

FOSTERING COMMUNITY RESILIENCE IN MT. BAKER

Staying In Place: Designing for Community Resilience: BE Studio W18 // Elizabeth Lange

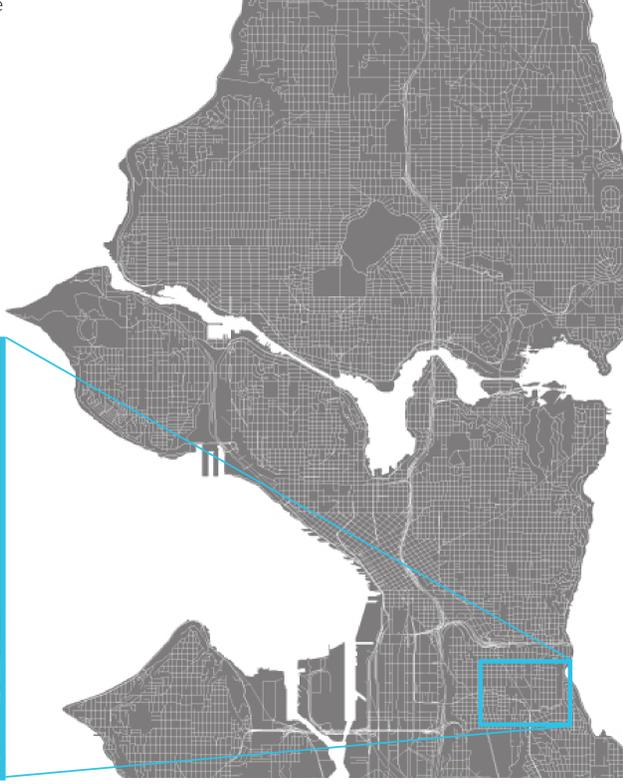
The redevelopment of the Lowe's site in Mt. Baker creates a space for the community that fosters a feeling of engagement, recreation and safety while also creating an ecologically positive place for all.

Water management: This site has a constructed wetland that aids in surface runoff, storage and re-circulation of water back into the mixed-use buildings or to be stored in a cistern. The mixed-use buildings reuse the filtered water saving energy and resources. The wetland creates habitat for other wildlife within the area supporting an ecologically diverse site.

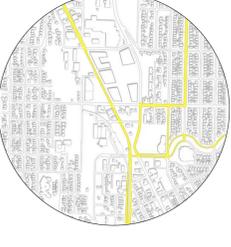
Green roofs: The green roofs on top of the mixed-use buildings serve as a catchment for rain but also provides a place to garden and raise chickens and bees to supply food for the community and the buildings below.

Green Space: Green spaces offer recreation and leisure to Mt. Baker residents and bike paths connect with the Accessible Mt. Baker plan.

Natural Disaster Resources: During an event of a natural disaster like an earthquake, this site can act as a space for gathering and supporting others while also supplying resources like food from the roof gardens, clean water from cisterns and shelter in the mixed-use buildings.



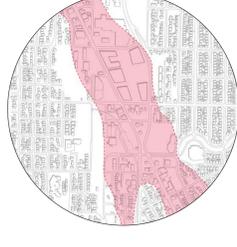
Earthquake Routes



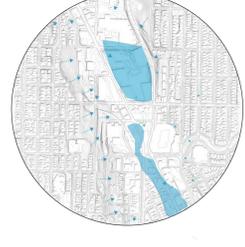
Accessible Mt. Baker



Liquefaction Routes



Water Flow

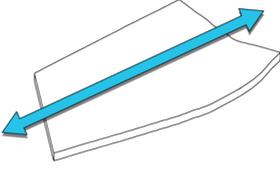


Mt. Baker Greenway Connections



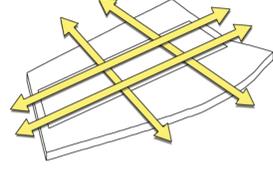
Water Way

- Constructed Wetland



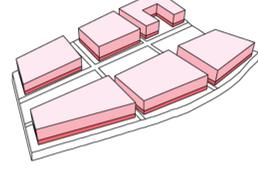
Pathways

- Pedestrian and bike paths
- Connection to Accessible Mt. Baker



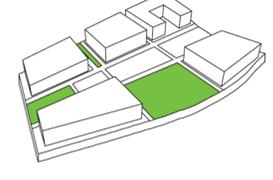
Programming

- Mixed use development
- Affordable housing

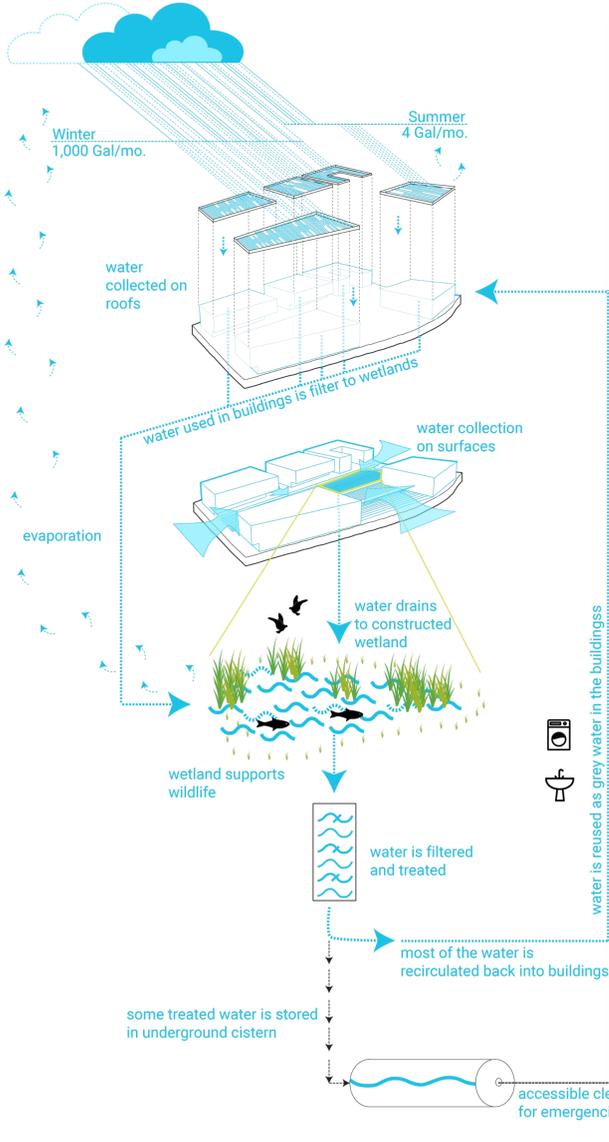


Green Space

- Provide green space for residents and consumers
- Connecting green spaces in Mt. Baker



Constructed Wetland System



Lowe's Redevelopment Site Plan



Perspective A

