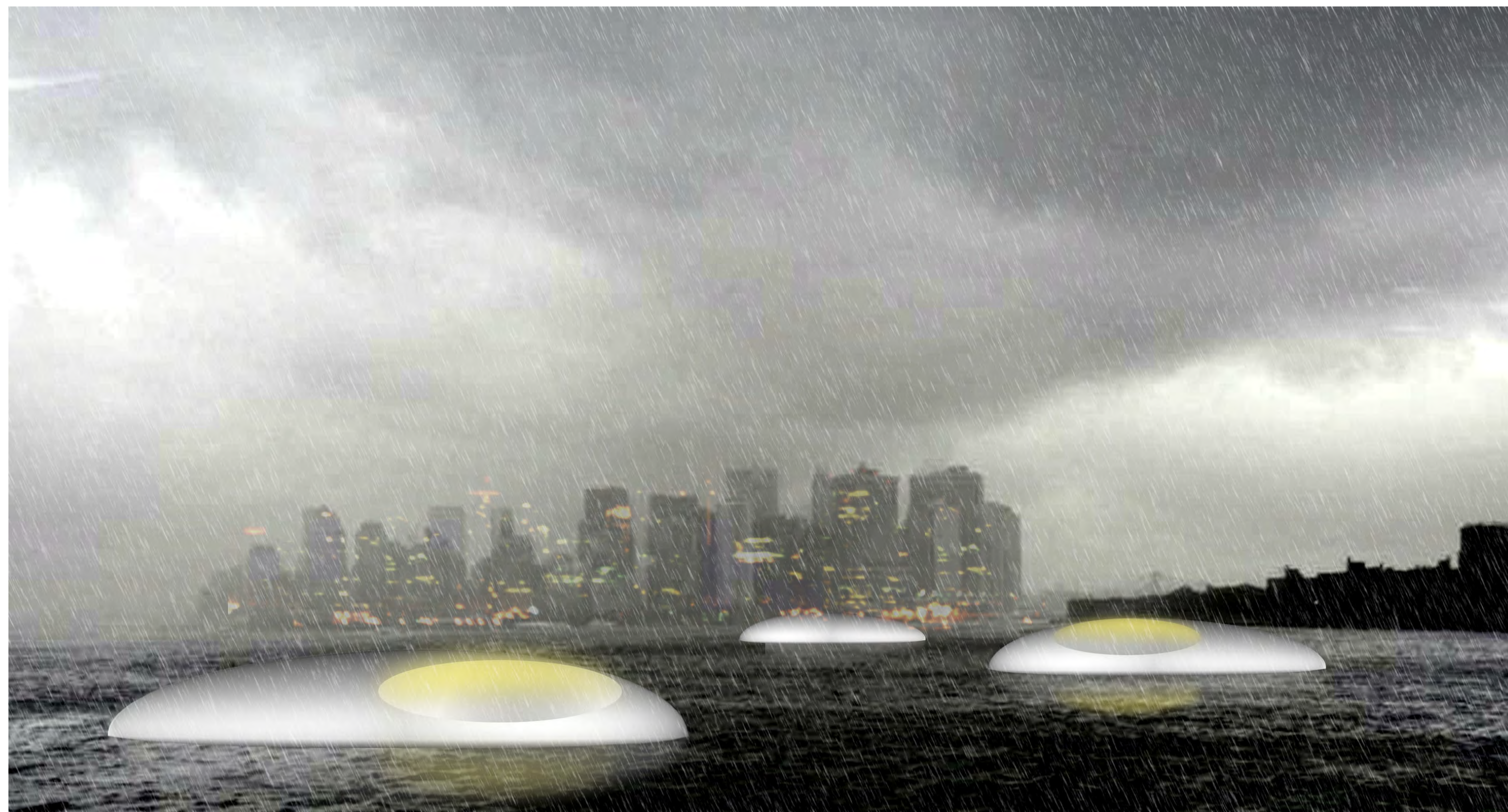
## FLOATING CLAM SHELL

On the water, a “building” that floats with the currents, immune to sea level change



## SCENARIOS

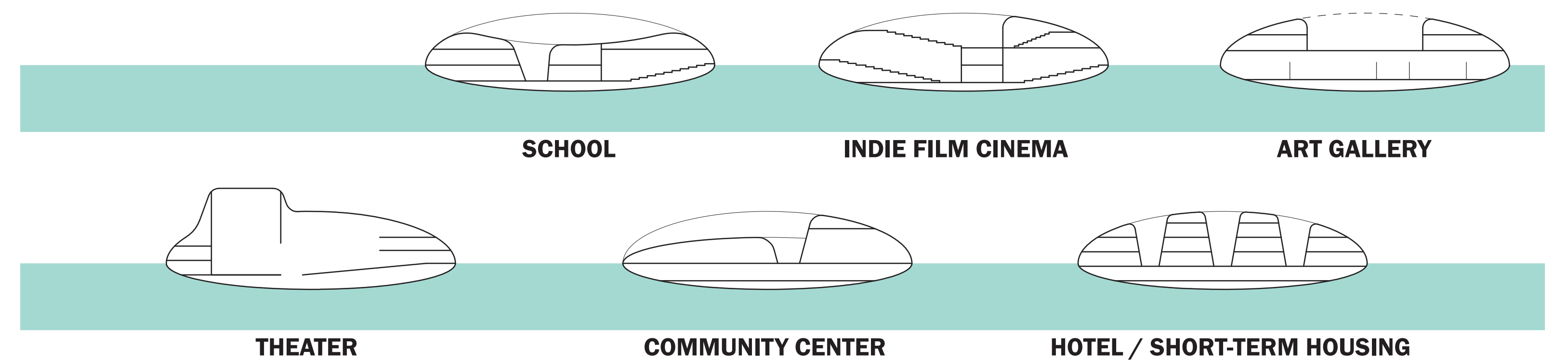
Floating clam shells in a storm off the south tip of Manhattan



## INVERTED CLAM SHELL

On the edge between wet and dry, a building that embraces water from both directions - from sea and sky

## FLOATING DESTINATIONS



Inverted clam shell near Erie Basin, Red Hook

