

# THE BELLE ISLE MARSH WALK



## APPROACH

	LAND USE/LEGAL	ENVIRONMENT	FLOOD RISK	TRANSPORTATION	EDUCATION
<b>FACTORS</b>	Proposed land-use change from industrial to residential is not sufficient for mid-range climate planning, and can be used to support Chp. 91 (Waterfront Access).	The Marsh is a lung for East Boston as a carbon sink and a refuge / bird airport for 250+ bird species.	Climate Ready Boston has Proposed Floodwalls, Berms + Nature-based Solutions.	Blue Line is a Critical Resource for the East Boston Community, + Flooding puts the whole line at Risk.	Land Stewardship begins with Community Buy-in + Public Education Campaigns.
<b>APPROACH</b>	Leveraging multiple public landowners to purchase Casket Factory Parcel and create a comprehensive low-cost flood mitigation strategy to protect critical infrastructure.	Promoting Marsh health/growth, community stewardship, and investing in restorative actions.	Landscaped Marsh walk along Floodwall, Raide Berm, Rain Garden and Playground.	Protecting the critical facilities / railyard of the Blue Line and Increasing Circulation in the Area.	Grounding visitors and community members with knowledge around the area through graphics about its inhabitants with an educational center.

## DESIGN PRINCIPLES

- ACCESS TO NATURE + WATERFRONTS**  
Promote a safe, accessible waterfront designed to engage both community members and nature enthusiasts (bird watchers and more), while also informing stewardship.
- FLOOD RESILIENCY + MINIMIZING DAMAGES**  
Decrease impervious surfaces, introduce flood walls and walkable berms to provide flood and water damage reduction strategies that are able to help from rainstorms to more extreme weather events.
- PROTECTING CRITICAL MOBILITY FACILITIES**  
Consider known & expected developments – including local & regional development patterns & land use changes.
- MARSH RESTORATION**  
Shift development to support Marsh health by filtering groundwater, revitalizing edges, and generating possibility.

## PRECEDENTS



## BASE PLAN

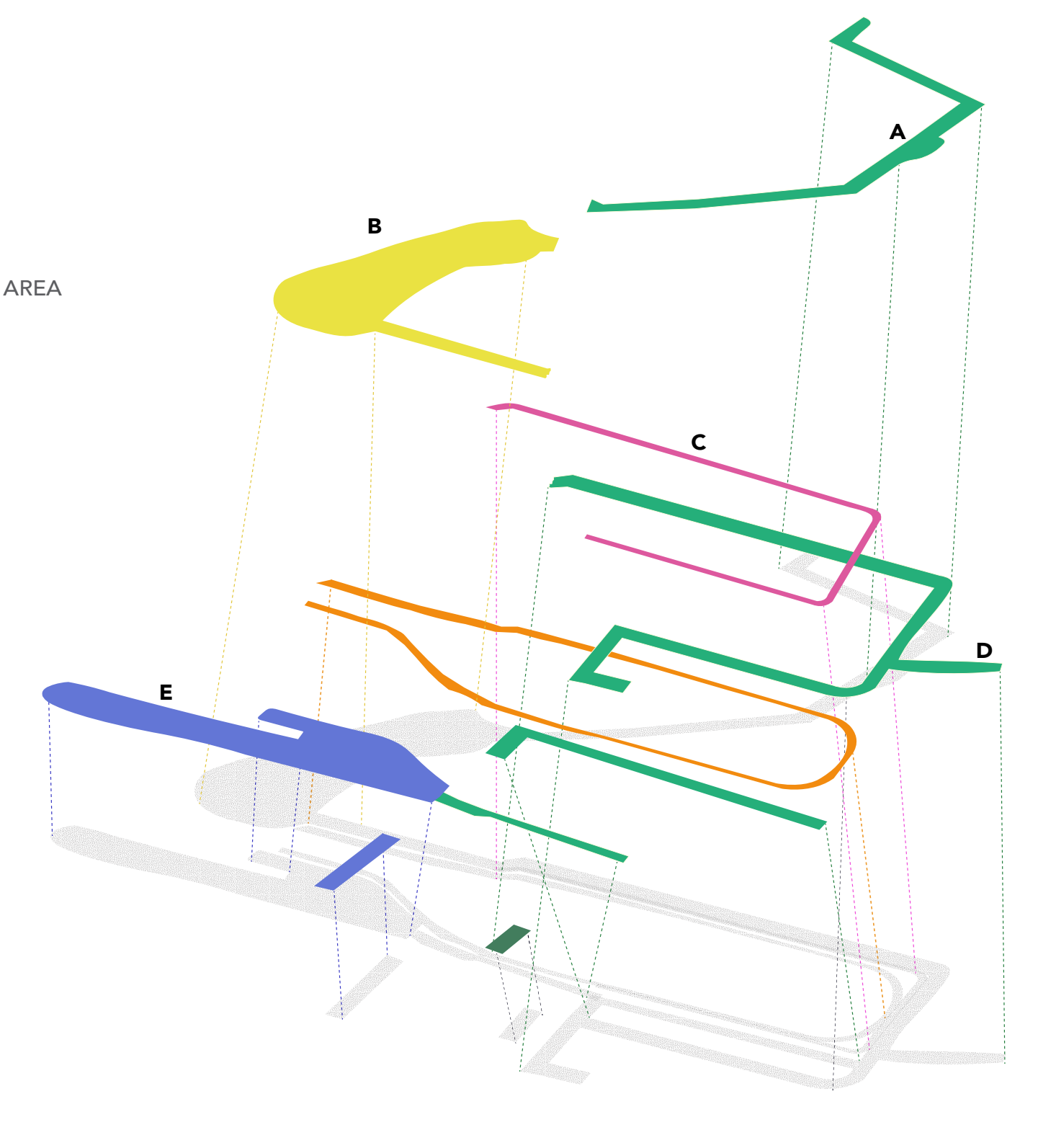


## PLAN PARTS

### THE BELLE ISLE MARSH WALK PLAN

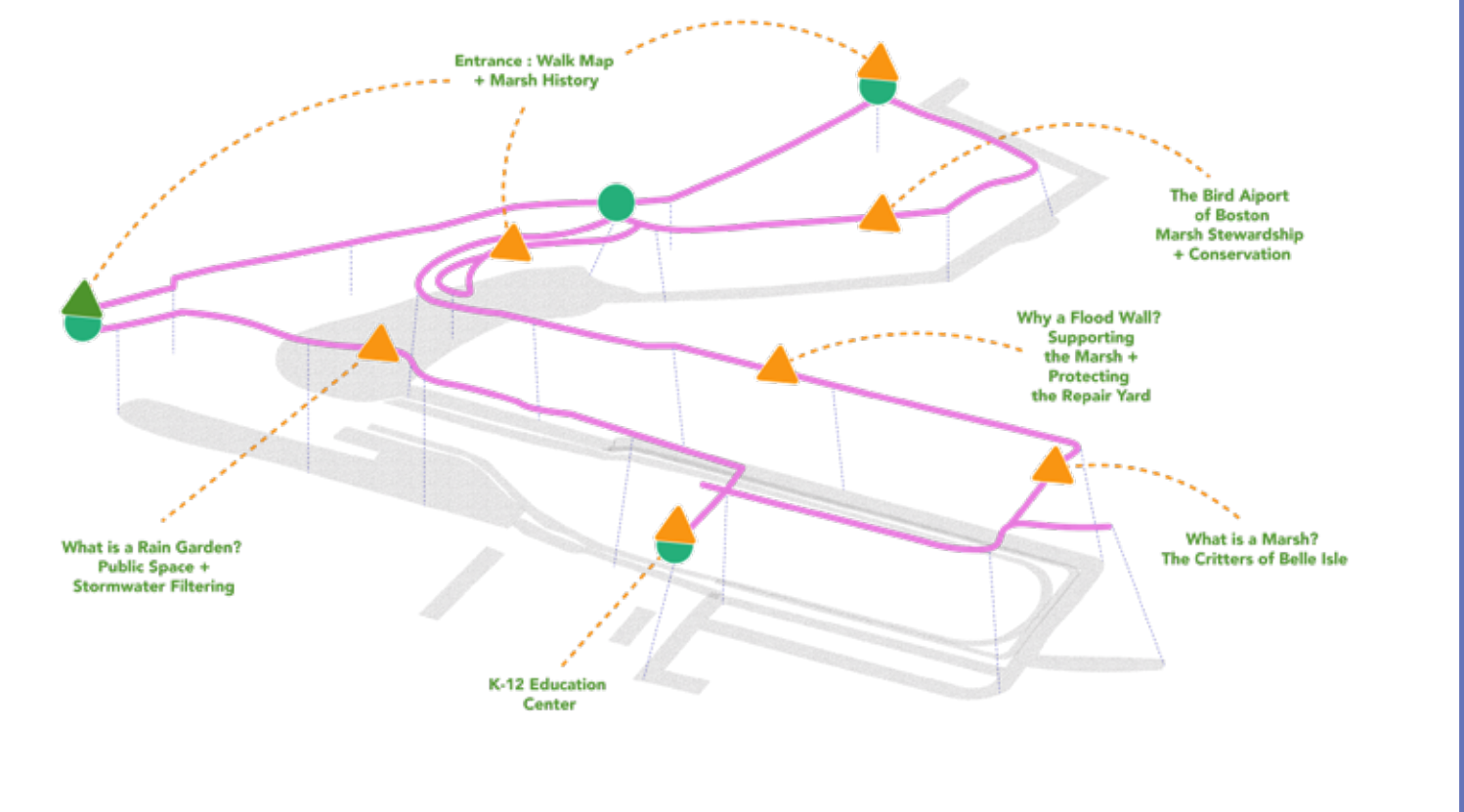
- A — MARSH WALK + BIRD OBSERVATION DECK
- B — WALKABLE LANDSCAPE PARK + RAIN CATCHMENT AREA
- C — MARSH WALK CORRIDOR
- D — MARSH WALK + NATURE OBSERVATION DECK
- E — PLAYGROUND, PARK + RAIN CATCHMENT AREA

- Education Center
- Walkable Berm
- Landscaped Flood Wall
- Gravel Lok Access Route
- Flood Wall
- Public Park, Playground + Storm Water Catchment Area

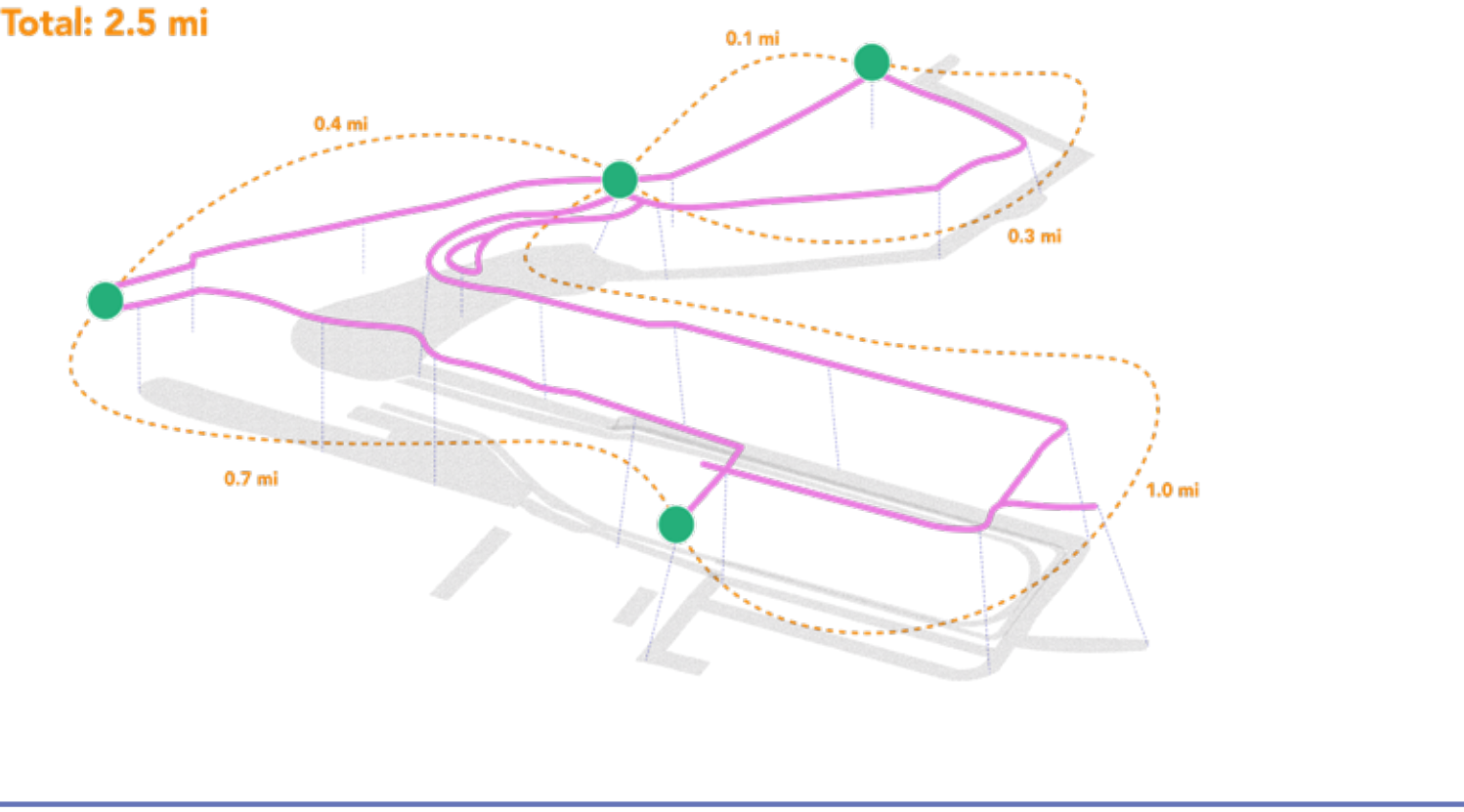


## EDUCATION

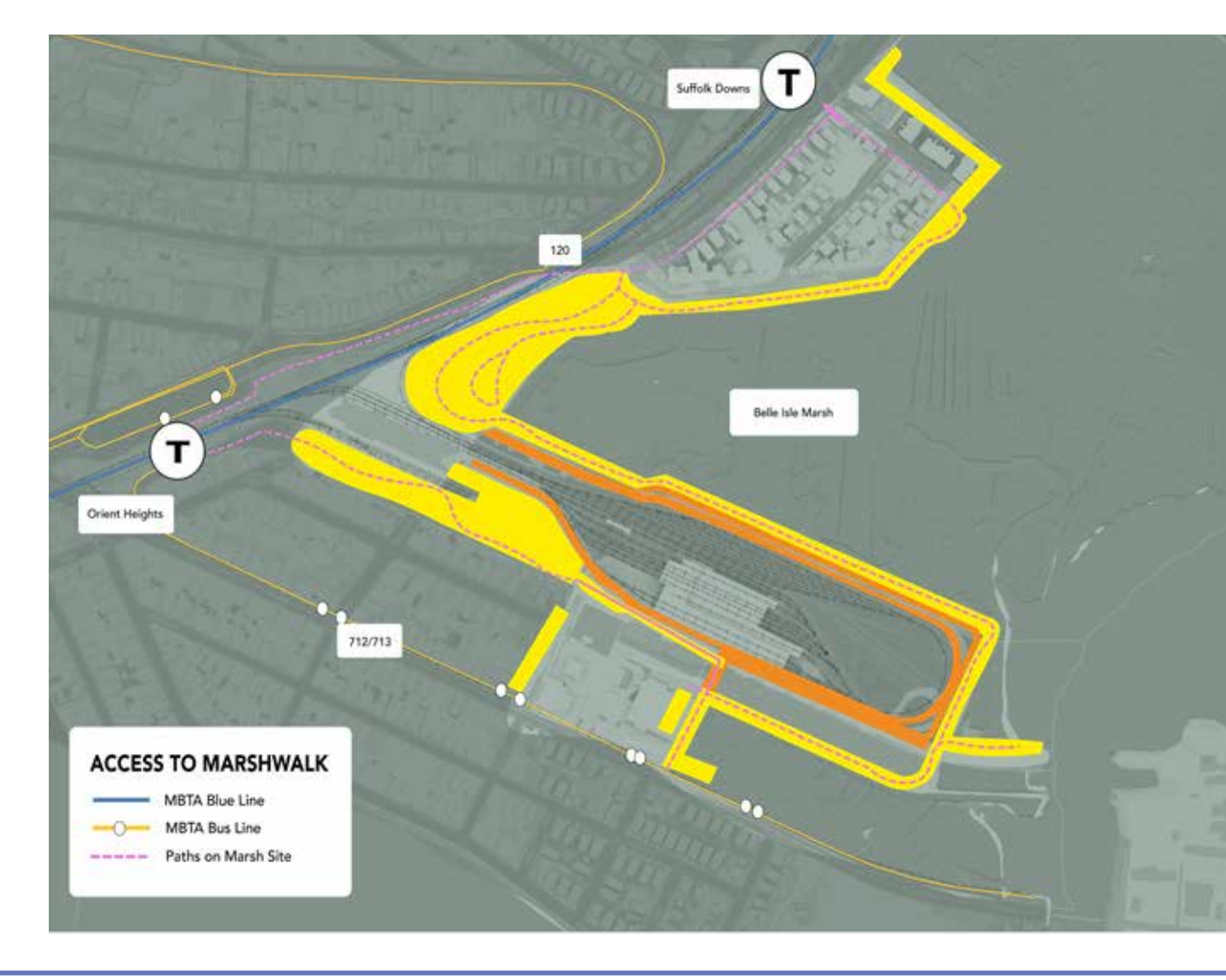
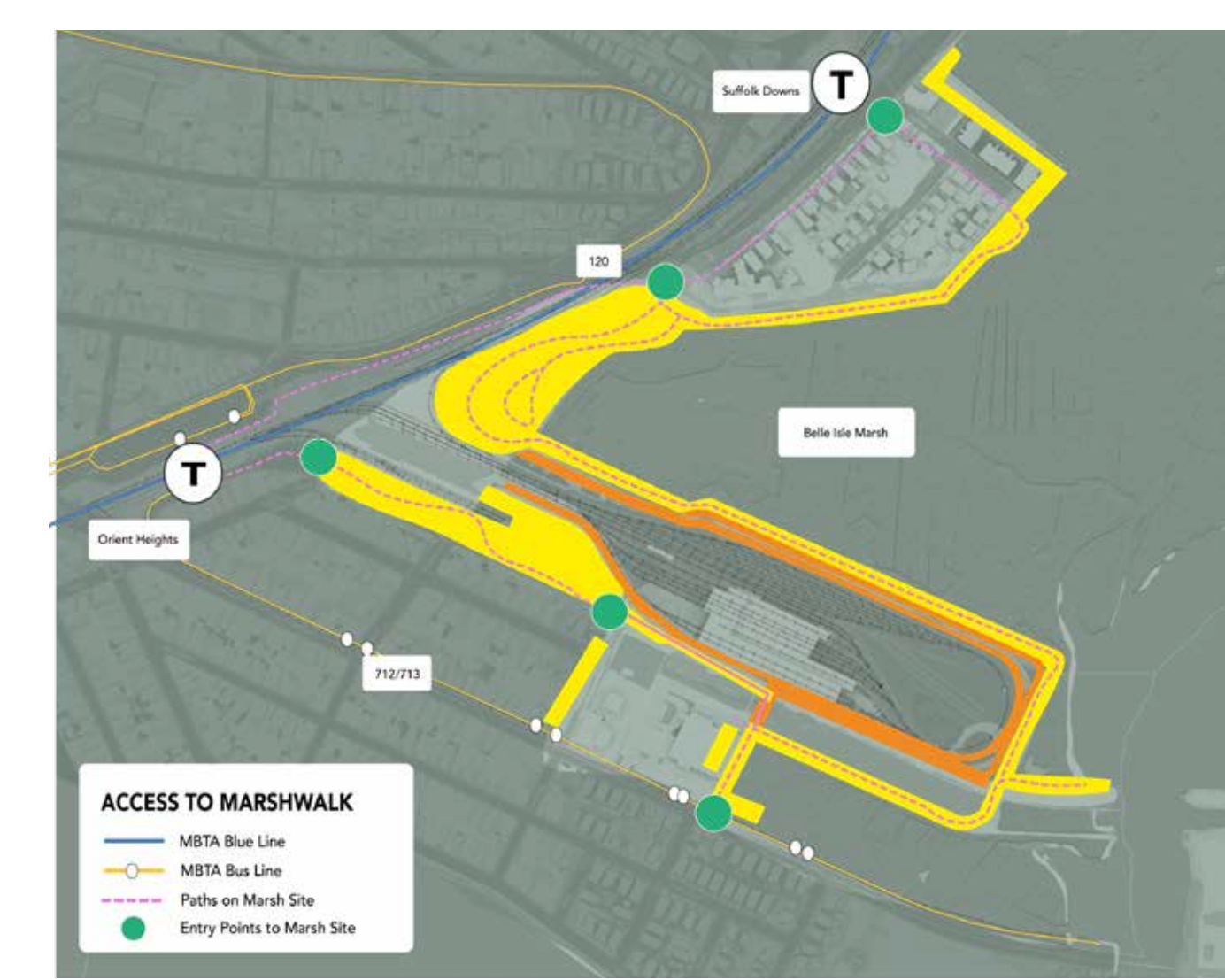
### THE BELLE ISLE MARSH WALK EDUCATIONAL PANELS



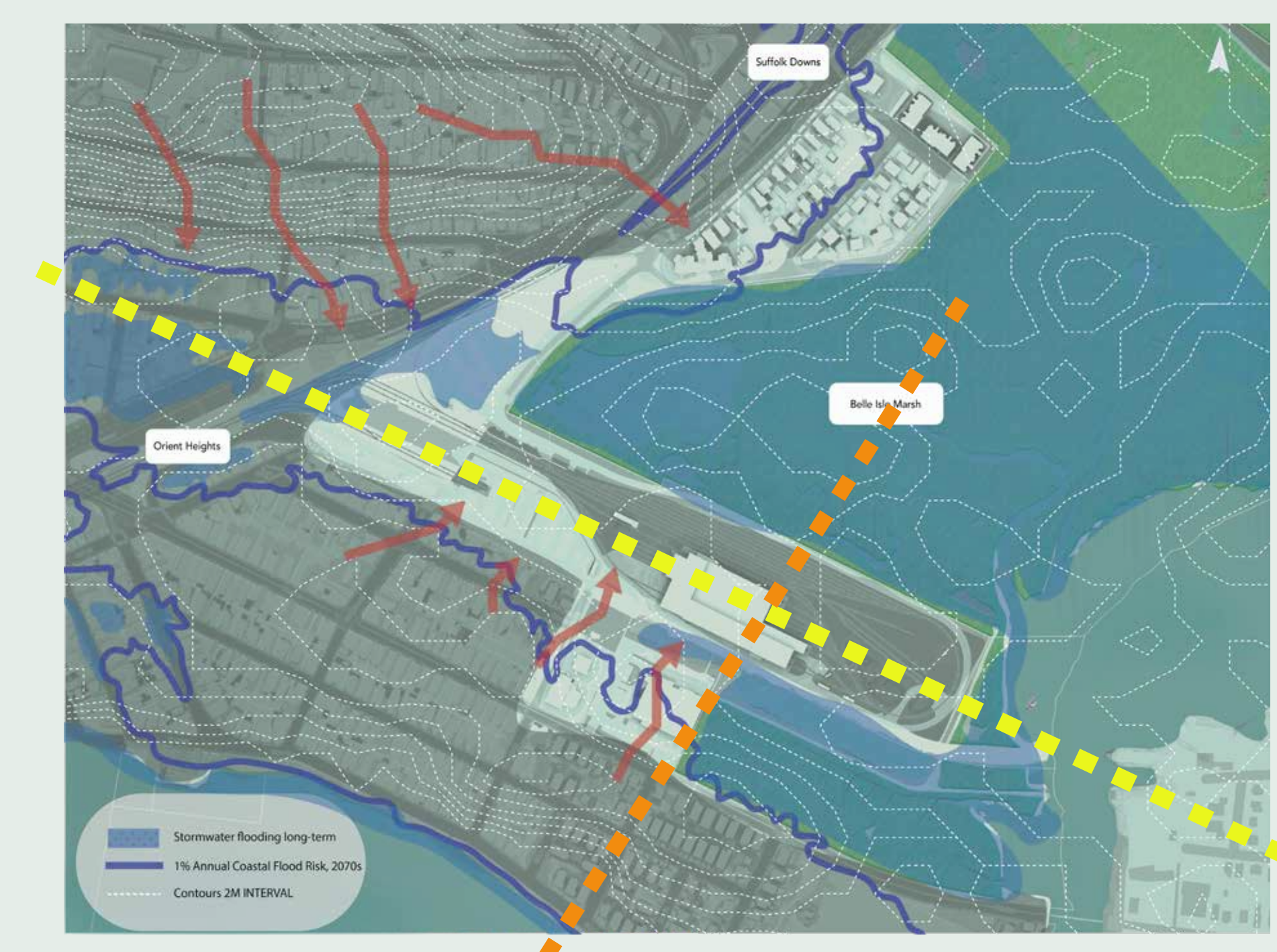
### THE BELLE ISLE MARSH WALK ON-SITE CIRCULATION



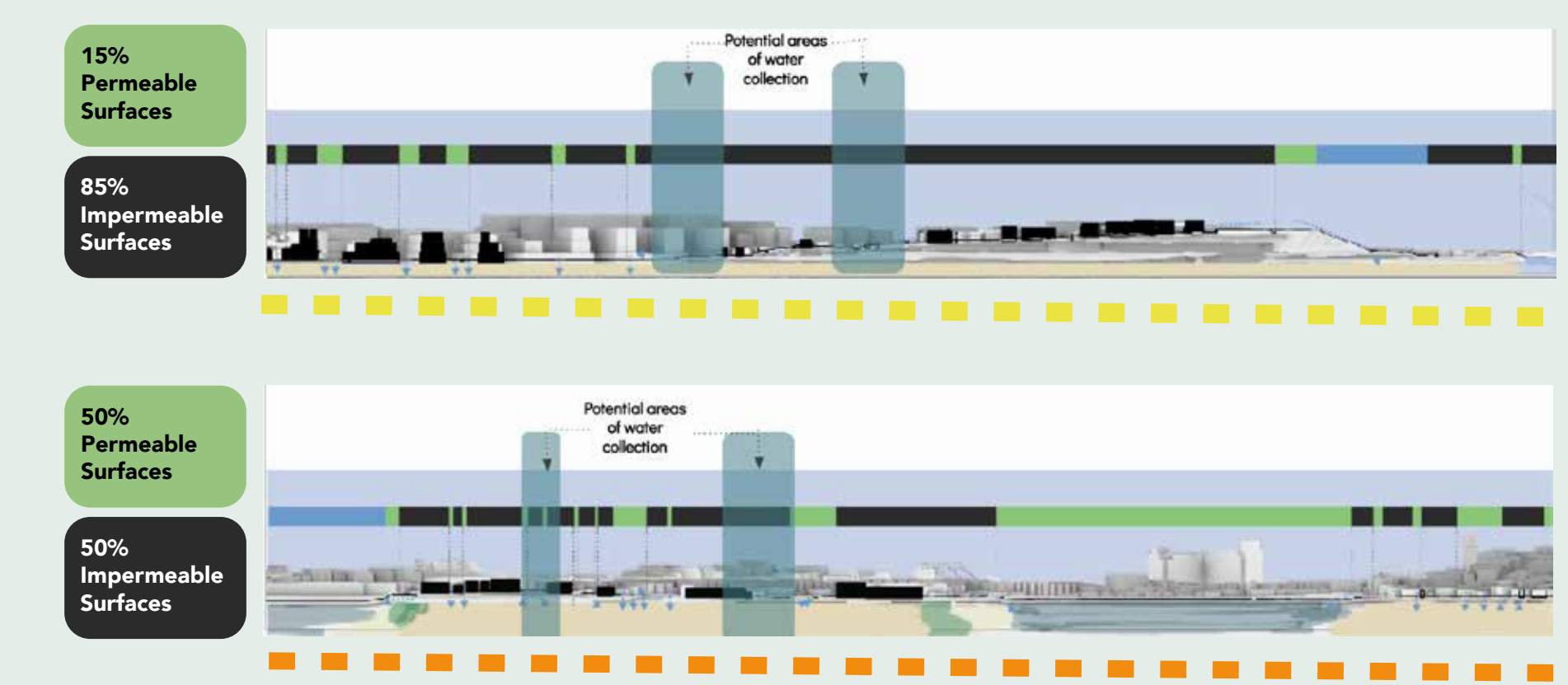
## MOBILITY



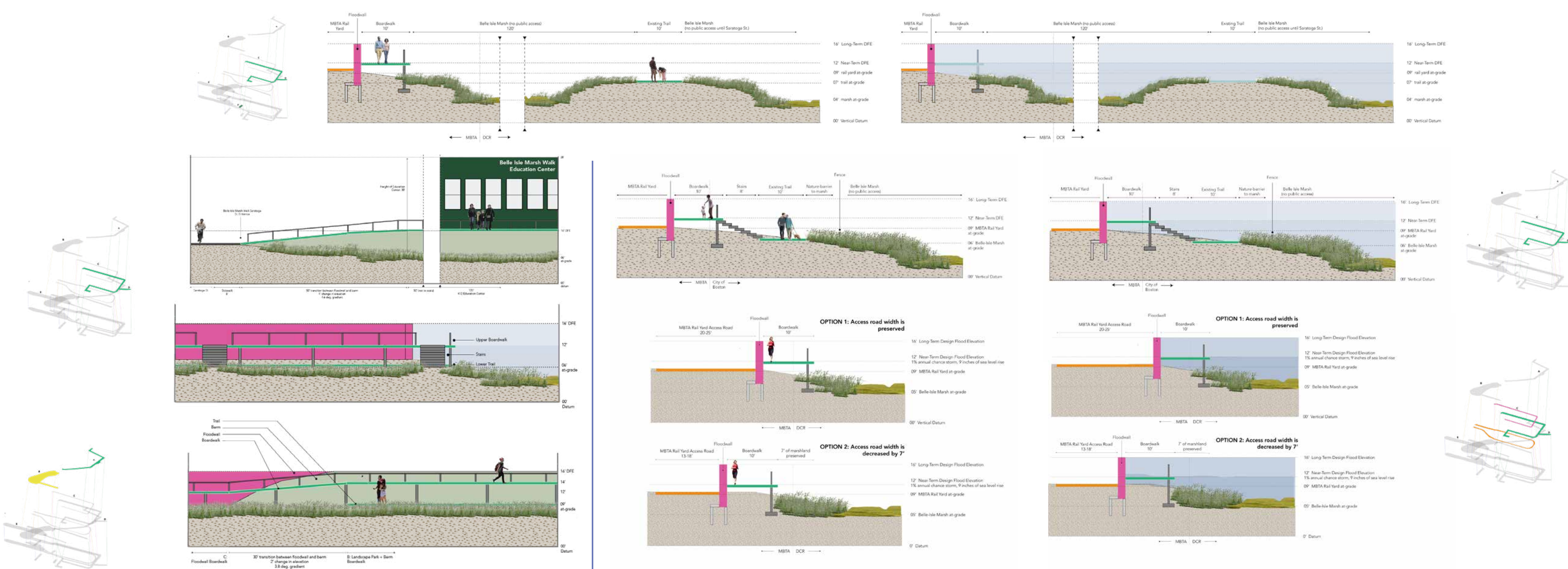
### WATERSHEDS AND STORMWATER RUNOFF



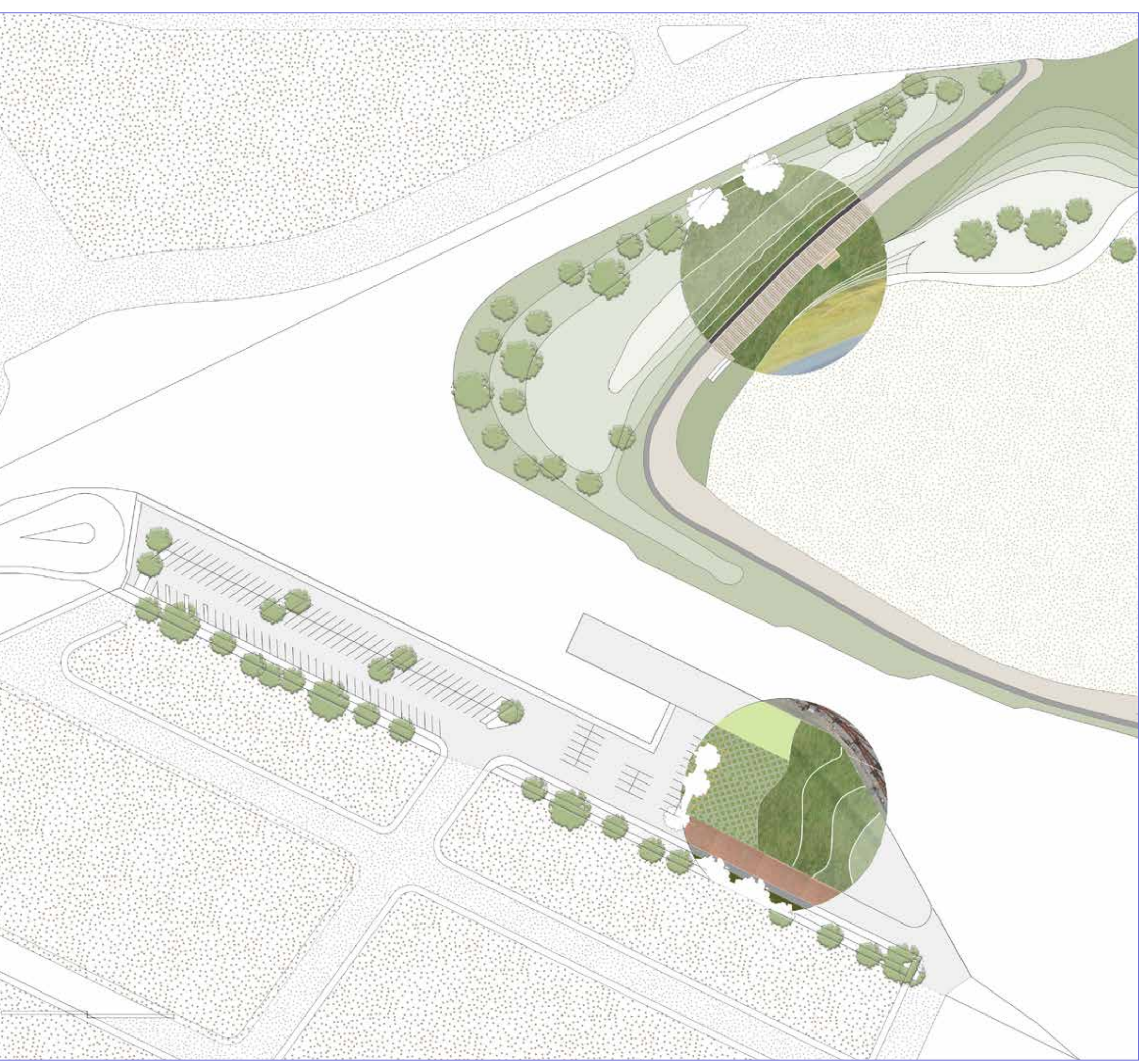
### IMPERMEABLE SURFACE COVERAGE ON-SITE



## TRANSECTS + ELEVATIONS



VIEWS OF SITES B + F



### BUILDING AGE IN REPAIR YARD AREA

