



The evolution of vegetation community inform people change of environmental condition

Country / City	New Zealand / Christchurch
University / School	Lincoln University / School of Landscape Architecture
Academic year	4th Year
Title of the project	Amphibious
Authors	Zhiyi Zhong

## TECHNICAL DOSSIER

Title of the project	Amphibious
Authors	Zhiyi Zhong
Title of the course	Major Design
Academic year	4th Year
Teaching Staff	Don Royds
Department	School of Landscape Architecture
University	Lincoln University



Written statement, short description of the project in English, no more than 250 words

### Project Vision:

New Brighton will develop from an earthquake disruption to a safe, lively, beautiful and attractive coastal suburban area to live, work and play for local residents and to draw visitors from the city and beyond.

Building upon its unique natural assets, it will be an unconventional suburban fabric that is shaped by natural forces constantly. A new symbiotic relationship will be developed between the restored nature and realigned built environment, which enables its community to enjoy a variety of lifestyles, grow social confidence and resiliency to respond to dynamic natural forces and climate change.

The primary goal of the project is to improve the New Brighton's ability to adapt to current and possible greater effects of riverine and coastal flooding with long-term climate change.

For further information  
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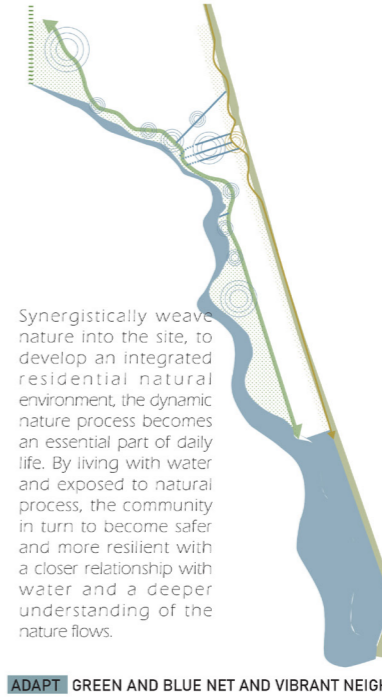
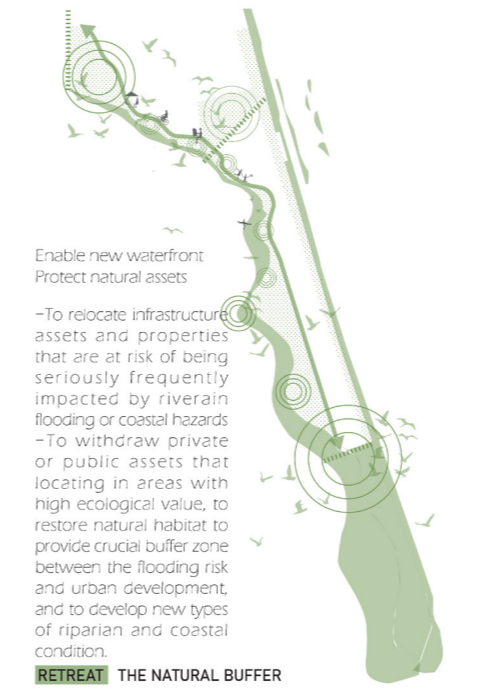
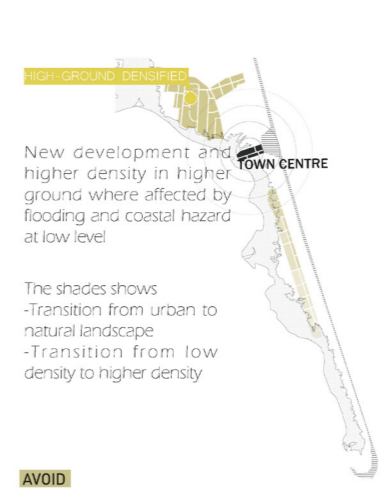
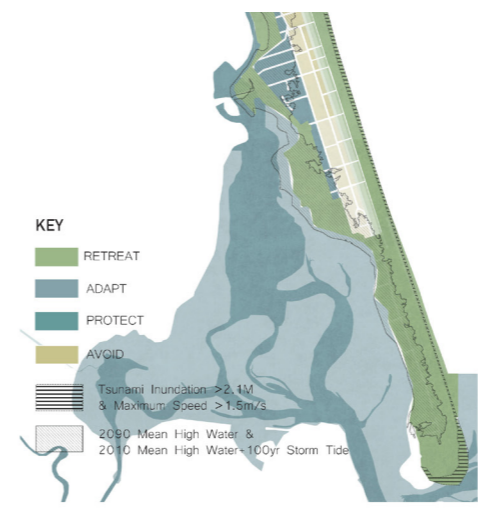
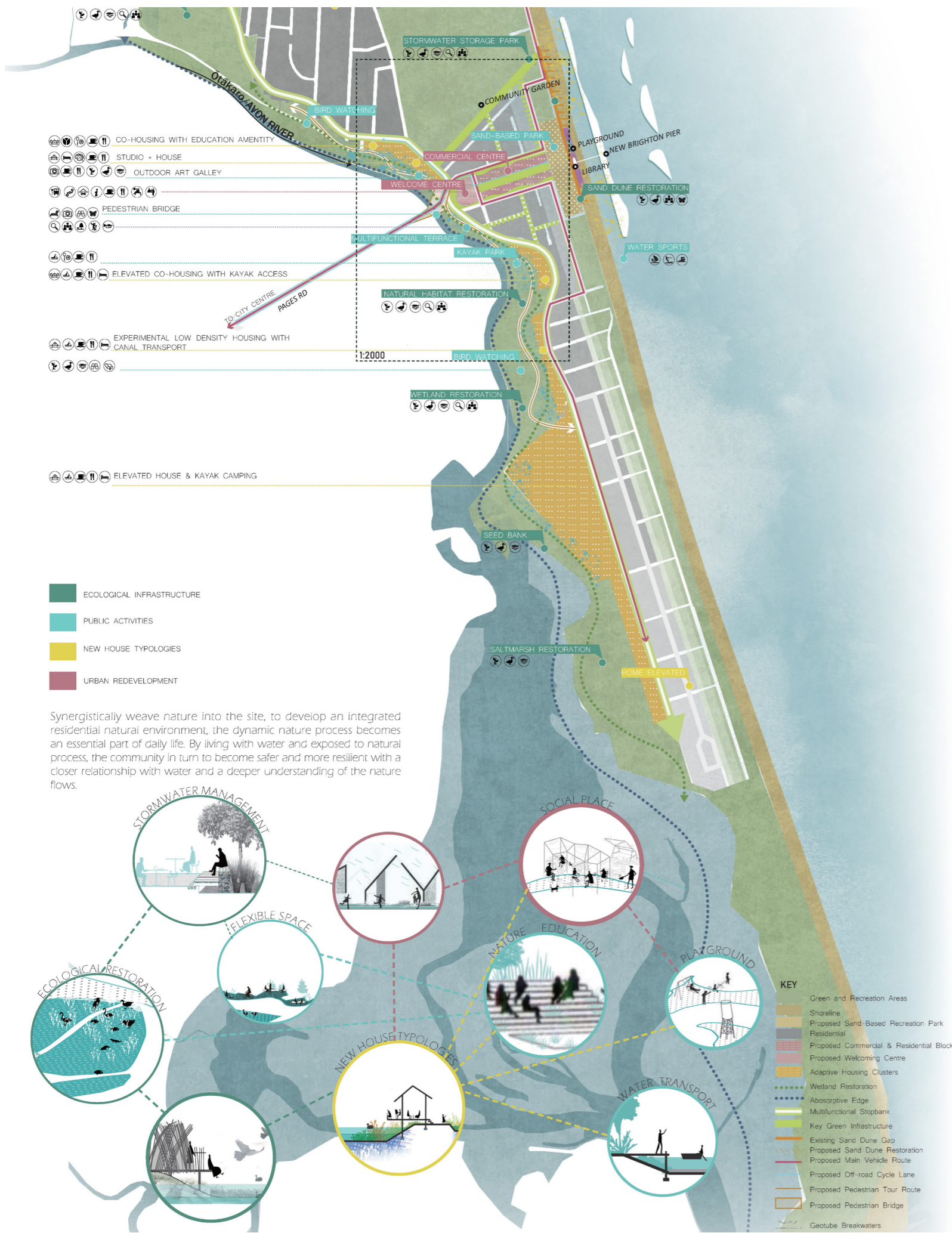
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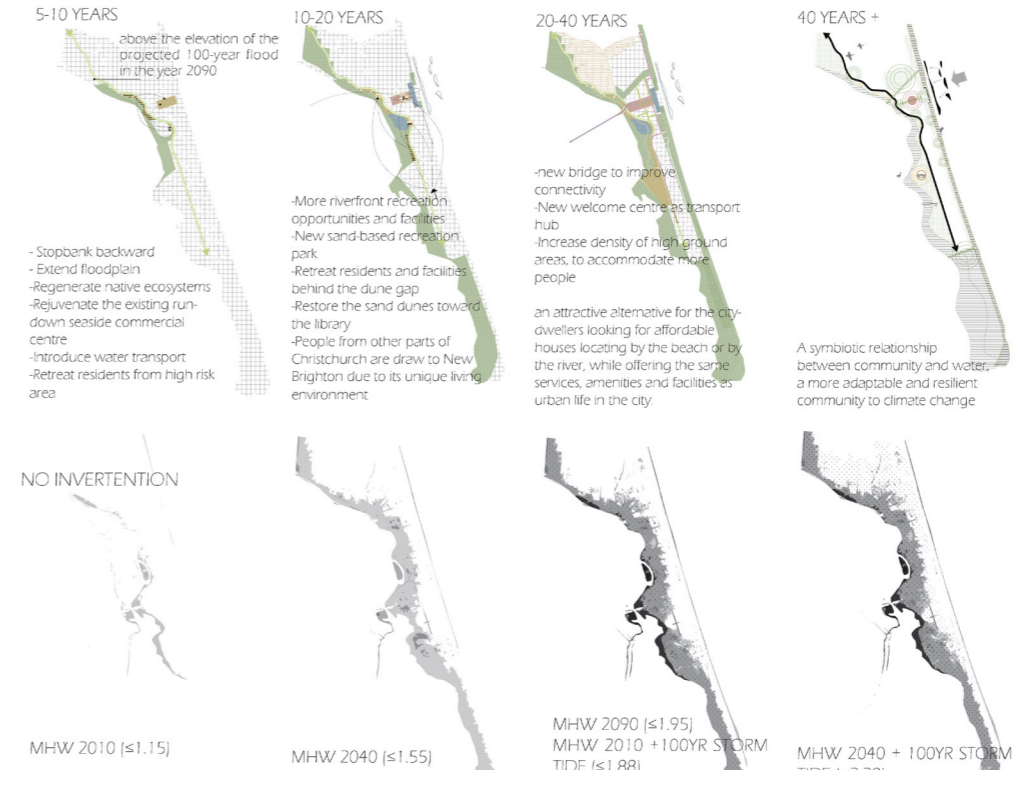
# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE



**STAGING**



Synergistically weave nature into the site, to develop an integrated residential natural environment, the dynamic nature process becomes an essential part of daily life. By living with water and exposed to natural process, the community in turn to become safer and more resilient with a closer relationship with water and a deeper understanding of the nature flows.





**DESIGN INTENT**

Intermediate plan takes area of the main access of New Brighton, including the proposed footbridge, welcoming centre, riverfront studio & house neighborhood and arrival plaza. It is a crucial area where connecting New Brighton and other places, where nature meet urban, where water meet land.

The design intends to renew the water edge and improve connectivity. It integrates ecological element and public space, to create an animated corridor. New walking and bike paths, welcoming entrances, and the integration of transit will allow the park to be easily accessible from near and far.

This plan aims to encourage more pedestrians and cyclists to use the place through friendly design elements and facilities. Pedestrian and bicycle access are prioritized over vehicles in the town centre, with distinctively marked pathways and crossings, signalized intersections and signage.

**ART VILLAGE**

It is a waterfront neighborhood of studio and house mixed use, It is supporting the local artists or from other places, associated with Mahinga Kai, the outdoor spaces will integrate fixed and ephemeral artwork in the wetland, which highlight the region's natural and cultural history, as well as the integration of throughout the park. Interactive micro-environment habitat with amphibious boardwalk combine recreational and educational opportunities to reveal the evolution of ecological community with sea level rise.

**Arrival Plaza**

Celebrate urban life and natural process, it introduces rainwater to the urban life through water gutters which is integrated into paving system. It is of amphibious use, that serve as separated cycling way in dry periods while turn into water channel with a thin layer of water during rain events. The paving strategy use open cell pattern that with blue elements in the gap delivering a sense of river flow. It is with the metaphor of "Delta", which means where the river meets the sea, It directs water as well as people across the centre through a serious "social room" and activity, and connect to the beach in the end.

**KEY**

- Painted pave
  - Marked cycle way
  - Cycle cross
  - Permeable on street parking
  - on street stormwater retention cell
  - Pathway with recycled crushed blue glass
  - Water feature
  - Concrete bench
- TF: Top of fence

