

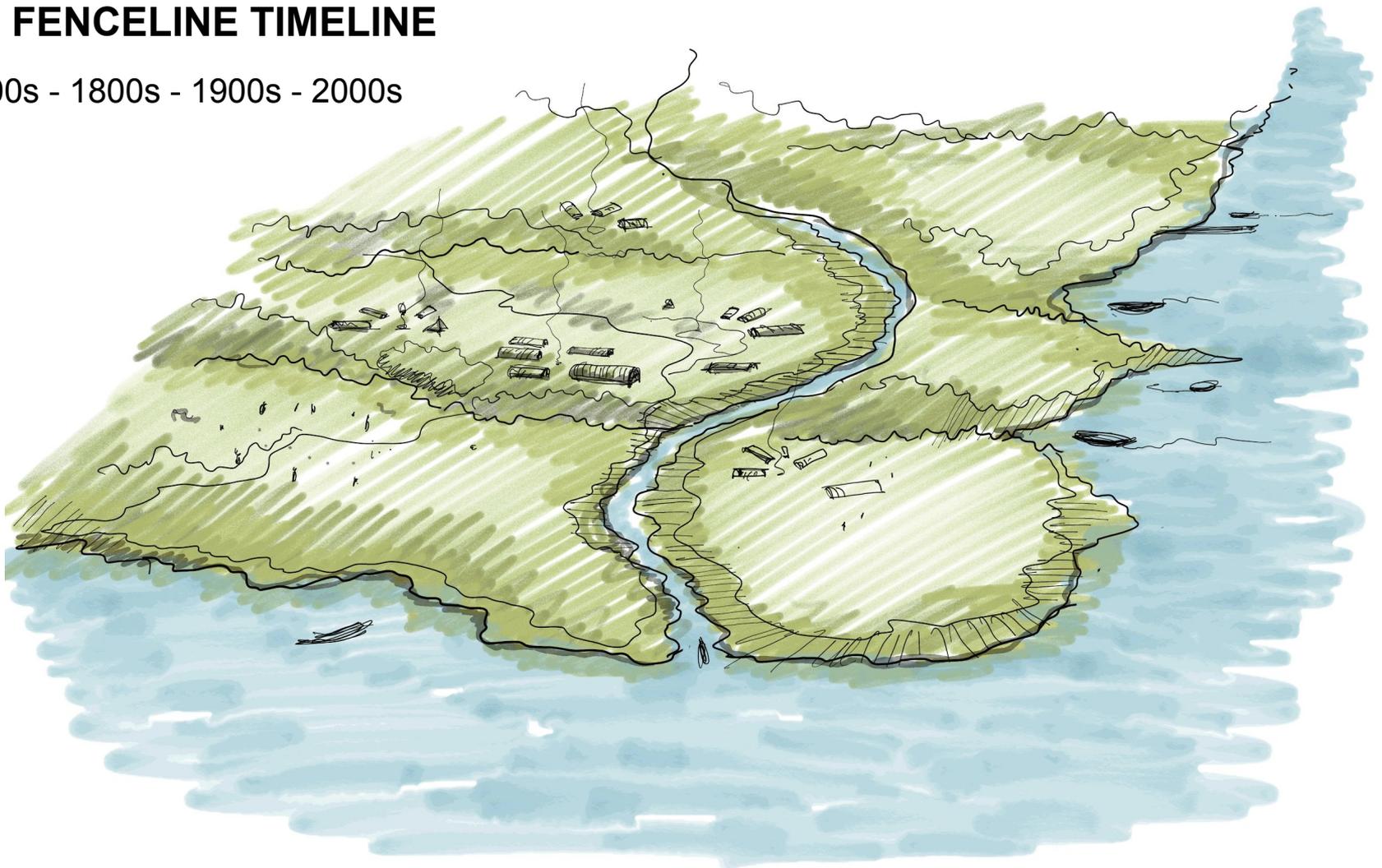
The Fenceline

Climate Justice in Our Own Backyard

Sabina, Yue, Achmad, Jen, Dannie

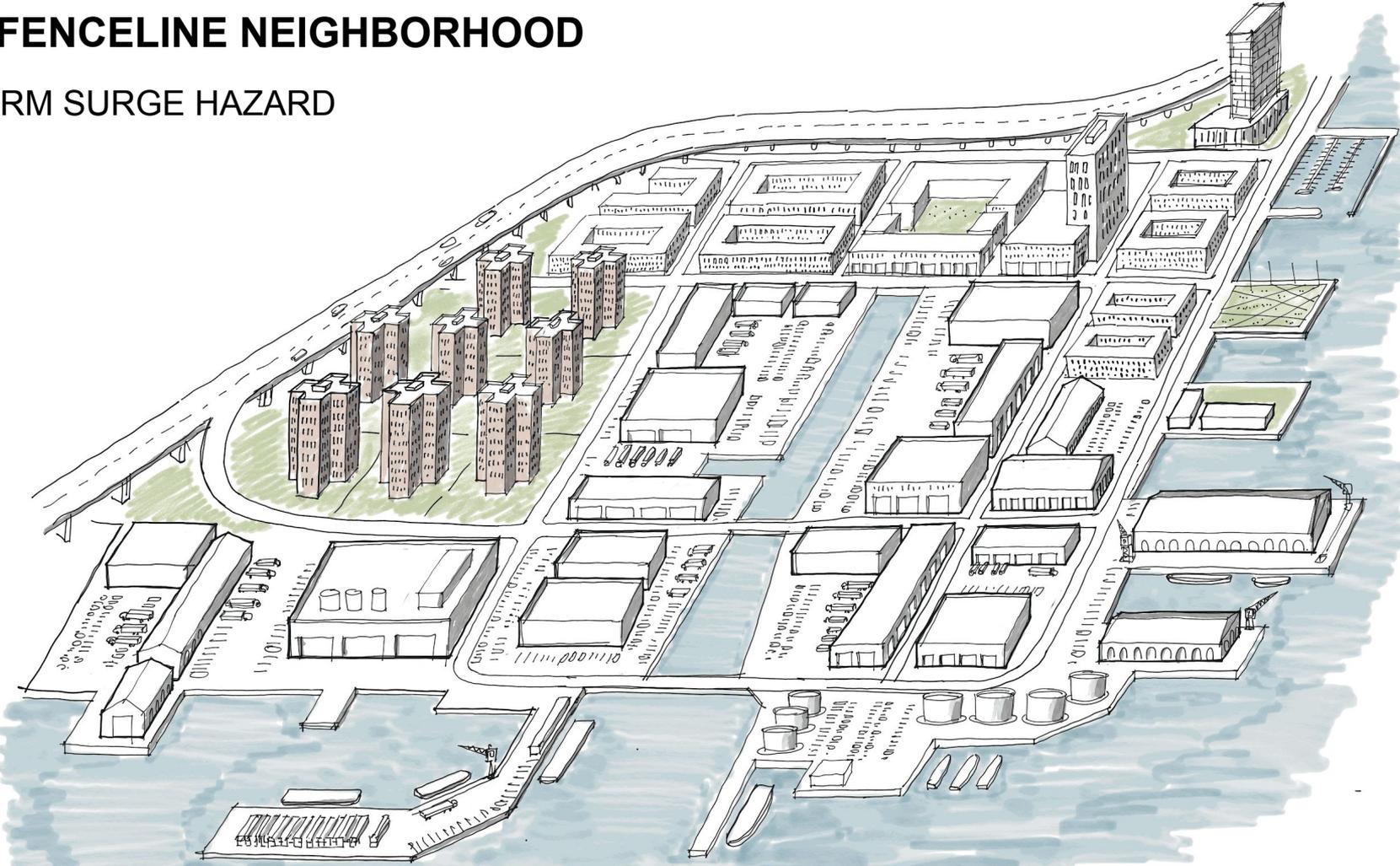
THE FENCELINE TIMELINE

1600s - 1800s - 1900s - 2000s



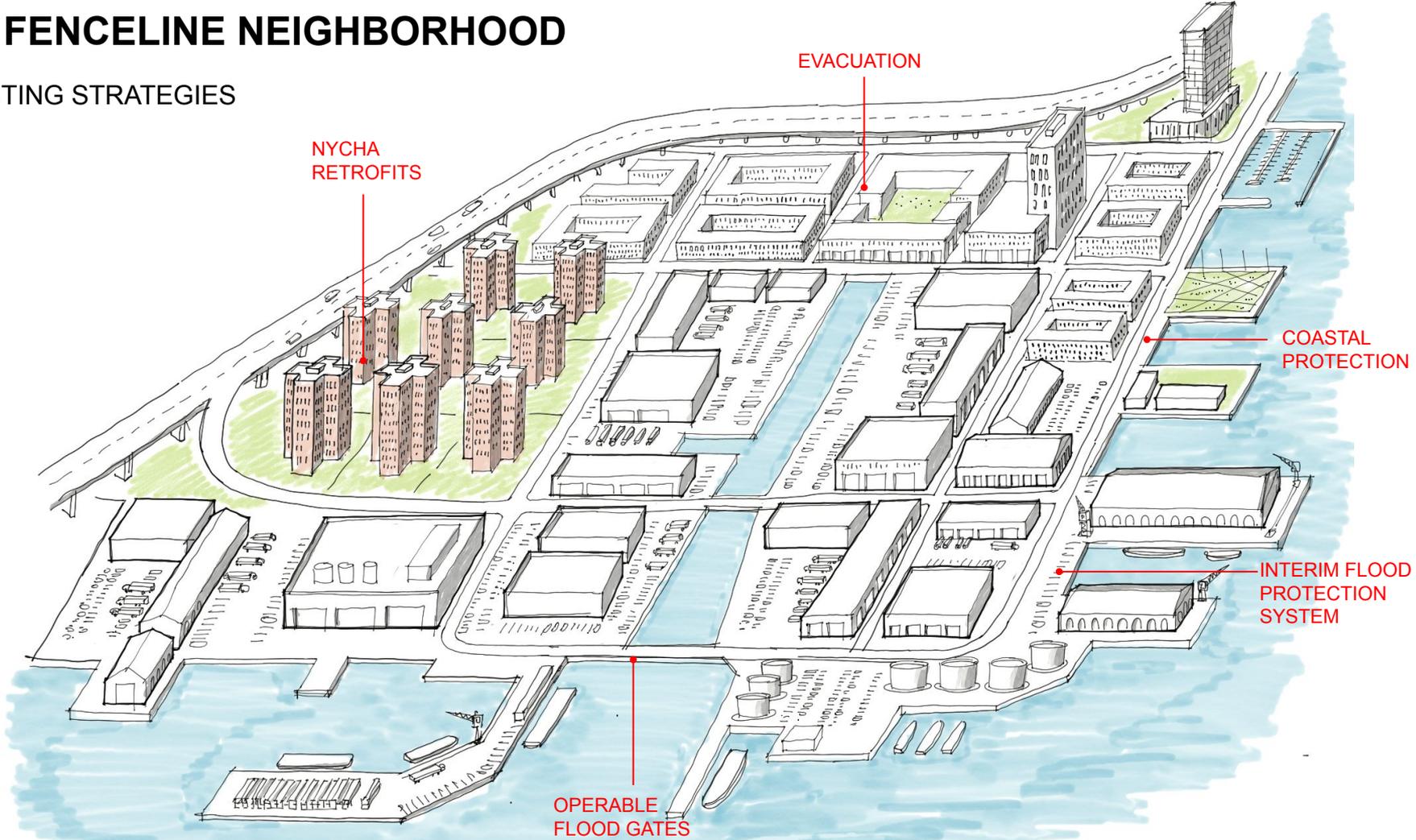
THE FENCELINE NEIGHBORHOOD

STORM SURGE HAZARD



THE FENCELINE NEIGHBORHOOD

EXISTING STRATEGIES



THE WATERFRONT

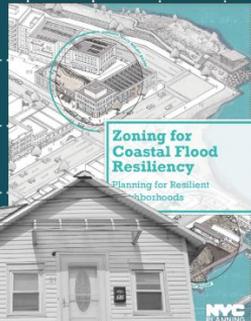


KIT NGA CHOU | JULIA BOGER-HAWKINS | JIAXIN LI | DANQING MA | JOLIE VILLEGAS

HOUSING RETROFFITS



Zoning for Coastal Flood Resilience



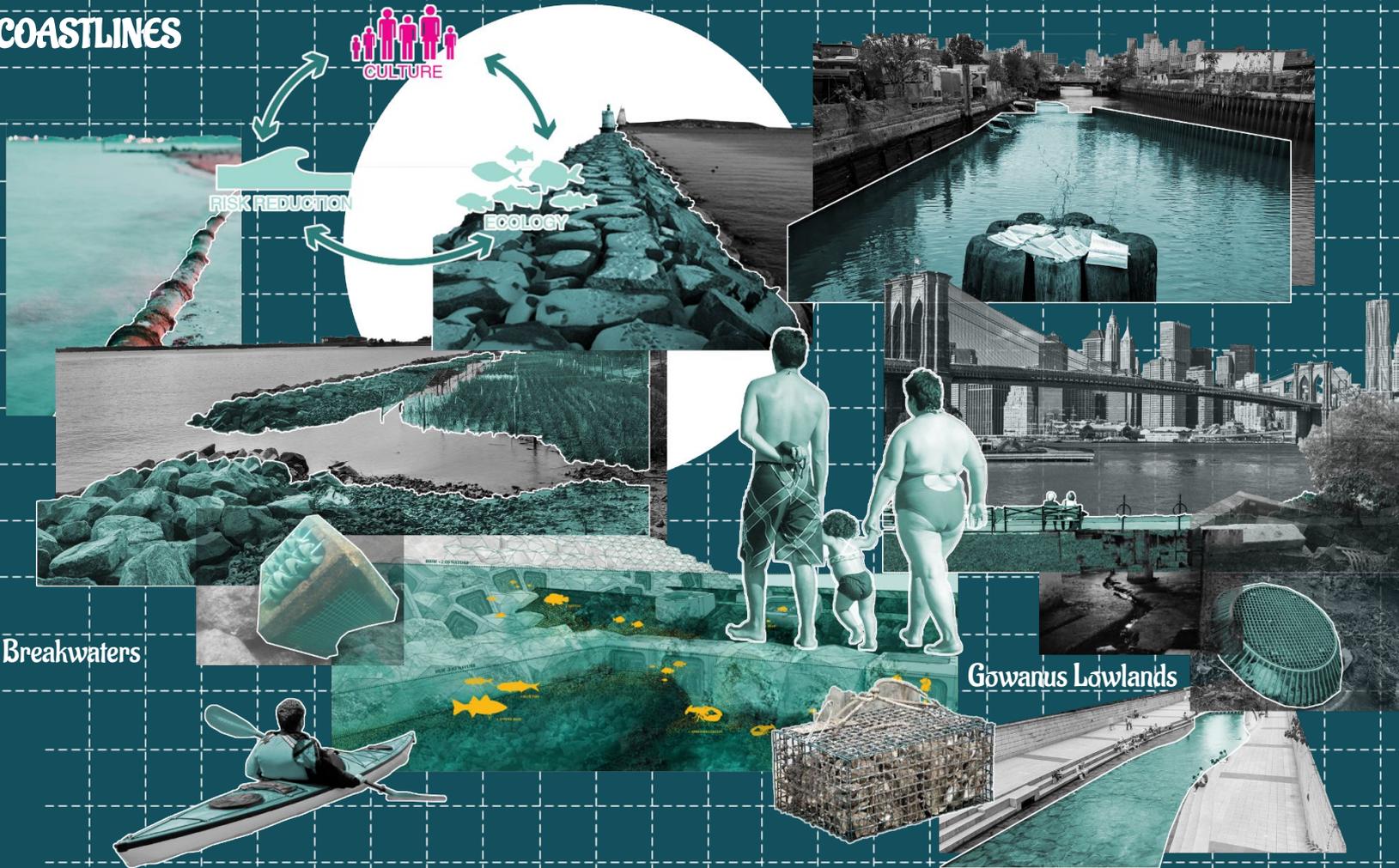
NYC Build it Back



DCP: Retrofitting for Flood Resilience



RETHINKING COASTLINES



Living Breakwaters

Gowanus Lowlands

CLIMATE JUSTICE IN OUR OWN BACKYARDS



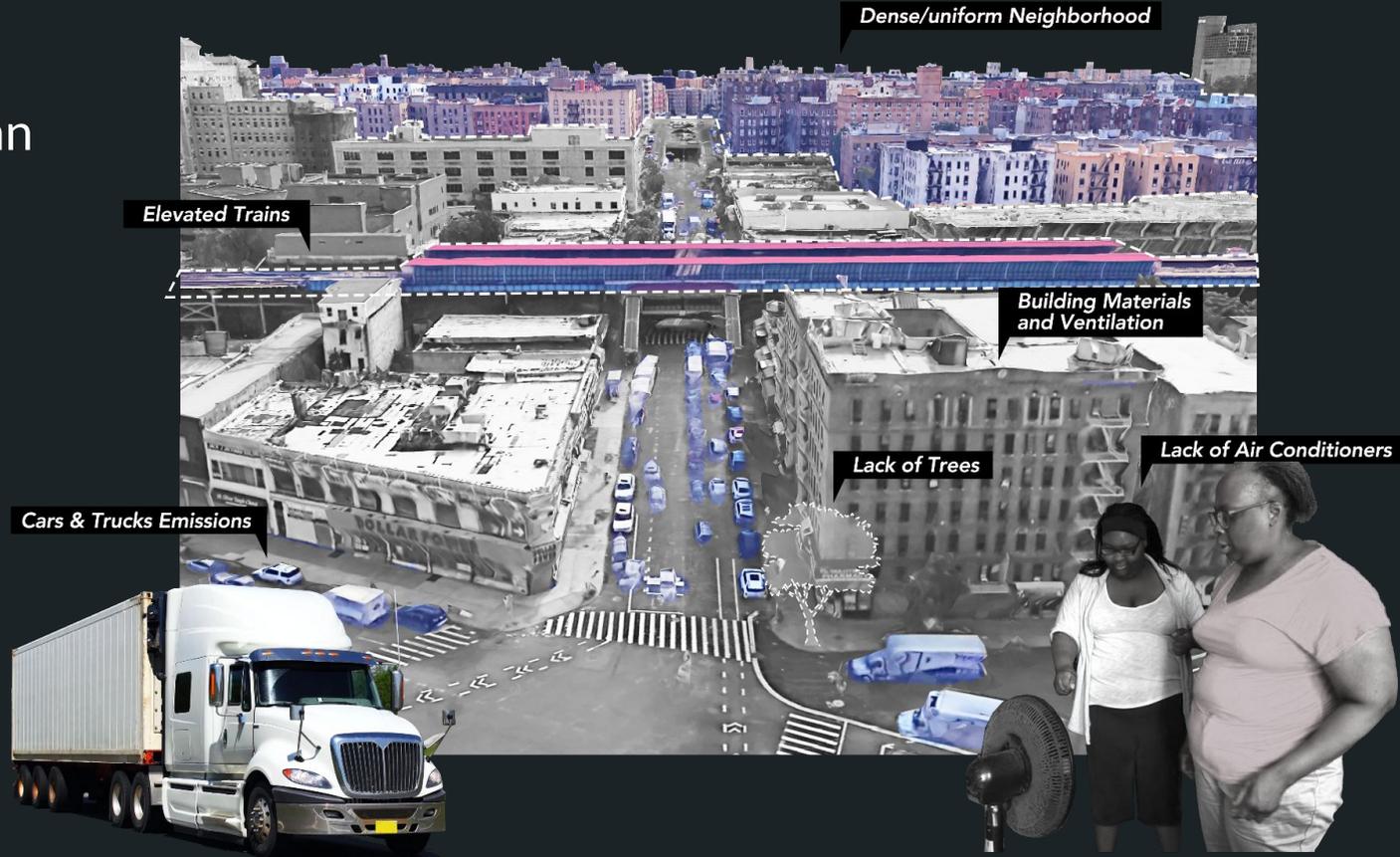
URBAN HEAT IN **THE FLATS**

Presented By Jonathan Marty, Rozette Adriano de Castro, Rongxin Tang, and Georgia Grzywacz

DISCUSSION QUESTIONS:

How do these vulnerabilities exacerbate the urban heat island effect?

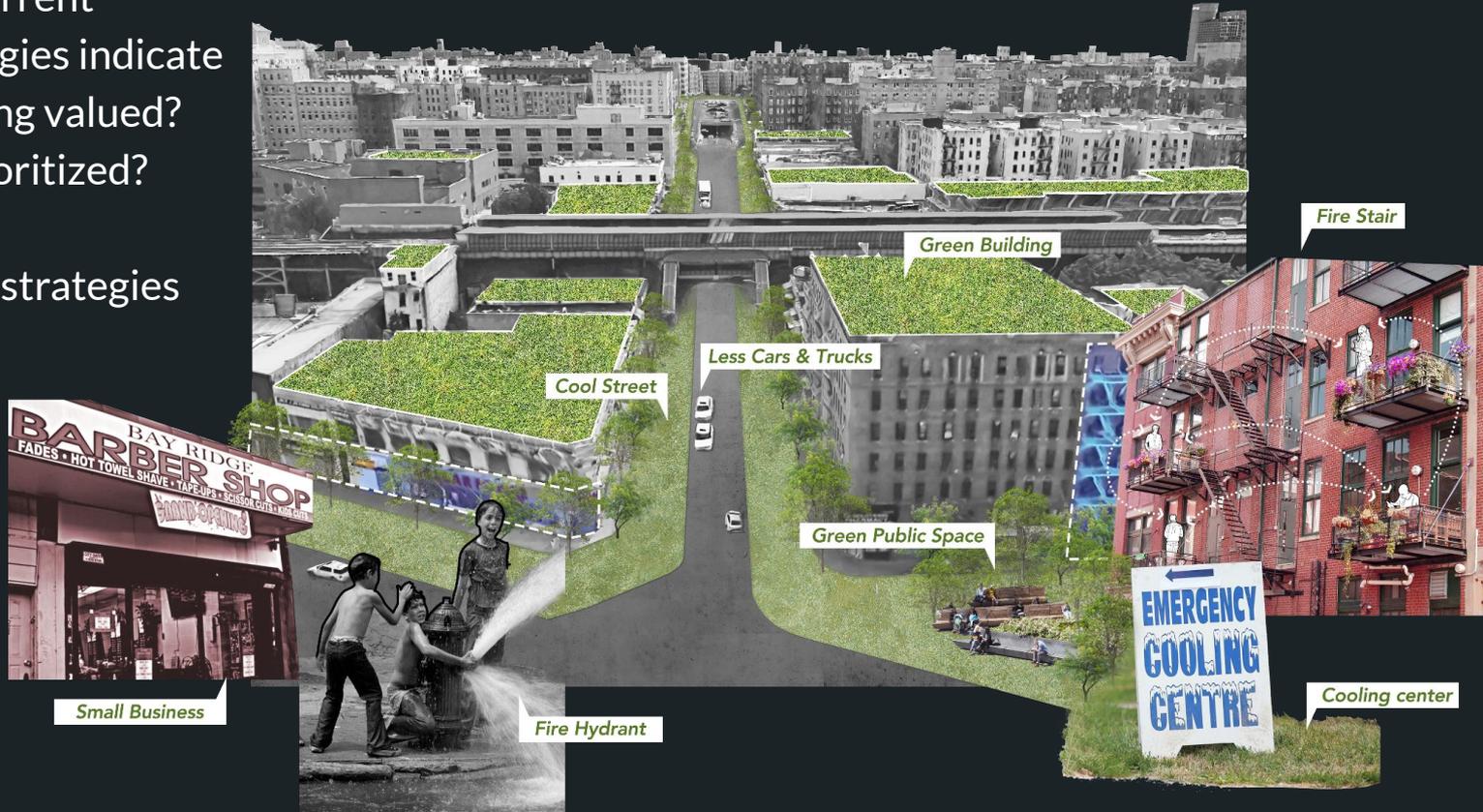
What other vulnerabilities are there that we didn't address?



DISCUSSION QUESTION:

What do these current adaptation strategies indicate about what is being valued? What is being prioritized?

What adaptation strategies did we miss?





Flash Flooding in The Hills

Maya Dutta, Victoria Lin, Lucy Nicholson,
Jiabao Sun, and Jiayi Zhao

WHAT IS EXACERBATING FLASH FLOODING?

INCREASED RAINFALL

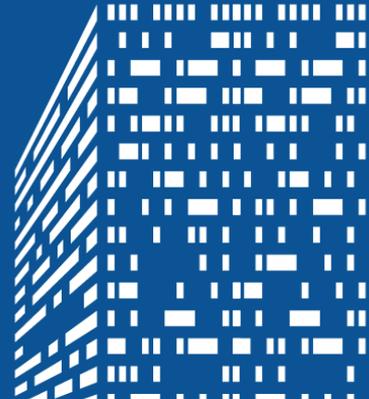
Climate change is increasing the amount and frequency of heavy rainfall events in NYC.

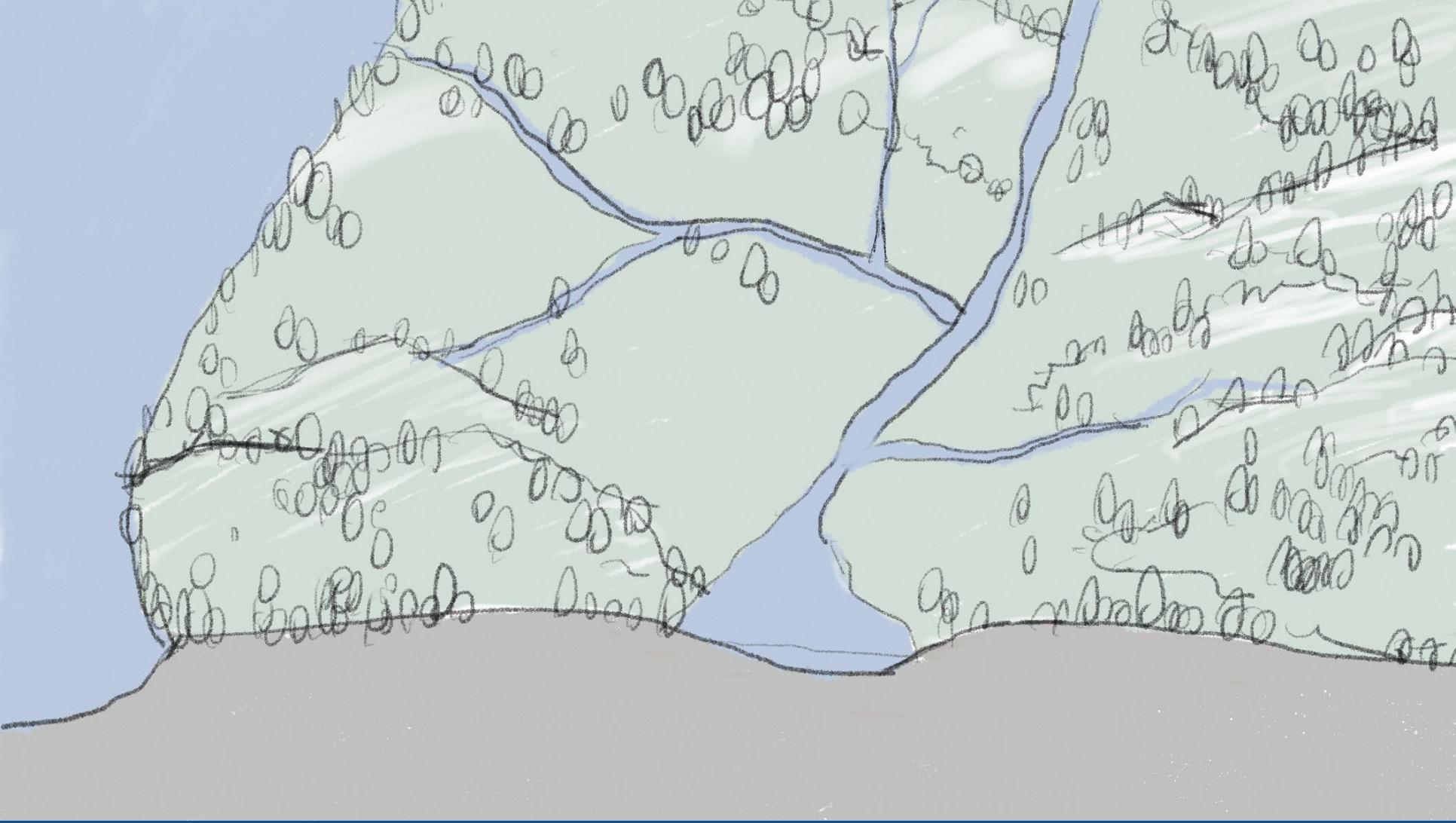
IMPERVIOUS SURFACE

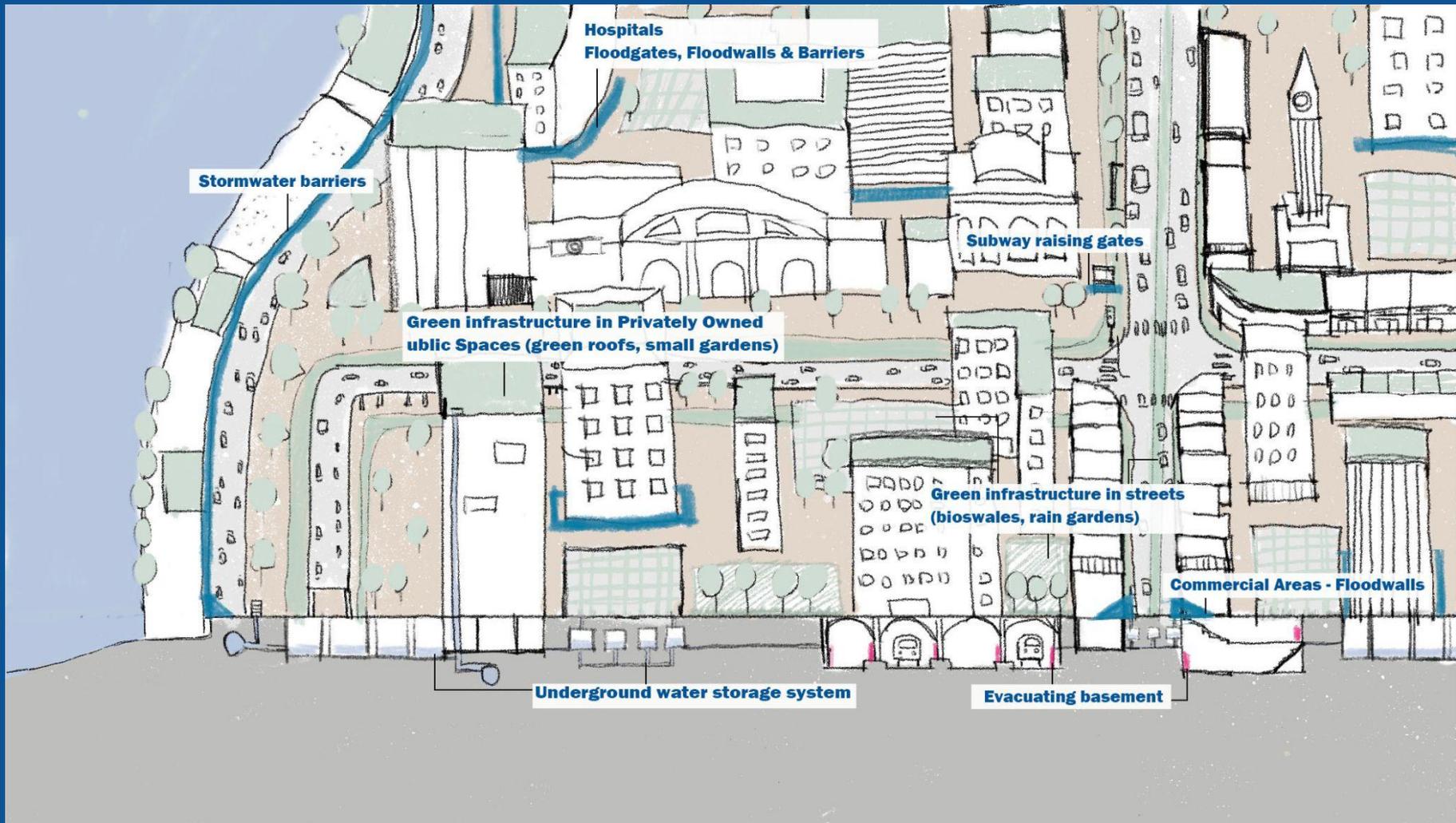
Concrete and asphalt that covers our city cannot absorb rainfall.

POOR INFRASTRUCTURE

Infrastructure is not engineered to handle massive rainfalls for extended periods of time.









The Heights

A REFLECTION ON OUR
SEMESTER TOGETHER

Present Day: The 2000's



Hazard model

