BCDC Design Review Board Meeting

October 7, 2013

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Recently Completed Projects

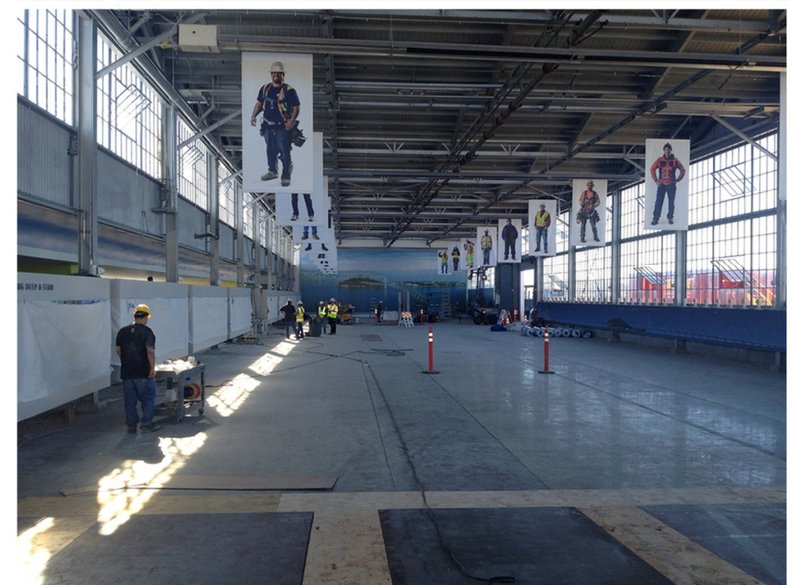
October 7, 2013

View from new East Span

View of the Bridge Yard Shop and new elevated plaza

View from new elevated plaza at Bridge Yard Shop

New bike/ped path near The Maze

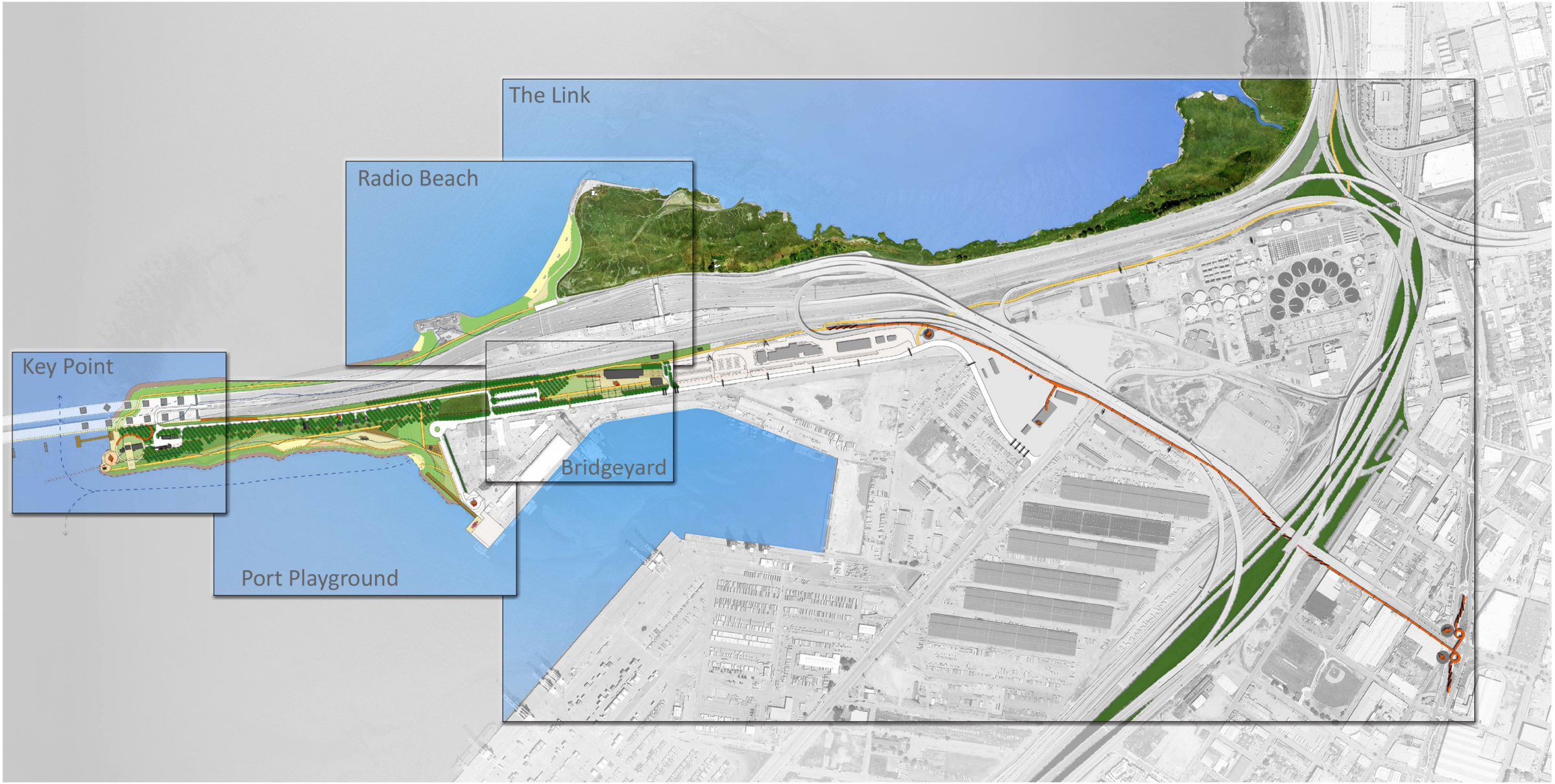


Interior of the Bridge Yard Shop

Location Map

October 7, 2013

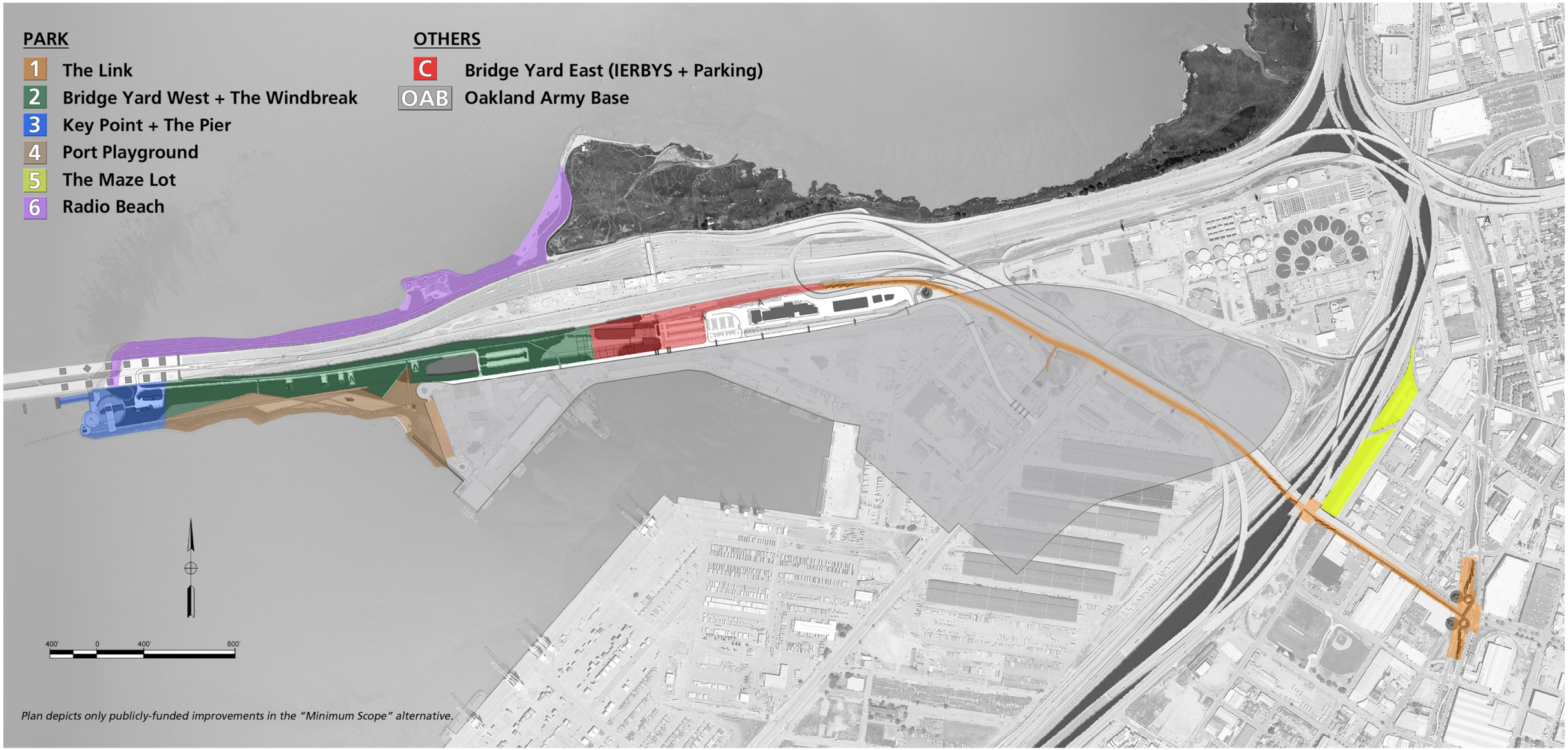
Park Areas



The Bridge Yard Shop parking area is under discussion with Caltrans and is subject to change.

Phasing Plan

October 7, 2013

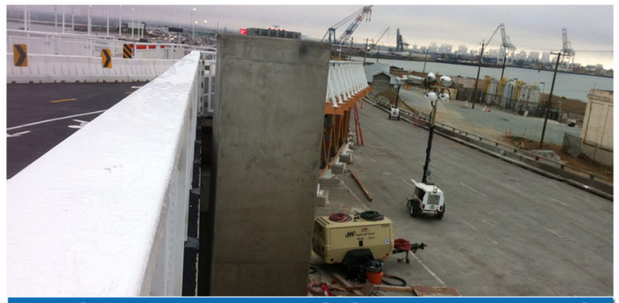


Plan depicts only publicly-funded improvements in the "Minimum Scope" alternative.

Existing Conditions

Looking east at Little Radio Beach

Little Radio Beach



Looking east toward the Port terminals from the elevated bike/ped path

Looking east toward the Port terminals and Oakland Hills

Looking west toward the Treasure Island

Looking south at Oakland Outer Harbor Channel

Looking south at the historical buildings at the mole from the elevated bike/ped path

Biological Resources and Constraints

Source: Aerial Imagery, ESRI 2013

Project Elements

- Project Area
- Fencing Only

Biological Constraint Areas

- Jurisdictional Waters (USACE, SFRWQCB, BCDC)
- Potential Shorebird Nesting
- Potential Nesting Area
- Freshwater Emergent Wetland
- Wetland/Endangered Species Habitat
- Eel Grass Beds

Land Cover Types

- Rip Rap
- Ruderal
- Developed
- Existing Bioretention Area

Notes : 1) There are no proposed alterations to the highways or railways. 2) The nearest seal haul-out site is Yerba Buena Island. 3) There are a couple of pine trees near the toll plaza and radio towers on Radio Beach that could be used for nesting.

Connections to Park

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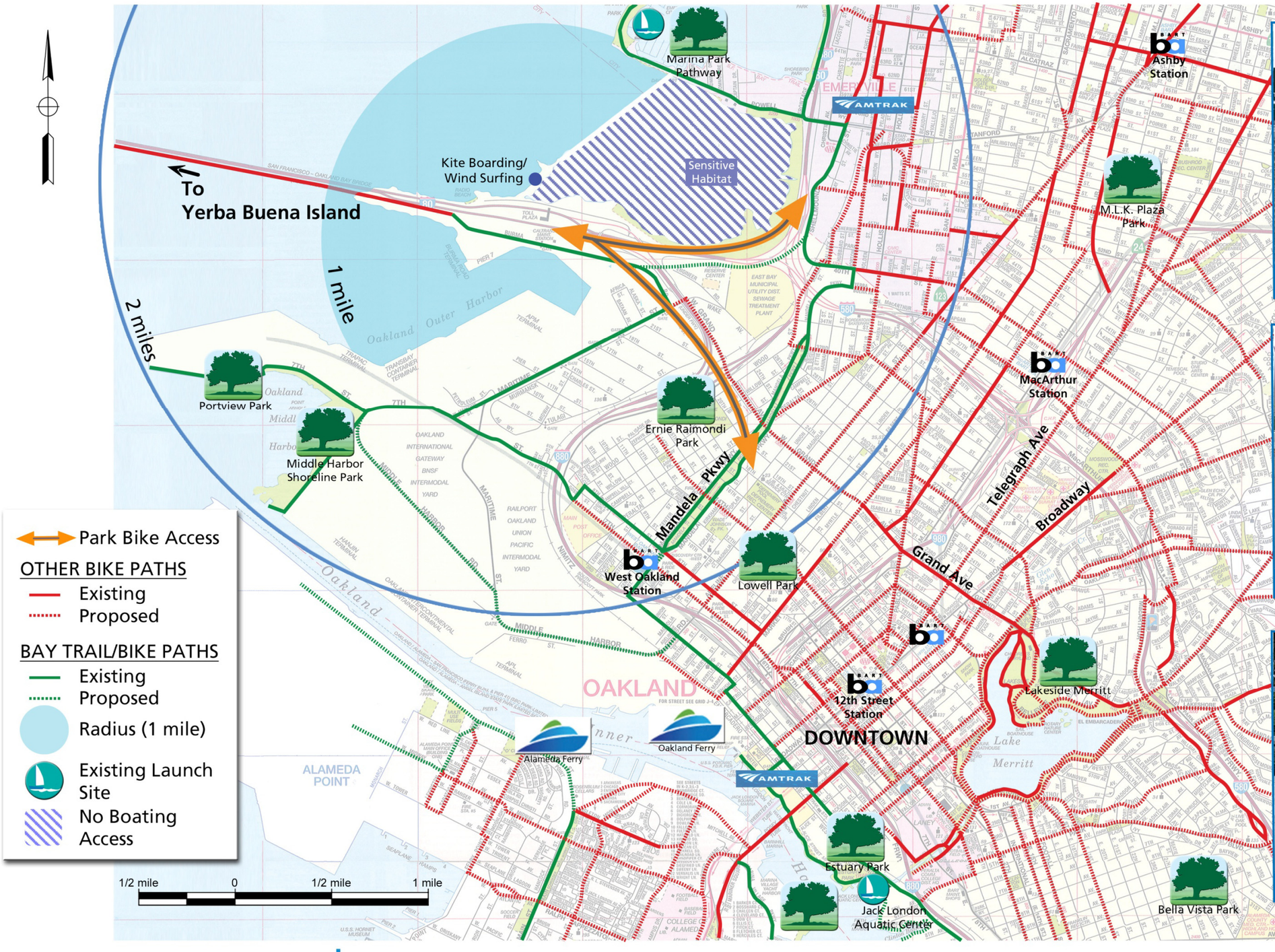
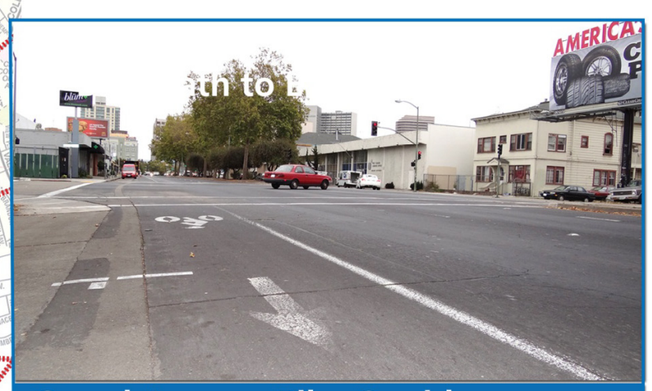
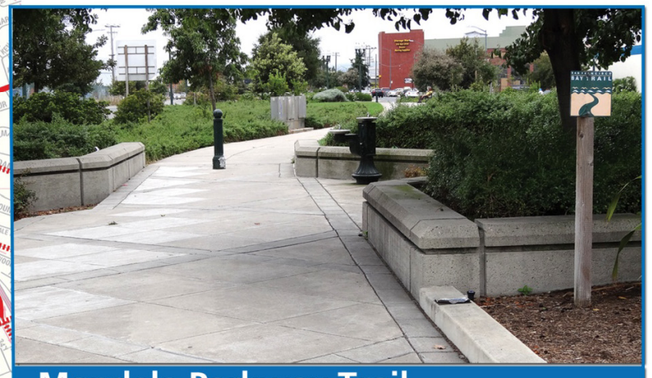


Grand Avenue Bike Corridor



Grand Avenue Bike Corridor

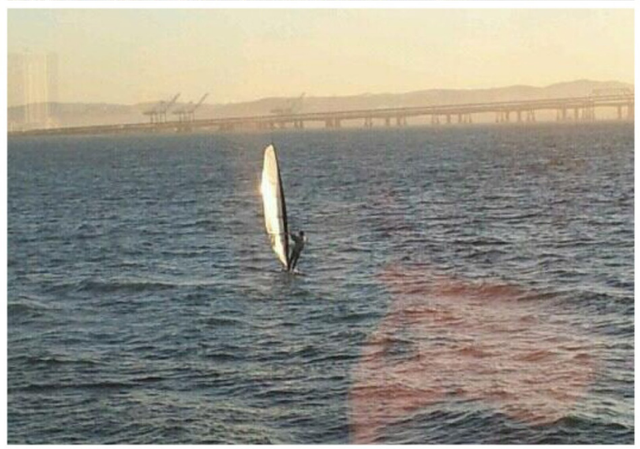


Mandela Parkway Trail

gatewaypark

Sonoma
Napa
SONOMA
SOLANO
Petaluma
Novato
Vallejo
GRIZZLY BAY
SAN PABLO BAY
SUISUN BAY
HONKER BAY
Crockett
Benicia
MARIN
Martinez
Pinole
San Rafael
Richmond
Corte Madera
CONTRA COSTA
Berkeley
Sausalito
Oakland
SAN FRANCISCO
PACIFIC OCEAN
Brisbane
San Leandro
SAN FRANCISCO BAY
Hayward
ALAMEDA
Burlingame
Fremont
Newark
Redwood City
SAN MATEO
Palo Alto
SANTA CLARA
Mountain View
Alviso
N

NO SWIMMING OR WADING
WARNING
DEEP SOFT MUD



ond-San Rafael
Bridge
Richmond
LEGEND
Existing/Planned Launch/Destination Sites
Shipping Lanes
Red Rock
Long Wharf
Southampton Shoal Channel
Tiburon
Raccoon Strait
Angel I.
lito
Berkeley Pier
Golden Gate Bridge
Existing Wind Surfing
Alcatraz I.
Treasure I.
Bay Bridge
Proposed Kayaks
Oakland
Mile Rock
San Francisco

Predicted Sea Level Rise

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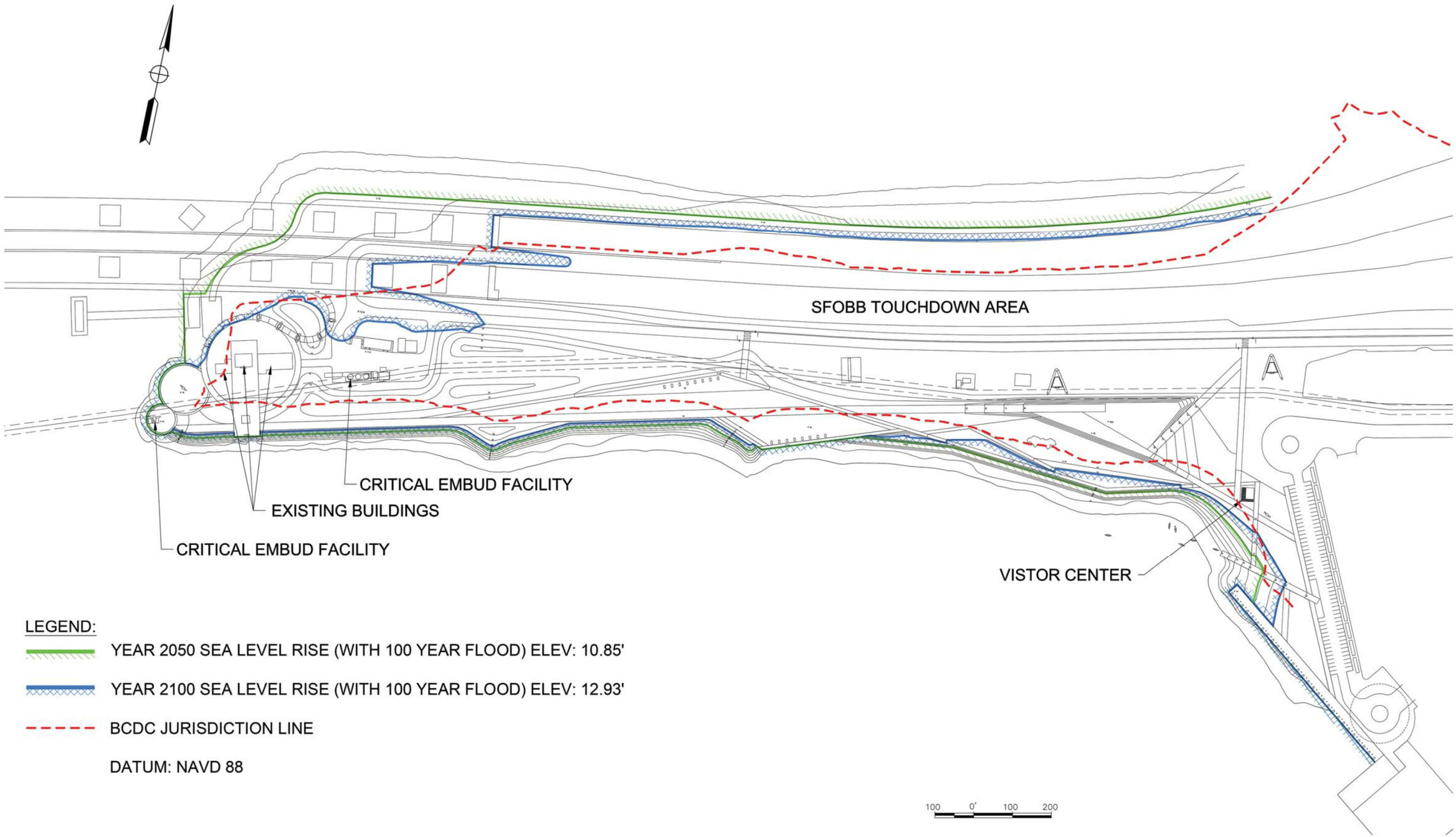
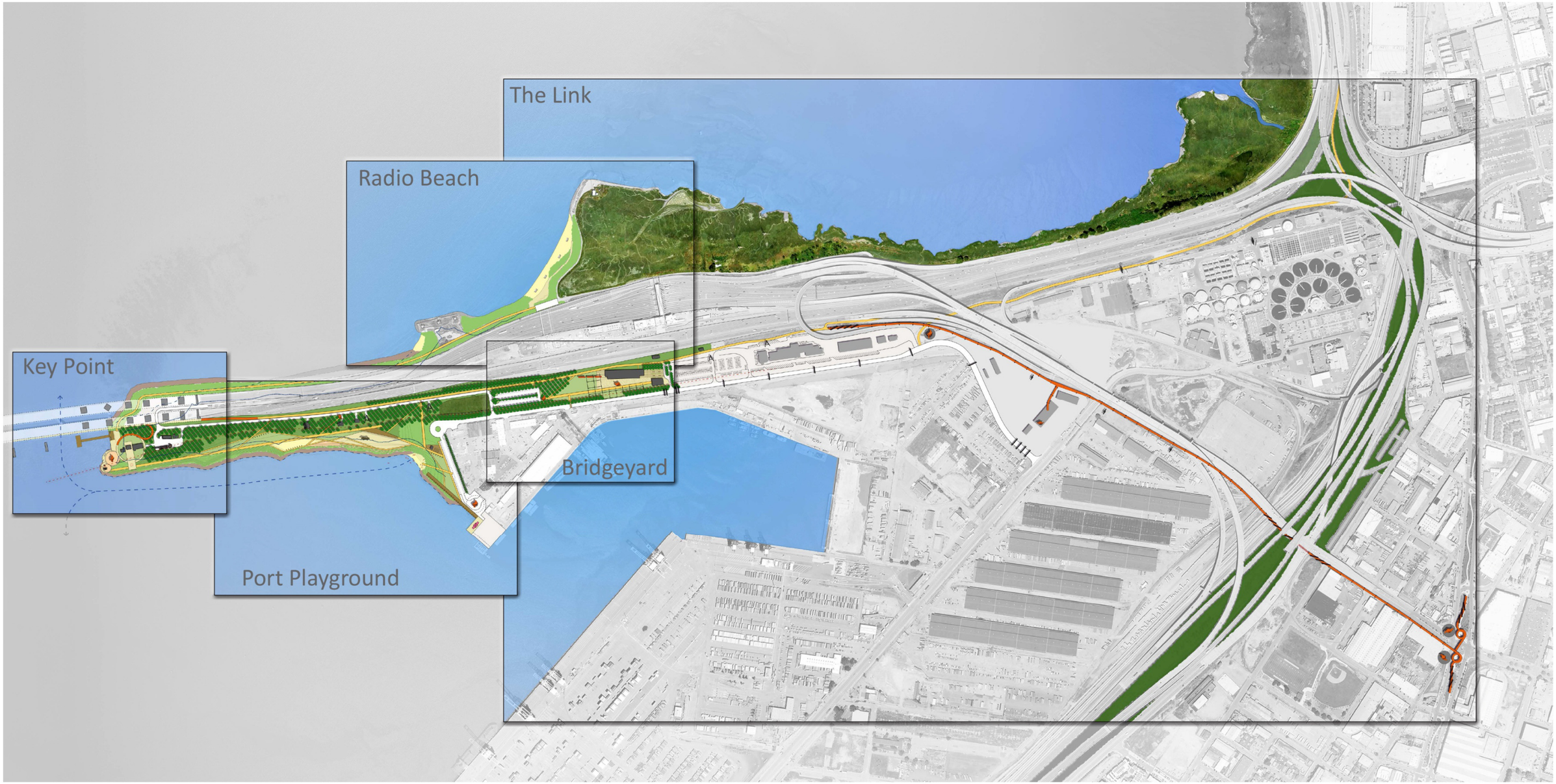


Park Experience



The Bridge Yard Shop parking area is under discussion with Caltrans and is subject to change.

The Link: Elevation and Experience

Site Line +5

Site Line +10

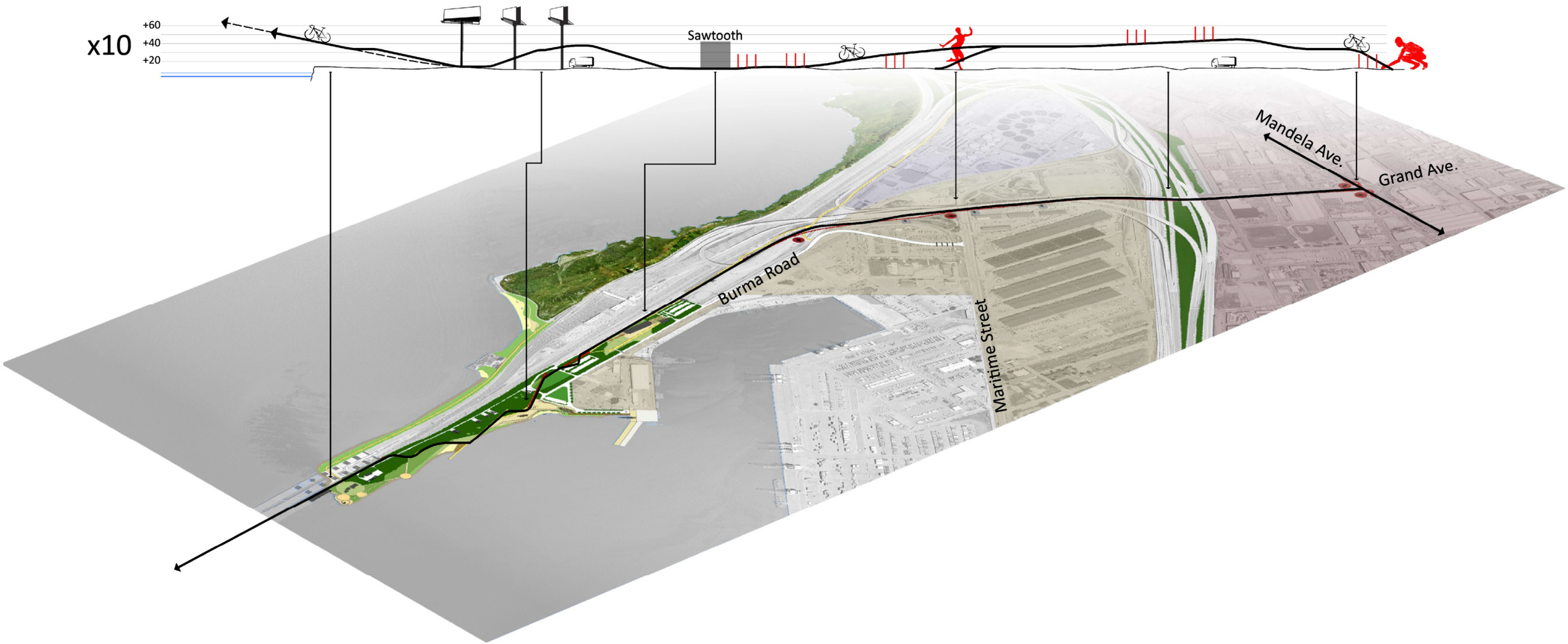
Site Line +45

Site Line +0

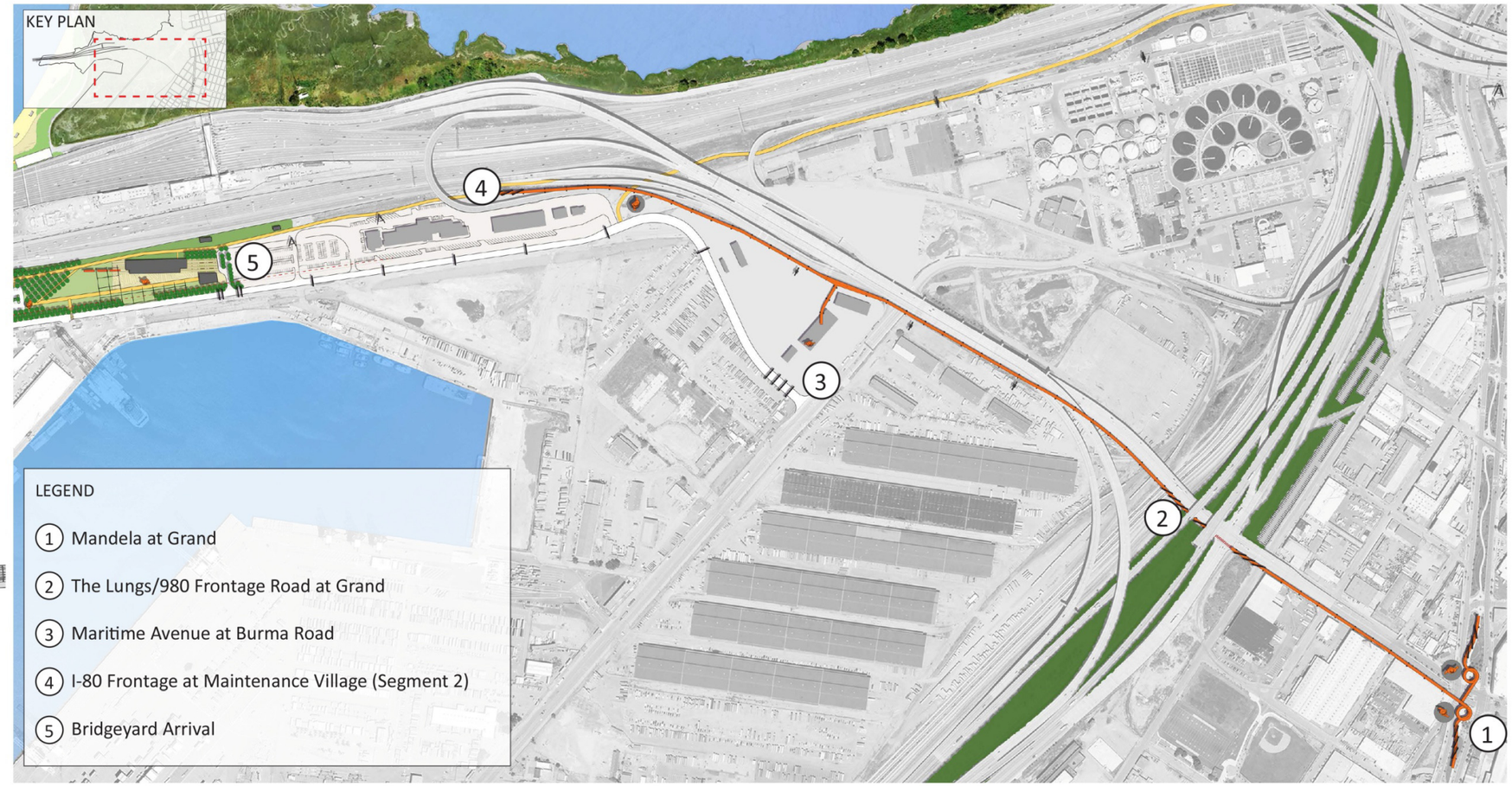
Site Line +0

Site Line +0

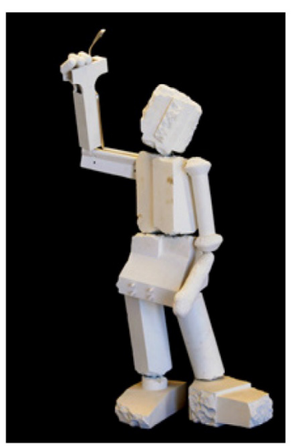
The Link: Bike Experience

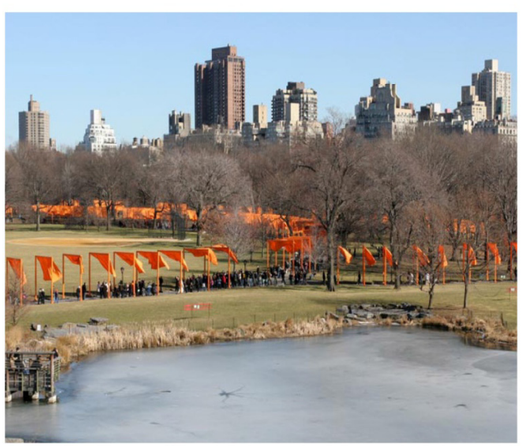


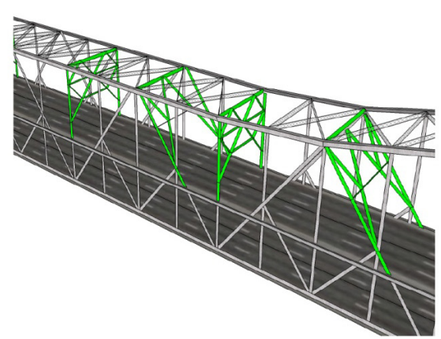
CSX

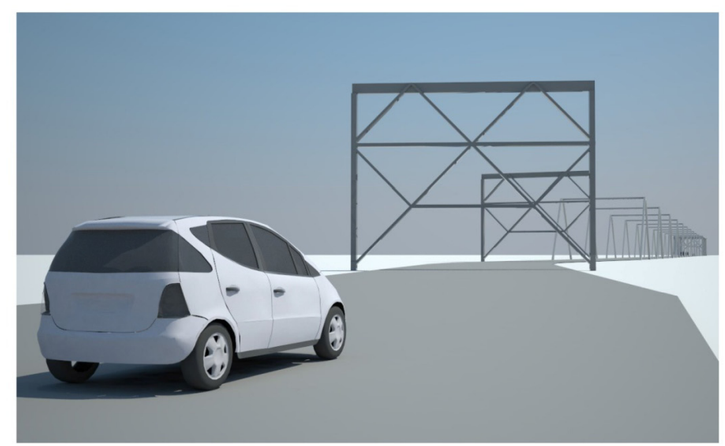

KEY PLAN
1
2
3
4
5
LEGEND
1 Mandela at Grand
2 The Lungs/980 Frontage Road at Grand
3 Maritime Avenue at Burma Road
4 I-80 Frontage at Maintenance Village (Segment 2)
5 Bridgeyard Arrival

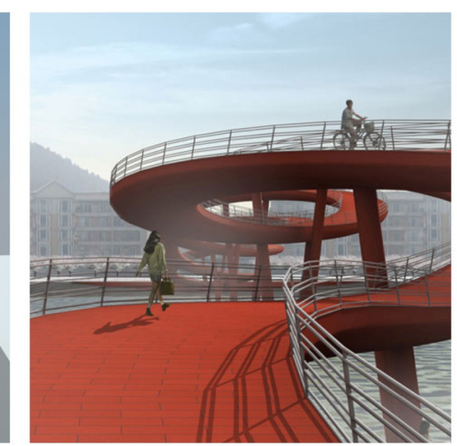
PORT VIEW PICNIC DECK AT ROOF
FUTURE/BY OTHERS: PART OF AERIAL BAY TRAIL PROJECT
JUDY & SONS TRANSFER
BAY BRIDGE BIKE RENTALS
TYPICAL
BLACK ALUMINUM SASH WINDOWS AND STOREFRONT, TYP.
ELEVATOR, STAIR AND BRIDGE TO AERIAL BAY TRAIL





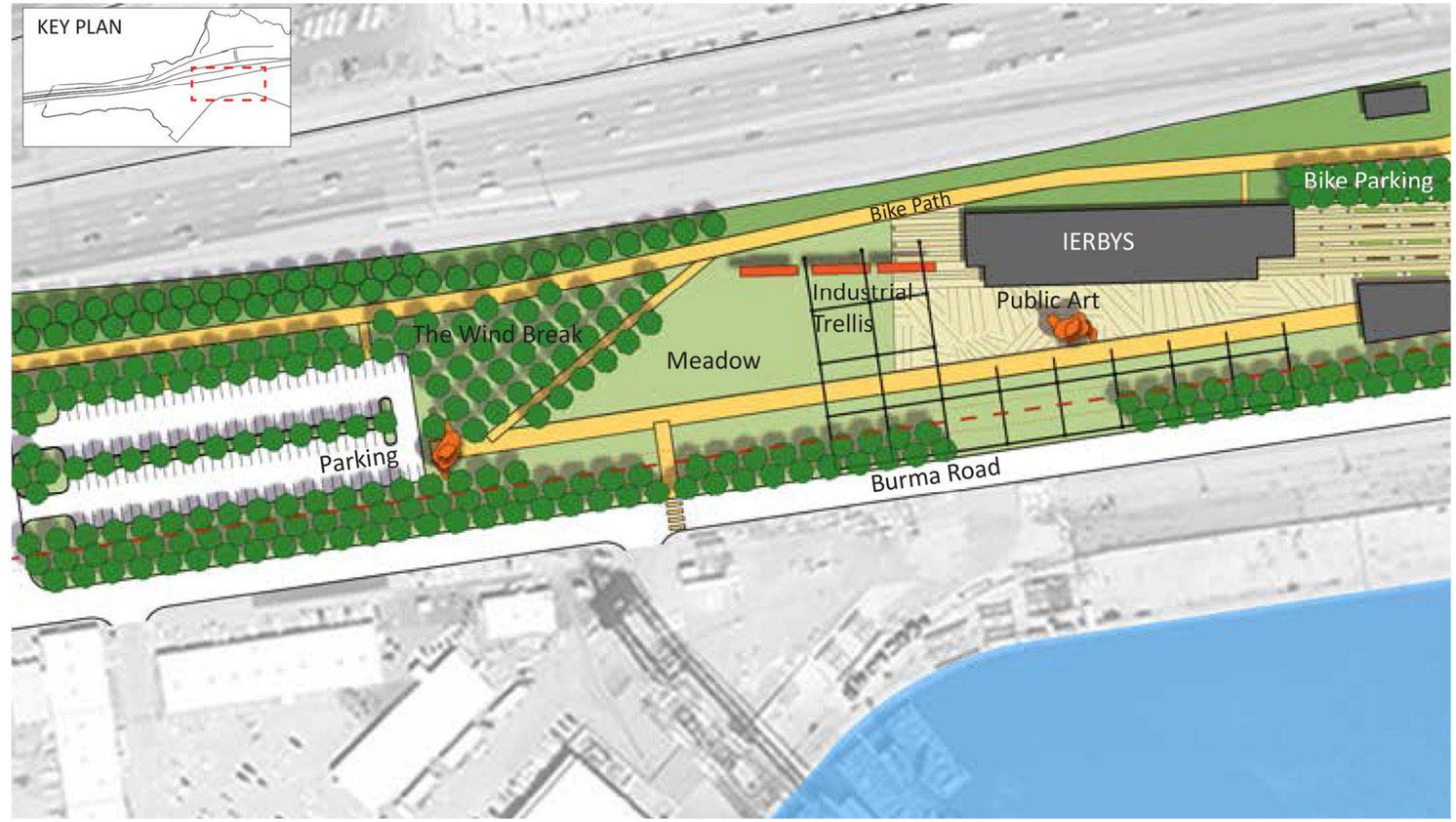






Bridge Yard

October 7, 2013



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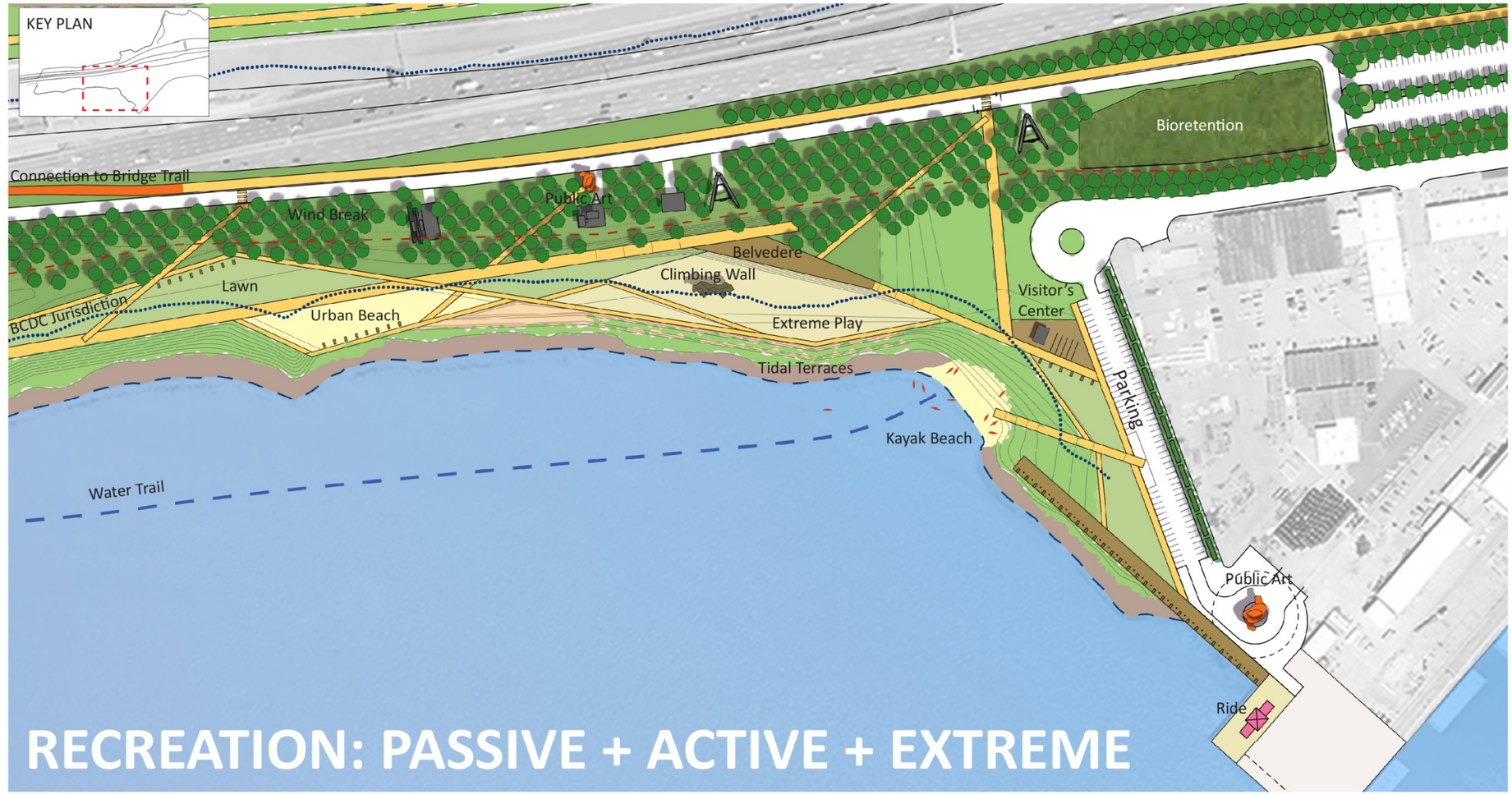
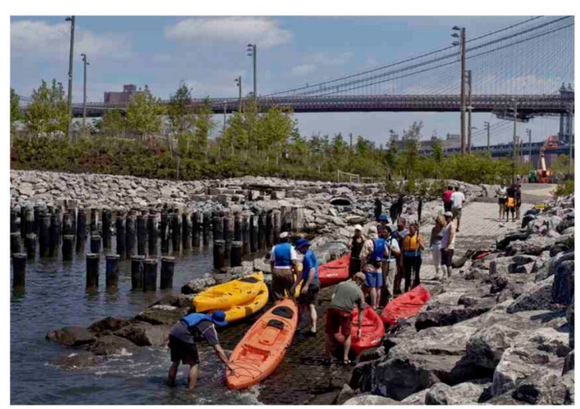
Port Playground



RECREATION: PASSIVE + ACTIVE + EXTREME



Port Playground: Kayak Beach

VISITORS CENTER/ICONIC TOWER

ZONE3 PORT PLAYGROUND
NEW BUILDING

Potential Program

/CLIMBING WALL

/PARK SERVICES + INFORMATION CENTER

/KAYAK + BIKE STORAGE

/RESTROOMS

/PAVILION STRUCTURE WITH KIOSK COUNTERS FOR PARK SERVICES

/REST AREA

/PARK SERVICES

Information Counter	150sf
Ticketing / Kiosks	50sf
Kayak + Bike Rental counter	100sf
Snack Sales	50sf
Lockers	300sf
Restrooms	300sf
Support Space	200sf

Port Playground: Architecture

/ICONIC PUBLIC TOILETS

/GREEN ROOFED PUBLIC TOILETS

/KAYAK STORAGE HOUSE

/KAYAK HUT MISSION CREEK PARK

/RESTROOMS

Iconic Restroom Structures	400sf

Stand alone iconic restroom structures - Distributed throughout park. Number and location depend on anticipated visitor information

M W

/KAYAK + BIKE STORAGE

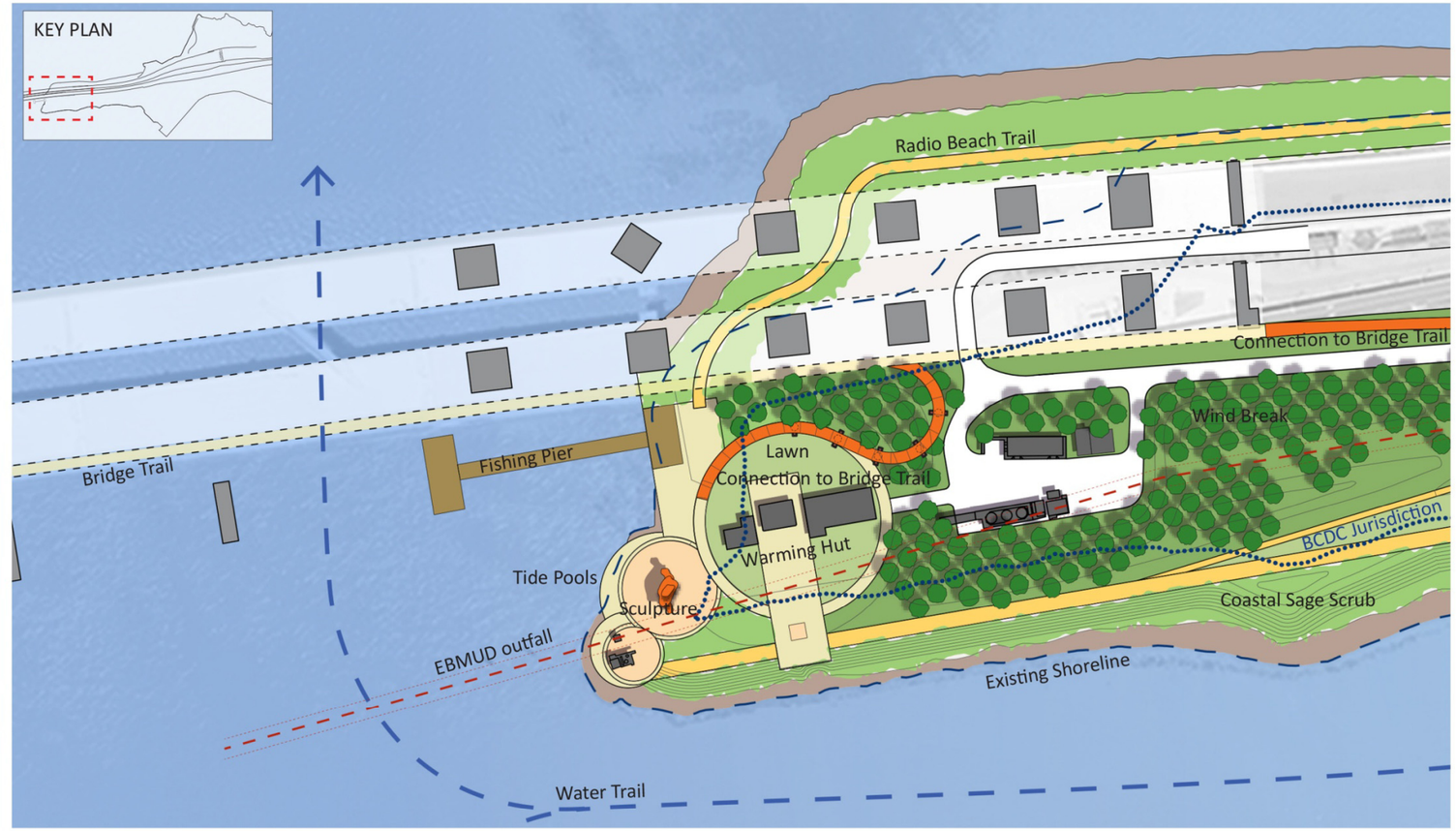
Kayak Storage Hut	Quantity TBD
Bike Racks	200 Bikes

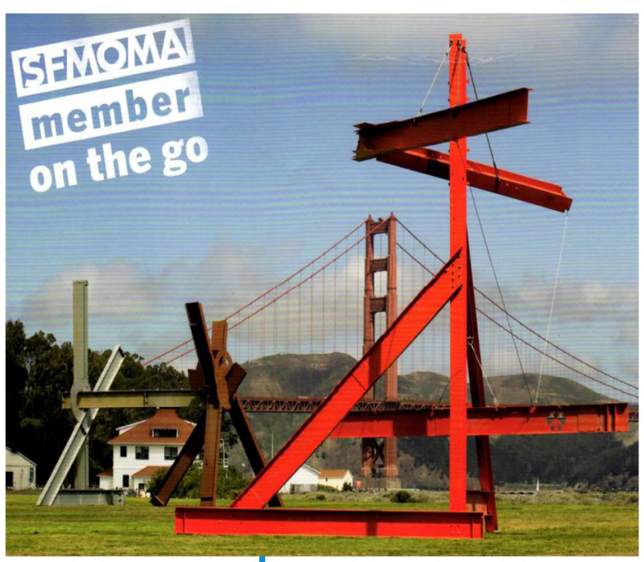
To be located on site adjacent to dock access.

Existing Building Footprint

Key Point + The Pier

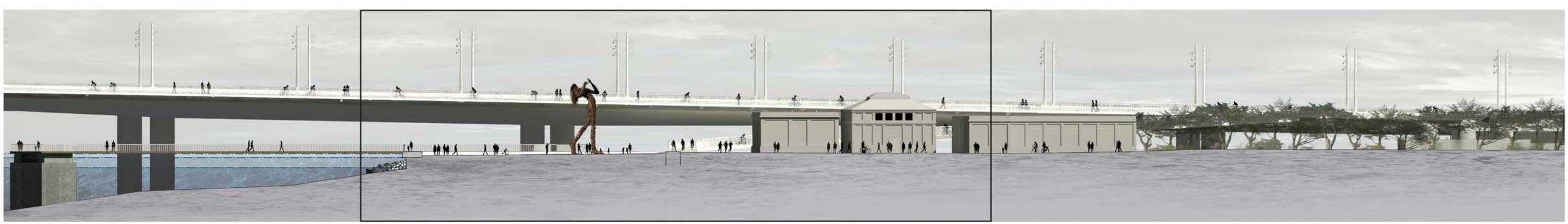
October 7, 2013





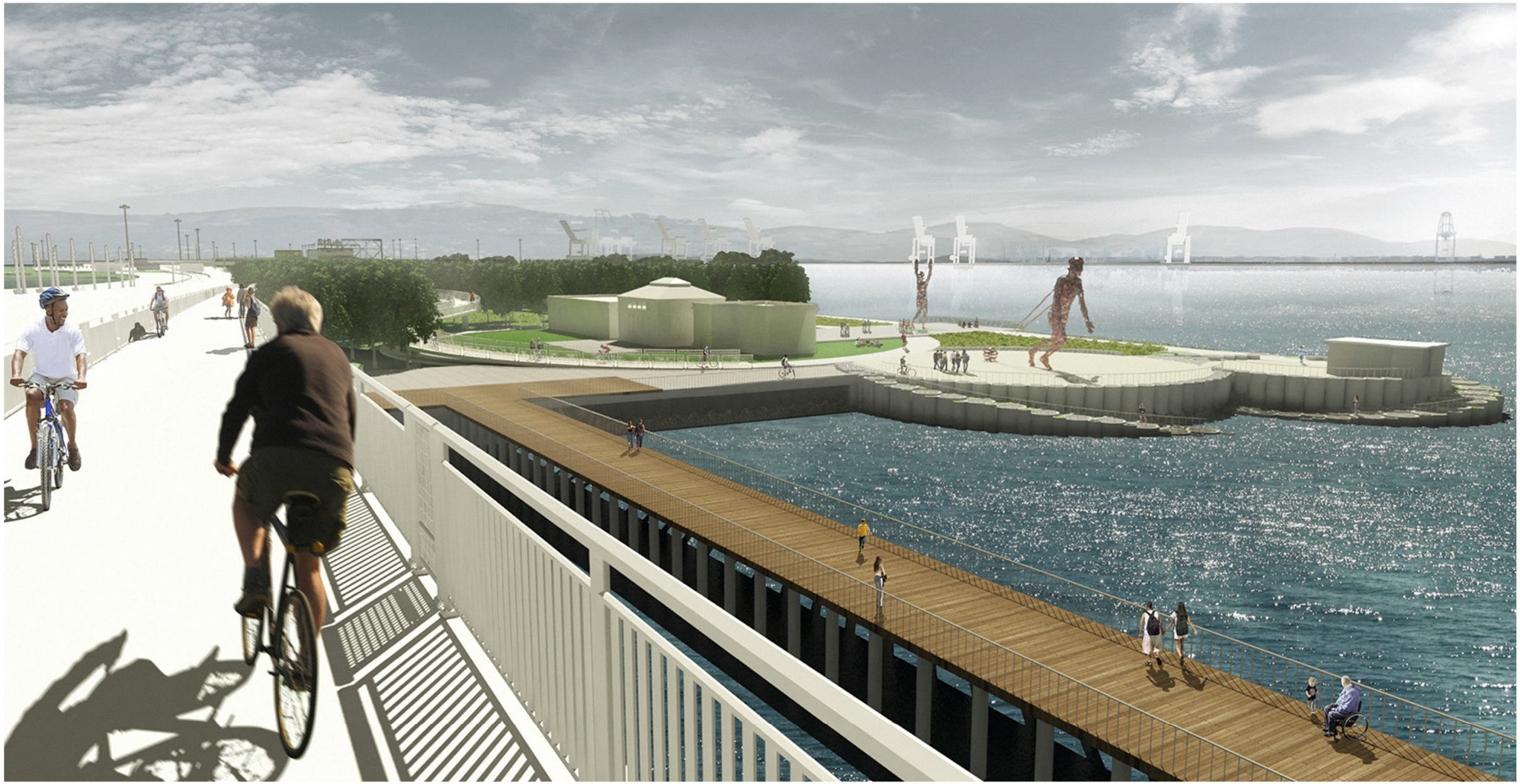
Key Point + The Pier: Section

October 7, 2013



Key Point + The Pier: View from the Bridge Trail

October 7, 2013

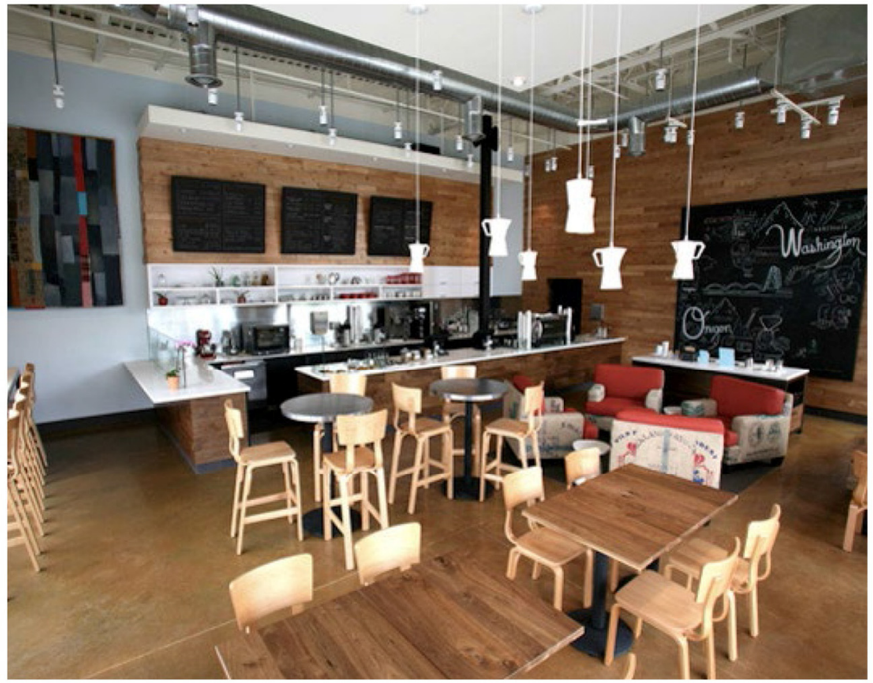


SYSTEM BUILDINGS/ USE STRUCTURES

ZONE4 KEY POINT
SIZE: Varies

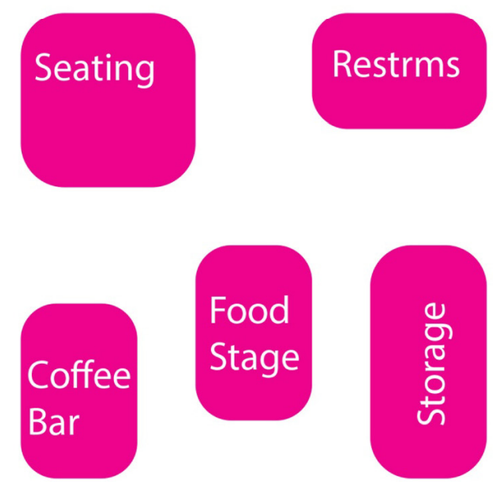
Potential Uses

/COFFEE HUT
/EXHIBIT GALLERY
/ARTIST STUDIO
/RANGER STATION



/COFFEE HUT

Coffe Bar / Gift Shop	300sf
Seating	500sf
Food Staging	200sf
Restrooms	300sf
Storage / Support Space	400sf



/EXHIBIT GALLERY

Exhibit Space

building footprint

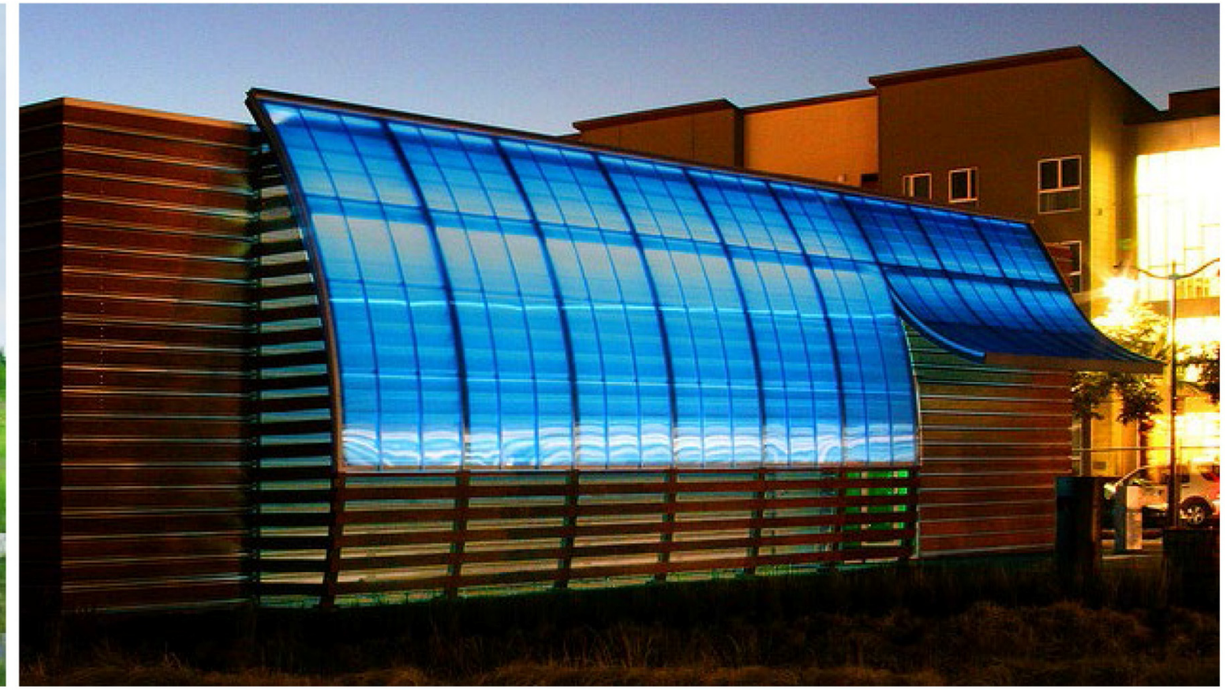
Existing
Building
Footprint

/ARTIST STUDIO

Studio	building footprint
Restroom	50sf

Existing Building Footprint

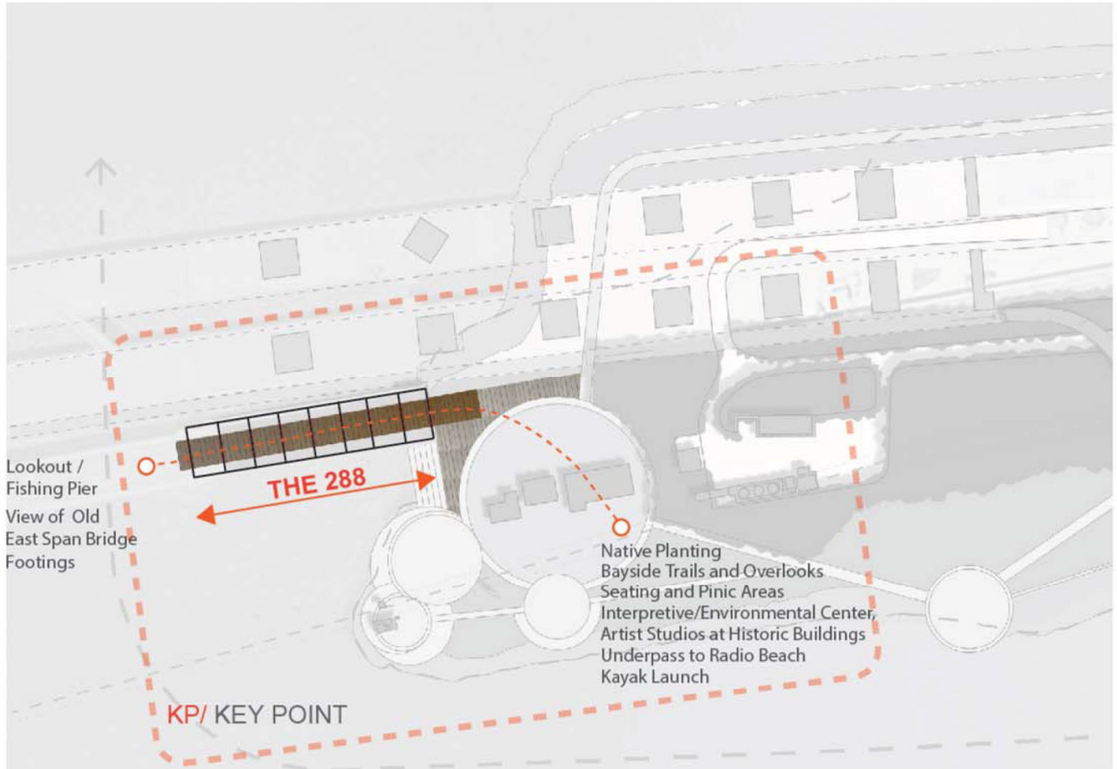
Key Point + The Pier: Architecture



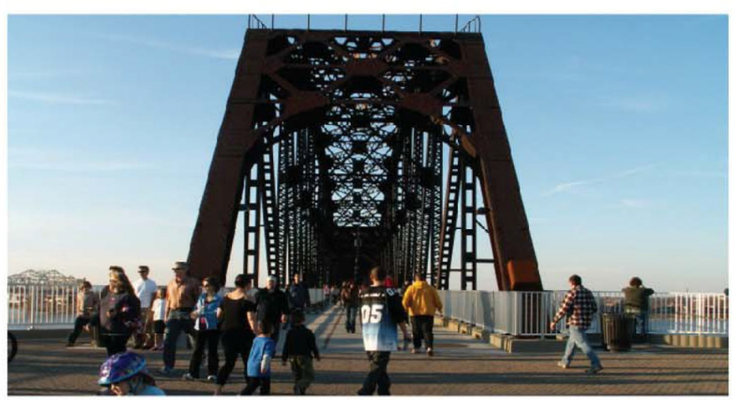
/RANGER STATION

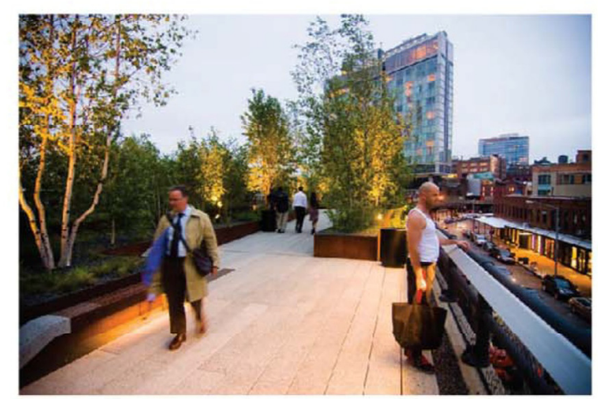
Reception	80sf
Open Office	150sf
Private Office	200sf
Conference	150sf
Maintenance Workshop	300sf
Restrooms	200sf
Lockers / Showers	100sf
Storage / Support	150sf

Key Point + The Pier: Architecture



OPTION FOR 288

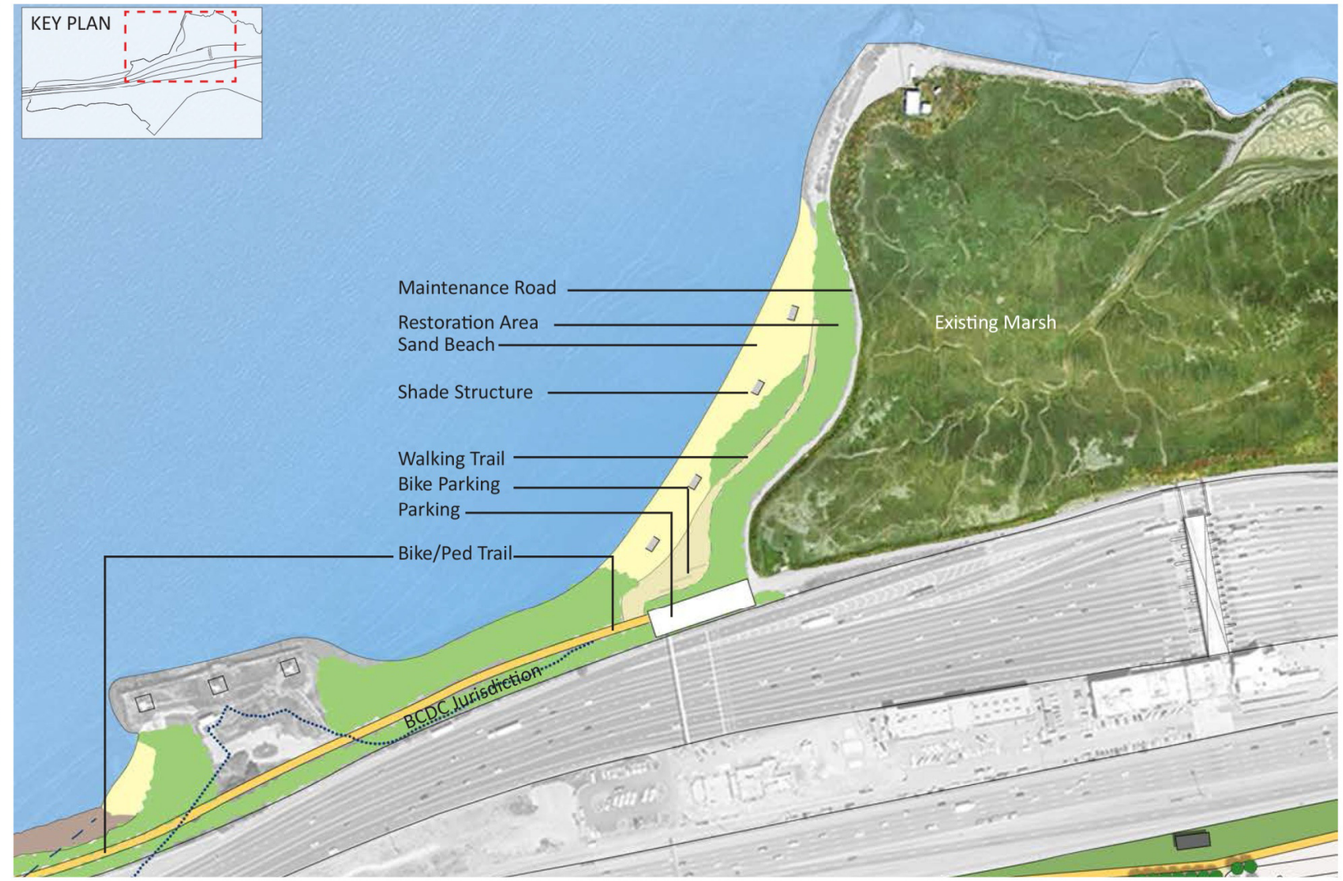




PRECEDENTS

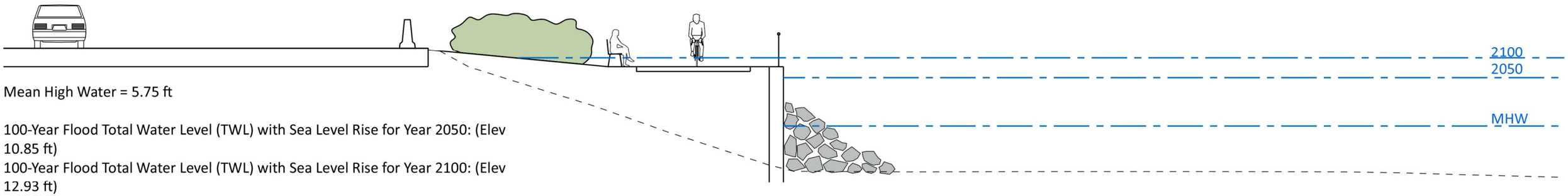
Radio Beach: Restoration

October 7, 2013



Radio Beach: Trail Cross Section

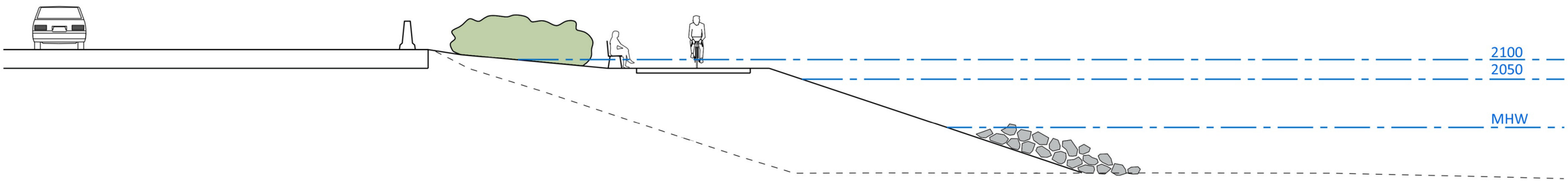
October 7, 2013

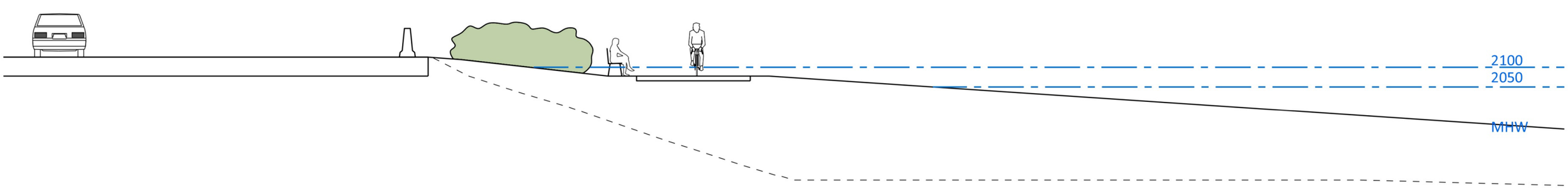


Mean High Water = 5.75 ft

100-Year Flood Total Water Level (TWL) with Sea Level Rise for Year 2050: (Elev 10.85 ft)
100-Year Flood Total Water Level (TWL) with Sea Level Rise for Year 2100: (Elev 12.93 ft)

Notes:
1. Flood elevations shown are still water level. Storm surge and wave could add 3ft to that indicated for South Shore & 3.5ft to 4.5ft for North Shore
2. All elevations are relative to NAVD 88 Datum





Questions & Comments

Additional Slides

Port Playground: Wind Break Section

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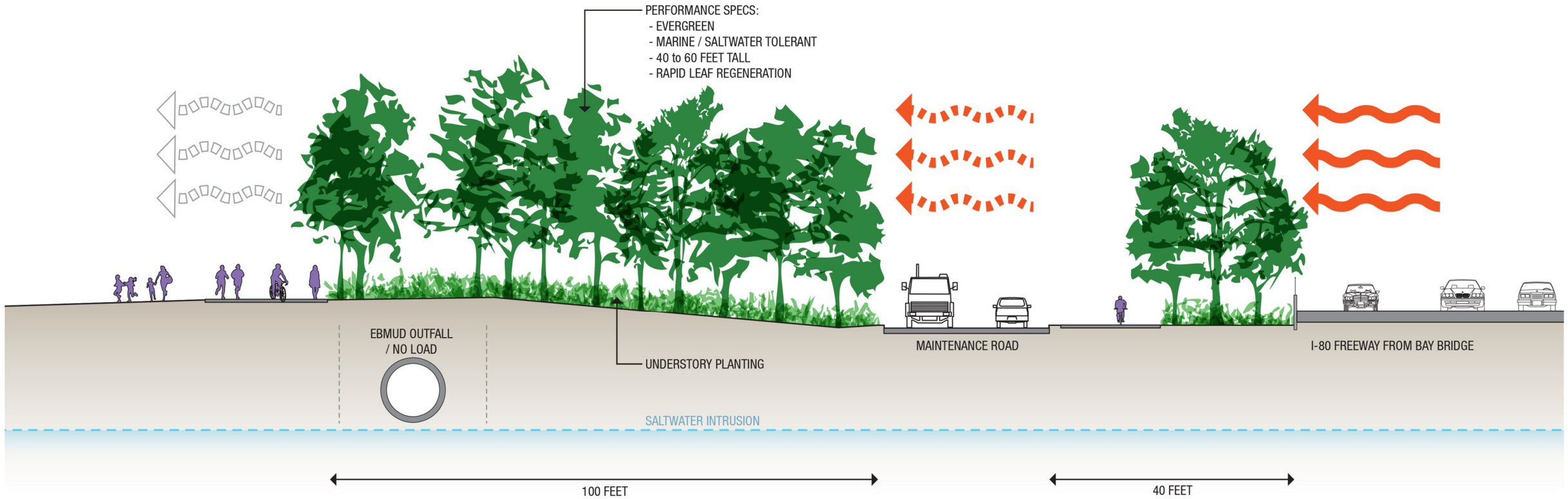

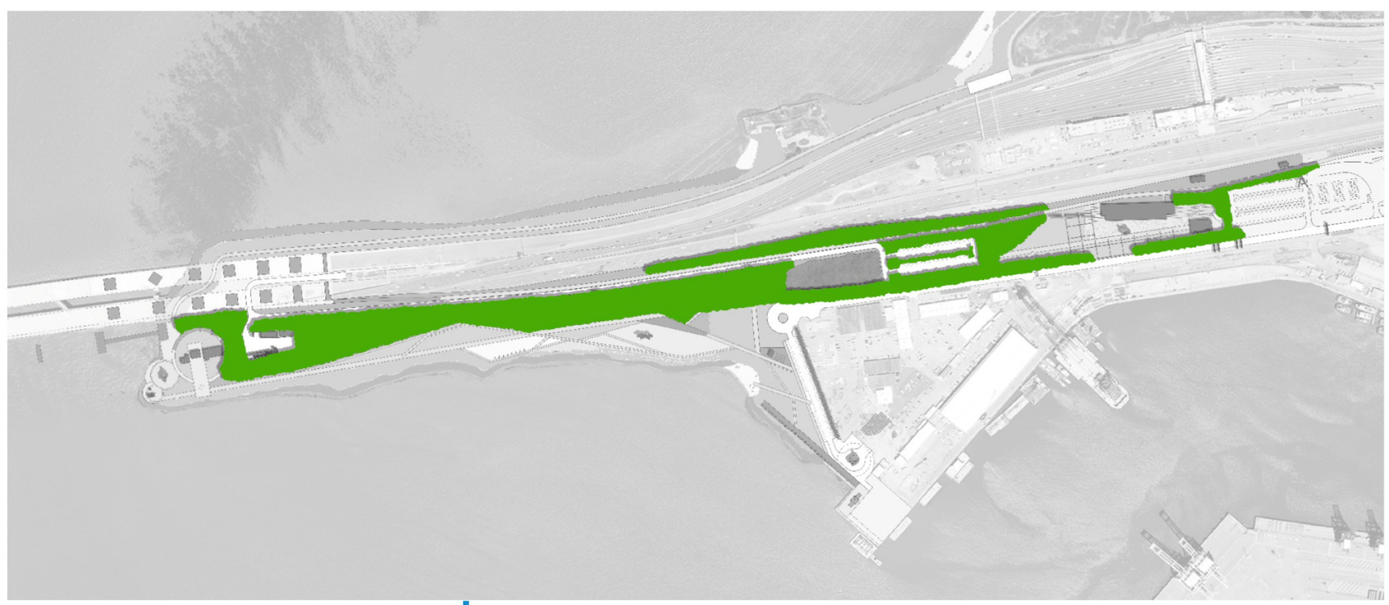

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