

BEYOND THE BARRIER

the **resilience** of connecting **people** to **place**

Eric Resnick, Assoc. AIA

M.ARCH, M.H.P.

University of Maryland



A RESILIENT FRAMEWORK FOR URBANIZED COASTAL COMMUNITIES

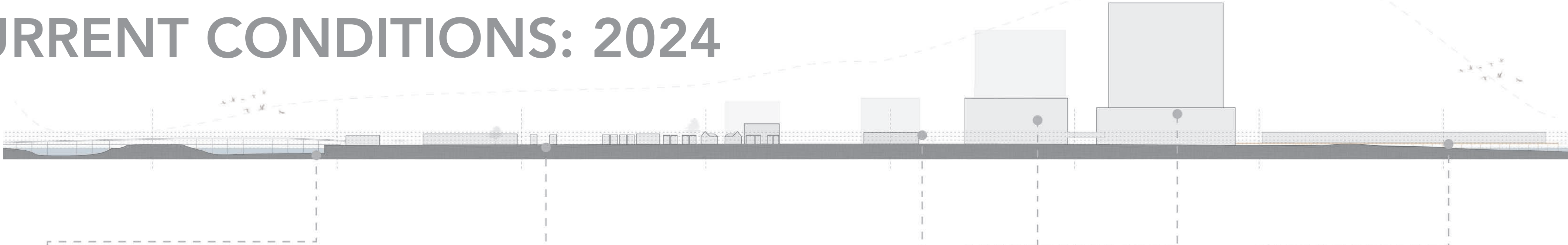


PRESERVATION | ADAPTATION | COMMUNITY PARTICIPATION & SUPPORT | RESEARCH



CASE STUDY
ATLANTIC CITY, NJ

CURRENT CONDITIONS: 2024



BACK BAY EDGE



RESIDENT ISOLATION



DOWNTOWN BLIGHT



CASINO EDGE



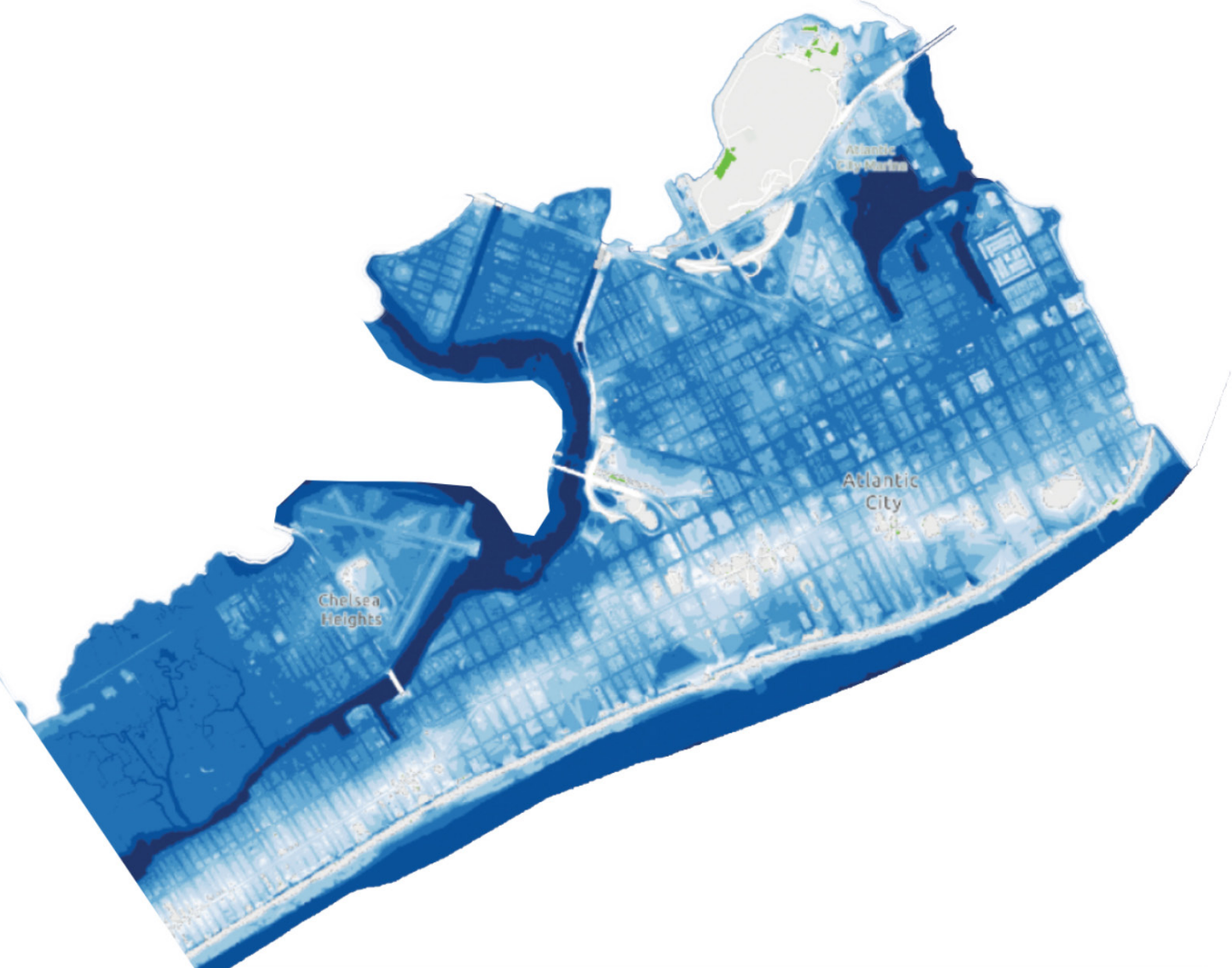
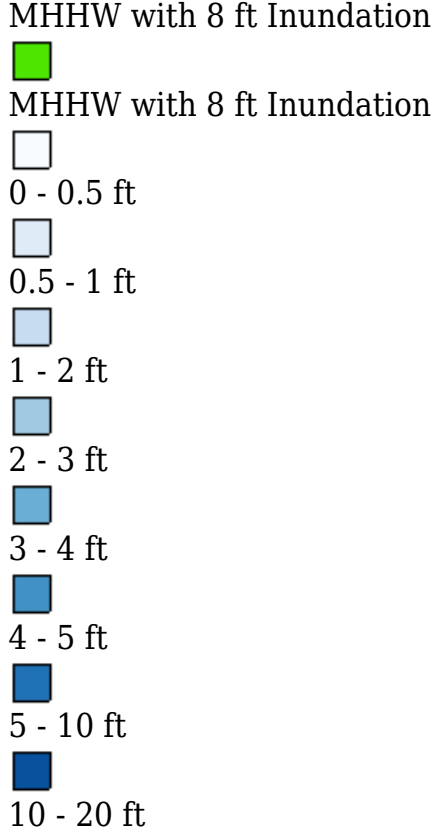
BARRIERS TO ACCESS



separation of people and place

PROJECTED THREAT: 2100

3' SLR + 5' SURGE
 = 8' TOTAL WATER LEVEL
 = **90% INUNDATION**



RESEARCH THEMES

An aerial architectural rendering of a coastal city. The scene shows a dense urban area with various building blocks, streets, and green spaces. A large body of water is visible on the right side, with a pier or breakwater extending into it. The overall style is a clean, white-on-white architectural visualization with some light blue and green accents for water and vegetation.

1. WHAT IS THE RELATIONSHIP BETWEEN **HISTORIC PRESERVATION** + **COASTAL RESILIENCE**?

2. HOW CAN **SPATIAL+SOCIAL HISTORY** INFORM THE **ADAPTATION** OF HISTORIC COASTAL CITIES?

3. WHAT ARE THE ELEMENTS OF A **PRESERVATION** BASED **RESILIENT FRAMEWORK**?

RESEARCH THEMES

An aerial architectural rendering of a coastal city. The scene shows a dense urban area with various building footprints and structures, situated along a waterfront. The water is a light blue, and the sky is a pale, hazy blue. The overall style is clean and modern, typical of architectural visualization.

1. WHAT IS THE RELATIONSHIP BETWEEN HISTORIC PRESERVATION + COASTAL RESILIENCE?

protect the identity, history, and culture of people and place



PROTECT COMMUNITY IDENTITY



PROTECT CULTURAL TRADITIONS



PROTECT (historic/significant) RESOURCES



**PROTECT ECOLOGICAL
(and cultural) LANDSCAPES**

(resilient) HISTORIC PRECEDENTS



1874 - David J Kennedy

Bird's Eye View of Chelsea,
Atlantic City, N. J.

**(resilient) HISTORIC
PRECEDENTS**



RESEARCH THEMES



1. WHAT IS THE RELATIONSHIP BETWEEN **HISTORIC PRESERVATION** + **COASTAL RESILIENCE**?

protect the identity, history, and culture of people and place

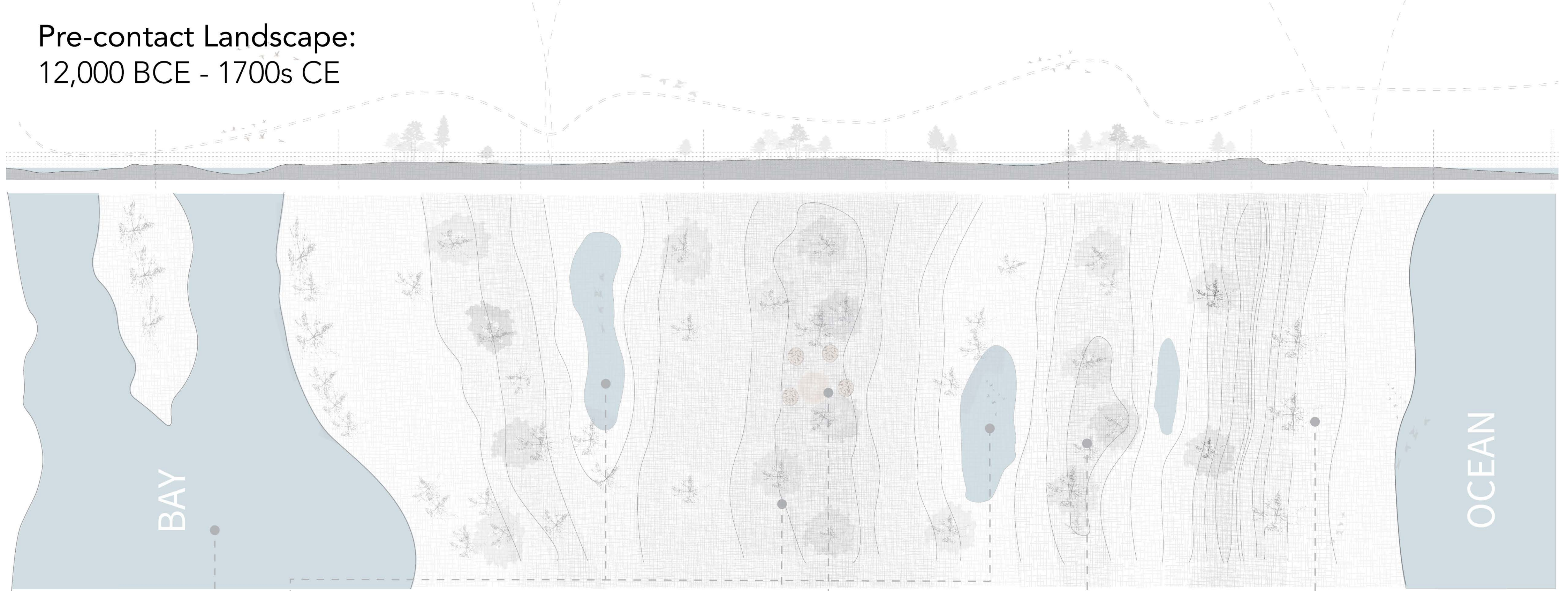
2. HOW CAN **SPATIAL**+**SOCIAL HISTORY** INFORM
THE **ADAPTATION** OF HISTORIC COASTAL CITIES?

pre-contact landscape and early development as design precedent



1800s - William Trost Richards

Pre-contact Landscape:
12,000 BCE - 1700s CE



SALT_MARSHES



DUCK_PONDS



FORRESTED_SHRUBS



CAMP_GROUNDS



BRIARS + CEDARS



DUNES + REEDS



Lenni Lenape fishing grounds

Victorian Era Settlement c. 1850 - 1900



FISHING + REC.



RAIL FROM PHILLY



PERM. RESIDENCE



SEASIDE LODGING



BOARDWALK



a seaside health resort

Civic Expansion c. 1900 - 1950



MONETIZING THE EDGE



LOCAL IDENTITY



DOWNTOWN GROWTH



GRAND HOTELS

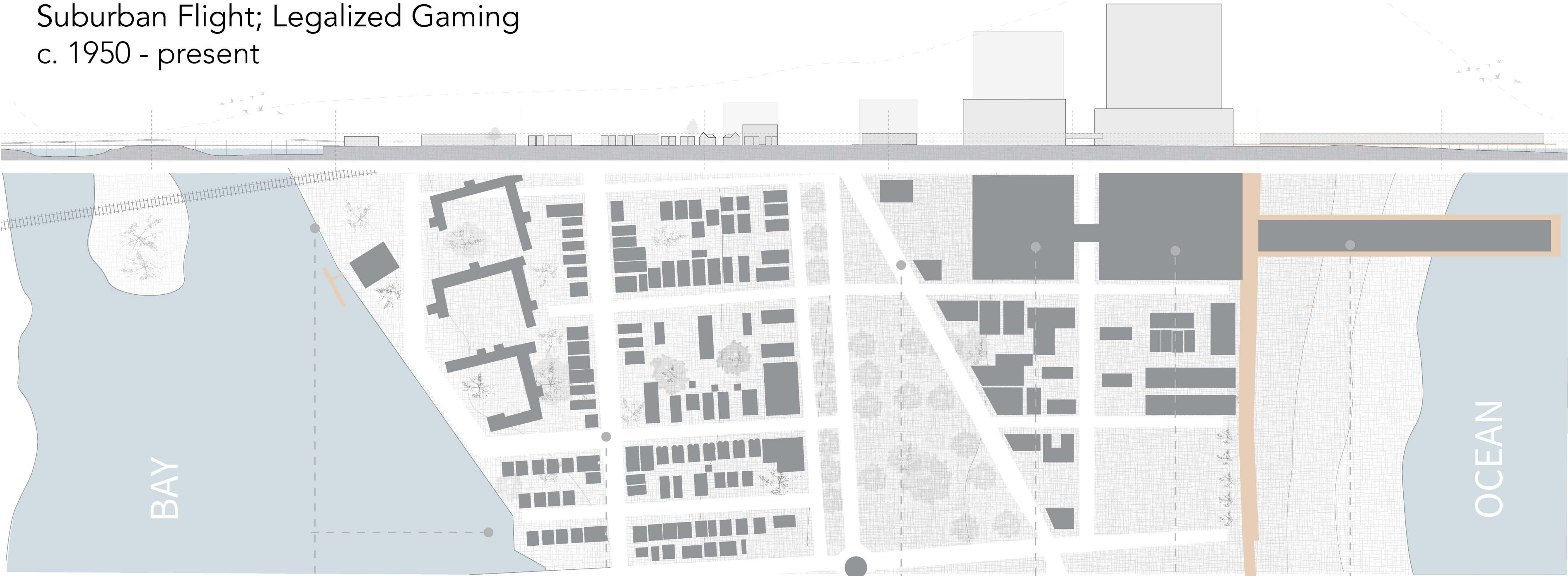


EXTENSION OF CITY



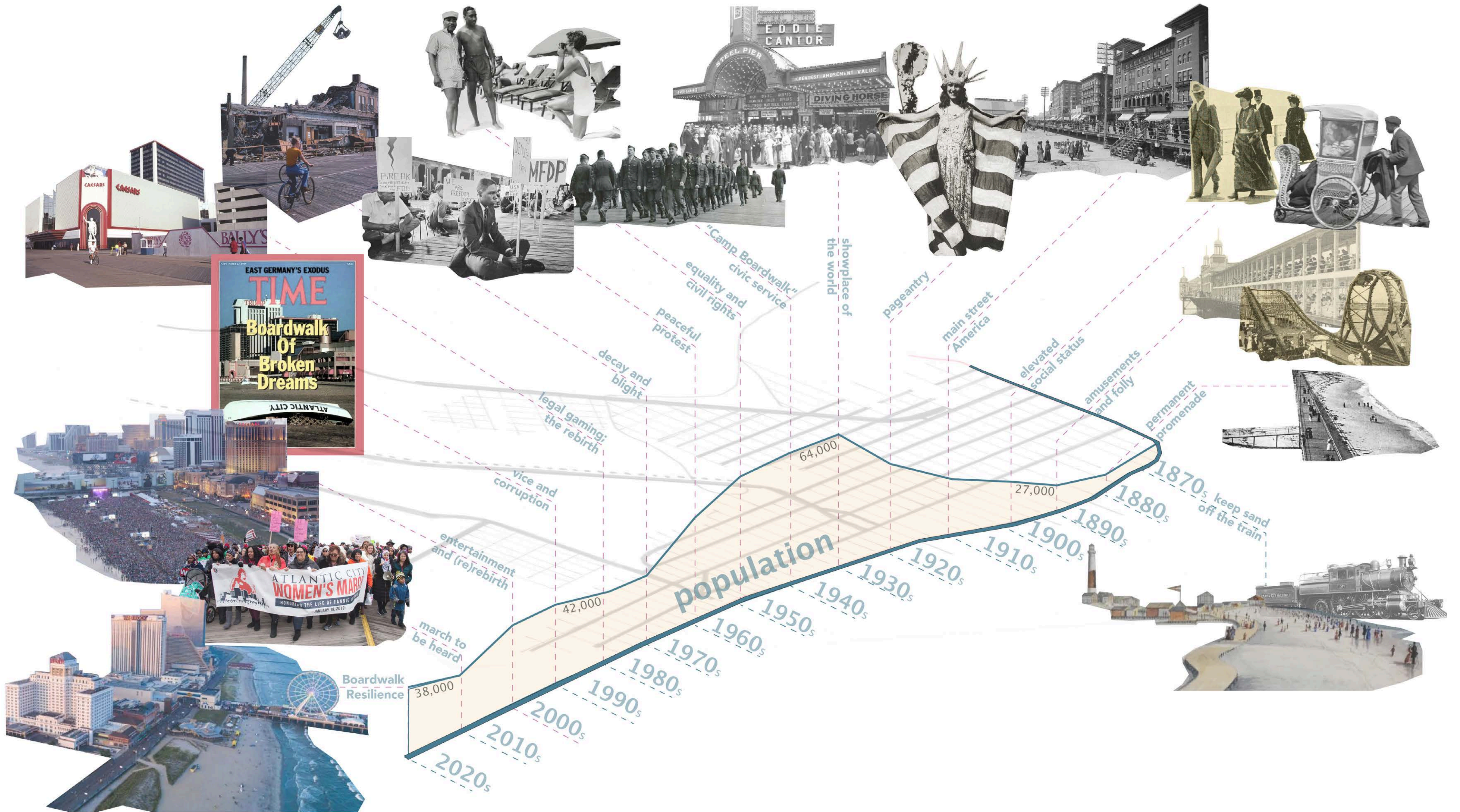
"America's Playground"

Suburban Flight; Legalized Gaming
c. 1950 - present

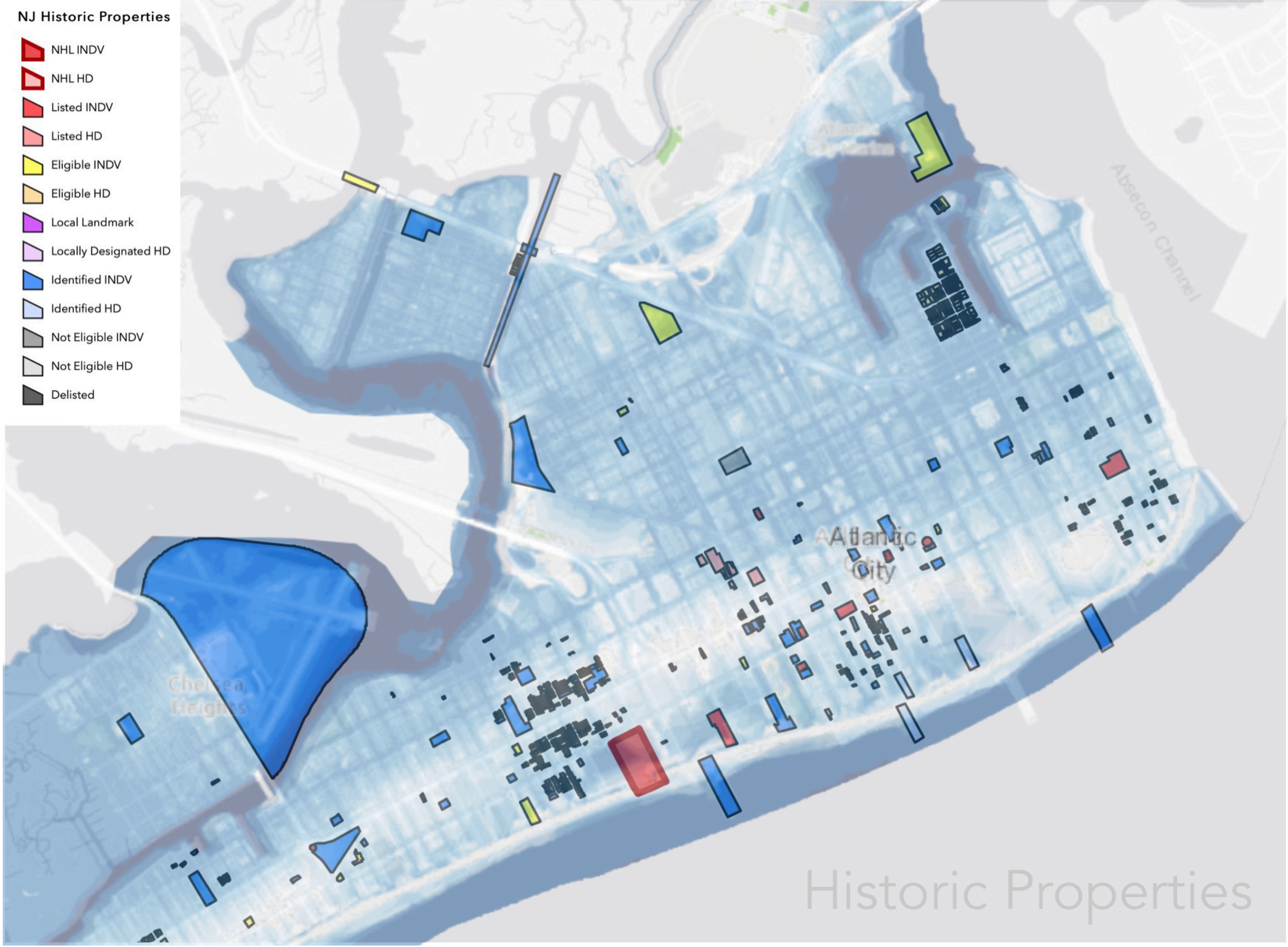


separation of people and place

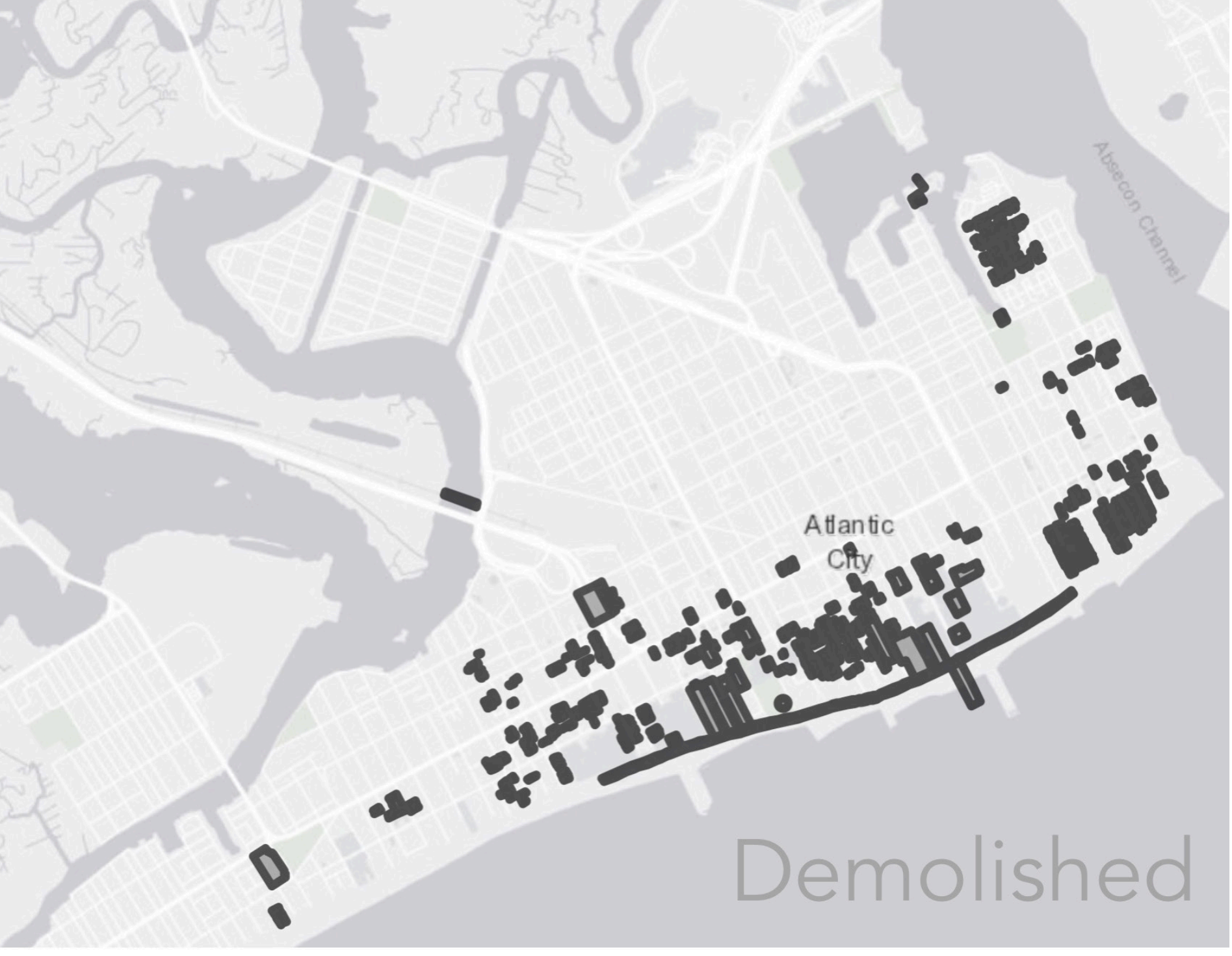
THE WORLD'S FIRST BOARDWALK



THREAT TO HISTORIC PROPERTIES



Listing	Existent	Demolished
National Register of Historic Places (NR)	7	4
National Historic Landmark (NHL)	1	
NR Historic District	1	
NR Historic District (contributing resource)	6	
Eligible NR Historic District	5	
Eligible Individual	10	2
Identified Individual	410	650



FINDINGS

RESILIENT STRATEGIES **CAN** BENEFIT FROM **HISTORIC PRESERVATION PRACTICE** IF:

1. historic **resources** and landscapes are leveraged as **resilient assets**
2. **cultural and historic identities** are **protected** to maintain a sense of place, stewardship, and pride
3. **facilities adapted** to strengthen socioeconomic networks, education, and disaster response
4. **expedited National/State Historic Register designation** for resources deemed resilient/vital to community recovery

RESEARCH THEMES

1. WHAT IS THE RELATIONSHIP BETWEEN **HISTORIC PRESERVATION** + **COASTAL RESILIENCE**?

protect the identity, history, and culture of people and place

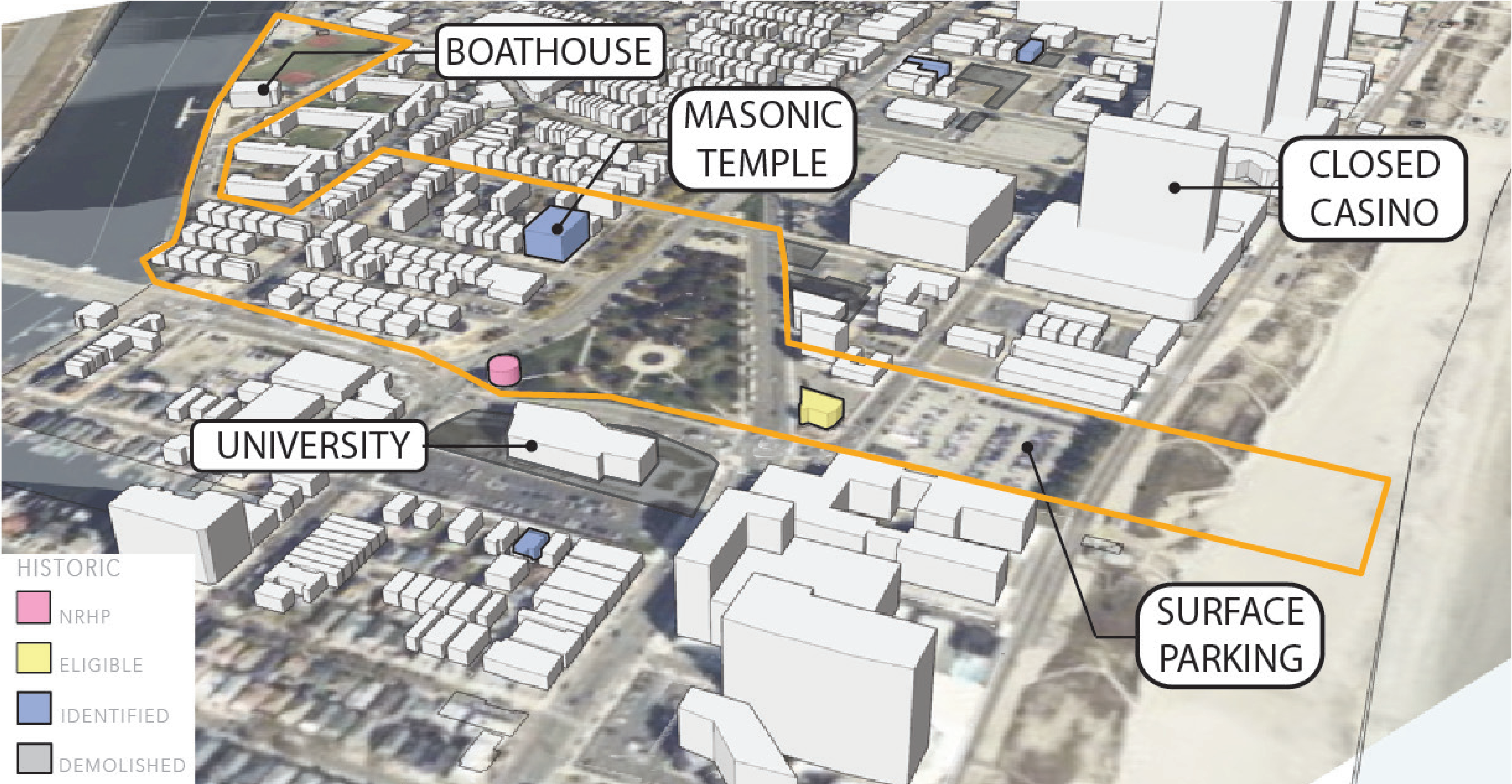
2. HOW CAN **SPATIAL+SOCIAL HISTORY** INFORM THE **ADAPTATION** OF HISTORIC COASTAL CITIES?

pre-contact landscape and early development as design precedent

3. WHAT ARE THE ELEMENTS OF A **PRESERVATION**
BASED **RESILIENT FRAMEWORK**?

preservation, adaptation, community participation & support, research

STUDY SITE - CHELSEA NEIGHBORHOOD



ABSTRACTING THE BOARDWALK

adapting the world's first Boardwalk for sea level rise

ECOLOGICAL: modular and adaptable

INFRASTRUCTURAL: a more resilient neighborhood



RAISED: platform for discovery



A RESILIENT FRAMEWORK FOR URBANIZED COASTAL COMMUNITIES



1 BAY + RESIDENTIAL

2 CIVIC CORE

3 BEACH + BREAKWATERS

vented sills

shared street

Community Center

amphitheater + storm basin

art + history along Boardwalk

expansion of resilient corridor

vacant resort = new housing

Discovery Center

oyster breakwaters

fishing

learning pavilion

PRESERVATION | ADAPTATION | COMMUNITY PARTICIPATION & SUPPORT | RESEARCH



NO BALL PLAYING

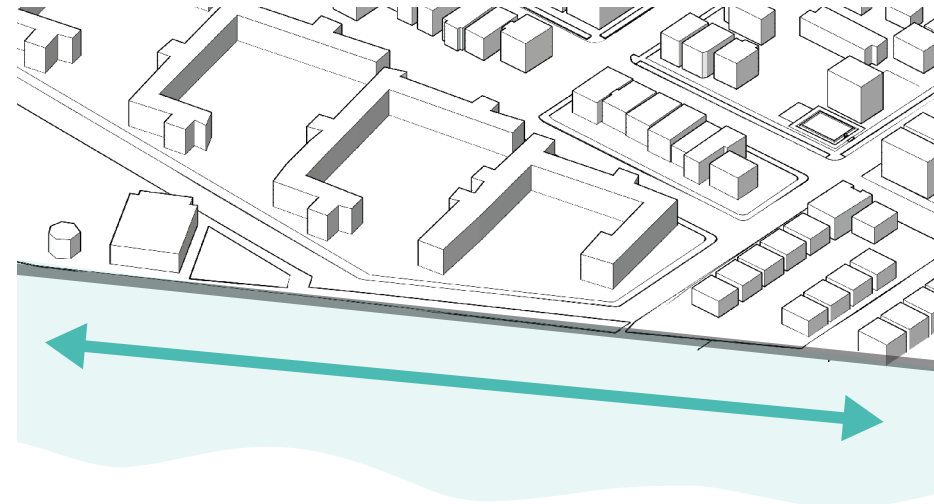
NO LITTERING
STAY OFF THE GRASS

1

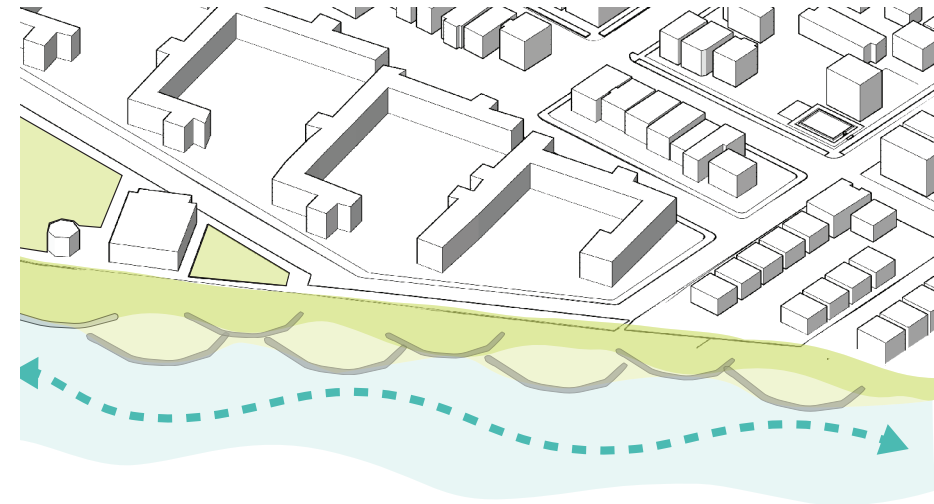
LIFE BY THE BAY

protecting and preserving community identity

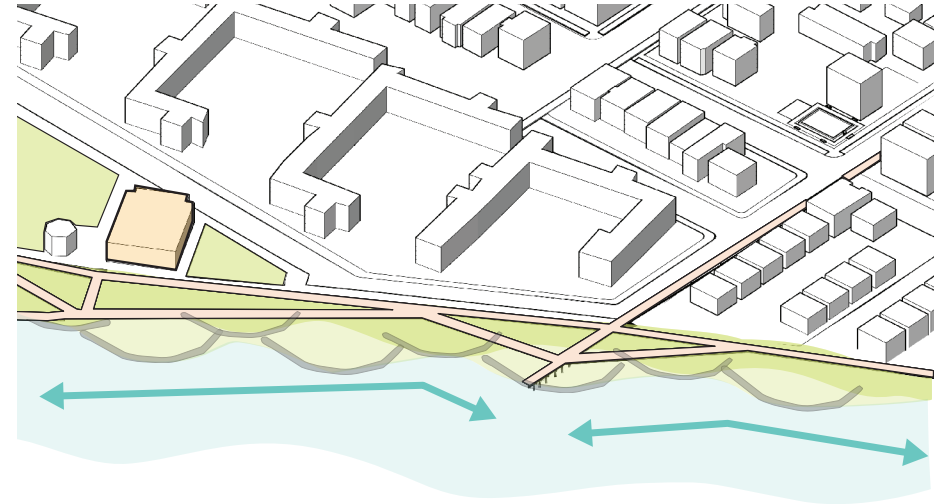
IDENTIFY POST-INDUSTRIAL BAY EDGE



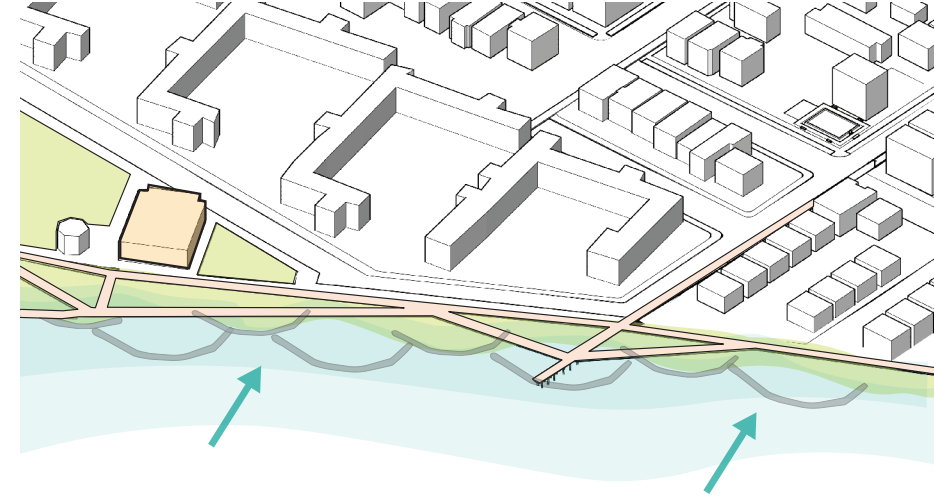
TERRACE + SOFTEN SHORELINE



INTEGRATE BOARDWALK W. NEW HABITAT



CONNECT + PROTECT NEIGHBORHOOD





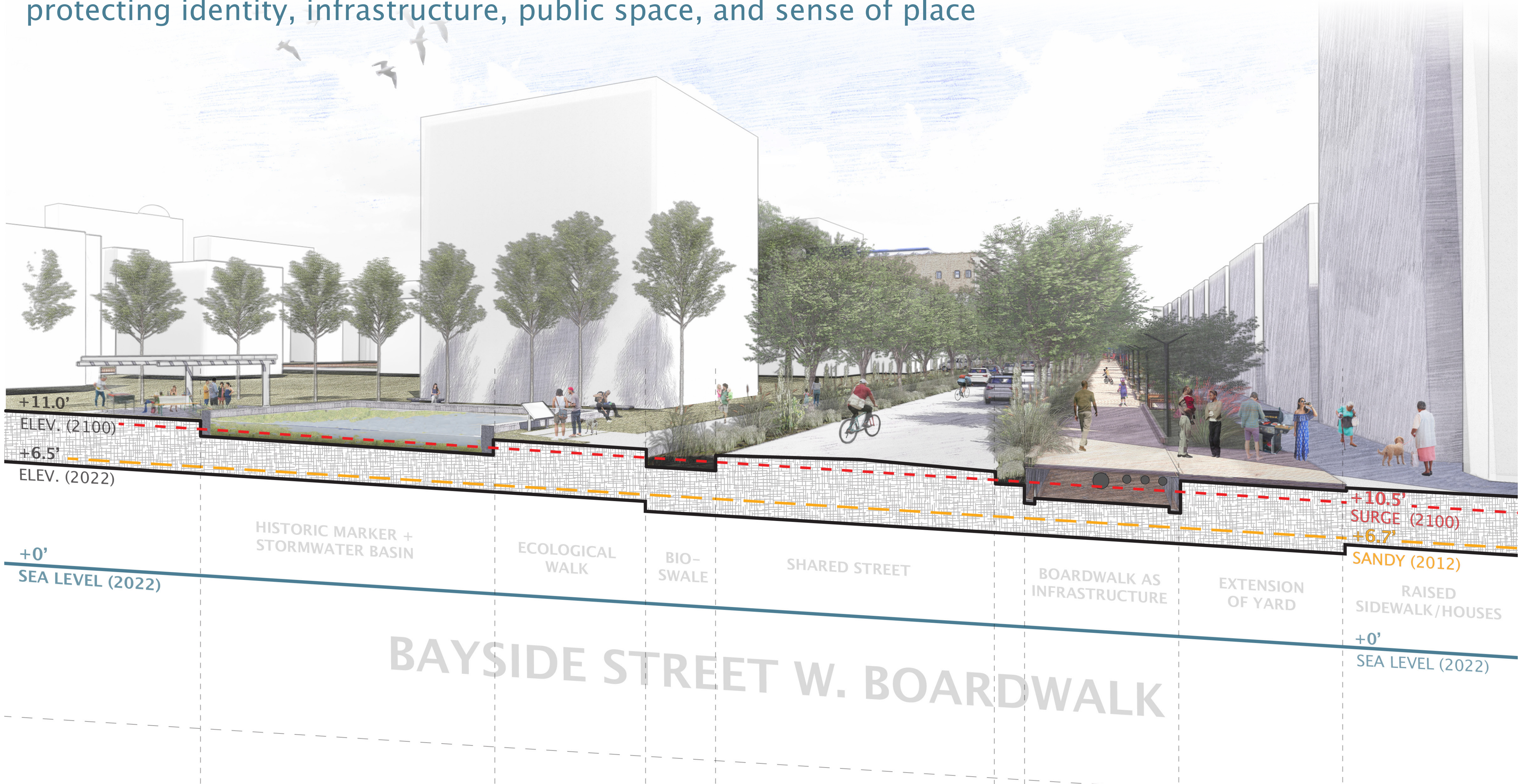


NO BALL PLAYING
BY ORDER OF
TWP. CLERK

HAMILTON, NJ
New Jersey
F57 HSL
Garden State

THE RESILIENT NEIGHBORHOOD

protecting identity, infrastructure, public space, and sense of place



BAYSIDE STREET W. BOARDWALK

STOOP CULTURE

fostering neighborhood diversity through interaction + safer streets





VANTAGE
REAL ESTATE SERVICES
VantageRES.com
AVAILABLE
856.797.1919
Lior Alan Aran Corinne
Herta Susman Ploshansky Giletto

VANTAGE
REAL ESTATE SERVICES
VantageRES.com
AVAILABLE
856.797.1919
Lior Alan Aran Corinne
Herta Susman Ploshansky Giletto

DO NOT
ENTER

DO NOT
ENTER

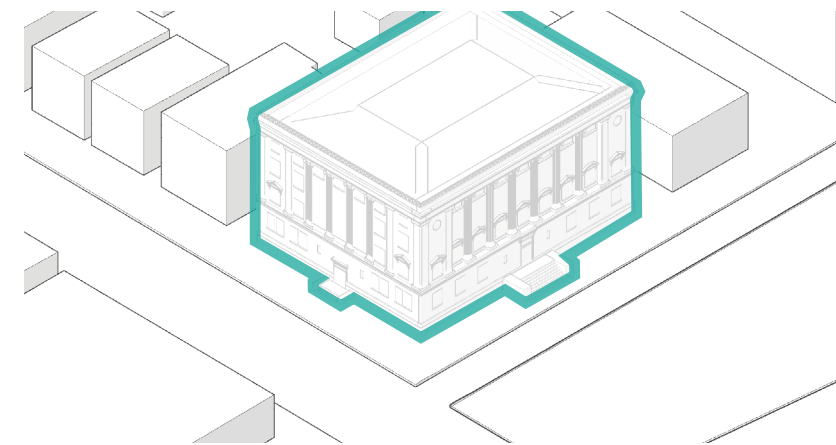
ONE WAY

2

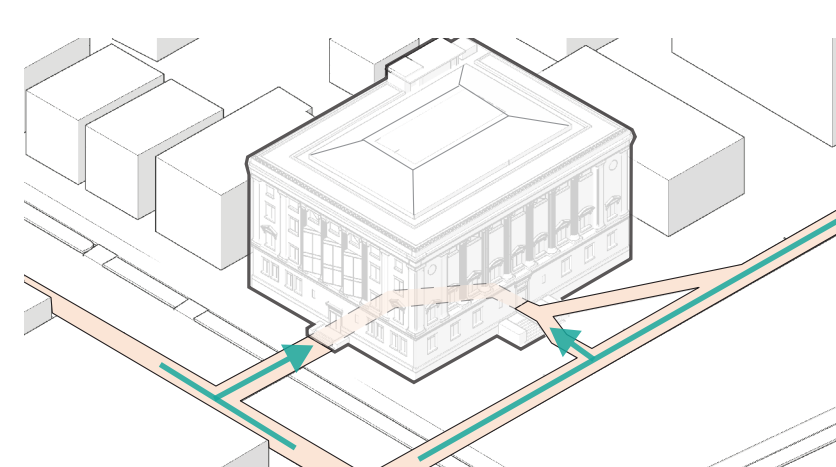
(re)CLAIMED CIVIC CORE

the reuse of historic resources for participation and growth

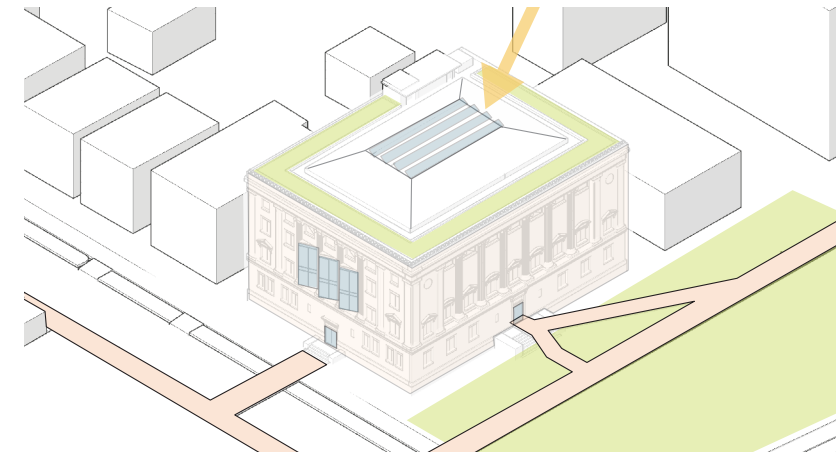
IDENTIFY UNDERUTILIZED BUILDING



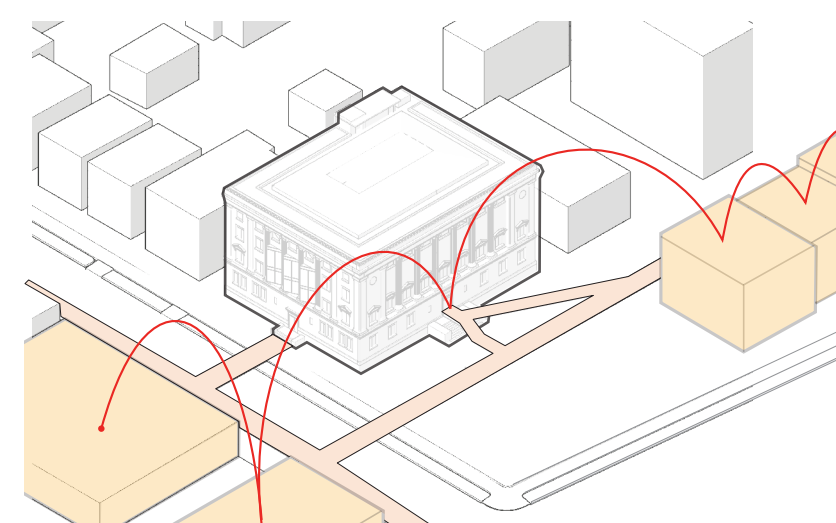
INTEGRATE BOARDWALK, BLDG, NEIGHBORHOOD



PLATFORM FOR ENTREPRENEURSHIP



CATALYZE RESPONSIBLE GROWTH



CHELSEA CULTURAL CENTER

rehabilitation of an abandoned Masonic Temple as a hub for socioeconomic growth and community support; spaces for business incubation, creation, and emergency aid



GREEN INFRASTRUCTURE

stormwater landscapes

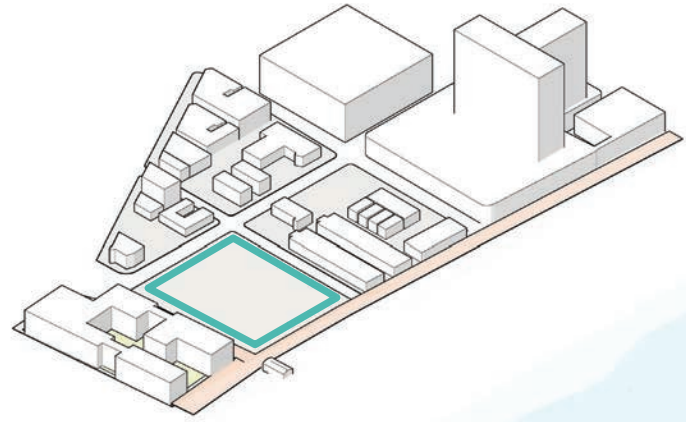




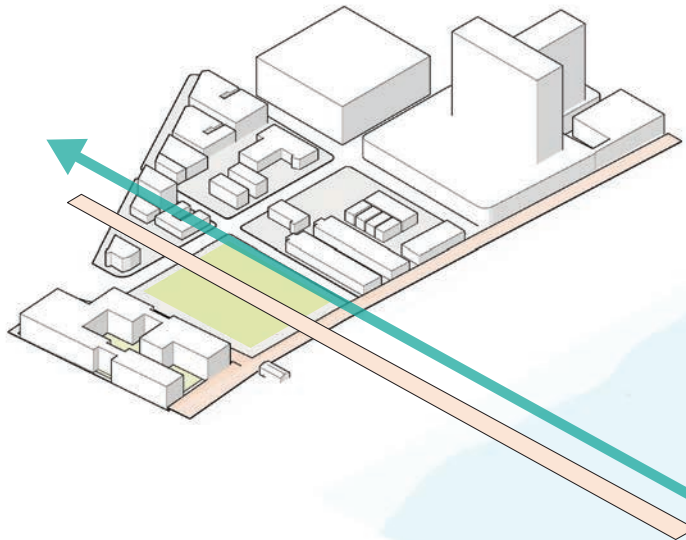
3

A BETTER BEACH charting responsible growth for urban coastlines

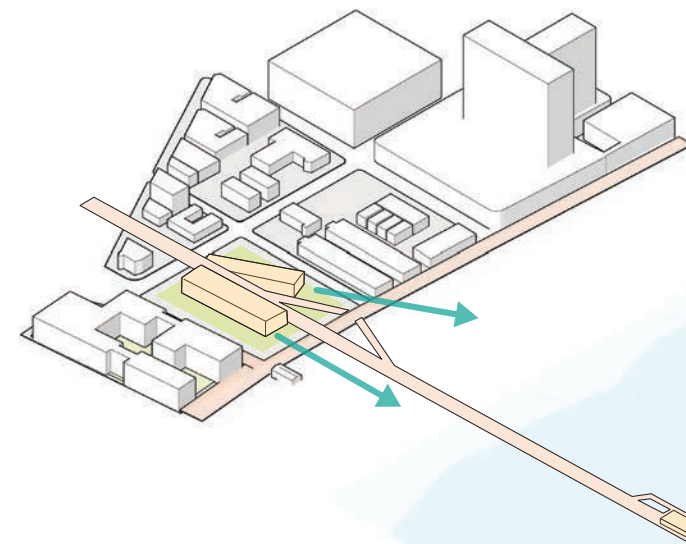
IDENTIFY VACANT LOT



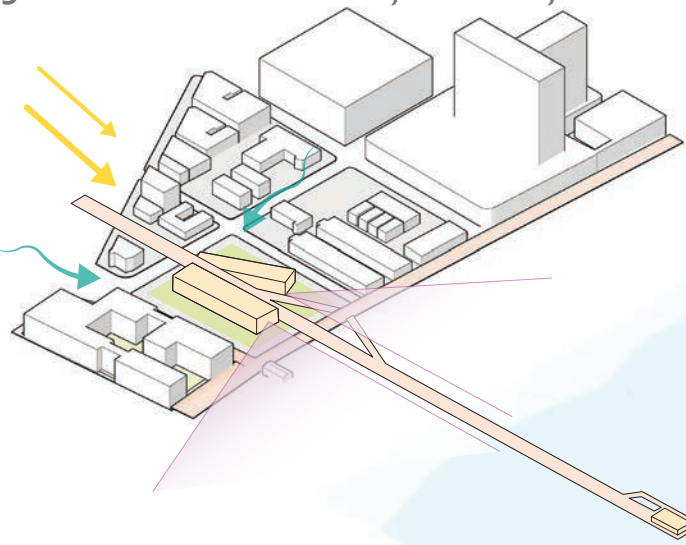
STITCH BOARDWALK INTO CITY



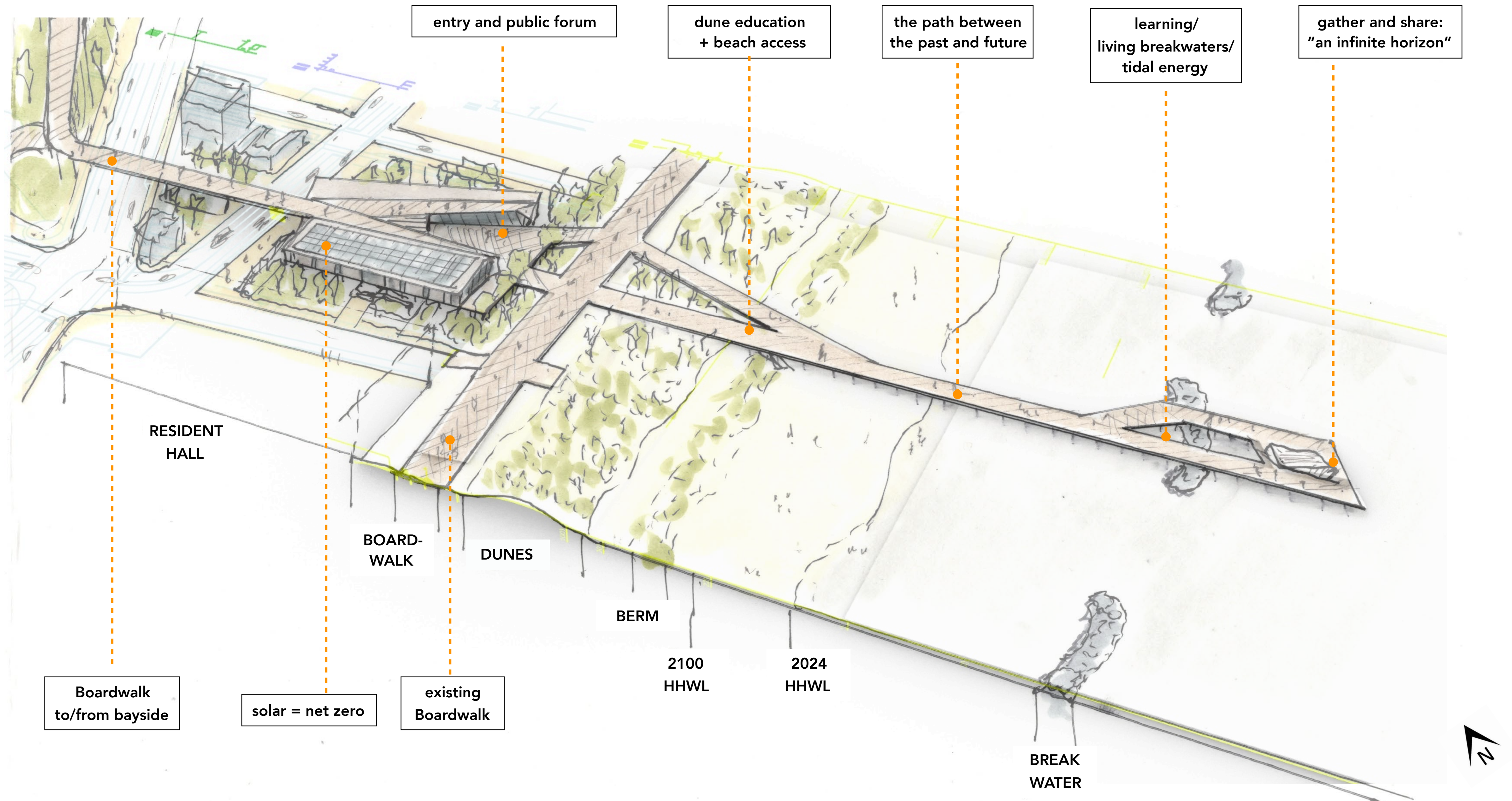
INTEGRATE BOARDWALK, BLDG, TOPO



ADJUST FOR SOLAR, WIND, VIEWS



COASTAL RESILIENCE DISCOVERY CENTER



COASTAL RESILIENCE DISCOVERY CENTER

a forum for coastal research and learning, establishing precedents for responsible growth in urbanized coastal environments; bridging tourism with community



BEYOND THE BARRIER

the resilience of connecting people to place

PRESERVATION
+
ADAPTATION
+
SUPPORT
+
PARTICIPATION
+
RESEARCH



BEYOND THE BARRIER

the resilience of connecting people to place

PRESERVATION
+
ADAPTATION
+
SUPPORT
+
PARTICIPATION
+
RESEARCH

Eric Resnick, Assoc. AIA

Personal: EricJResnick@gmail.com

Work: EResnick@pagethink.com

LINK TO THESIS:

<http://hdl.handle.net/1903/28834>

