TOWN HALL AND WORKSHOP

New York City Economic Development Corporation

Bush Terminal/MiNY – Pier 6
Sunset Park, Brooklyn, NY

February 12, 2024

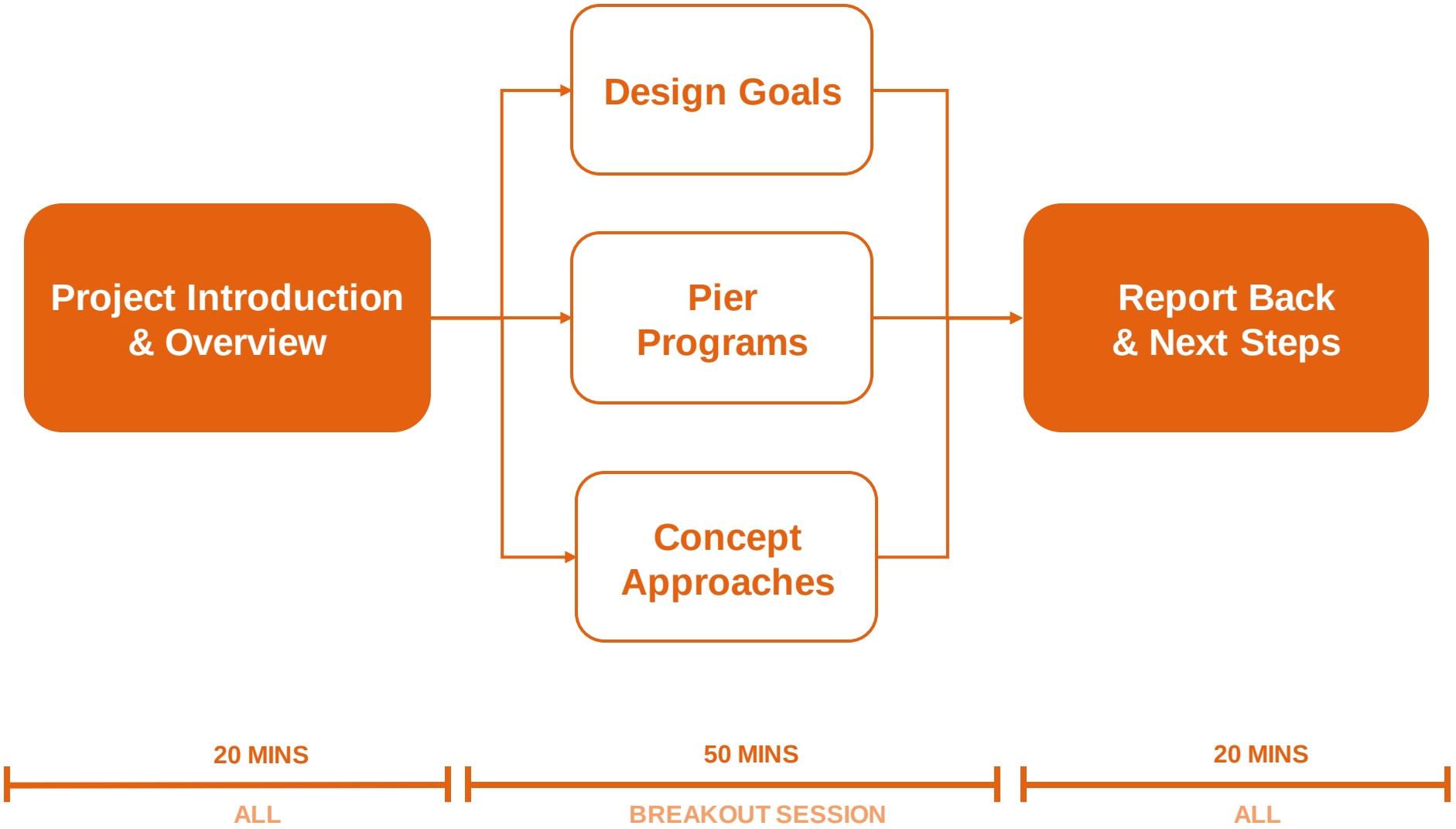
NYC EDC ARCADIS SCAPE

Who is the Project Team?

The **New York City Economic Development Corporation (NYCEDC)** is leading the Bush Terminal – Pier 6 project alongside an interdisciplinary team of experts.

Led by the Dutch engineering firm, **Arcadis,** the project team includes **Matrix New World, SCAPE Landscape Architecture, Sam Schwartz Engineering** for engineering & design, **Johnson & Asberry** for community outreach, and **JK Muir** for sustainability.

Meeting Format



Meeting Goals

Project Introduction & Overview

INTRODUCE PROJECT
Share project overview, existing site conditions, project scope, schedule, engagement process and design goals.

Design Goals

RECEIVE FEEDBACK ON DESIGN GOALS
Which of the goals resonate most with you? Are there other goals we should consider?

Concept Approaches

SHARE & WORKSHOP CONCEPTUAL APPROACHES
Discuss and workshop pier programming. What are your preferences for program mix, scale, feel? What are the trade-offs?

Next Steps

NEXT STEPS & CONTINUED ENGAGEMENT
Share out next steps for the pier design, share the exit survey and details on future engagement opportunities.

Agenda

Introduction

Site Overview

Project Goals

Concept Approaches

Breakout Session

Report-out & Next Steps

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Introduction

What is the Pier 6 Project?

Pier 6 is a 5-acre filled pier (*it's solid ground!*) adjacent to the in-construction Made in New York (MiNY) Campus. The pier is not publicly accessible and is used currently for construction staging and parking.

NYCEDC plans to stabilize and redesign Pier 6 to serve as a public open space for Sunset Park residents, visitors, and MiNY Campus workers.

There is approximately $25 million available for the project.

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Why?

A site with a rich and active industrial history, the Pier 6 project is an opportunity to provide new waterfront public open space for the neighborhood.

Why Now?

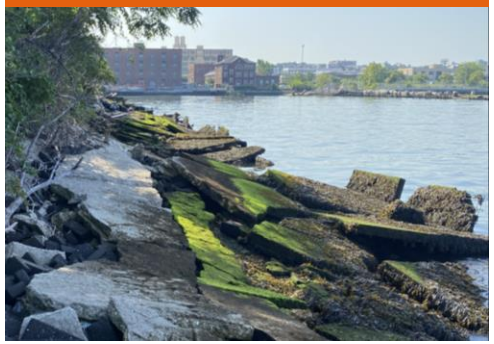

MiNY campus will begin operations this year
If the pier is not stabilized, it will continue to erode and the opportunity to create accessible open space will be lost

Considerations

~ $25M Budget

shared between…

Stabilization



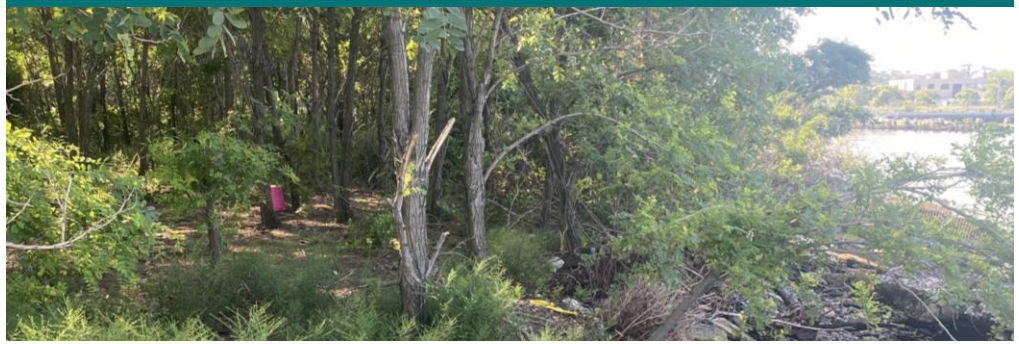
Public Realm

Existing Conditions & Pier Jurisdiction

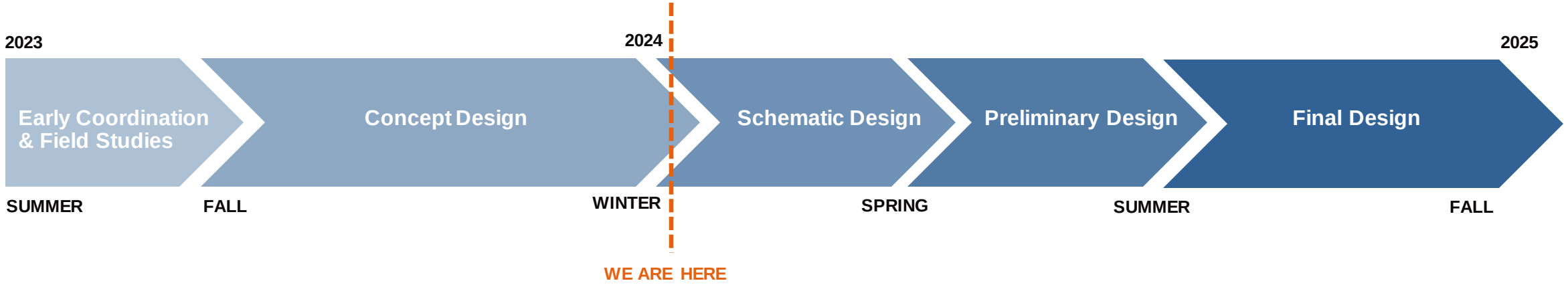
Existing Conditions

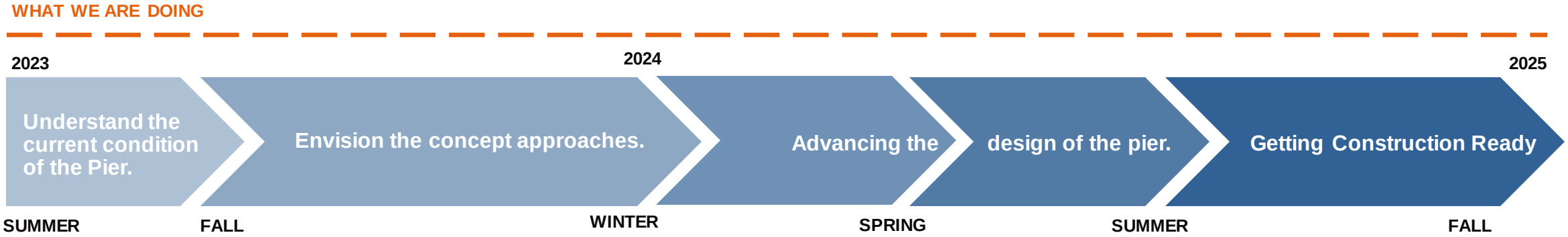
- Native and non-native vegetation supports extensive bird habitat.
- 709 trees with a diameter at breast height (DBH) greater than 1.2 inches.
- 54% of the trees on the pier are non-native species.
- High ground is located along the center of the seaward end.

Preserving Existing Ecologies



We are early in the design process and want to hear your thoughts.





Who We've Spoken With So Far

Any orgs we missed for future engagement opportunities?

Initial Engagement

Local Government

CM Avilés (Dist. 38)
NYS Sen Gounardes
NYS AM Mitaynes
US Rep. Goldman (Dist. 10)

Sunset Park Organizations

Local Businesses

Advocacy Organizations

Site Overview

Land That Was Once Mudflats

MUDFLATS ARE IMPORTANT HABITATS FOR BIRDS AND FISH

1779

Early Settlement

Brooklyn was once home to the Canarsee and Marechkawieck of the Lenape. "Lenapehoking" is the Lenape name for their homeland, spanning from Western Connecticut to Eastern Pennsylvania, and the Hudson Valley to Delaware. The Lenape settled no later than 1,000 years ago and likely much earlier.

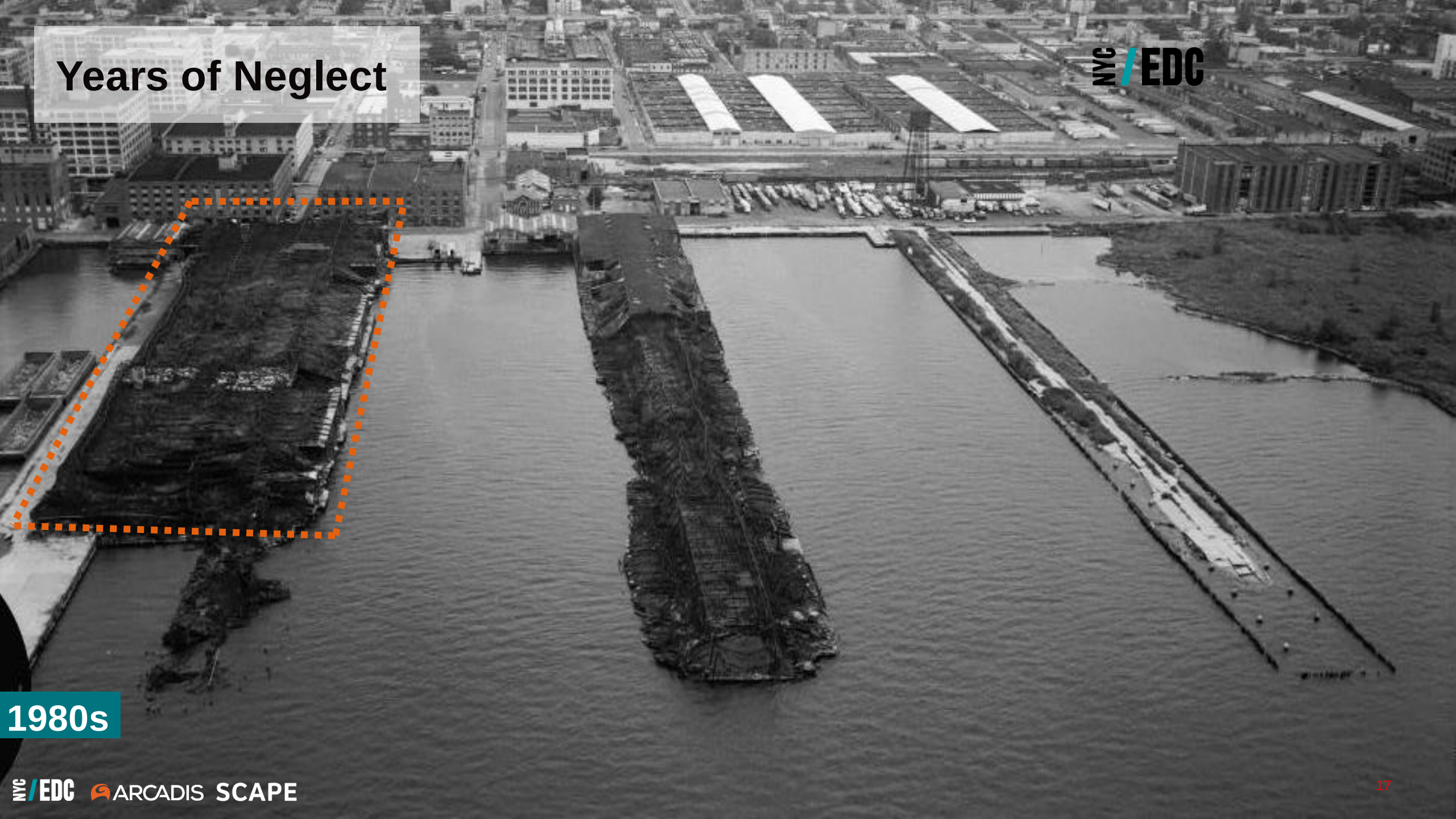
LENAPE MEN PREPARING SOIL FOR CULTIVATION

Prior to Forcible Removal in 1600s

An Industrial Hub

1903

Years of Neglect



1980s

Industrial Remnants

Summer 2023

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Emergent Ecosystems: Self-Seeded Vegetation

Current Condition

Expansive Views of NY Harbor & City

Current Condition

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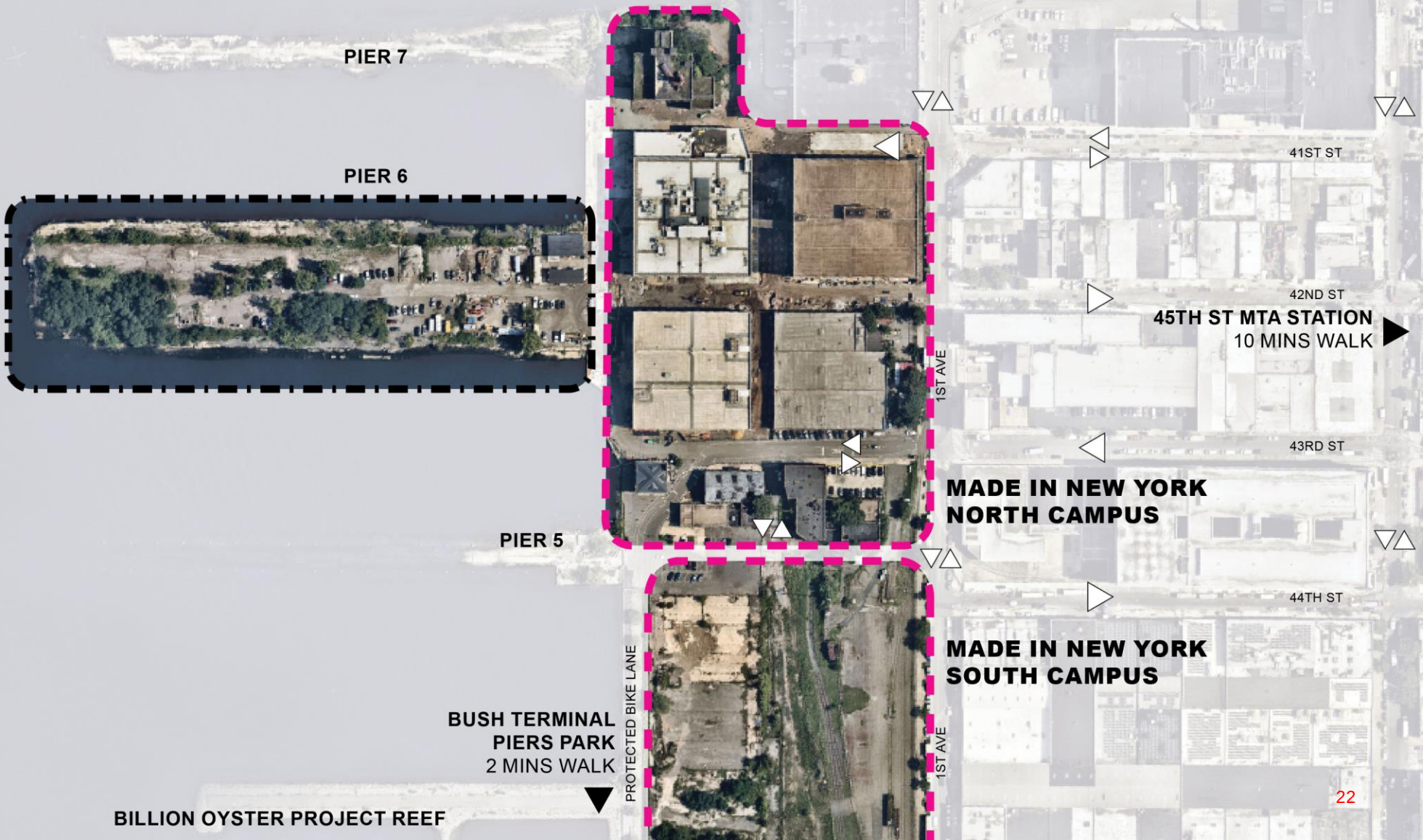
New Campus & Public Space

Pier 6

Opening this Year!

A Newly Connected Waterfront



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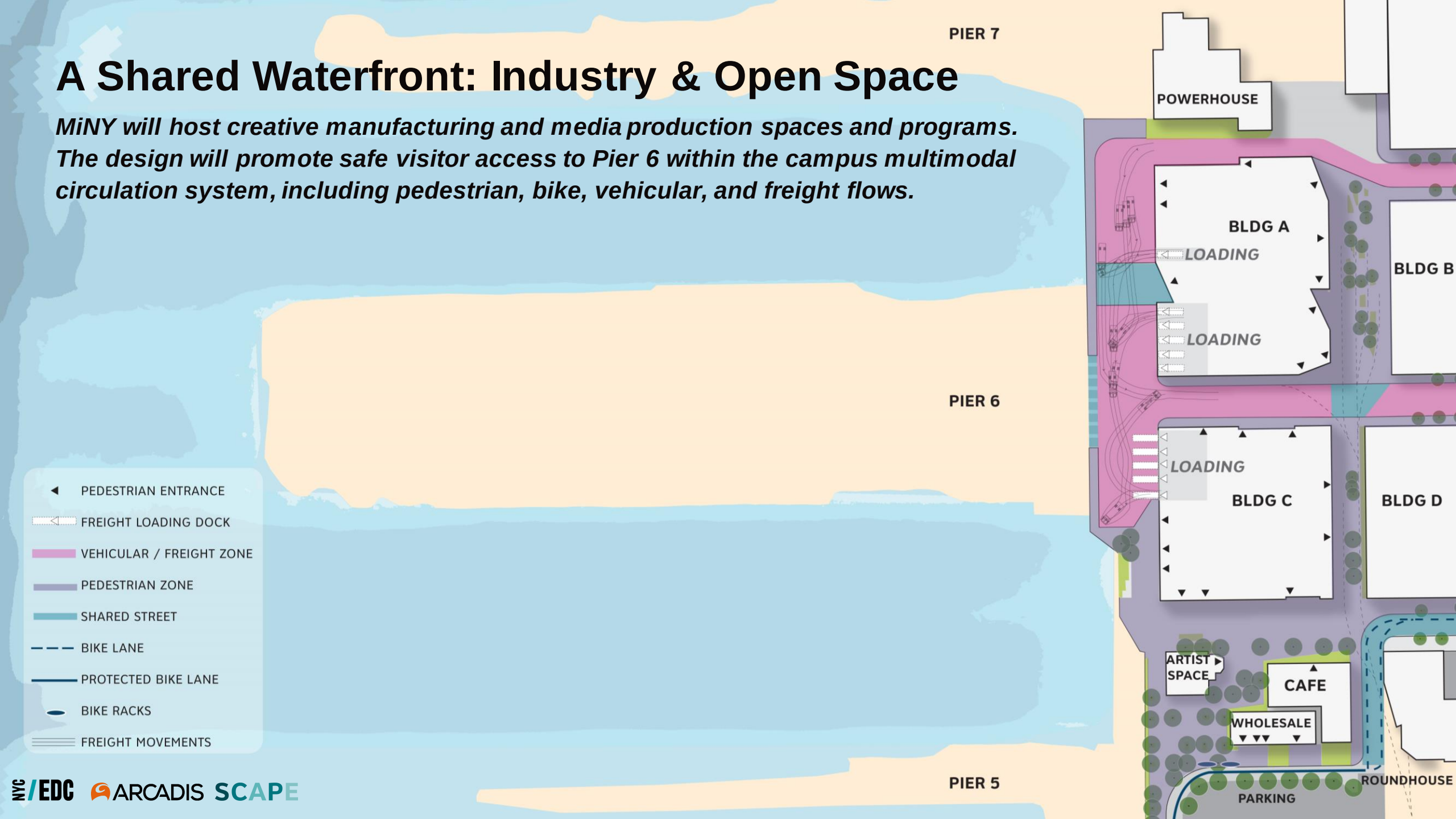
A Shared Waterfront: Industry & Open Space

MiNY will host creative manufacturing and media production spaces and programs. The design will promote safe visitor access to Pier 6 within the campus multimodal circulation system, including pedestrian, bike, vehicular, and freight flows.



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A Vibrant Waterfront

Industry City

Made in New York Campus

Made in New York South Campus

Bush Terminal Park

Brooklyn Army Terminal and Ferry

Pier 6 Project

South Brooklyn Marine Terminal, and Equinor Wind Project

Billion Oyster Project Reef

Waterfront Bike Path

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Diverse Users

MADE IN NEW YORK TENANTS AND VISITORS

ADJACENT INDUSTRY AND BUSINESS WORKERS

INDUSTRY CITY VISITORS

SUNSET PARK RESIDENTS

NEARBY SCHOOL CLASSES

MINY EVENT ATTENDEES

Project Purpose

STABILIZE THE PIER

Prevent further destructive erosion to preserve the pier for future use as open space.

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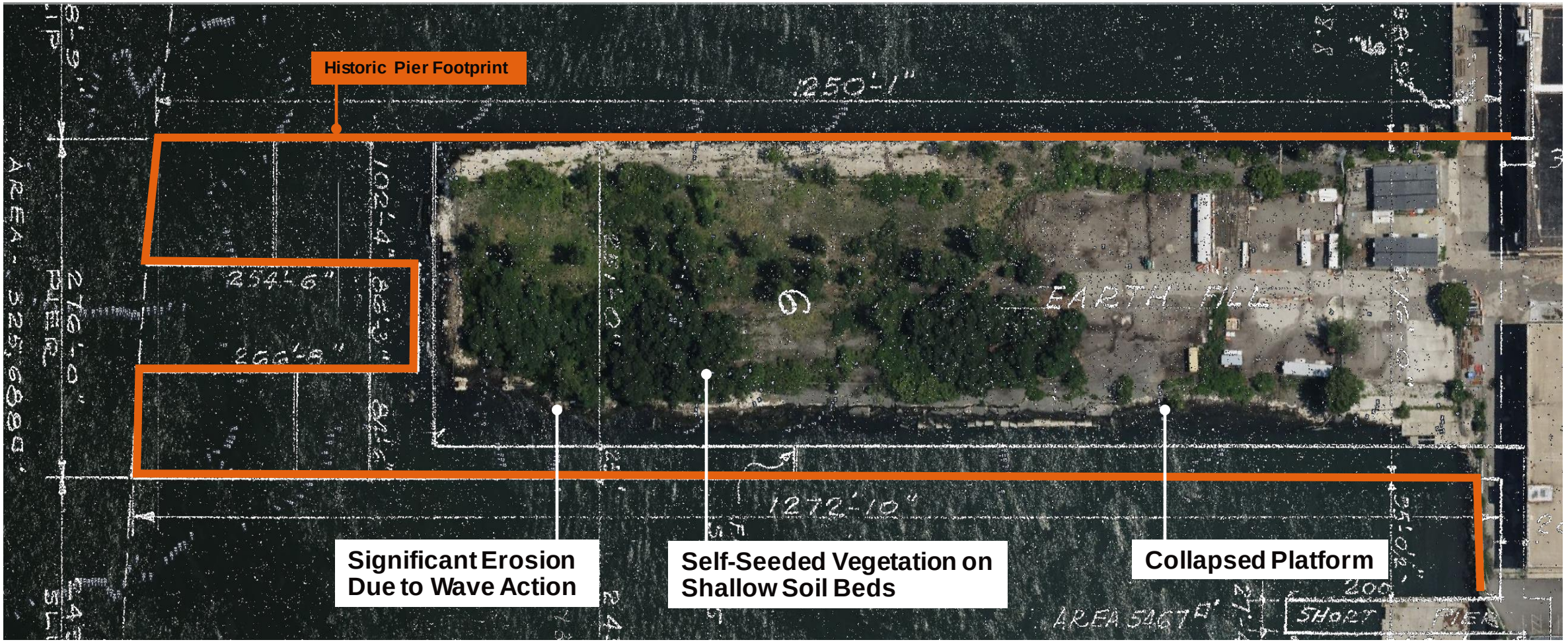
Shaped by Erosion



Collapsing Edges

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Project Goals

SAFE & ACCESSIBLE

Provide a safe and accessible waterfront public space.

East River Waterfront Esplanade

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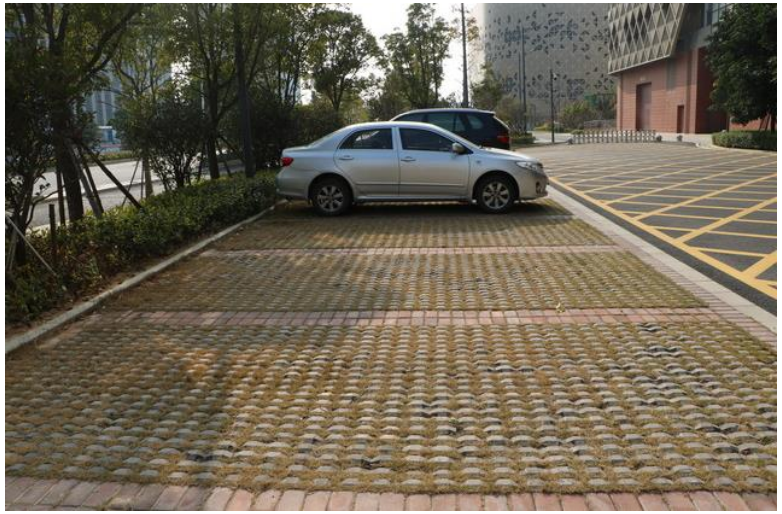
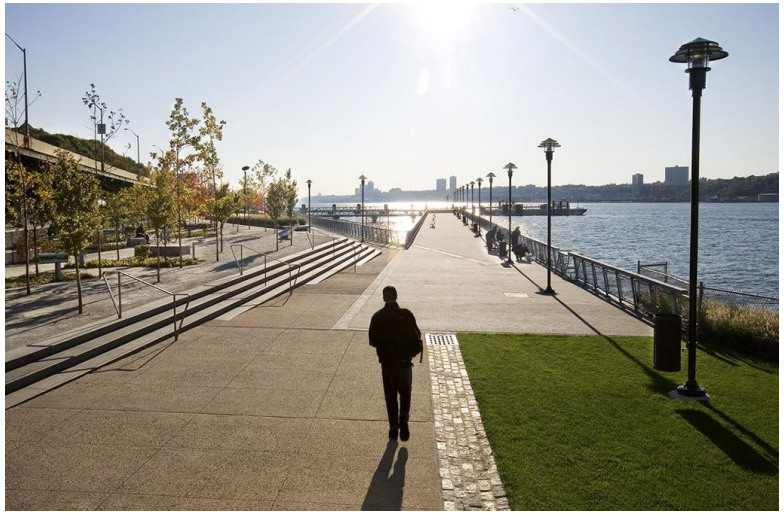
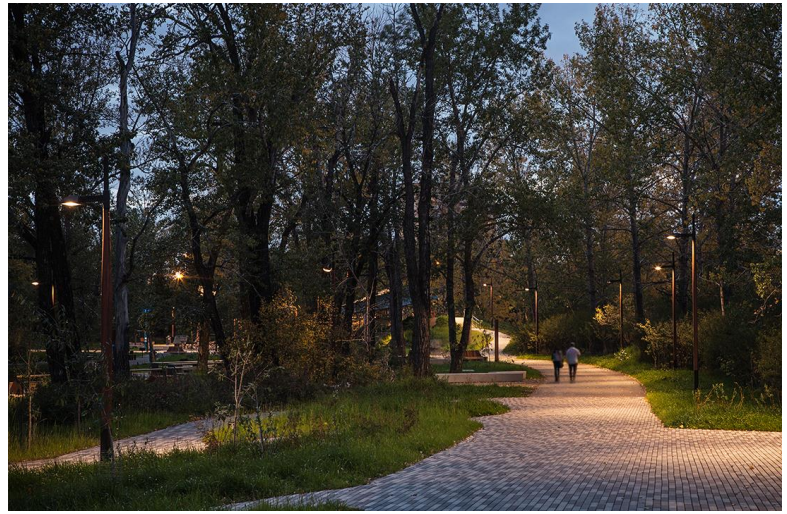
A Place to ARRIVE: Entering Pier 6





A Place to MOVE: Explore Pier 6



ENGAGING & FLEXIBLE

Design engaging and flexible spaces for all and connect people with the harbor.

Tom Lee Park, Memphis

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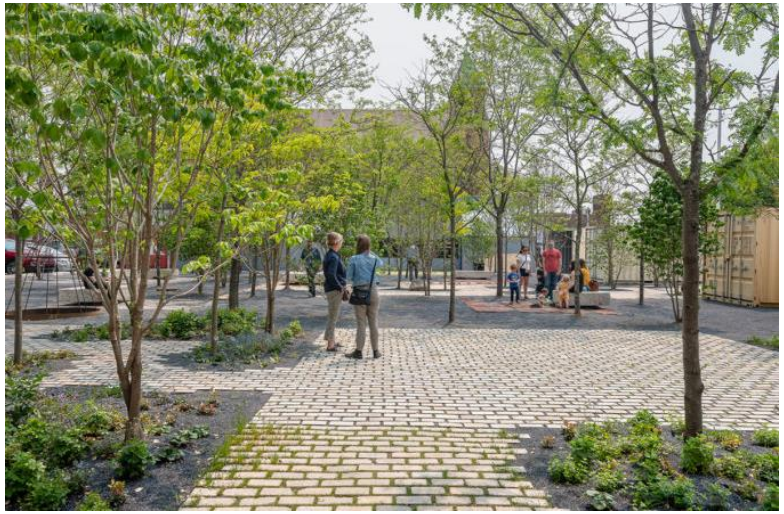
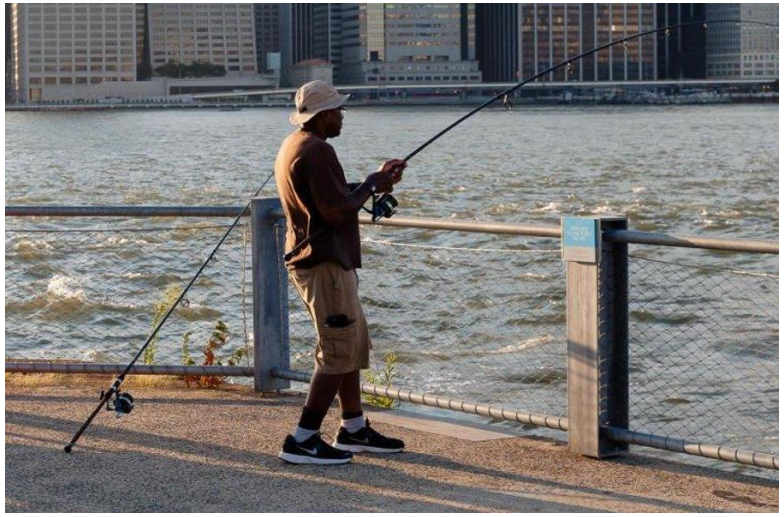
A Place to GATHER: Spaces to Relax and Enjoy



A Place to GATHER: Spaces for Events

A Place to Connect with WATER: Experience the Harbor

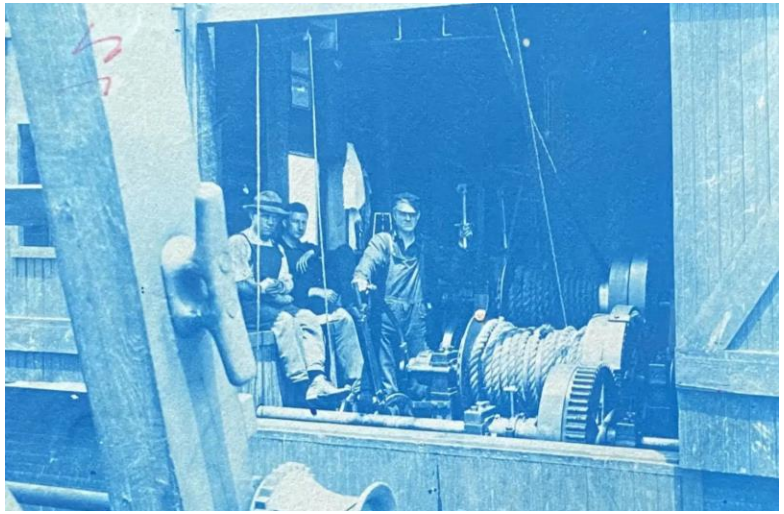


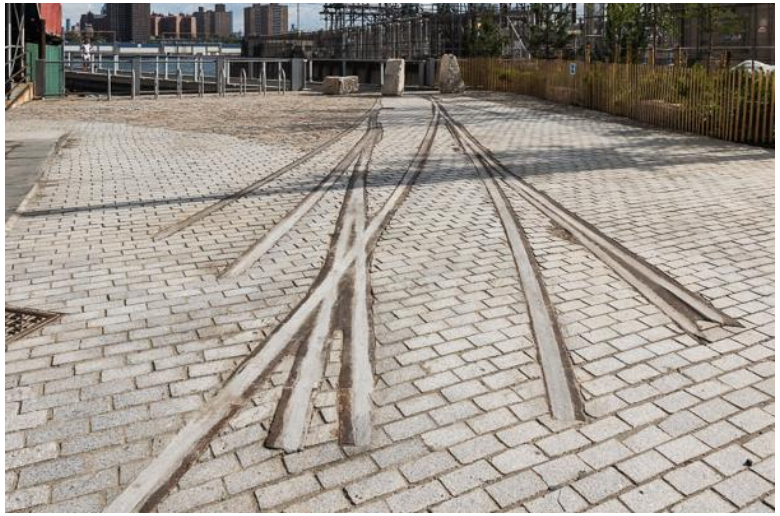
ECOLOGICAL & INDUSTRIAL

Celebrate the pier's rich industrial and ecological history and engage with current harbor ecosystems and industrial activity.

A Place for NATURE: Enhance Habitats & Biodiversity

A Place to CONNECT: Celebrate Industrial History



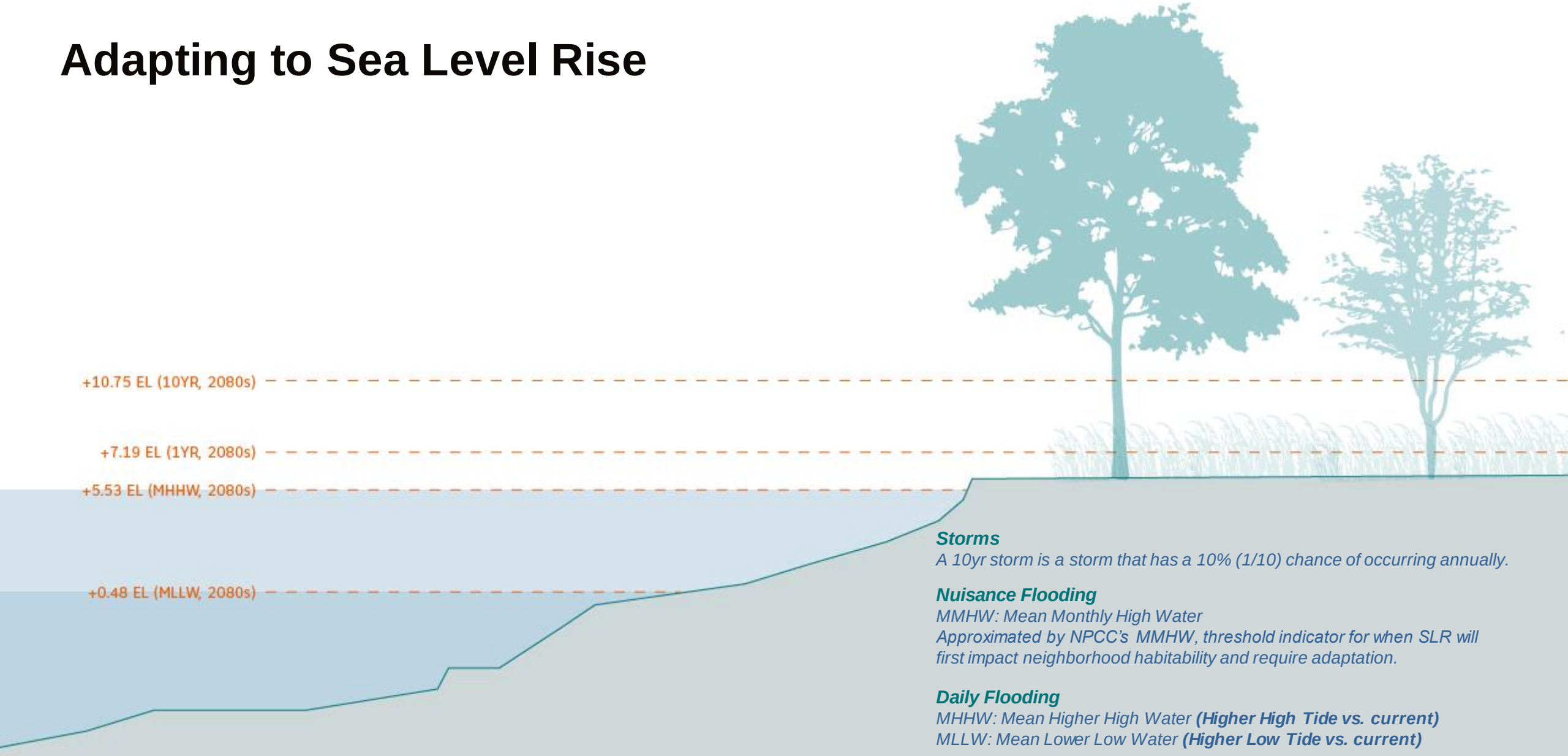


SUSTAINABLE & ADAPTABLE

Design a place that is sustainable and adaptable to a changing environment.

Gowanus Canal Sponge Park

Adapting to Sea Level Rise



Storms
A 10yr storm is a storm that has a 10% (1/10) chance of occurring annually.

Nuisance Flooding
MMHW: Mean Monthly High Water
Approximated by NPCC's MMHW, threshold indicator for when SLR will first impact neighborhood habitability and require adaptation.

Daily Flooding
MHHW: Mean Higher High Water ***(Higher High Tide vs. current)***
MLLW: Mean Lower Low Water ***(Higher Low Tide vs. current)***

NAVD 88
2015 Intermediate-High (75th percentile) NYC NPCC Sea Level Rise Projections
Flooding elevations are stillwater and do not include wave action

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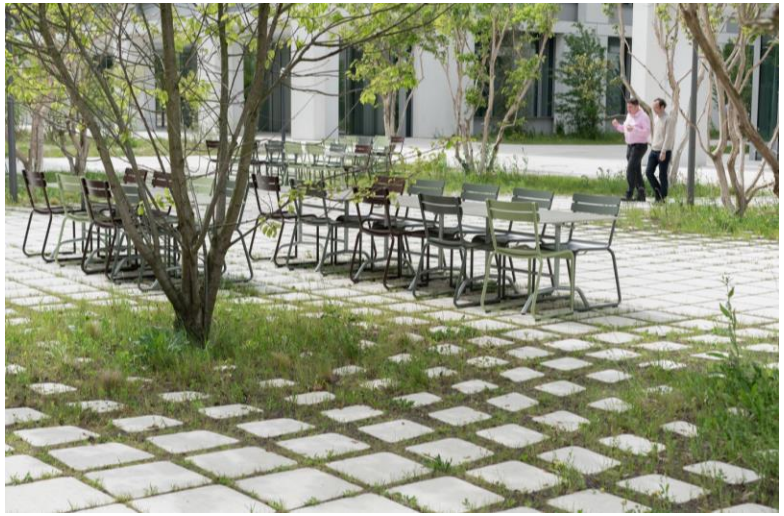
Designed to REFLECT: Adapt to a Changing Climate



Designed to REFLECT: Embed Material Reuse

IMPLEMENTABLE & MAINTAINABLE

Implement the design goals cost-effectively and open a maintainable, redesigned pier in 2026.

Be Cost Effective: Provide a Durable and Maintainable Pier





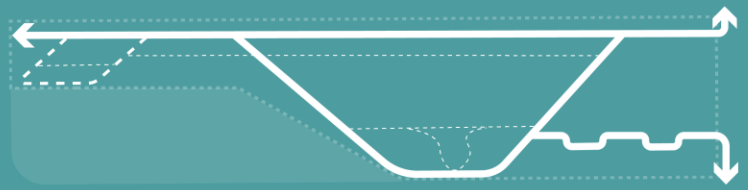

Concept Approaches

Concepts explore different ways to realize these goals

INDUSTRIAL FOREST

STABILIZE THE PIER
SAFE & ACCESSIBLE
ENGAGING & FLEXIBLE
ECOLOGICAL & INDUSTRIAL
SUSTAINABLE & ADAPTABLE
IMPLEMENTABLE & MAINTAINABLE

COBBLE CORRIDOR



STABILIZE THE PIER
SAFE & ACCESSIBLE
ENGAGING & FLEXIBLE
ECOLOGICAL & INDUSTRIAL
SUSTAINABLE & ADAPTABLE
IMPLEMENTABLE & MAINTAINABLE

COMMUNITY COVE

STABILIZE THE PIER
SAFE & ACCESSIBLE
ENGAGING & FLEXIBLE
ECOLOGICAL & INDUSTRIAL
SUSTAINABLE & ADAPTABLE
IMPLEMENTABLE & MAINTAINABLE

All Concepts Provide …

Clear wayfinding and welcoming entrance spaces that meet the needs of visitors.

ARRIVE

Paths and other features to support safe and universal access.

MOVE

Varied spaces to gather, relax, and enjoy the pier and the events it hosts.

GATHER

Opportunities to enjoy, celebrate, and engage with the New York Harbor.

WATER

Areas of restored, enhanced and protected habitat that promote emerging ecosystems.

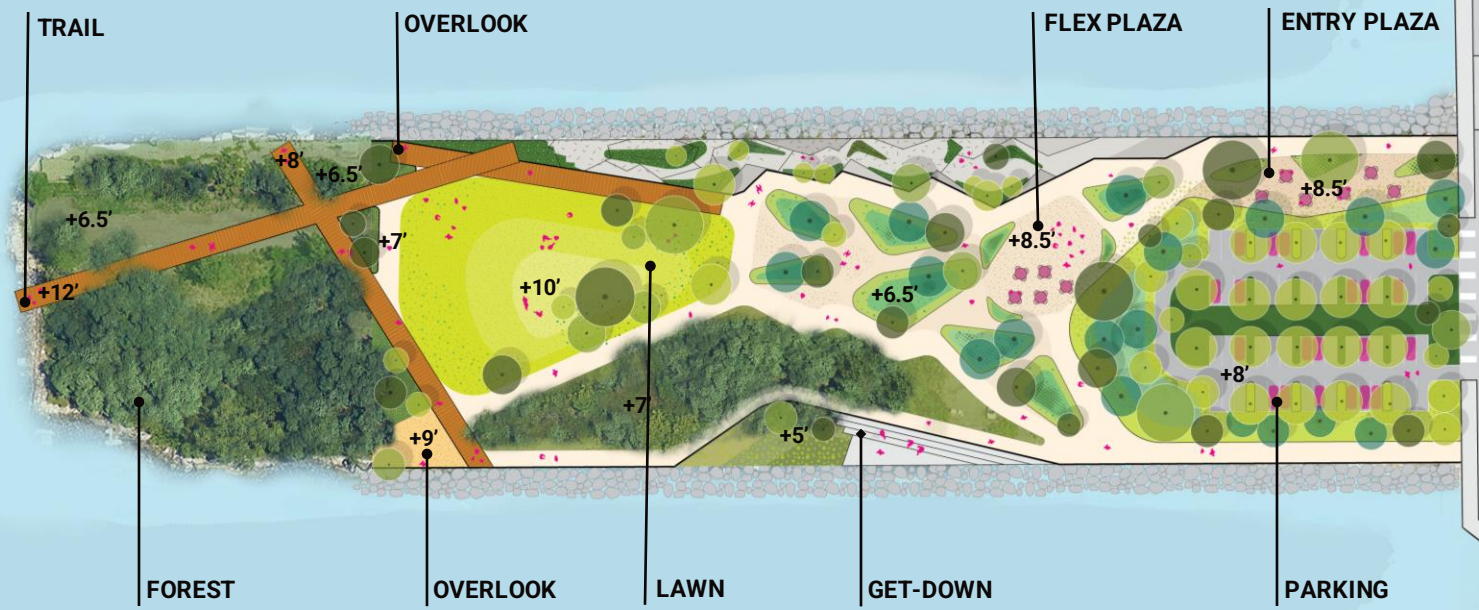
NATURE

Amenities that support climate adaptation and material reuse, showcasing sustainability and industrial history.

REFLECT

INDUSTRIAL FOREST

Industrial Forest



NYC/EDC ARCADIS SCAPE

0 50 100 200 FT N

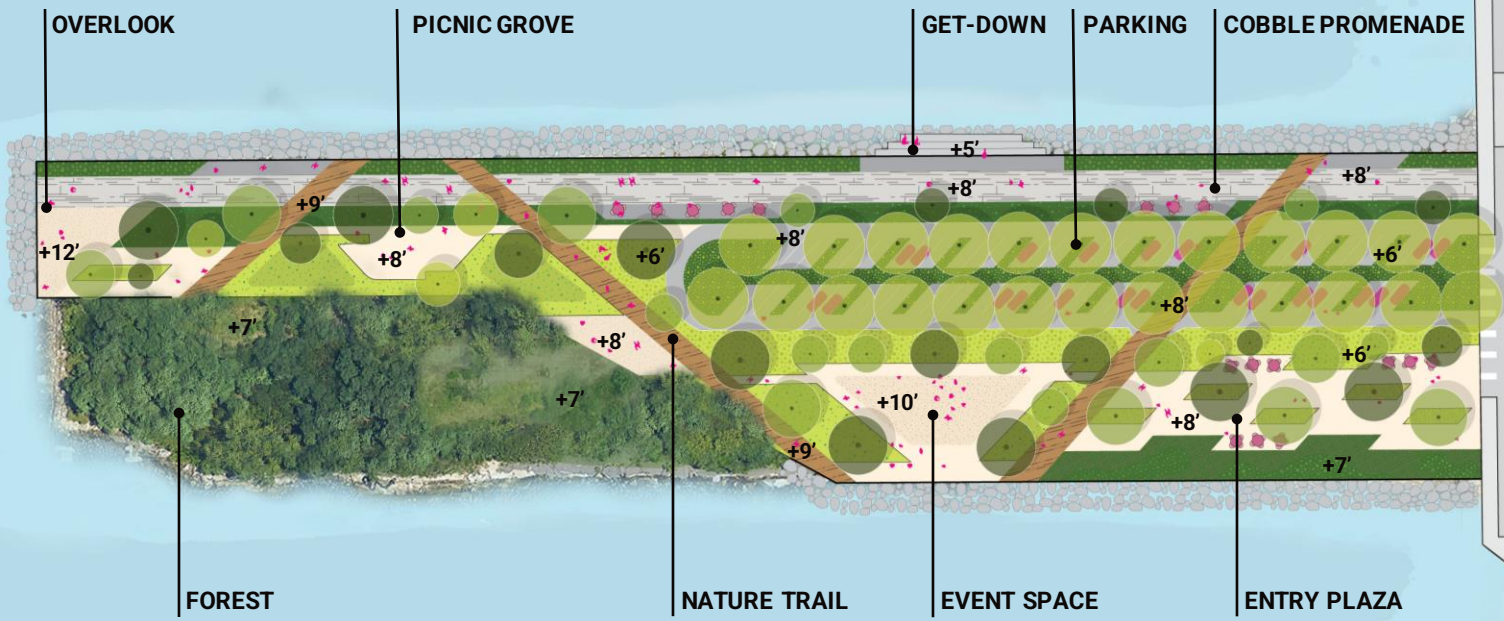

NYC EDC
ARCADIS
SCAPE

Industrial Forest

COBBLE CORRIDOR

NYC EDC ARCADIS SCAPE

Cobble Corridor



NYC/EDC ARCADIS SCAPE

0 50 100 200 FT N


I WANT TO THANK YOU


NYC/EDC
ARCADIS
SCAPE

Cobble Corridor

COMMUNITY COVE

Community Cove

NYC/EDC ARCADIS SCAPE

0 50 100 200 FT N


DOMINO PARK

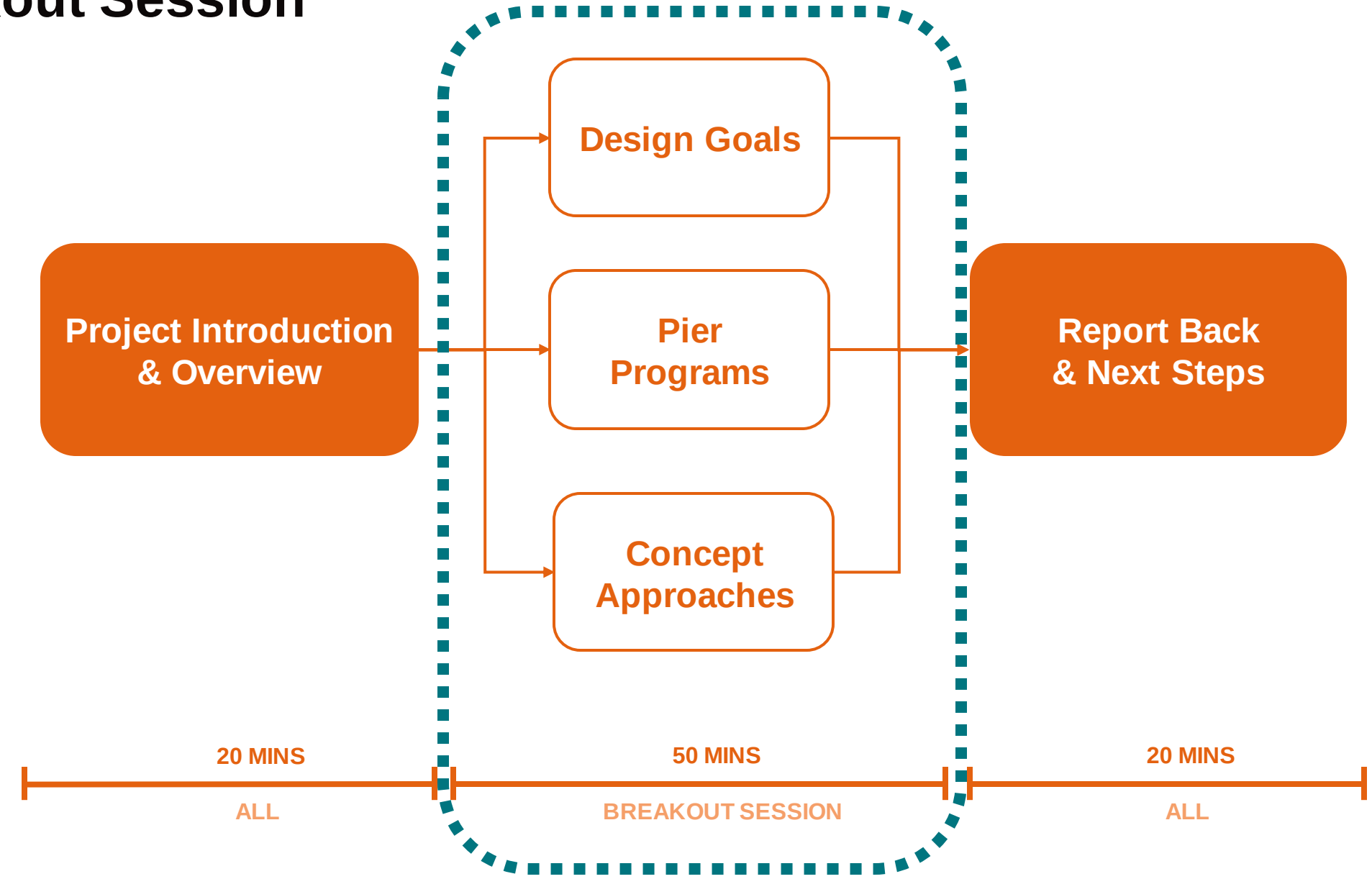

NYC EDC
ARCADIS
SCAPE

Community Cove

NYC EDC ARCADIS SCAPE

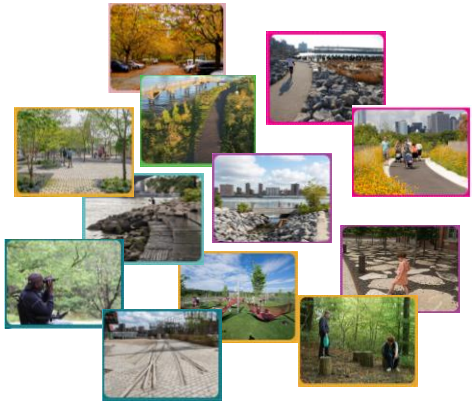
Breakout Session

Breakout Session

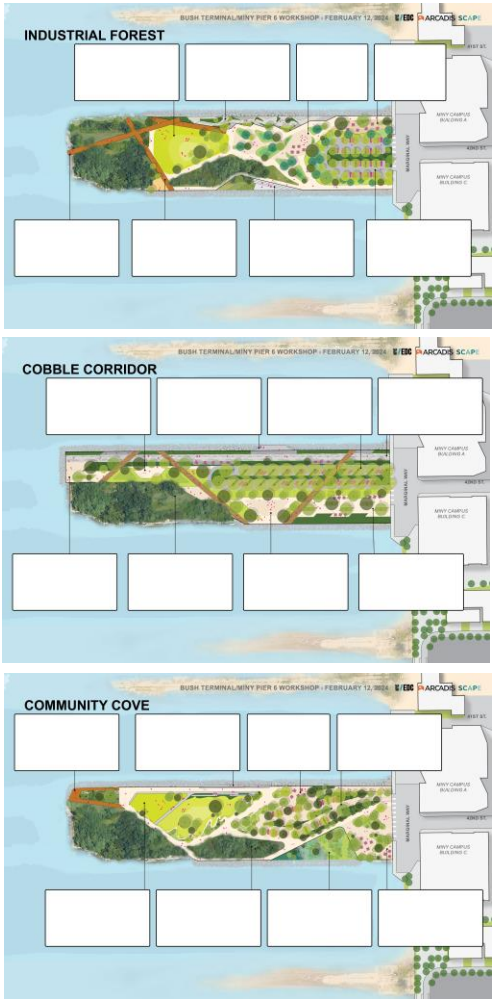


On Your Table

PICTURE YOUR PIER!
WORKSHEETS



PICTURE YOUR PIER!
GROUP CARDS



CONCEPT APPROACHES

CONCEPT APPROACHES
OVERVIEW

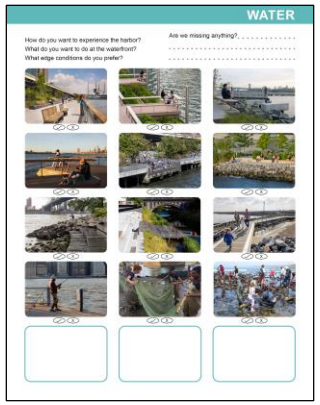
Picture Your Pier!
Individual Exercise

Provide feedback on what you want to do on Pier 6 and how you want it to look and feel!

For each worksheet there are 12 images that demonstrate potential experiences at the pier. There are also blank spaces for you to add in any additional ideas! At the end of the meeting, please hand your worksheets to your table's facilitator or another member of the design team.

I like…

I dislike…



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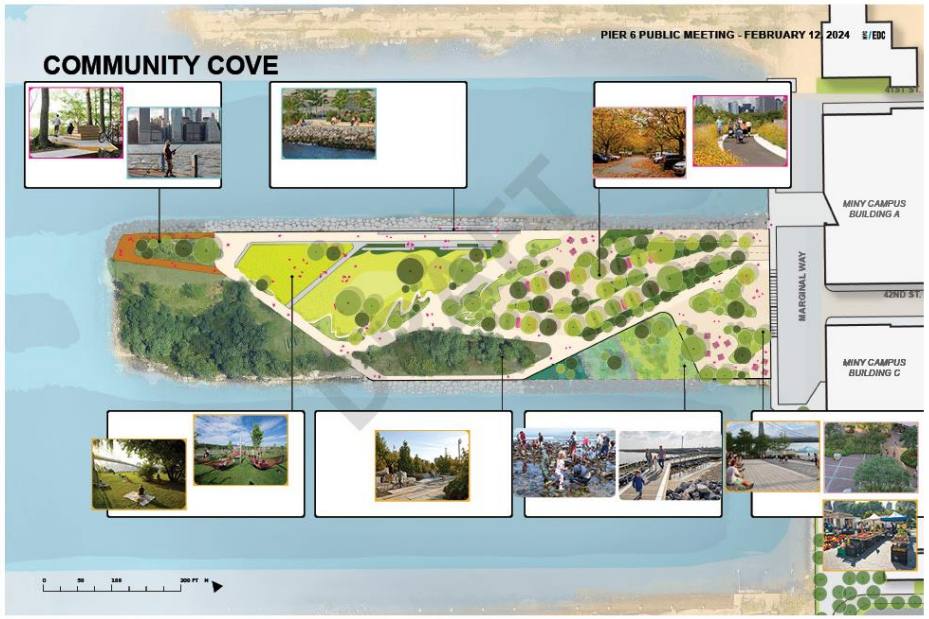
Picture Your Pier!
Group Exercise

Work together with your table and discuss how to combine the precedent cards with the concept approaches. Consider the mix of experiences, what activities different spaces can host, and program placements on the pier.

How do the spaces differ between the approaches?
What do you prefer about each?
How would you mix and match elements?
How do you want to use spaces?
How do you want the look and feel to change as you move through the pier?
Are we missing any opportunities?



PURPOSE: STABILIZE THE PIER

Respond to current erosion to preserve the pier for future use as open space.

GOALS: SAFE & ACCESSIBLE

Provide a safe and accessible waterfront public space.

ENGAGING & FLEXIBLE

Design engaging and flexible spaces for all and connect people with the harbor.

ECOLOGICAL & INDUSTRIAL

Celebrate the pier's rich industrial and ecological history and engage with current harbor ecosystems and industrial activity.

SUSTAINABLE & ADAPTABLE

Design a place that is sustainable and adaptable to a changing environment.

IMPLEMENTABLE & MAINTAINABLE

Implement the design goals cost-effectively and open a maintainable, redesigned pier in the near-future.

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Report Out & Next Steps


WHAT DID YOU DISCUSS AT THE BREAKOUT TABLES?
NYC EDC
ARCADIS
SCAPE

How to stay involved?

Exit Survey
Open from 2/12 to 2/20
- Share additional feedback about program on the pier.

Newsletter
- Stay updated with project and construction news.

Town Hall #2
Spring/Summer 2024
- Learn about and provide feedback on the design.

Scan me to give feedback!