

Remix of Green Infrastructure

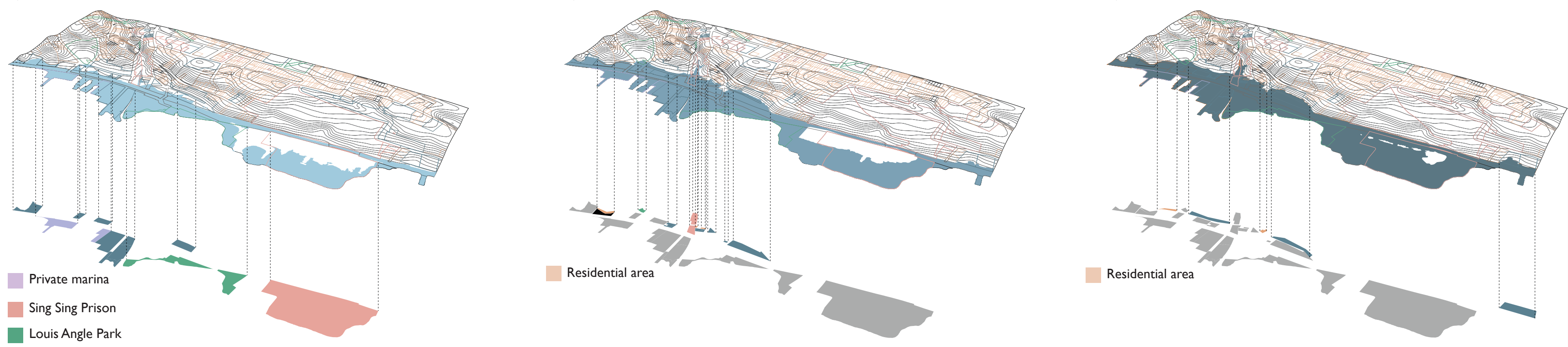
LA 7010 Advanced Studio Yuyao Liu

Accoding to flooding and water level rise issue, the waterfront in Ossining stresses on how to change into a more protective and useful one. Apart from water issue, there are also several restrints like transportation, pulic preference, seperating open space. After exploring those questions, I am thinking to try to use a remix of green infrastructure combined with constructions to solve them, hoping to improve the relationship within people, water and green infrastucture.

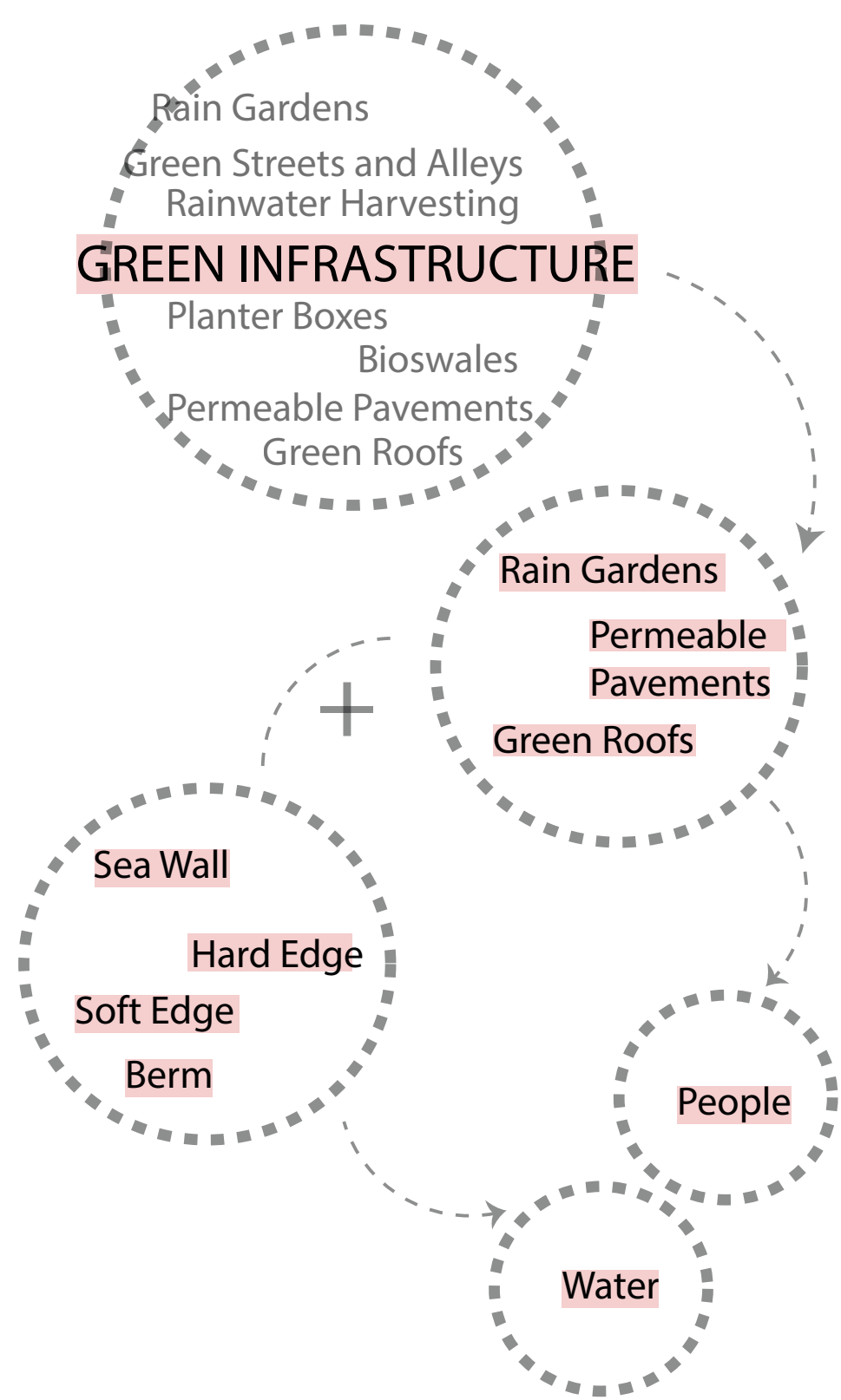
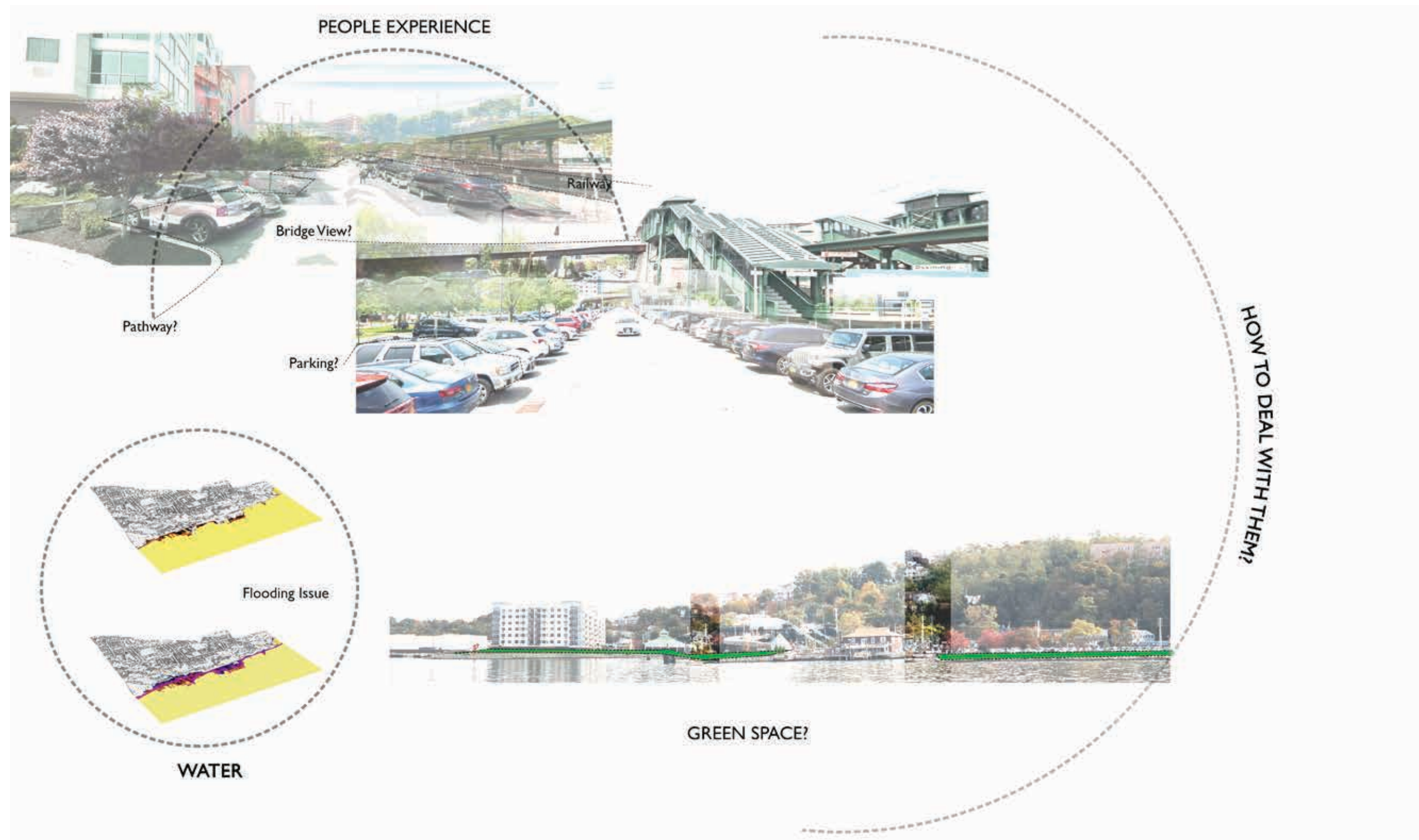
Looking at land use changes in different stage, I find out the green space will be submerged in 100-year flooding in coming 2020, then explore the solutions by using green infrastructure and constructions. Designing the waterfront area for multiple functions, especially for people to get more relaxing experience, for example, I design new floating deck, pathway, garages with green roof, which can provide different aspects of human activities. In a long time, the waterfront could be a hot spot for people to visit and relax.

Land Use

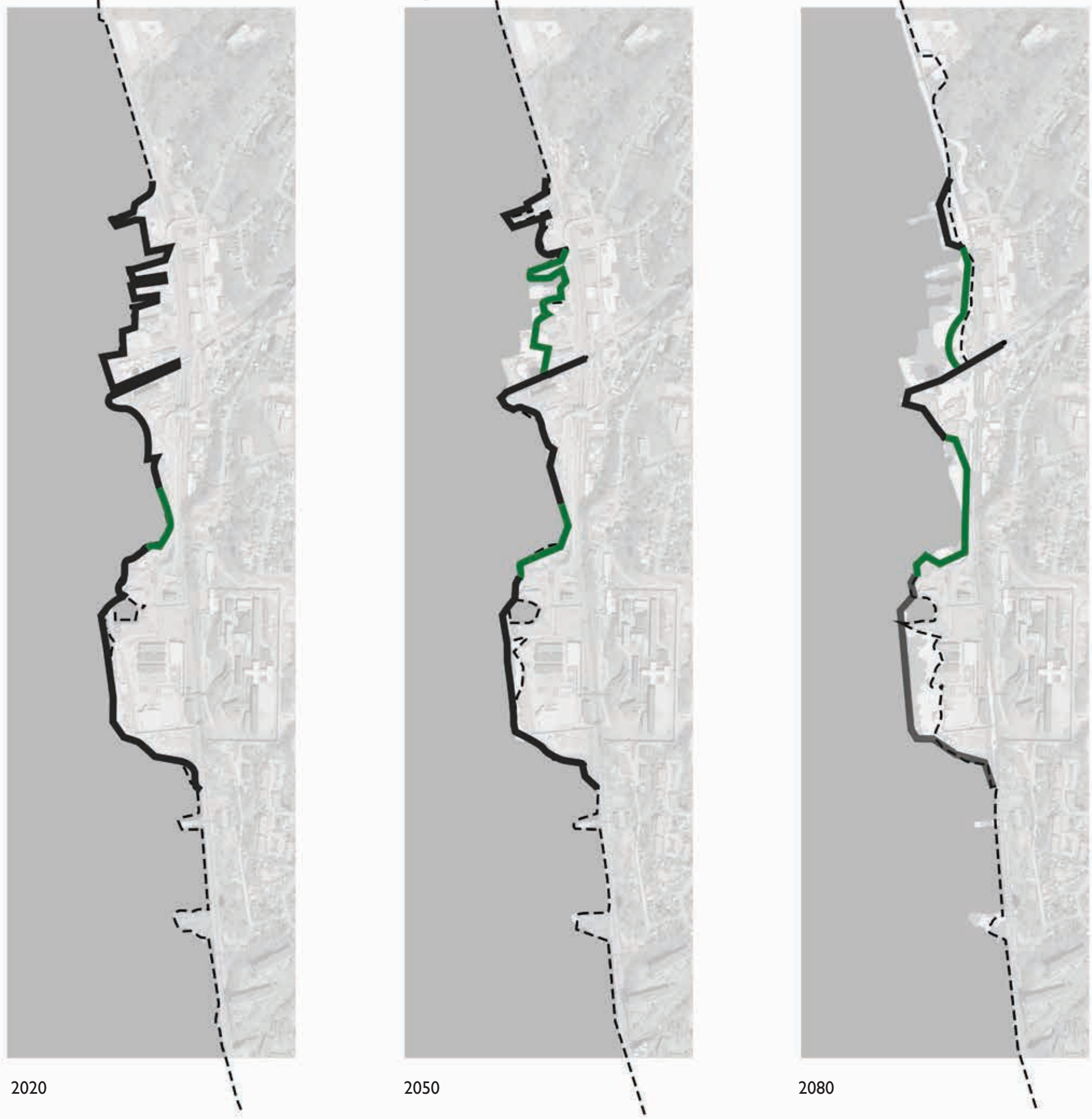
Instructions Industries & warehouse Empty space
Green space Private recreation



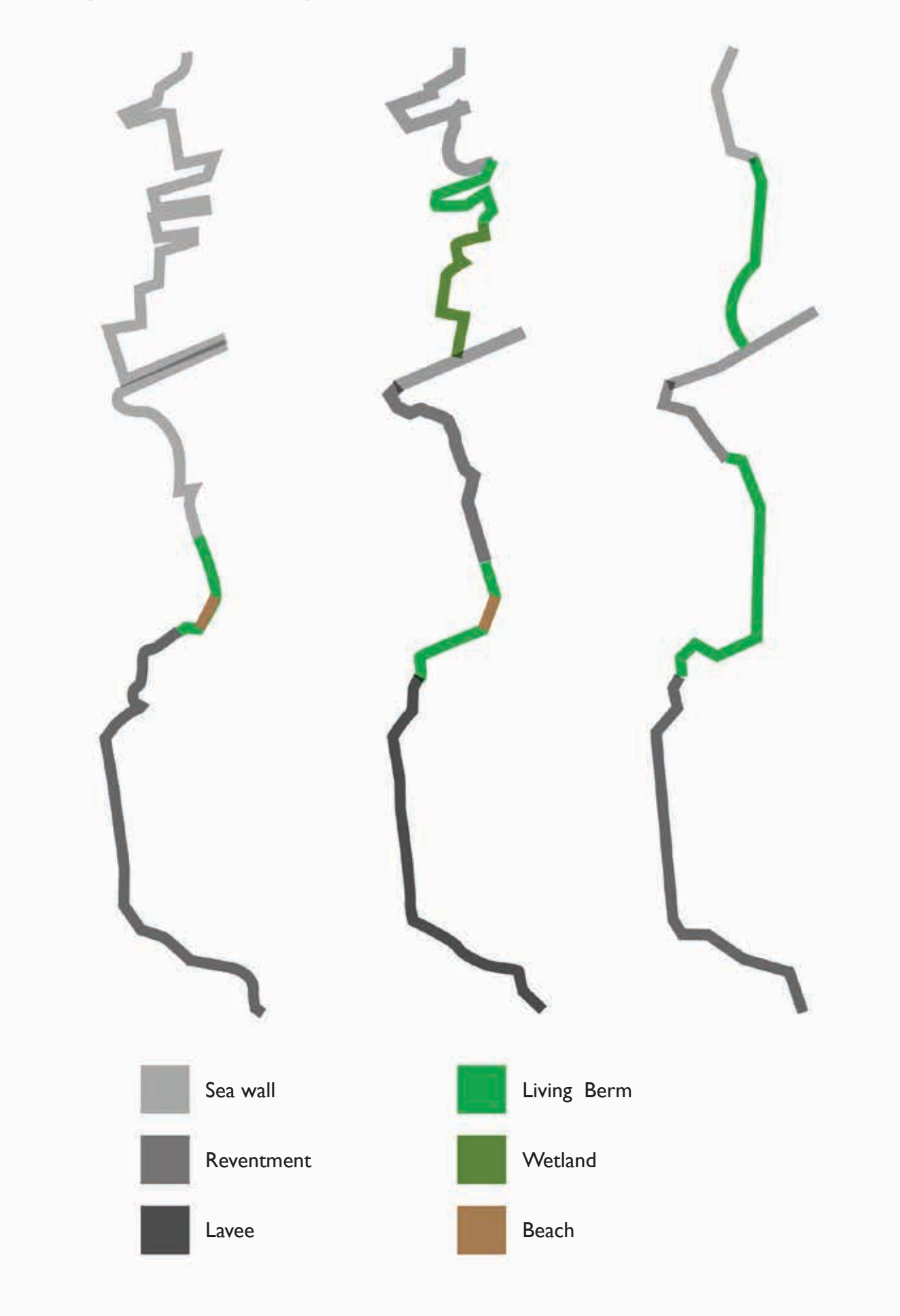
Concept & Strategies



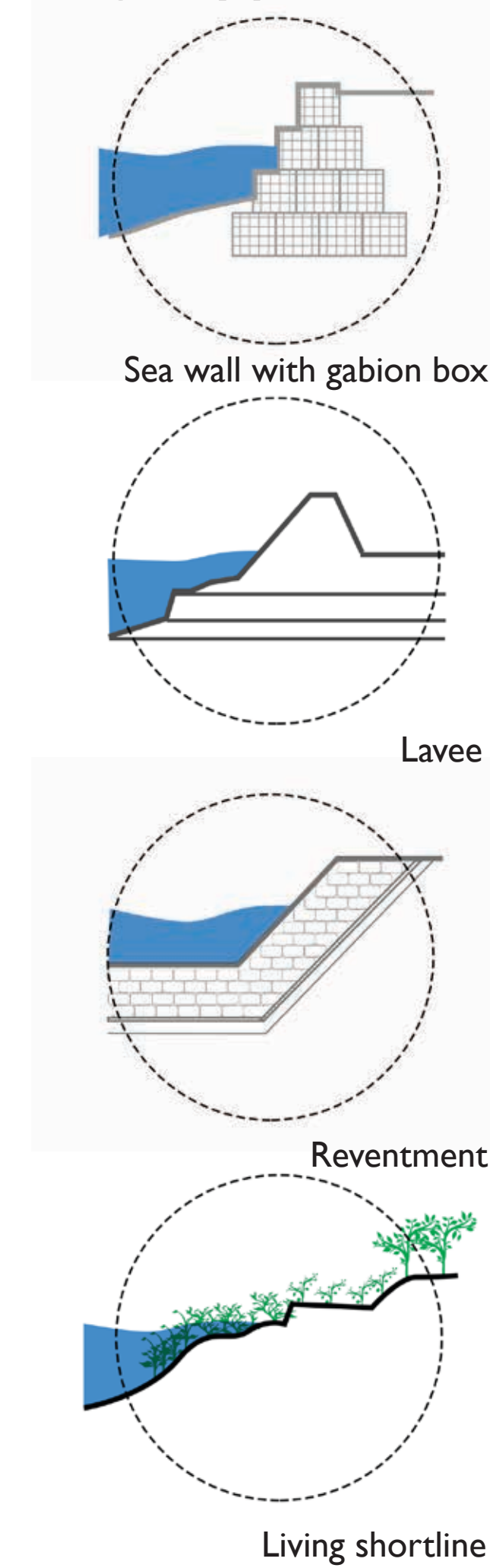
Sea Level Rise Analysis



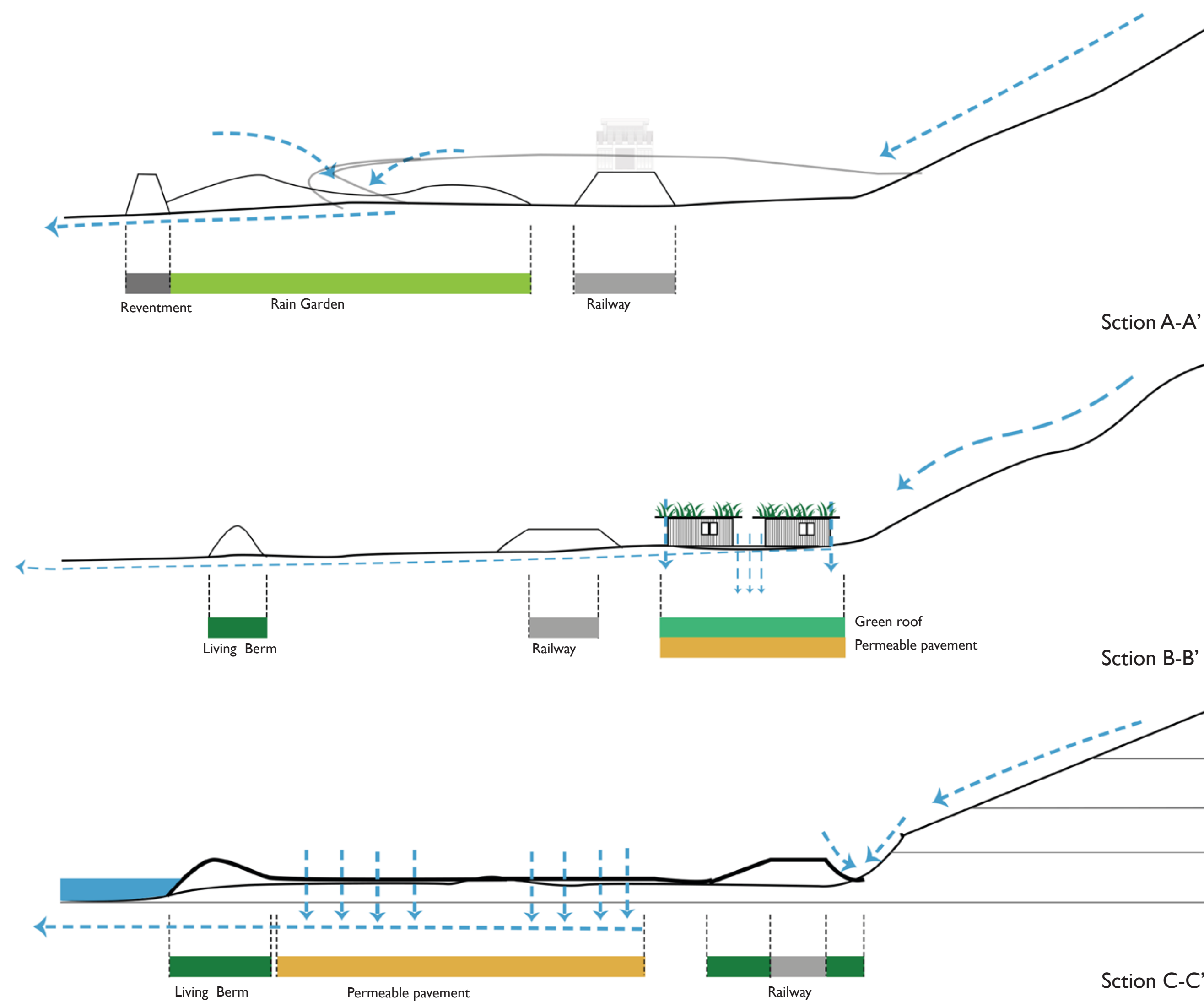
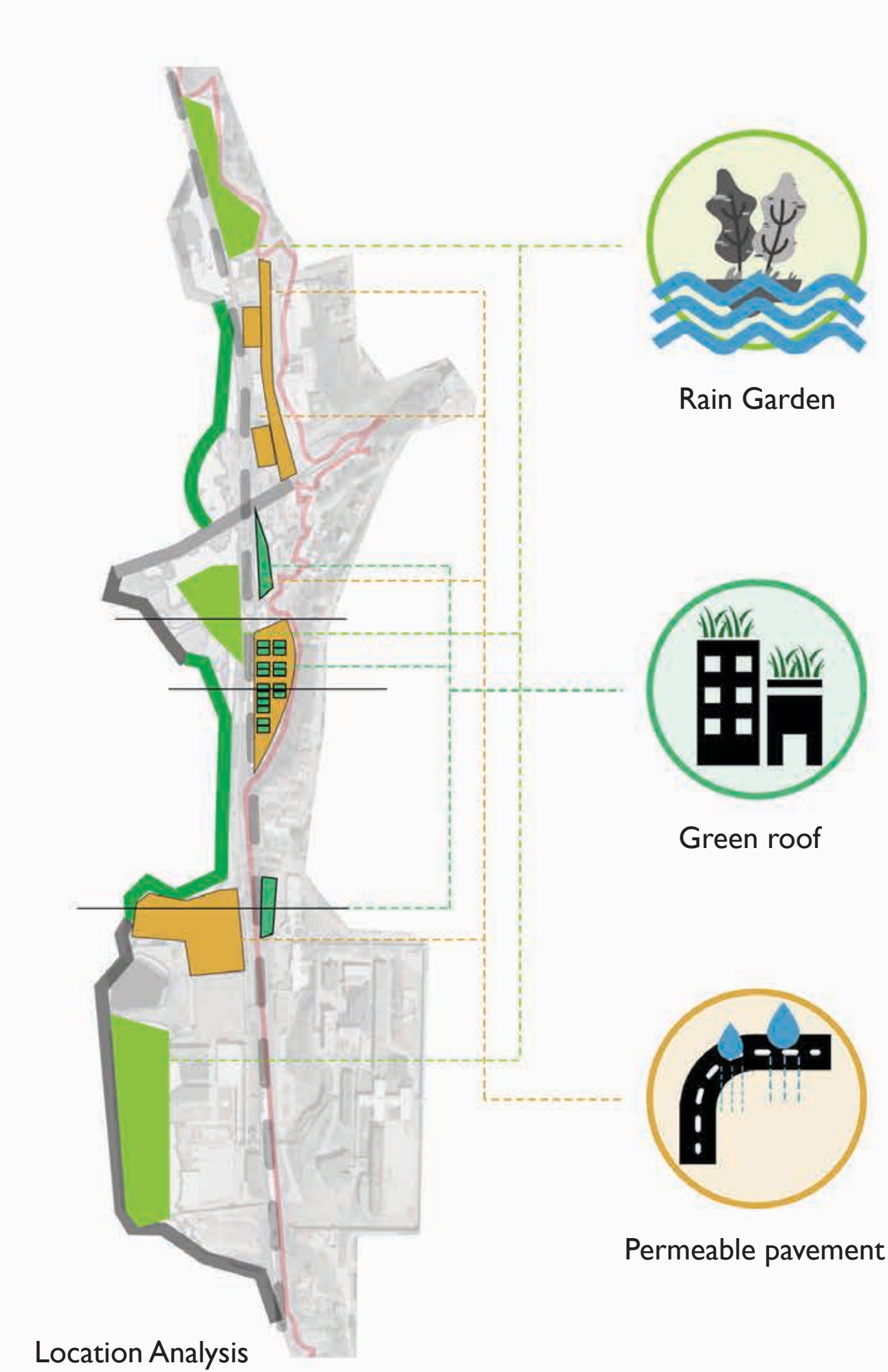
Edge Change



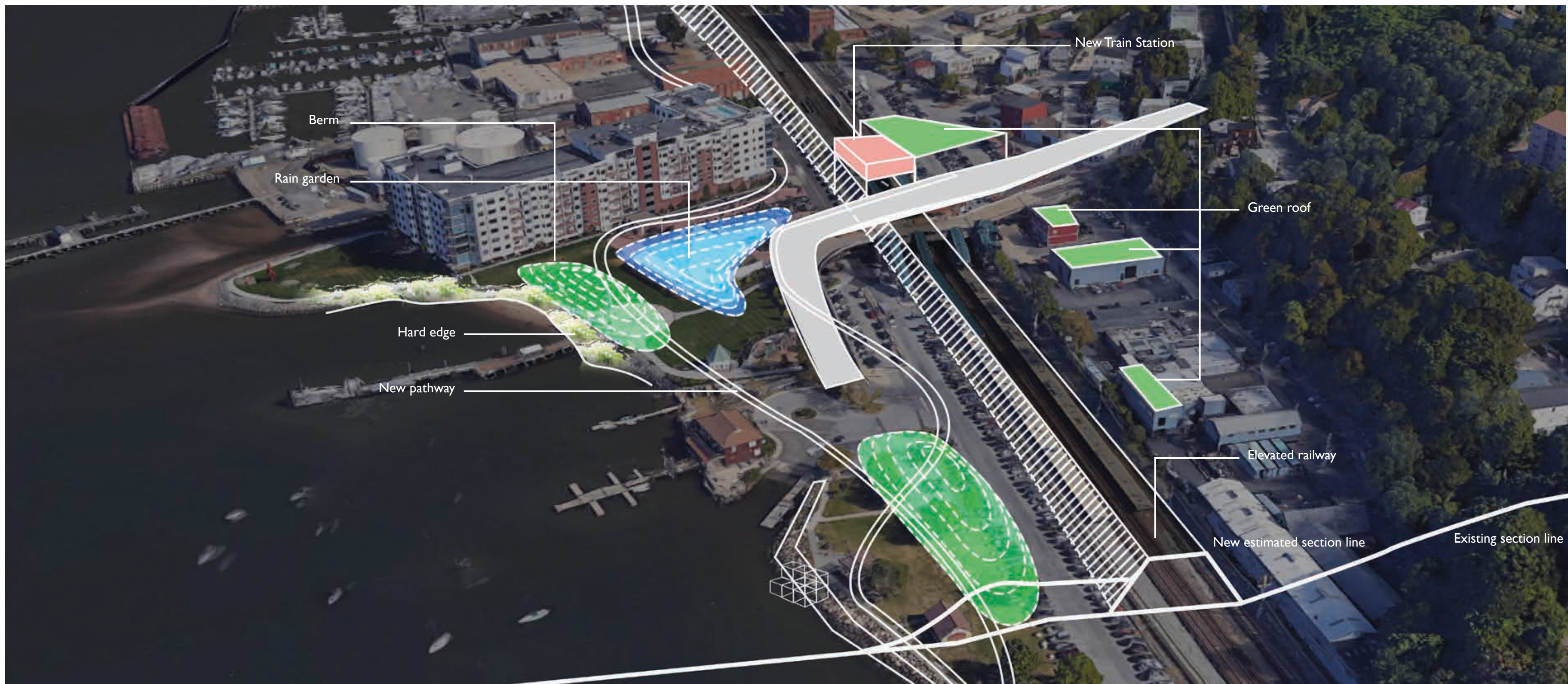
Edge Type



Green Infrastructure Analysis



Concept & Strategies

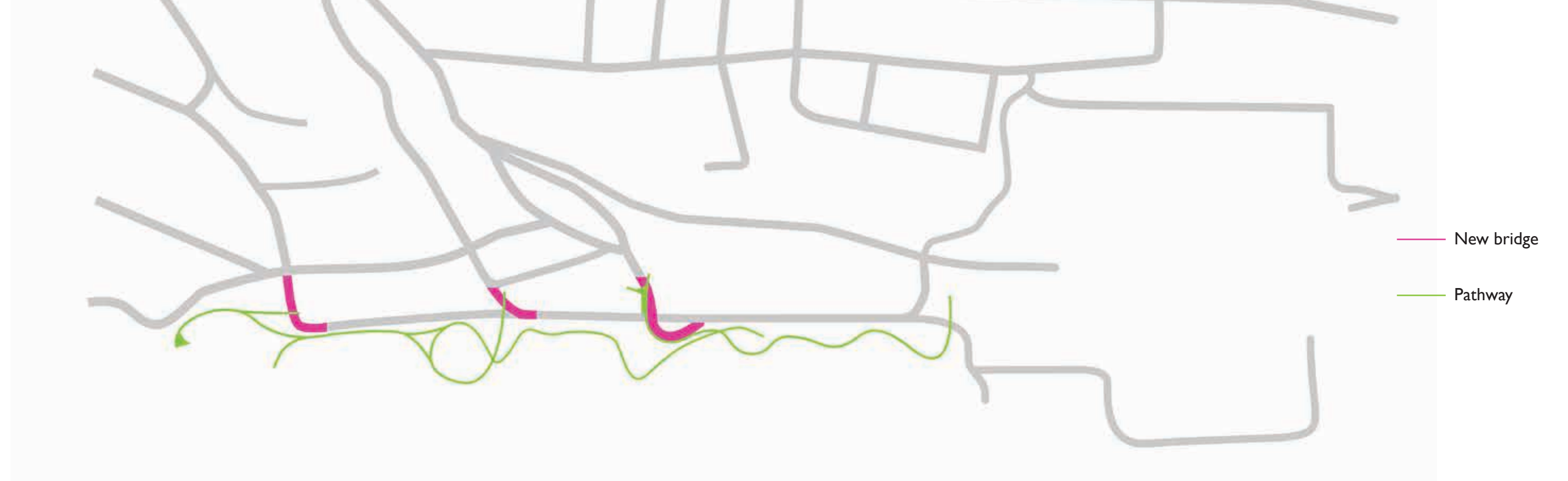


Road Analysis

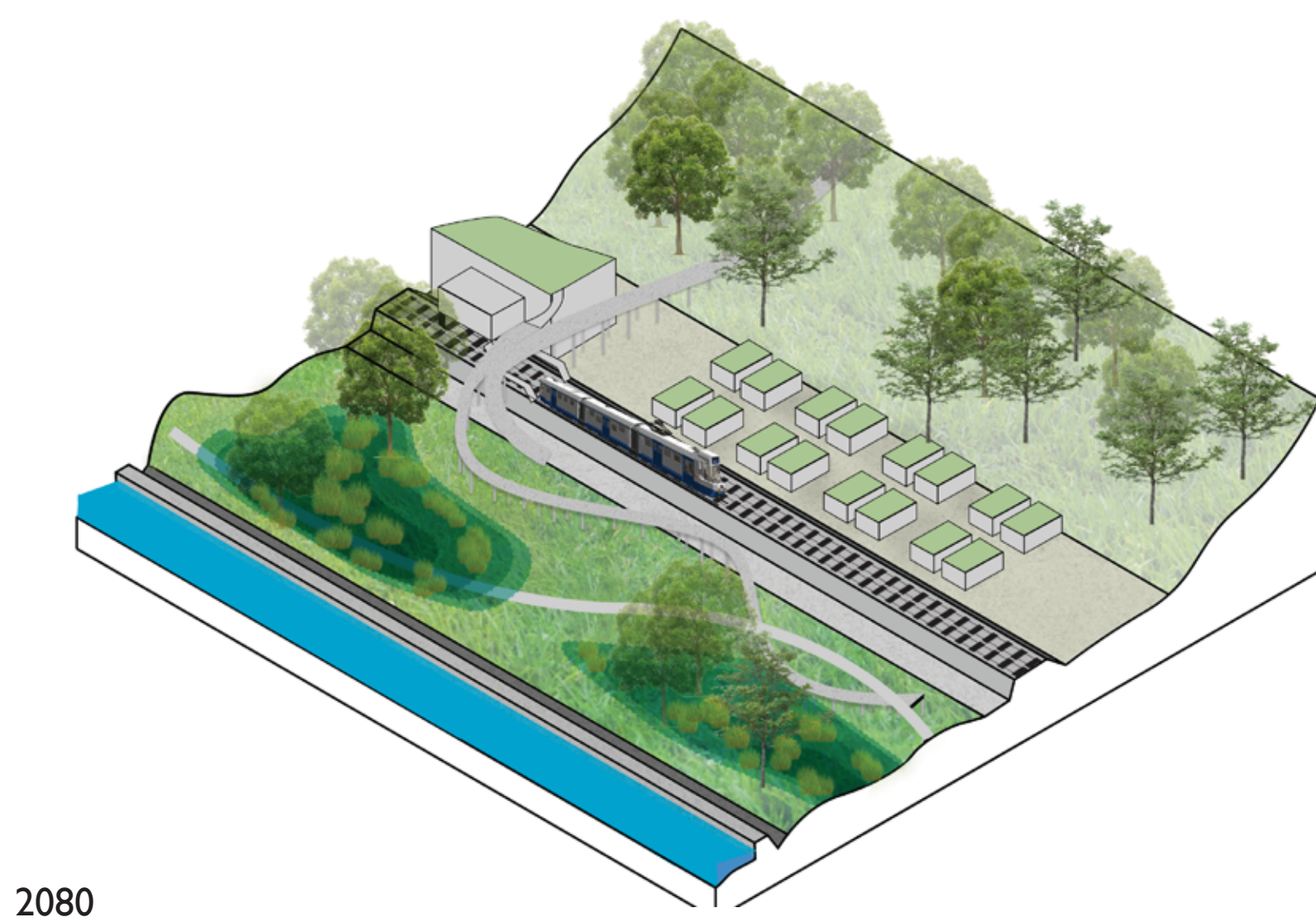
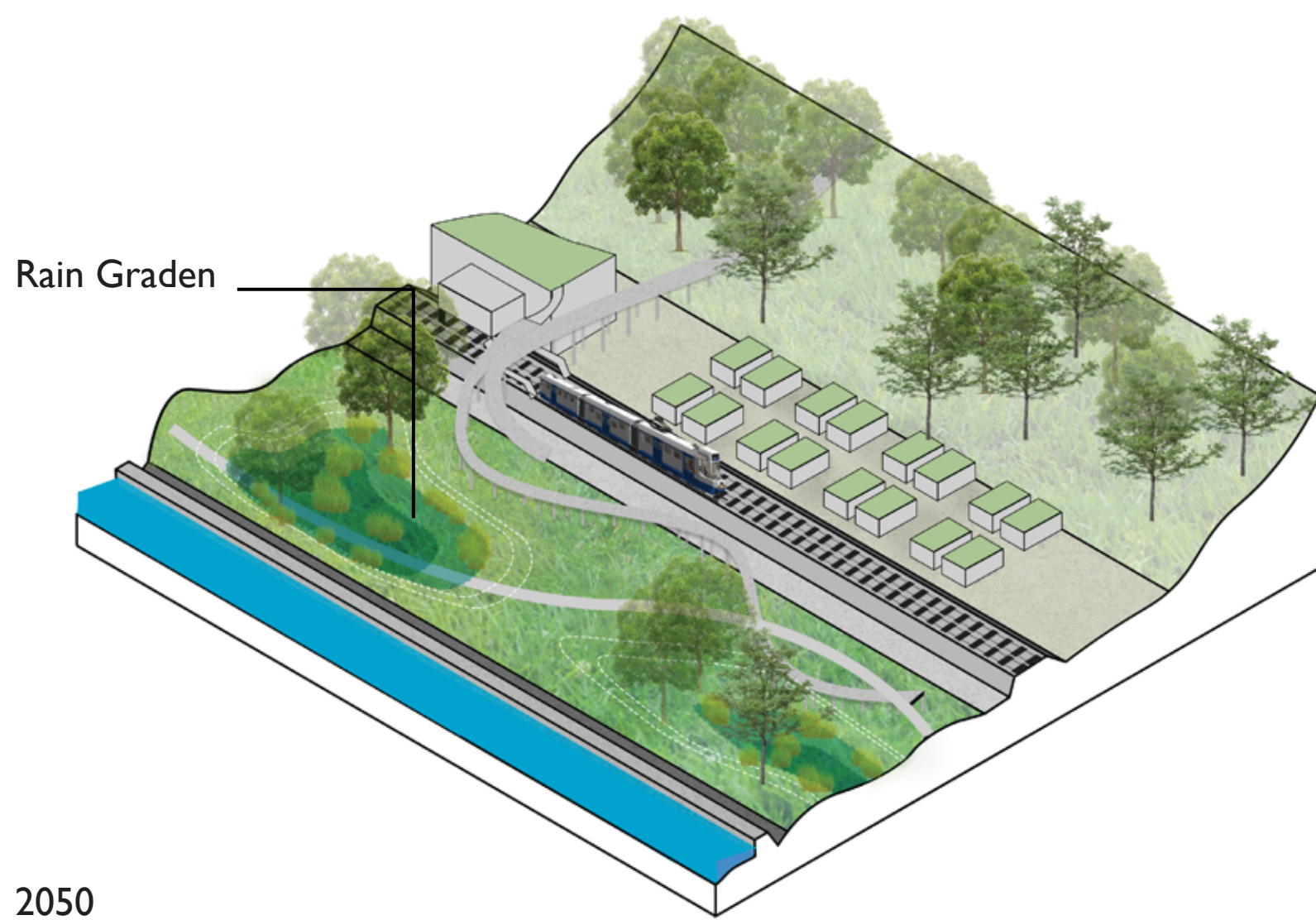
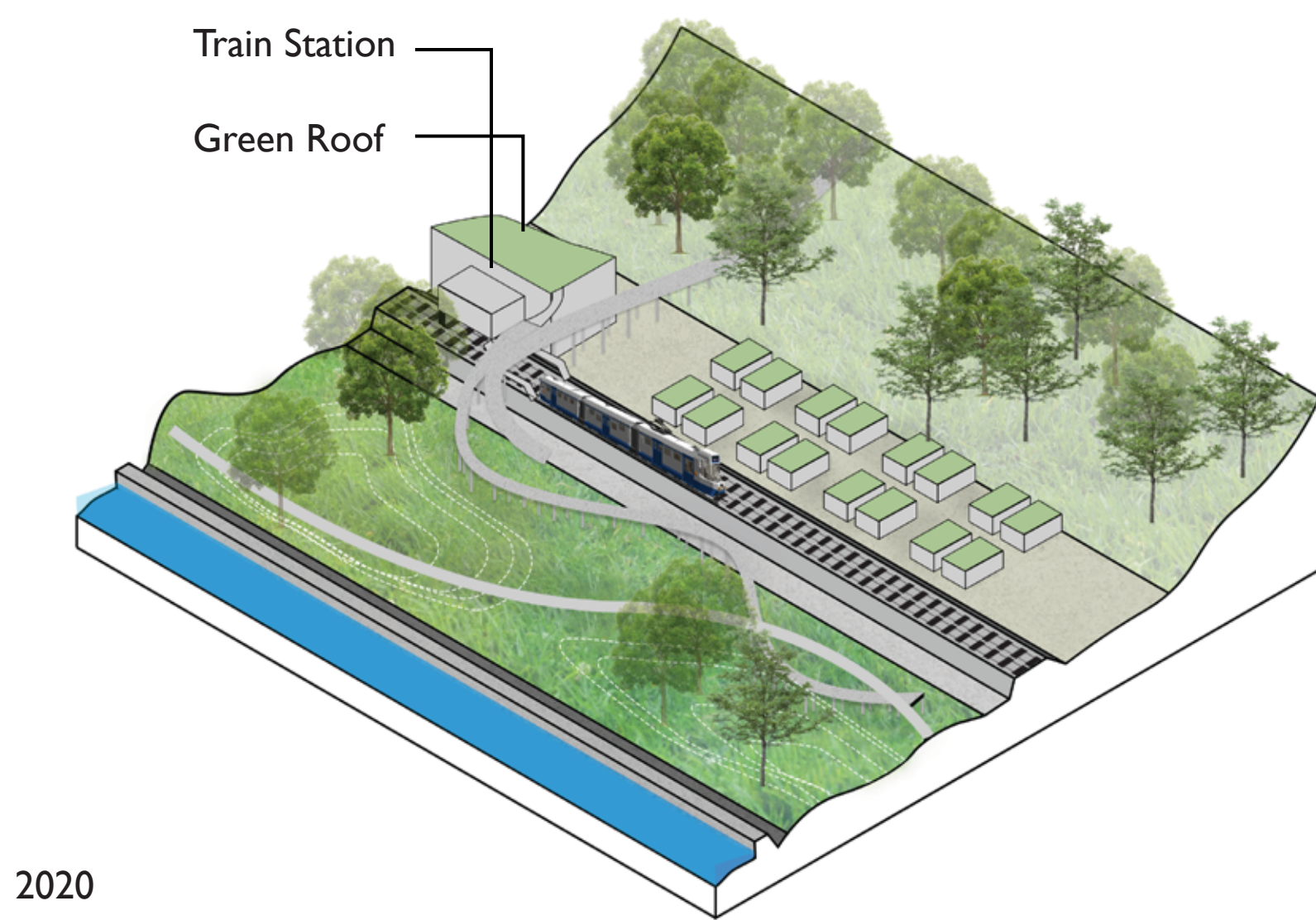
Exsiting & Future



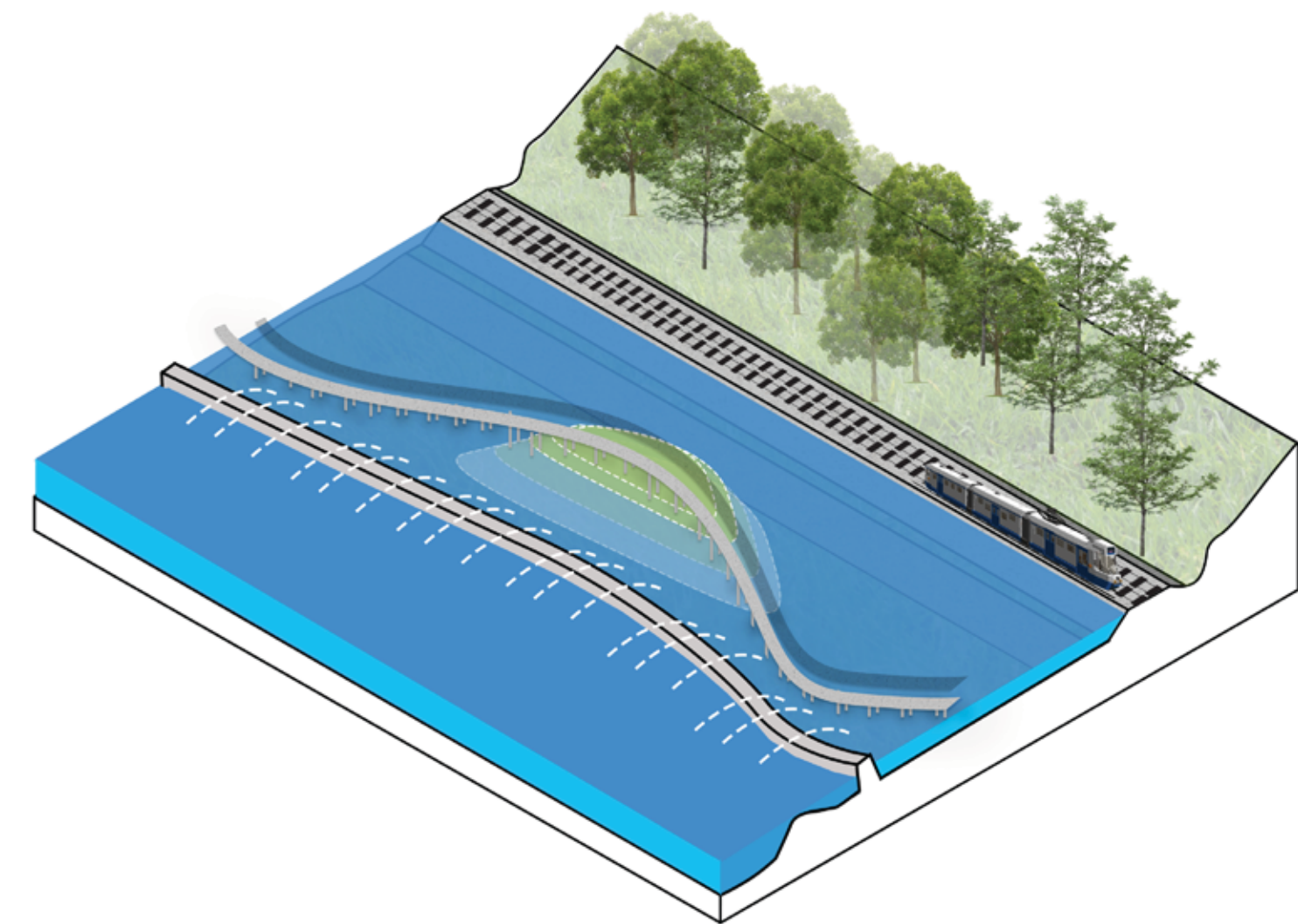
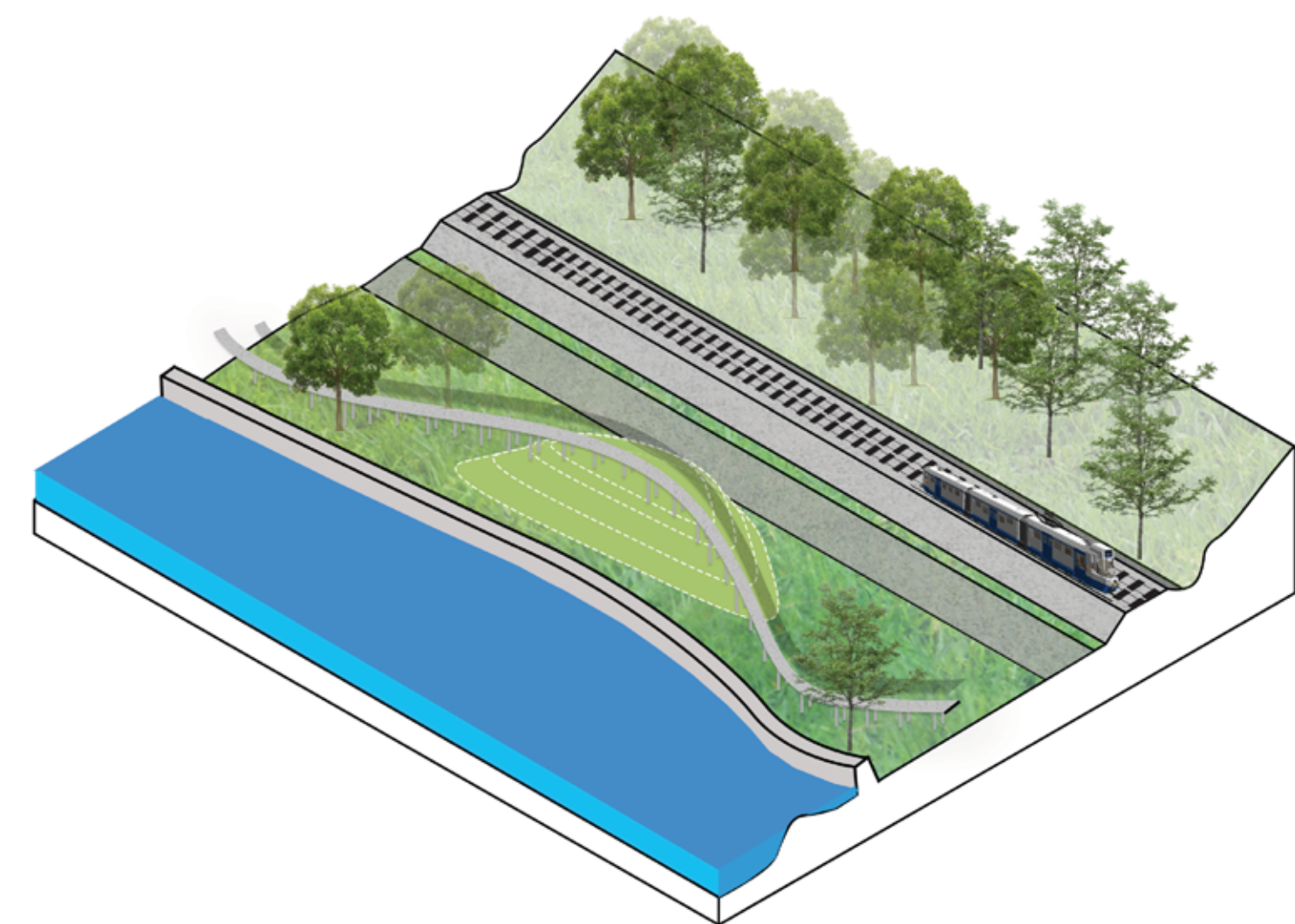
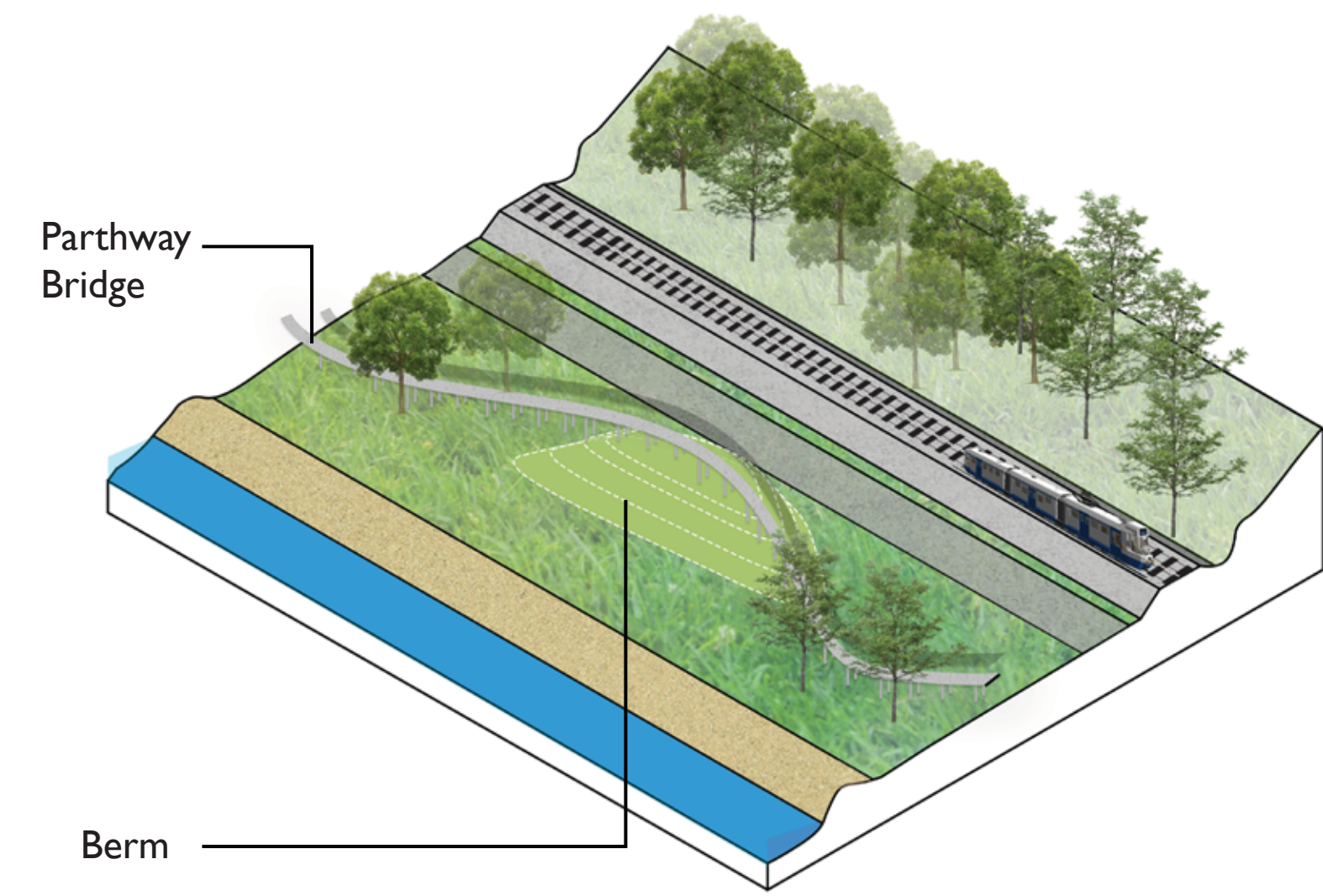
Road & Pathway



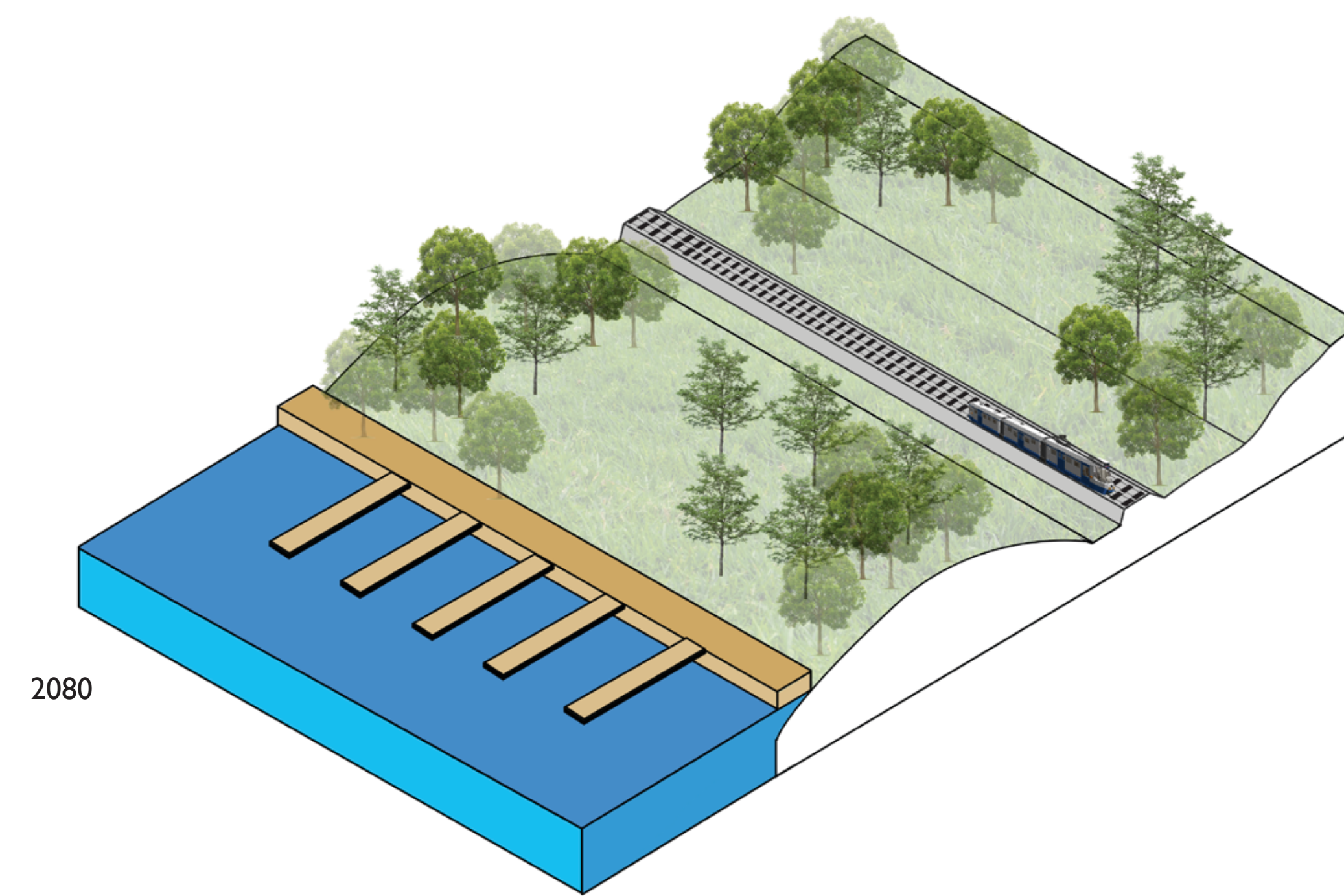
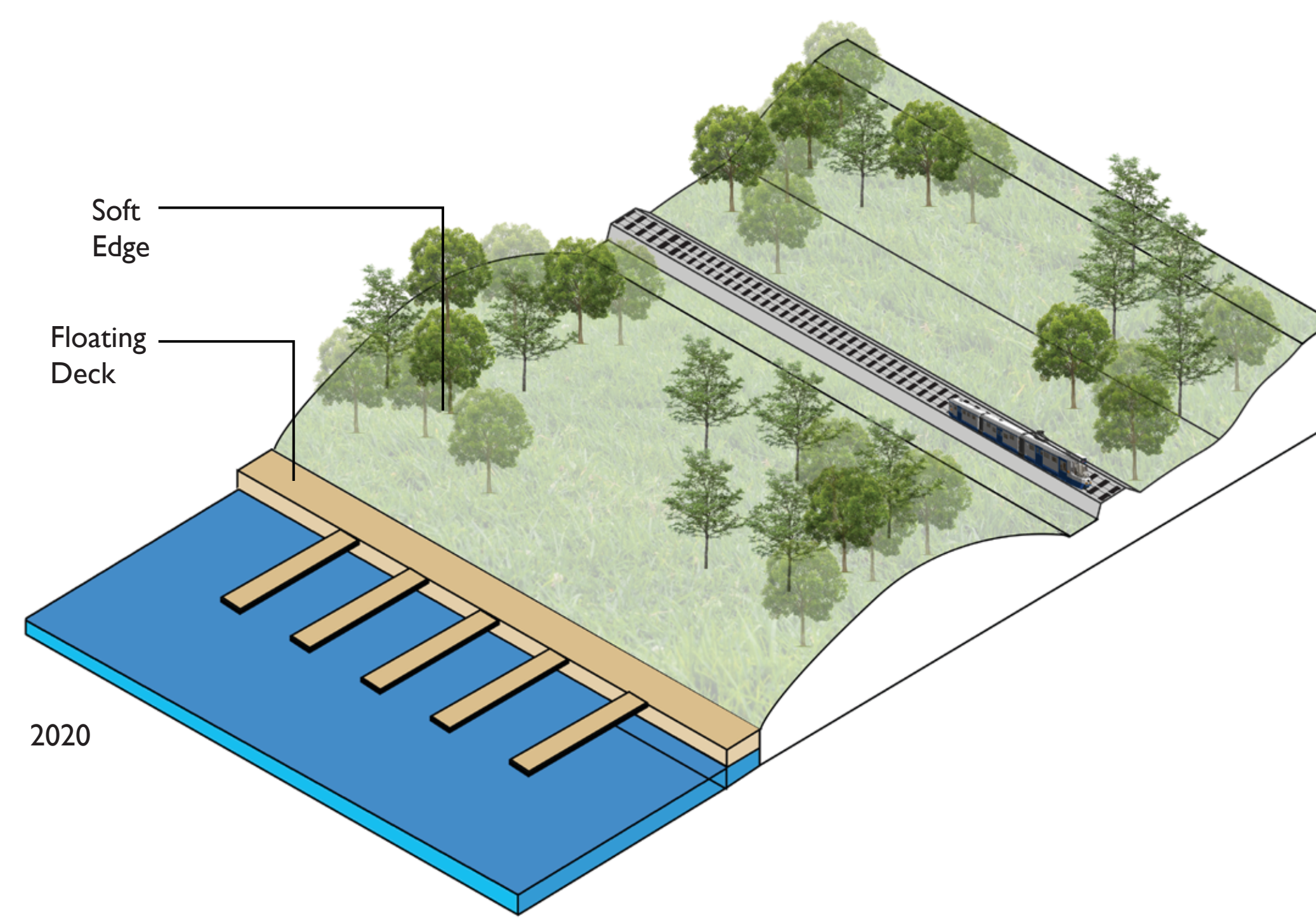
Axon Analysis



Train Station
Rain garden & Green roof

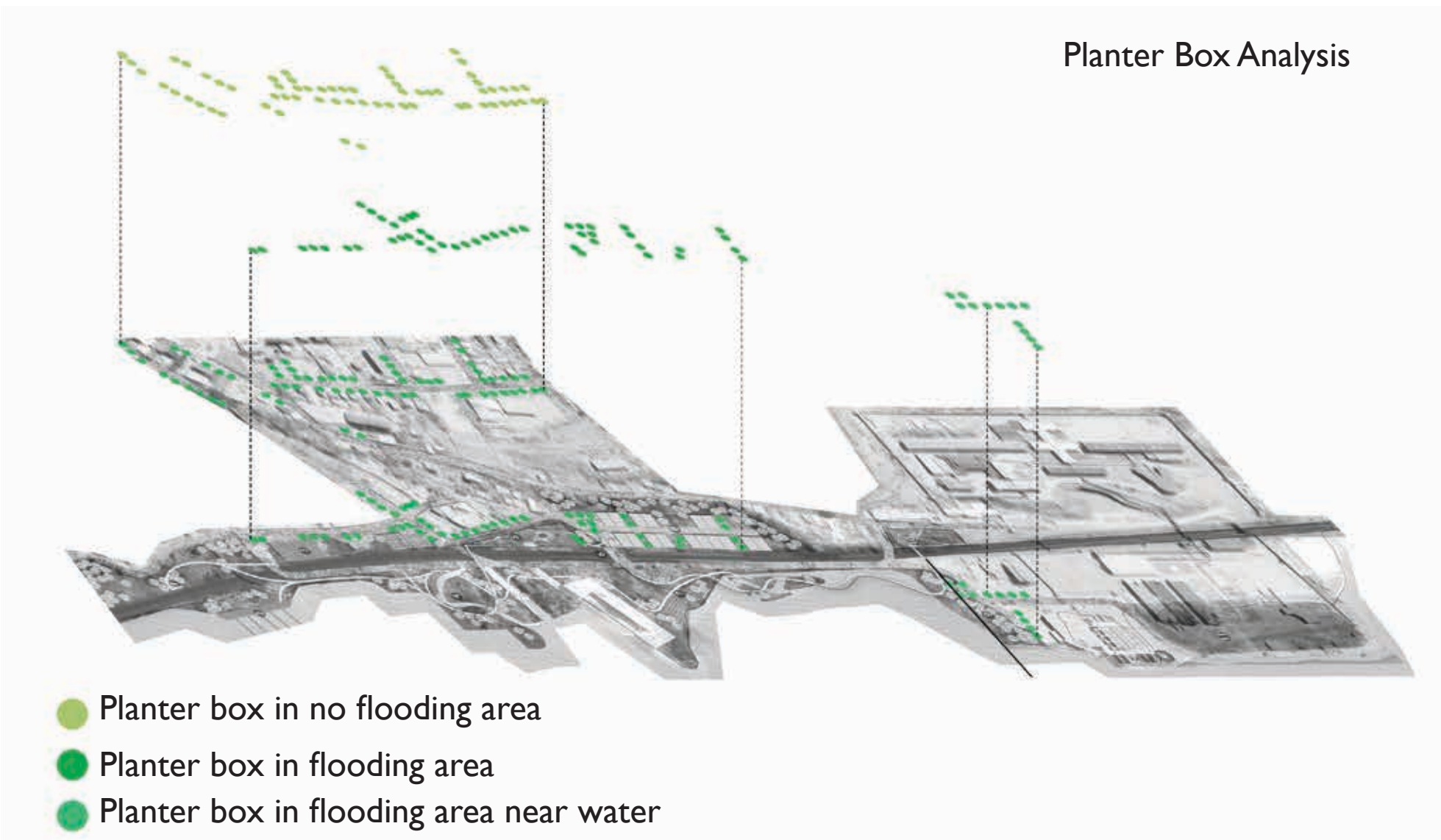


Louis Angle Park
Hard edge & Lving berm

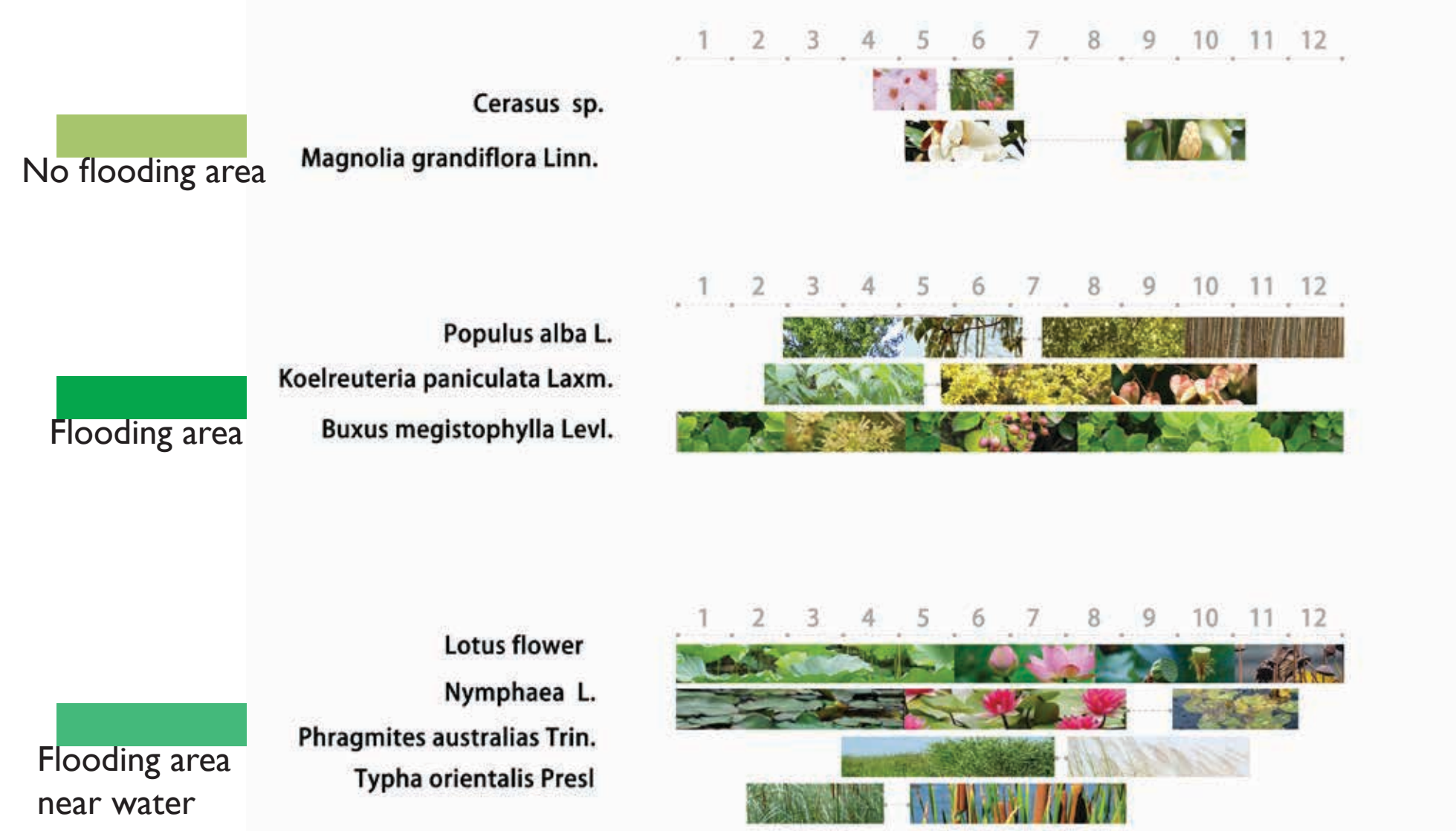


Marina
Hard/Soft edge & Floating deck

No Flooding Green Infrastructure Analysis



Plant Choice Analysis



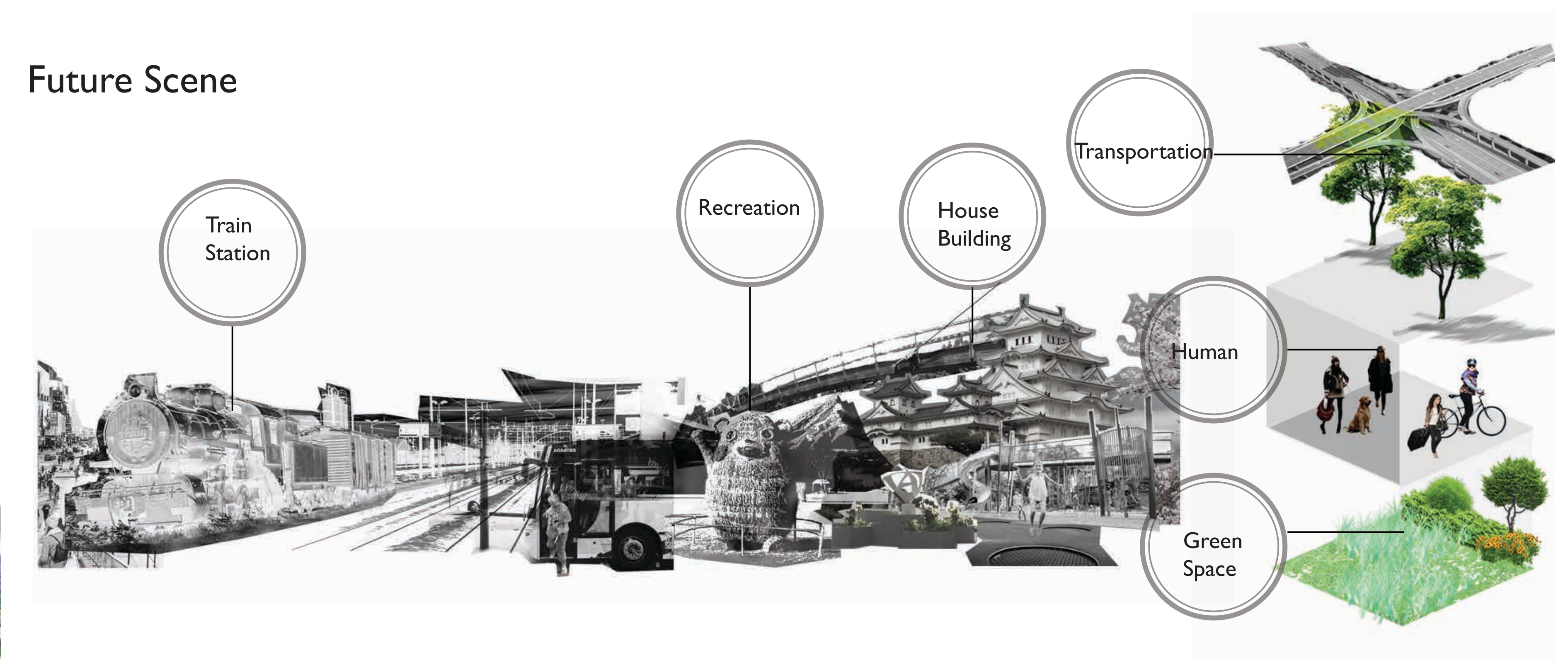
Section



Perspective



Future Scene



Master Plan



Anotation:

- 1 Viewport
- 2 Boating Deck
- 3 Sport Area
- 4 Relaxing Bridge
- 5 Green roof on the garage
- 6 New train station
- 7 Restroom
- 8 Commerial Area
- 9 Berm
- 10 Green roof on the garage
- 11 Prison green space

Zone Analysis

