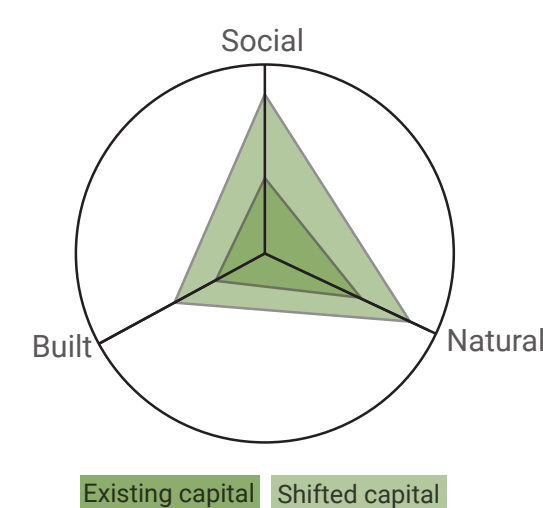
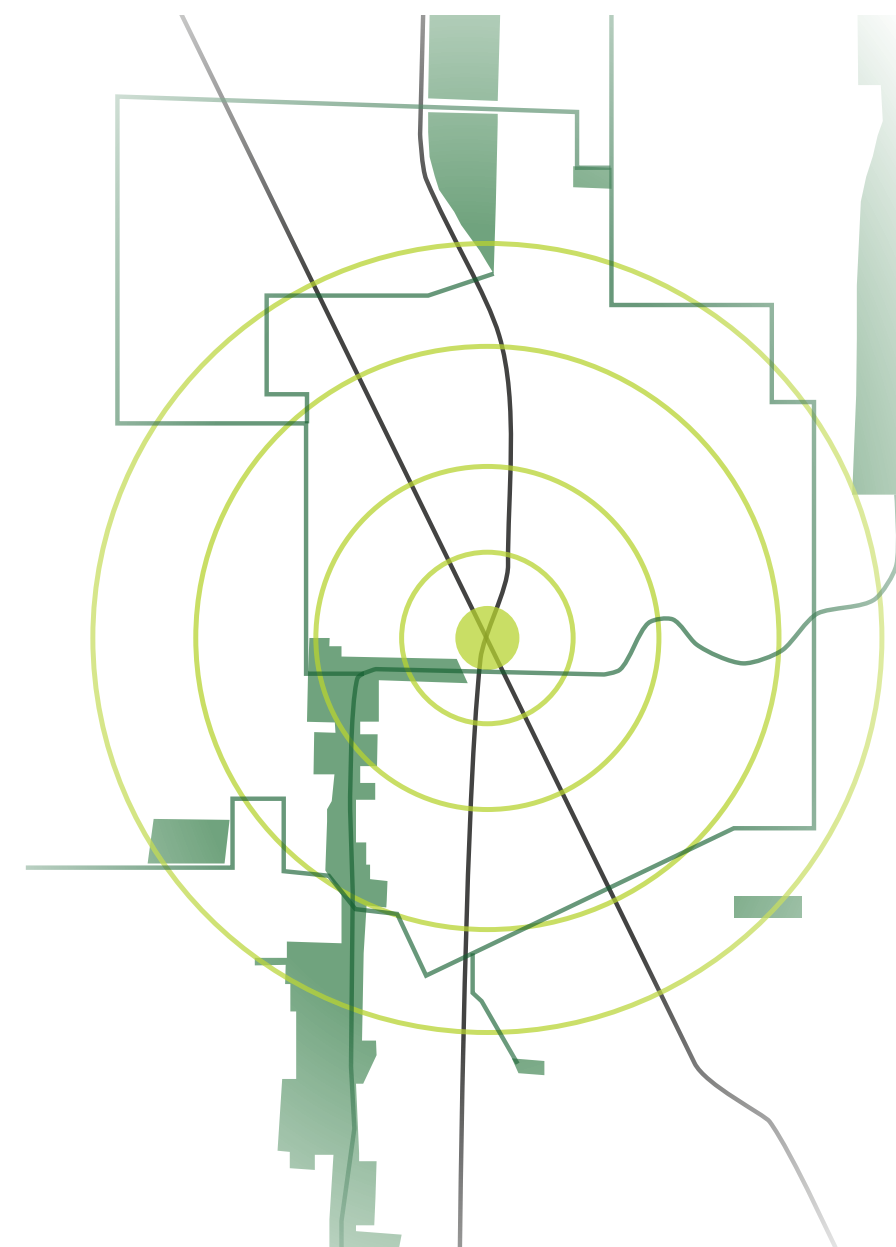
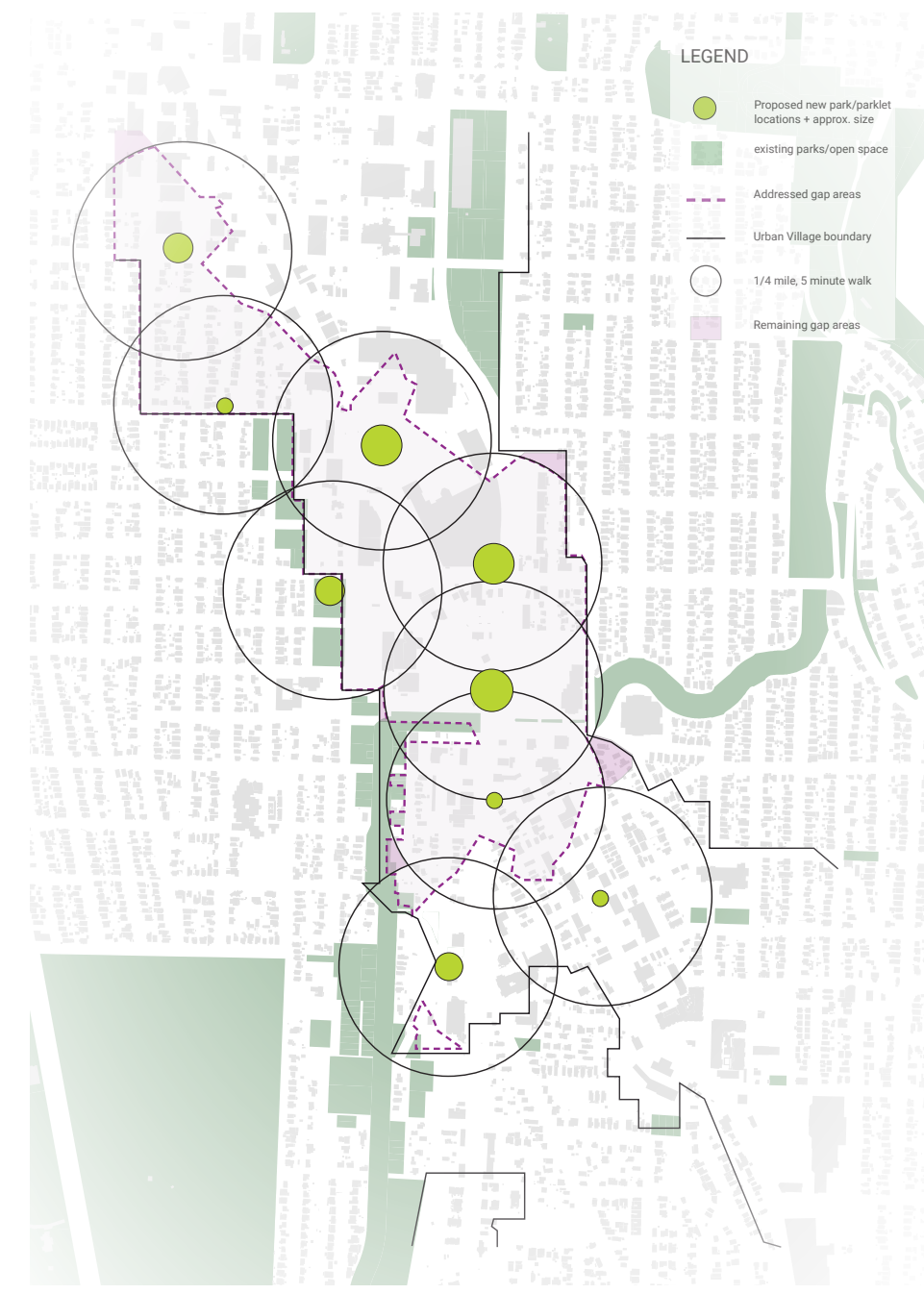
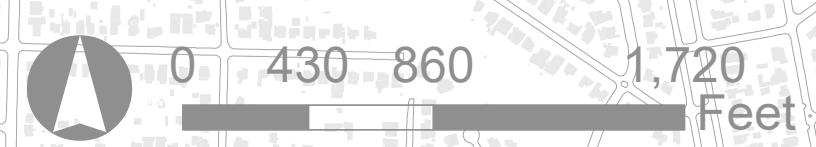
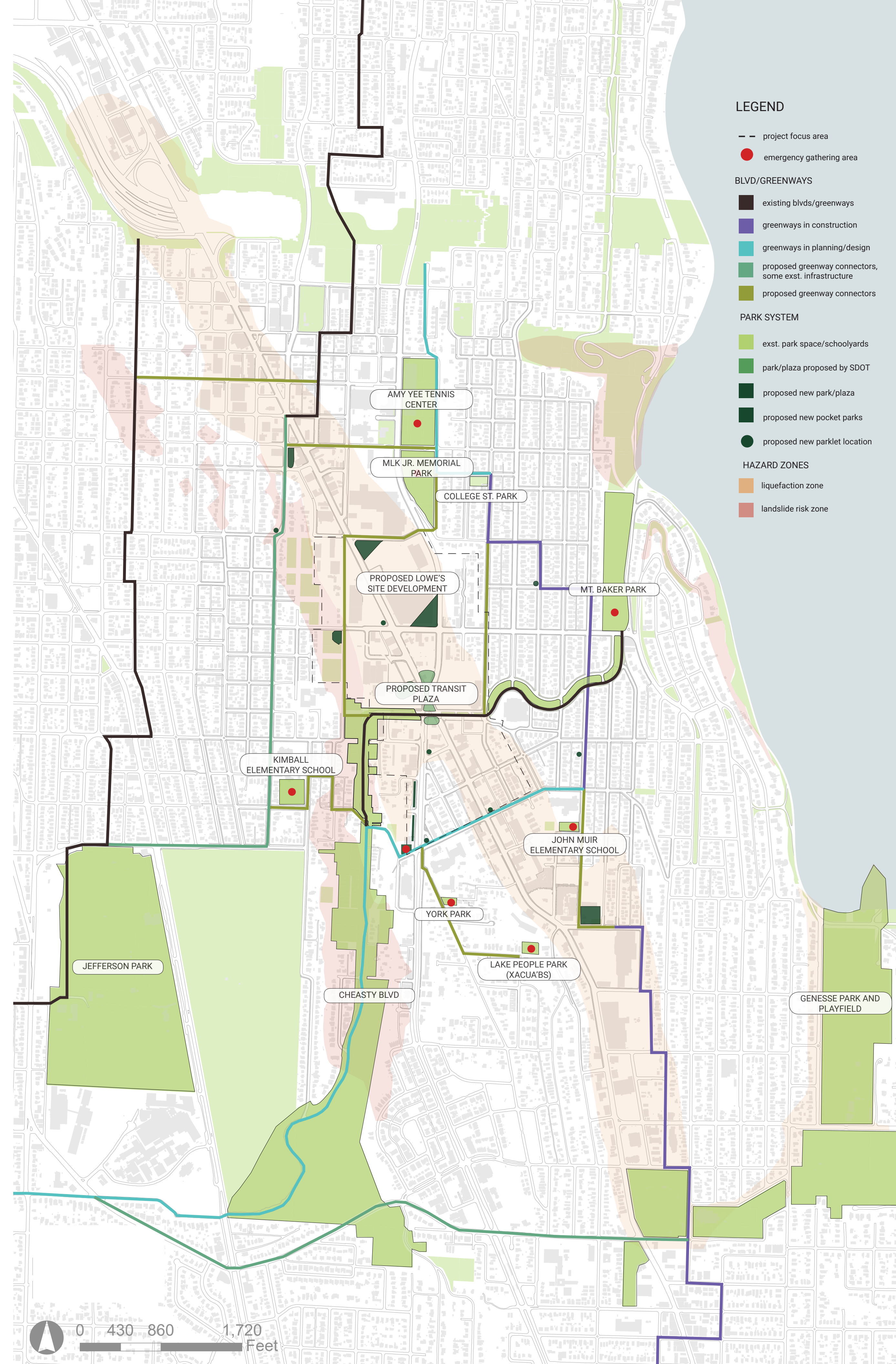


# CULTIVATING RESILIENCE THROUGH OPEN SPACE CONNECTION

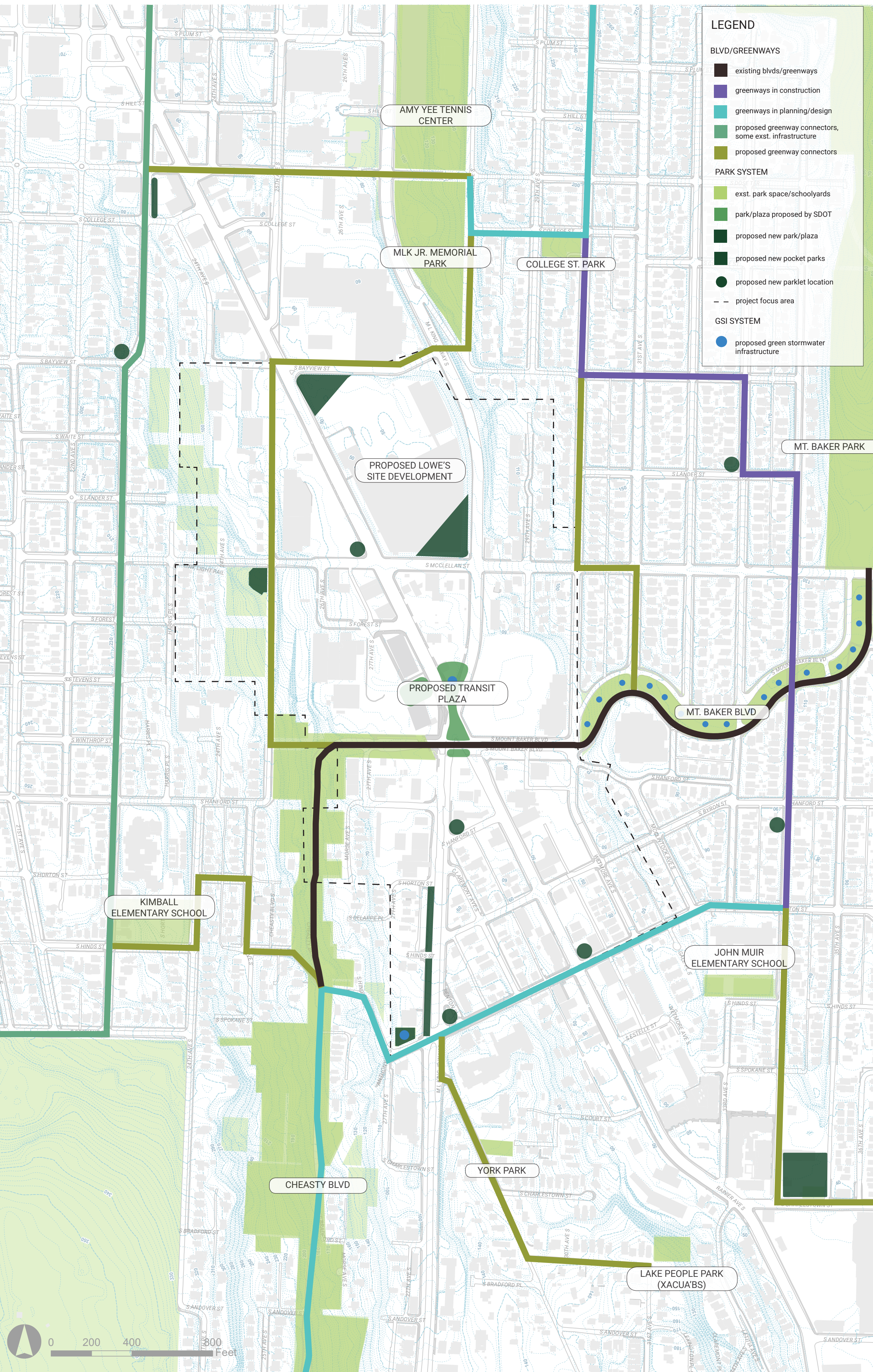
Mt. Baker Station Area: Staying in Place | Winter 2018 | Julia Brasch, Sharon Fung and Jiyoung Park



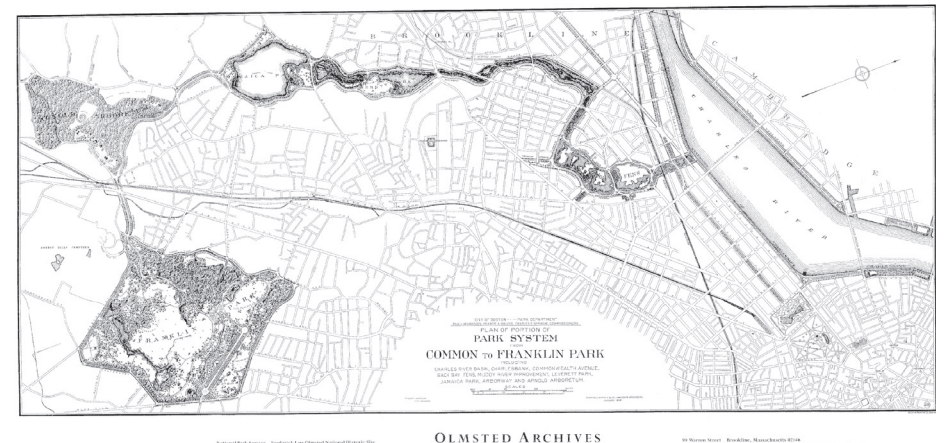
- Mt. Baker Station Area is especially vulnerable to earthquake risks
- It is also a highly auto-centric area that is not very accessible to other modes of transit, such as pedestrian and cyclist traffic
- SPR has identified this area as one lacking in parks, and neighborhood residents have expressed a desire for greater access to parks and open space
- We explored how a connected open space network that incorporates improved wayfinding and green stormwater infrastructure in and around the Mt. Baker neighborhood can contribute to community resilience in both everyday and emergency scenarios



# Park + Greenway System



# Precedents



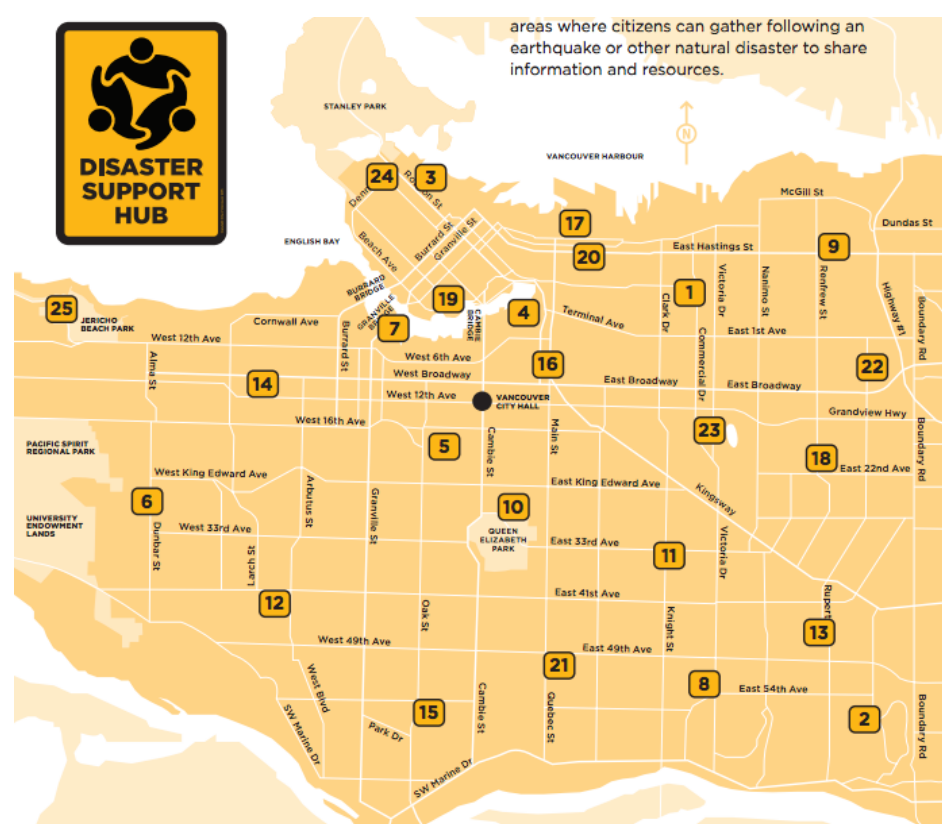
Emerald Necklace Park System, Boston MA



Street Painting, Lang/Baumann, Switzerland



Yerba Buena Community Benefit District: San Francisco CA

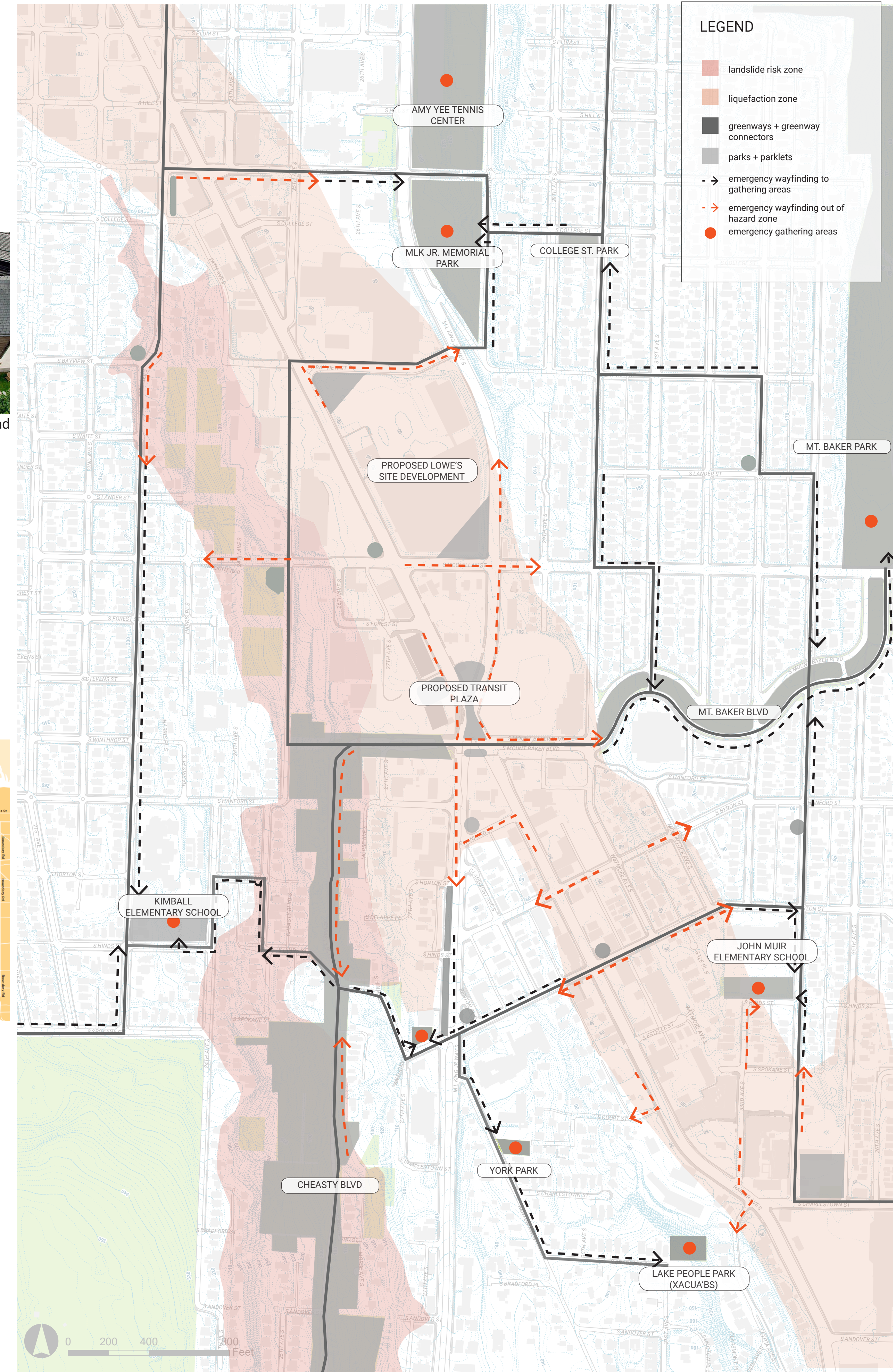


Disaster Support Hub, Vancouver BC

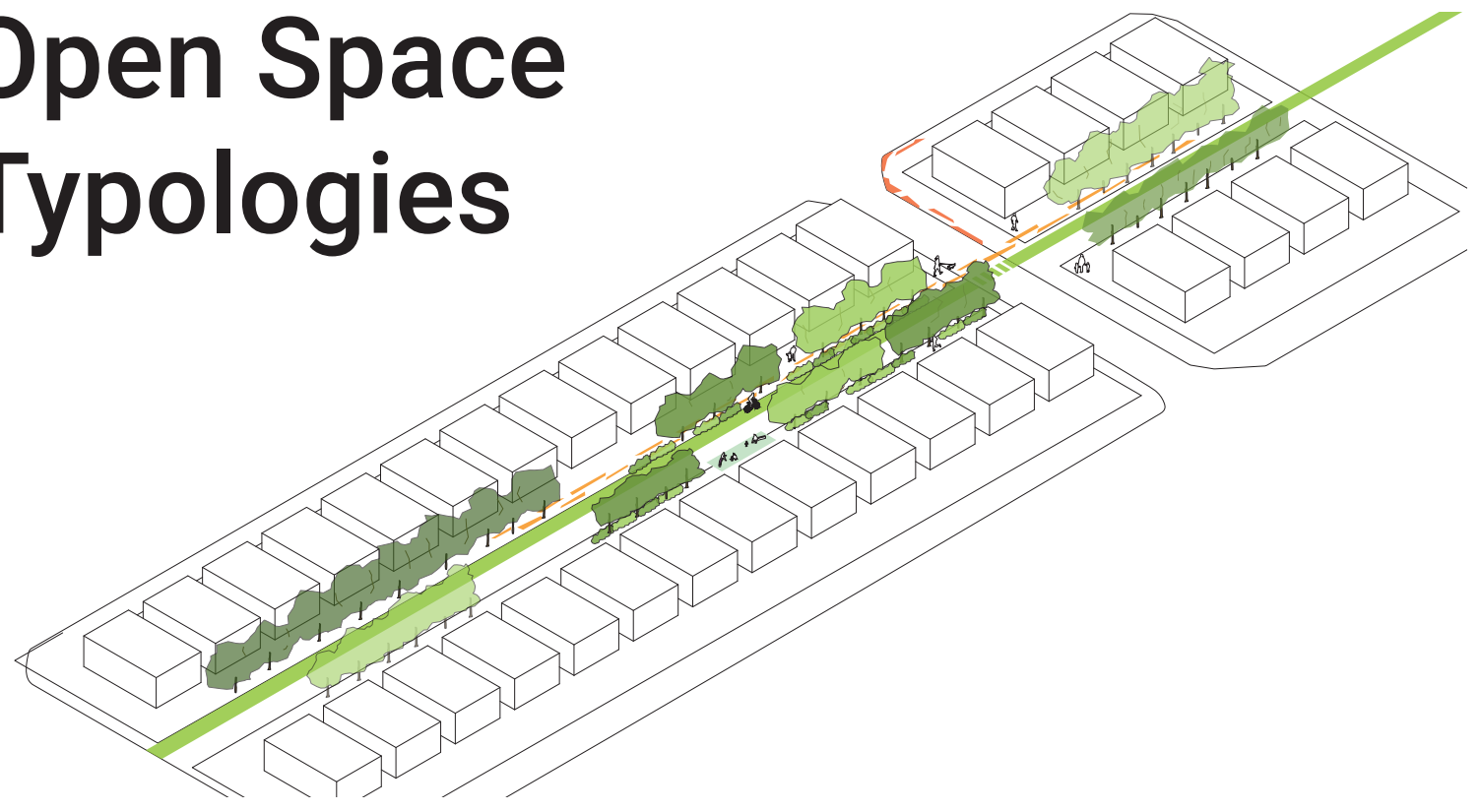


Cultural Trail, Indianapolis IN

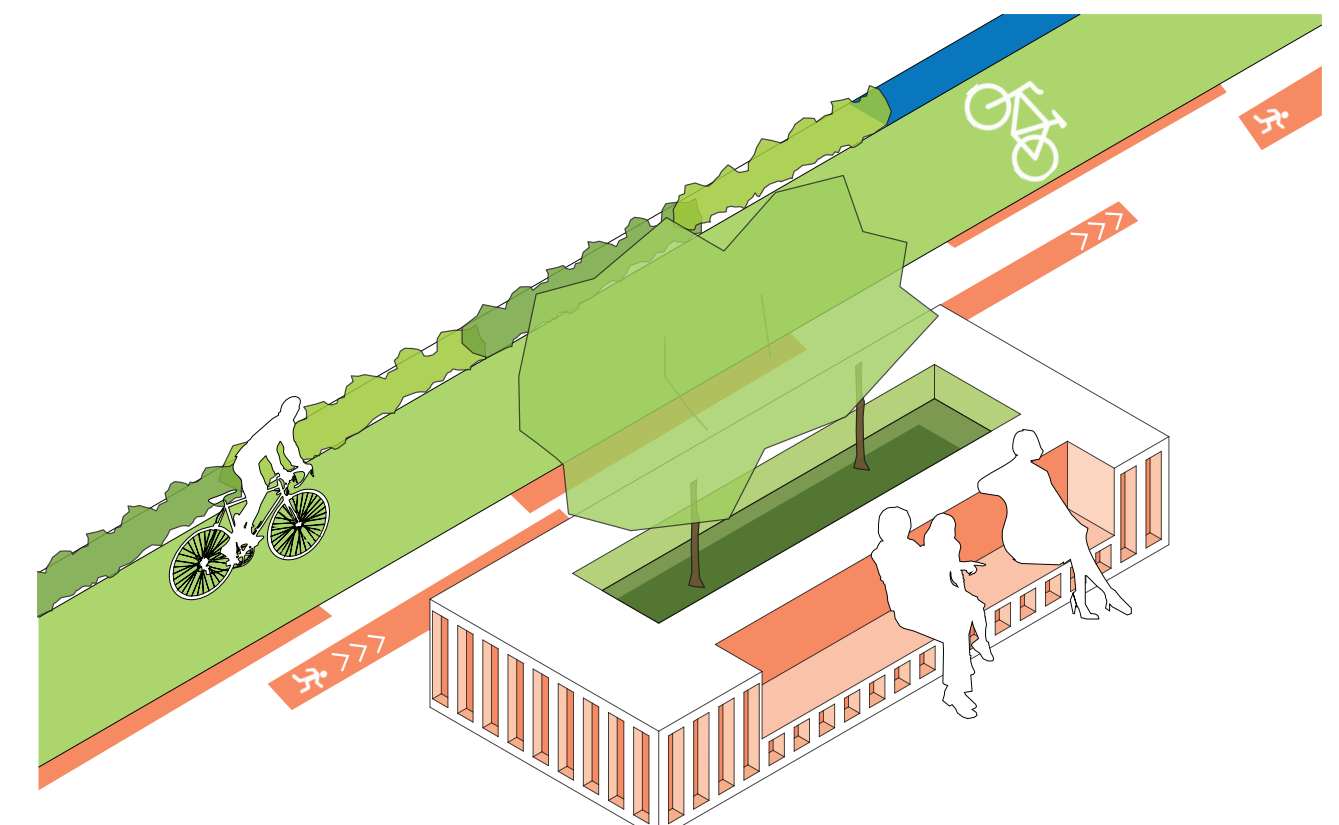
# Emergency Wayfinding Network



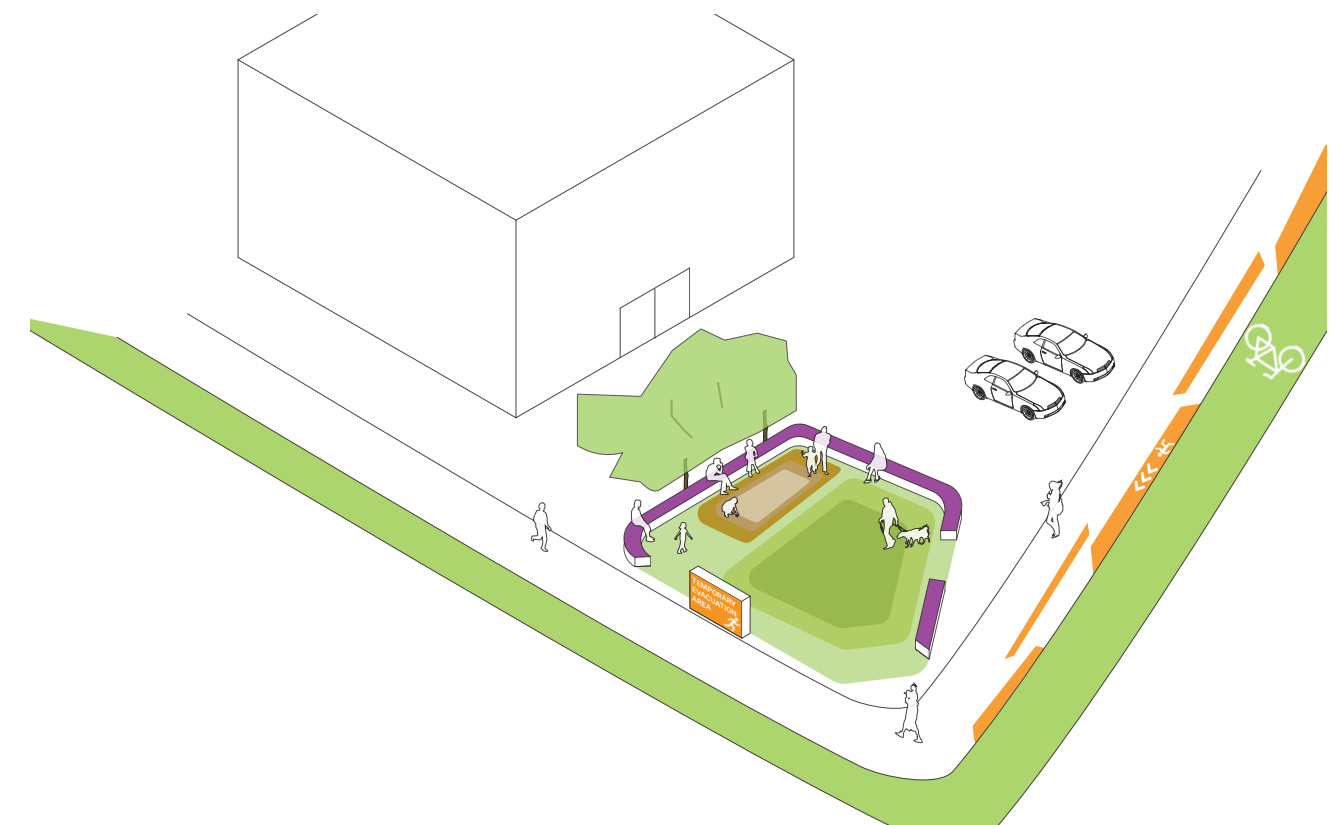
# Open Space Typologies



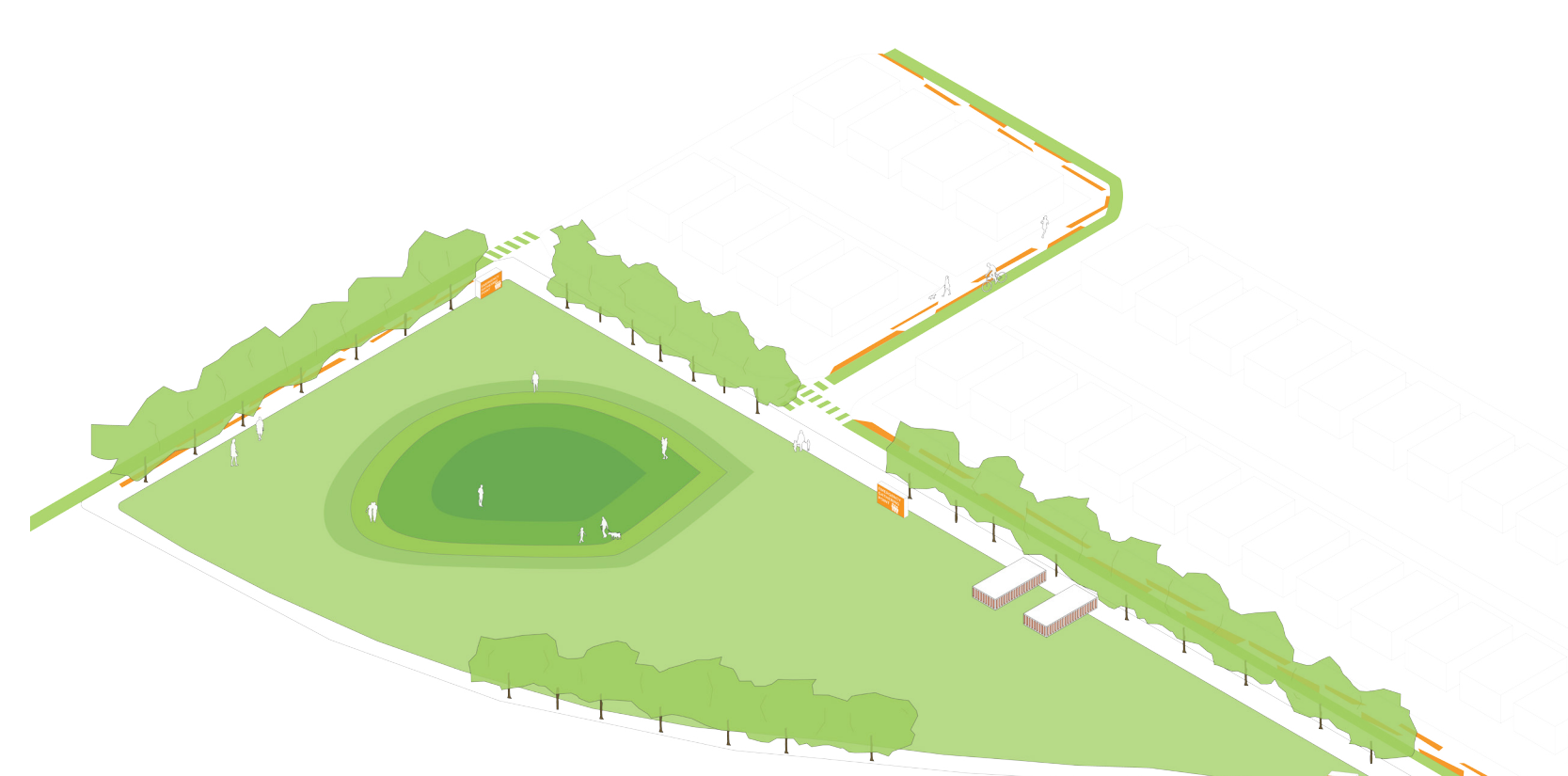
Greenways



Parklets



Pocket Parks



Parks

# Wayfinding Typologies

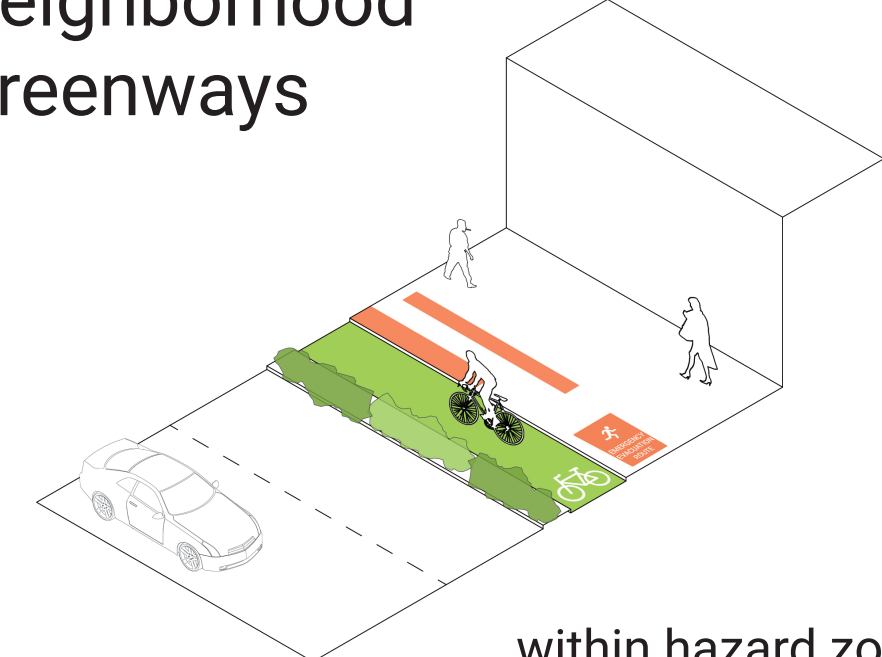
Signage: Hazard Zone



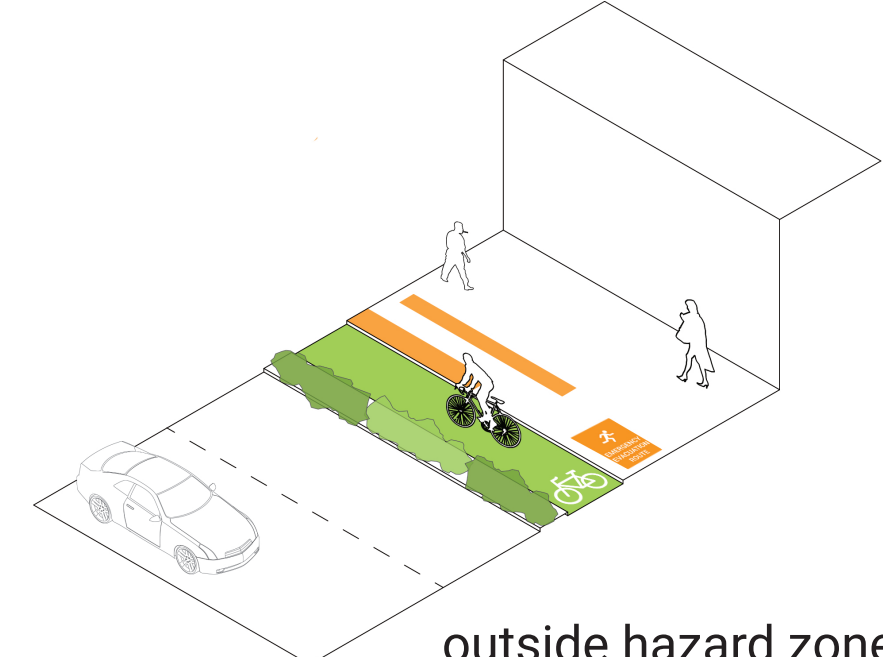
Signage: Non-hazard Zone



Neighborhood Greenways

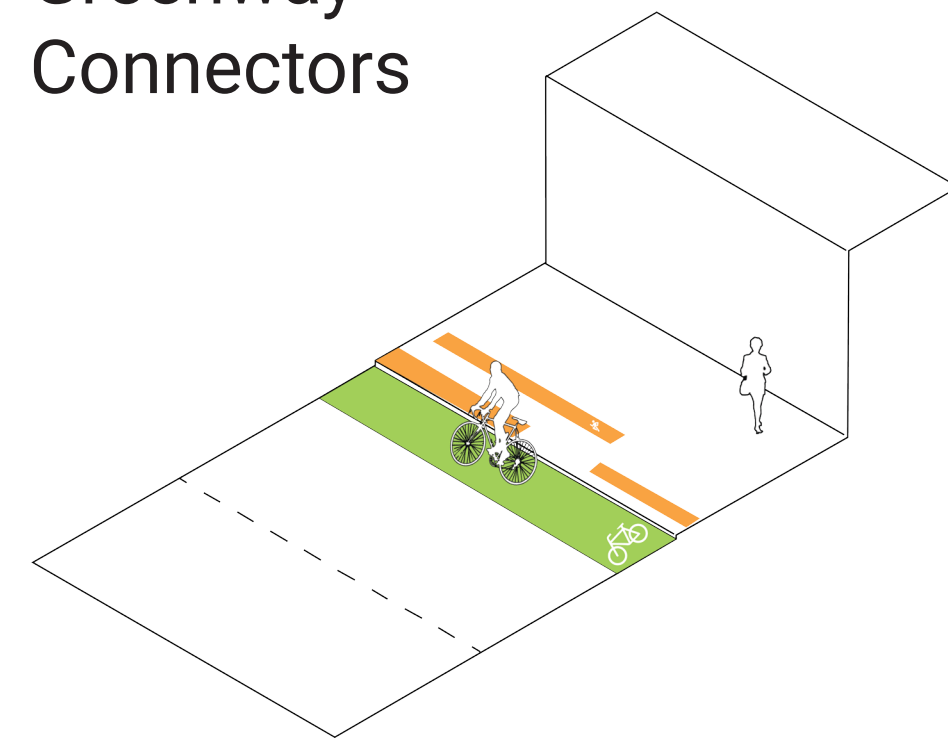


within hazard zones

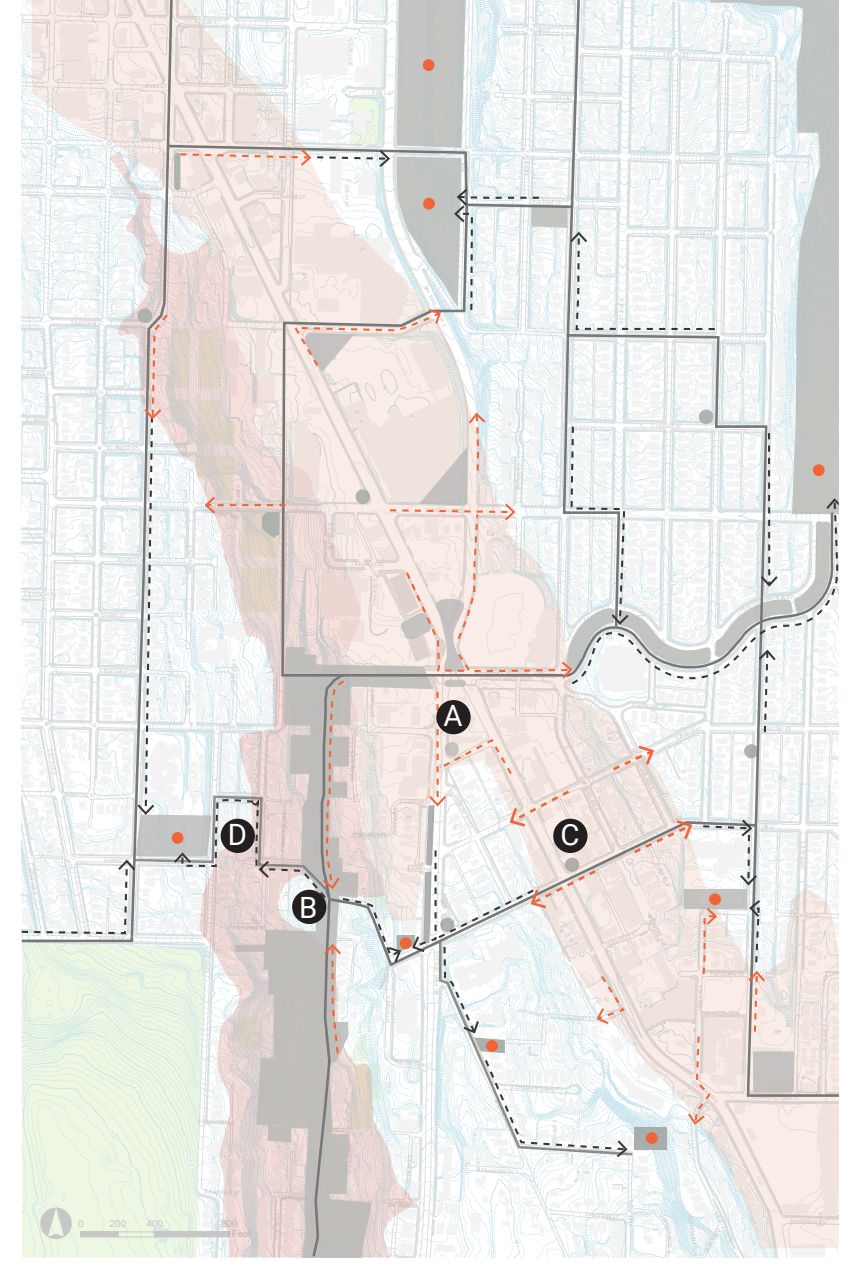
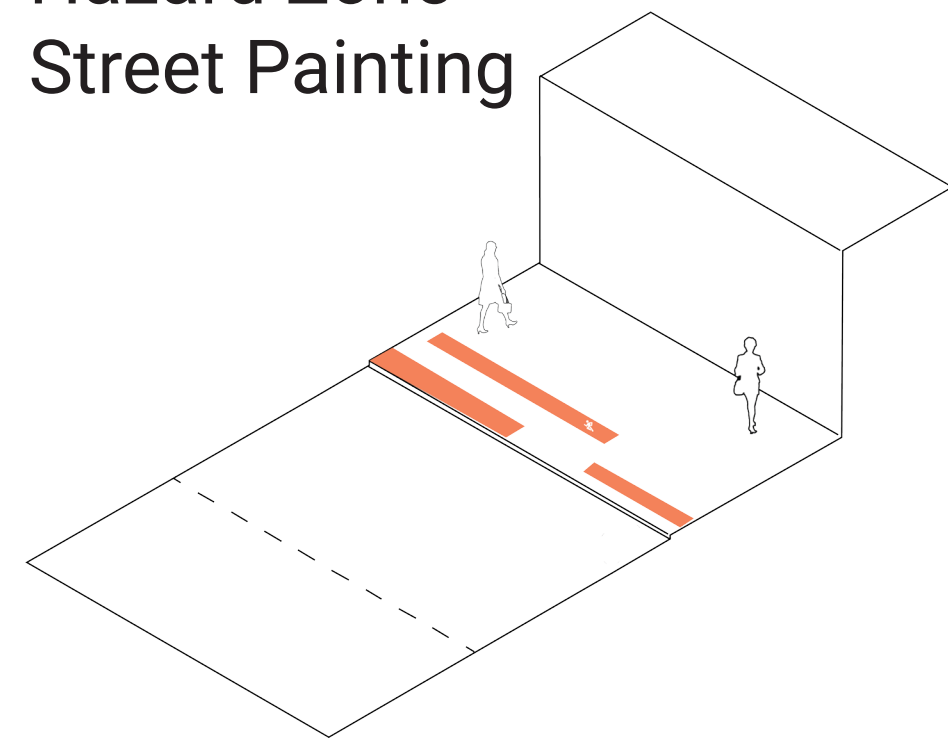


outside hazard zones

Greenway Connectors

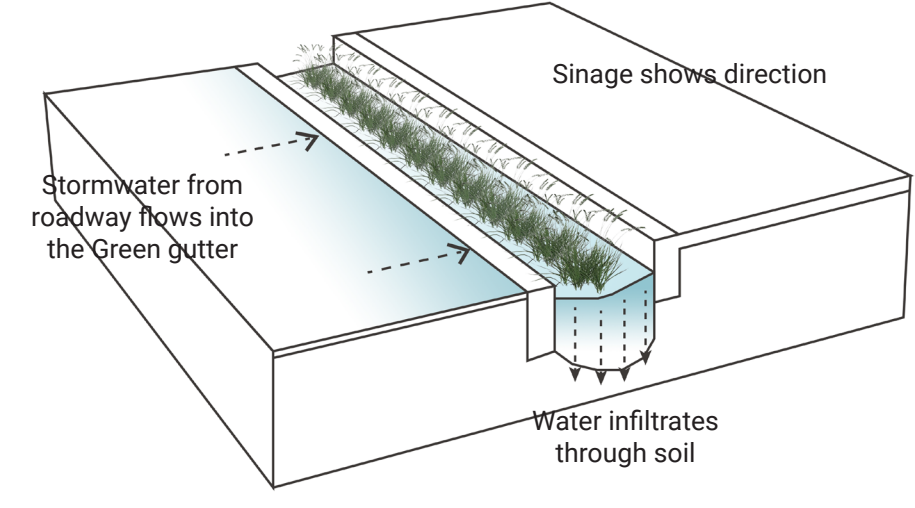


Hazard Zone Street Painting

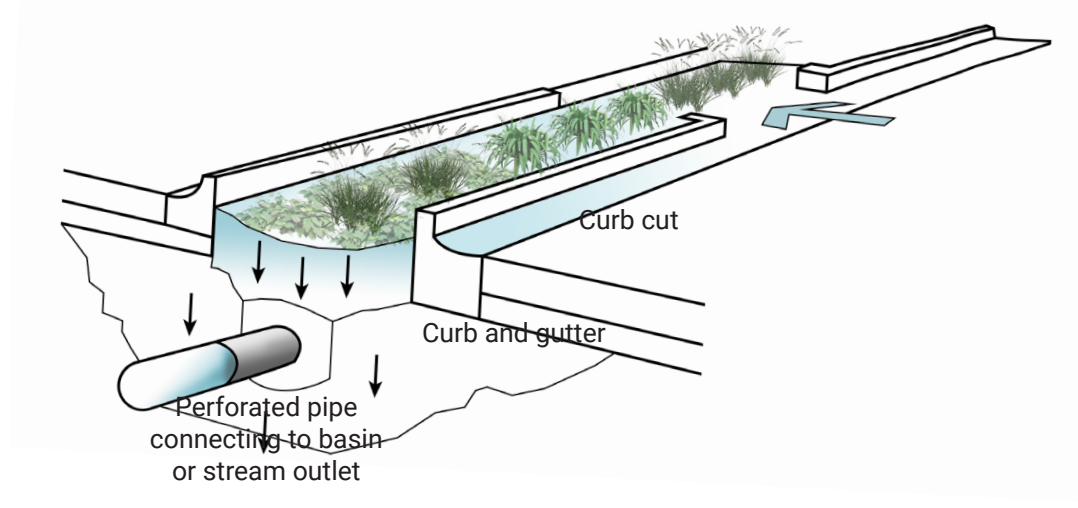


# Green Stormwater Infrastructure

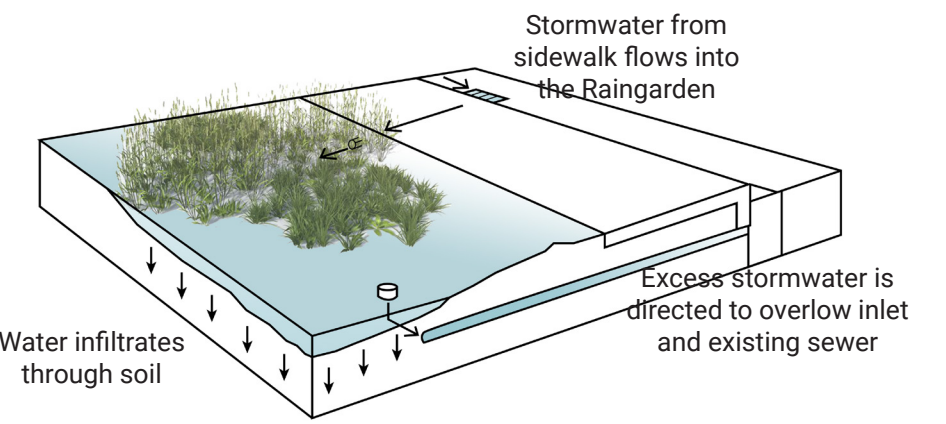
## DIAGRAM



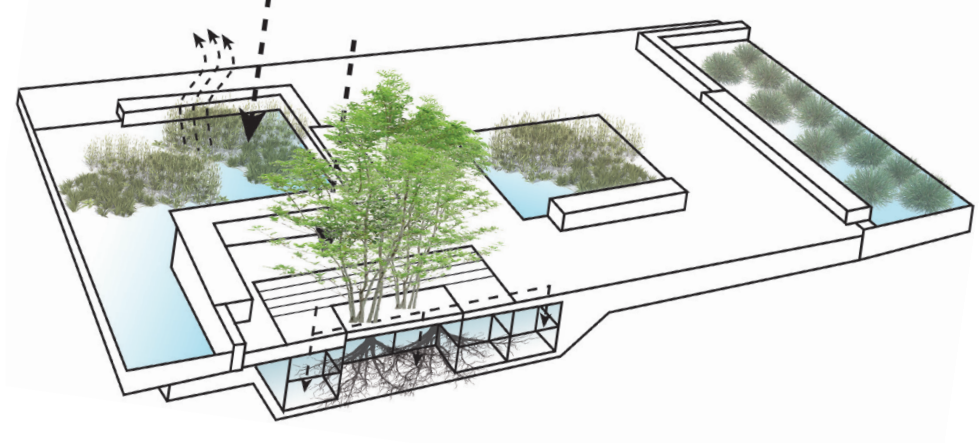
Way finding with Bioswale



Bioretention



Raingarden

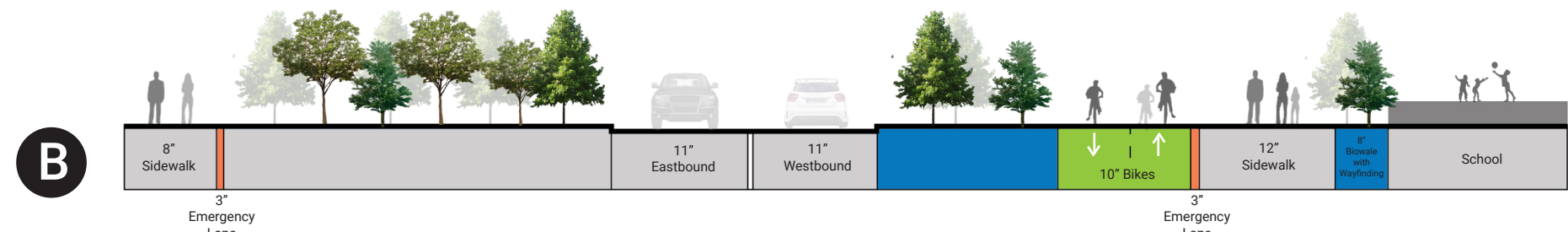
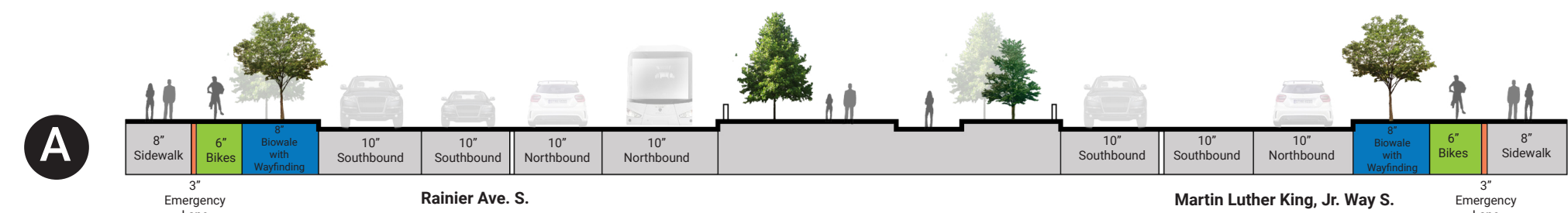


### Suitable GSI element for each Typology

Typologies for GSI:  
Larger Park, Pocket Park, and Proposed Plaza

- GSI Elements
- Bioretention: Larger park
  - Rain garden: Pocket park
  - Permeable pavement and tree system like silva cells: Proposed Plaza
  - Bioswale: Street near the 3 sites
  - > Merged Bioswale and signage as wayfinding

## SECTION



## MASTERPLAN



## PERSPECTIVES

