

An aerial photograph of a city, likely Seattle, showing a dense urban area with various buildings, streets, and green spaces. In the background, a large body of water (the Puget Sound) is visible, with a distant shoreline and hills. The sky is clear and bright. A semi-transparent white banner is overlaid across the middle of the image, containing text.

# GREENER BELLTOWN : BLUER SOUND

City / Nature for Climate Adaptation

Scan | Design Master Studio 2017

# GREENER BELLTOWN: BLUER SOUND

## City / Nature for Urban Resilience

Urban Greening



Stormwater Mitigation



Social Amenity



## 2017 Studio Objectives

explore urban design strategies for climate adaptation and urban nature

working at various scales to **cultivate social resilience, biodiversity, human health,** and artfully integrate water into the cityscape for **hydraulic function and human delight**

# 2030 DISTRICT GOALS

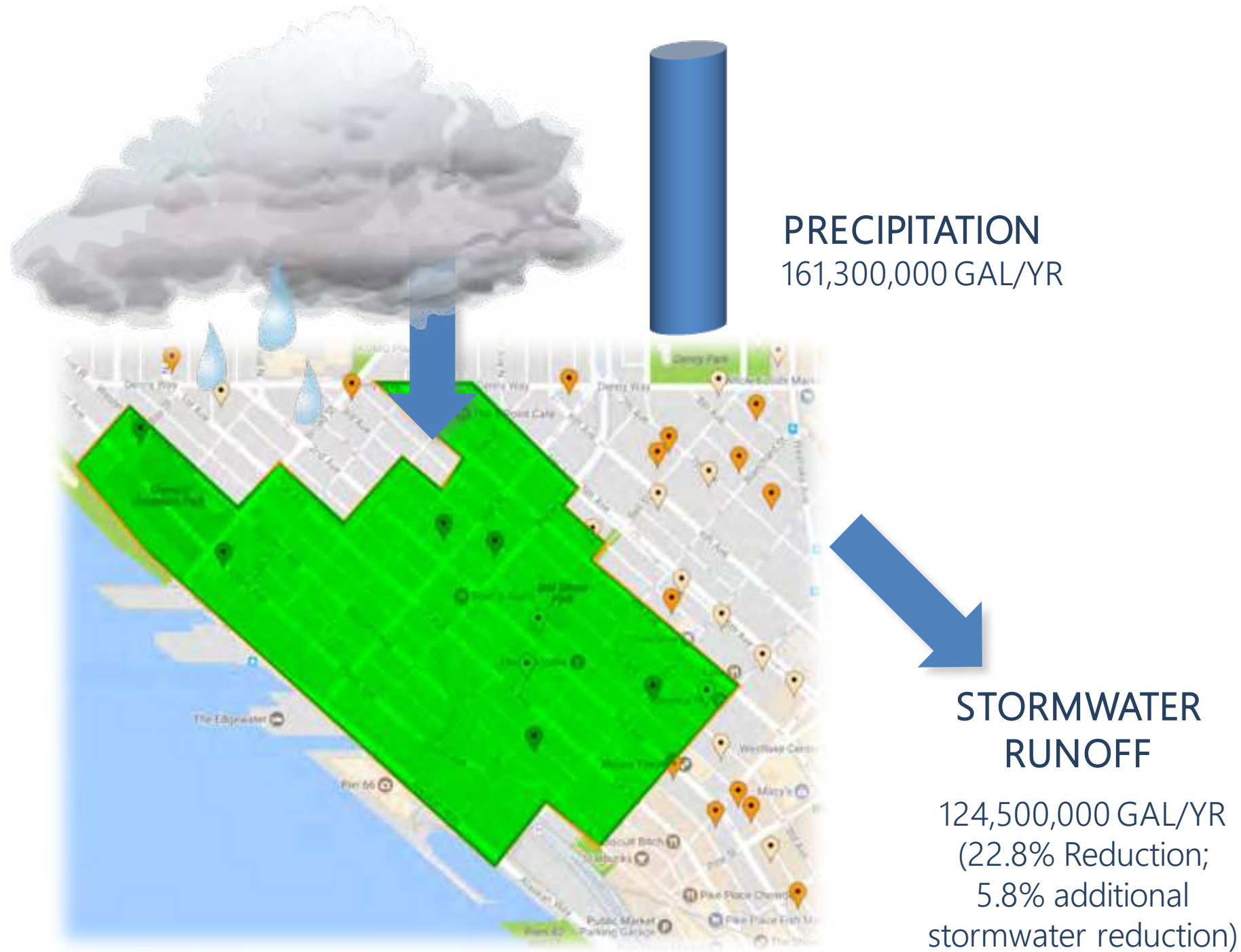
Manage the combination of stormwater and potable water use to 50% below the District baseline

50% in Belltown is about

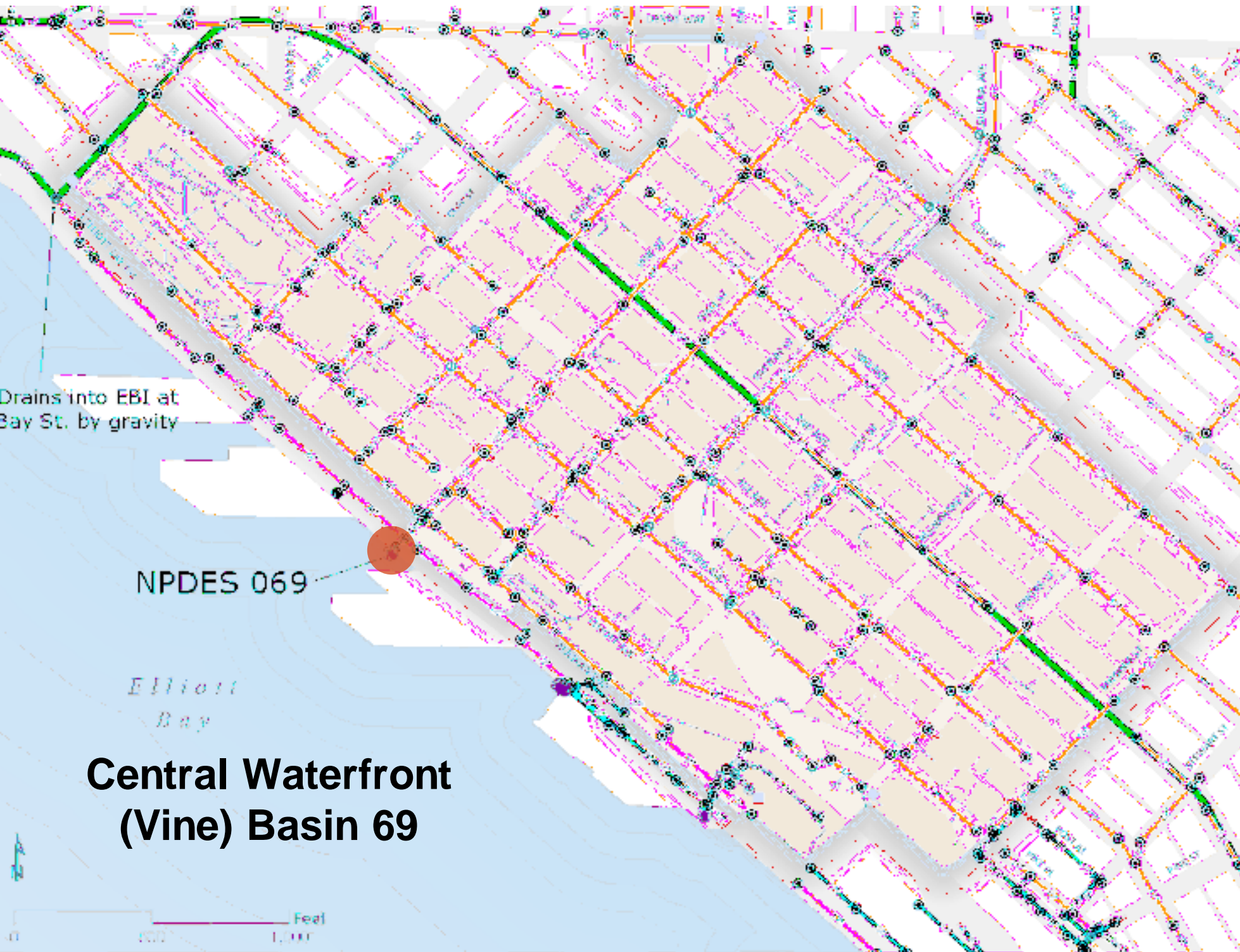
**67 million gallons**



# 2030 DISTRICT GOALS



VINE STREET BASIN (165 ACRES)  
80% GREEN ROOF  
100% OF ALL NON-ROW PROPERTY



**Central Waterfront  
(Vine) Basin 69**

**SPU STORMWATER  
STORAGE GOALS:  
130,000 GALLONS**

# STUDY TOUR: 09/01 - 09/17



GREENER BELLTOWN : BLUER SOUND

City / Nature for Climate Resilience



## The Trip: Copenhagen + Malmö

Cycling



Office Visits/Tours



Lectures

An aerial, black and white photograph of a dense urban district. The foreground and middle ground are filled with a variety of multi-story buildings, including residential towers and commercial structures. A prominent, tall, modern skyscraper stands on the left side. The buildings are interspersed with green spaces and trees. In the background, a large body of water, likely a bay or harbor, is visible, with a few ships on the water and a distant shoreline with hills. A semi-transparent white horizontal band is overlaid across the middle of the image, containing the text 'DISTRICT ANALYSIS' in a bold, black, sans-serif font.

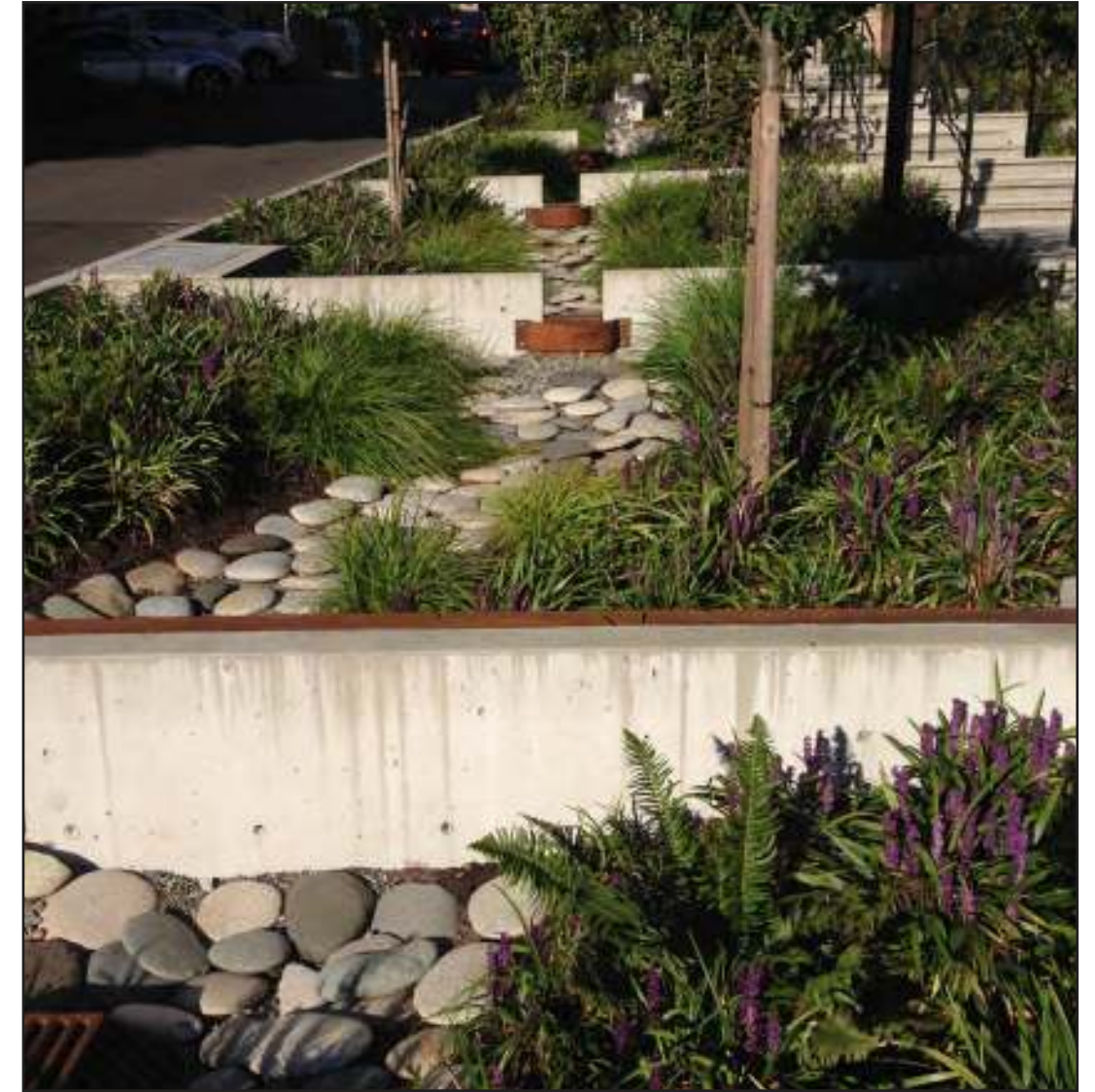
# **DISTRICT ANALYSIS**



**STUDY AREA: Belltown, Seattle**

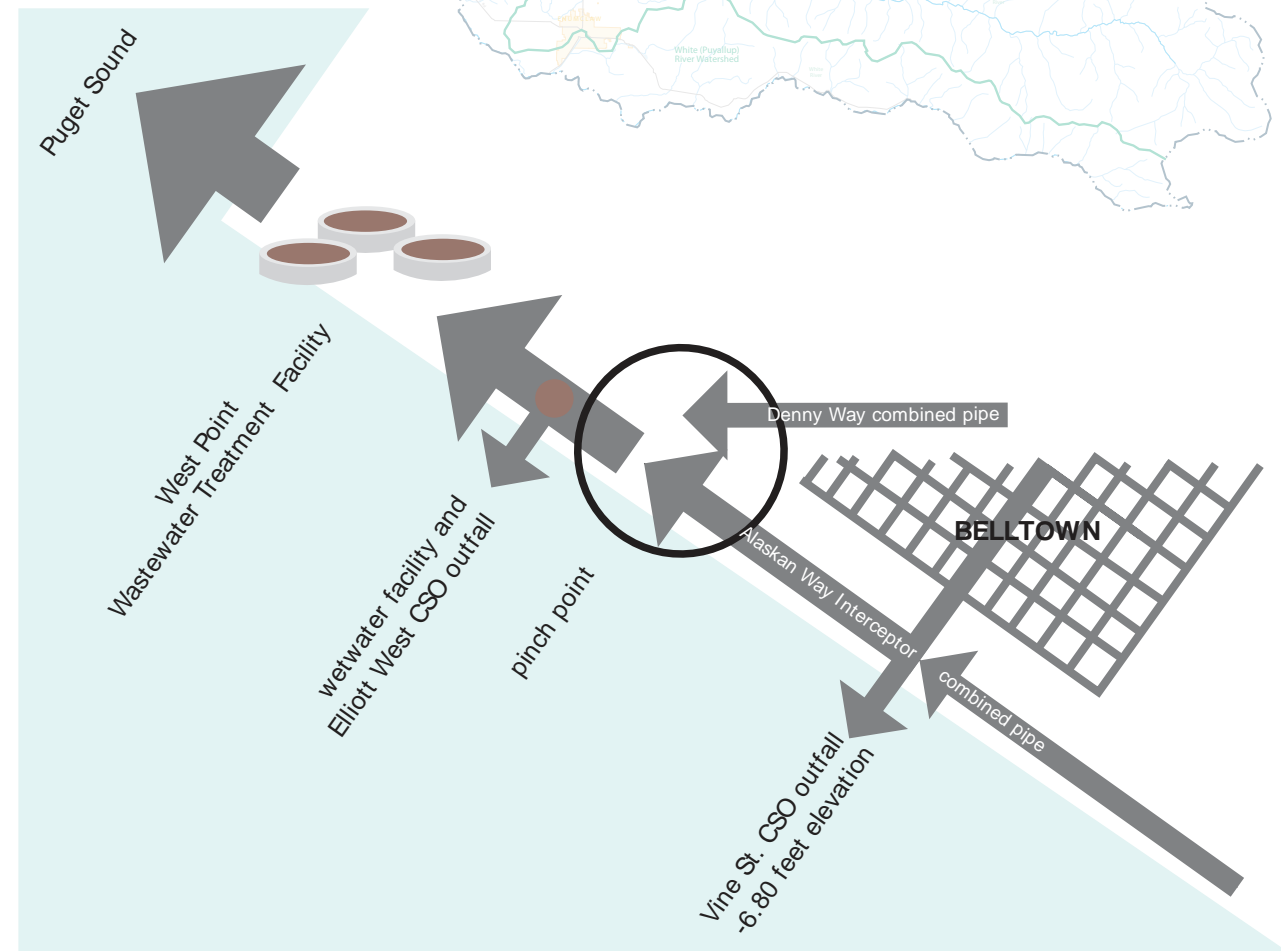
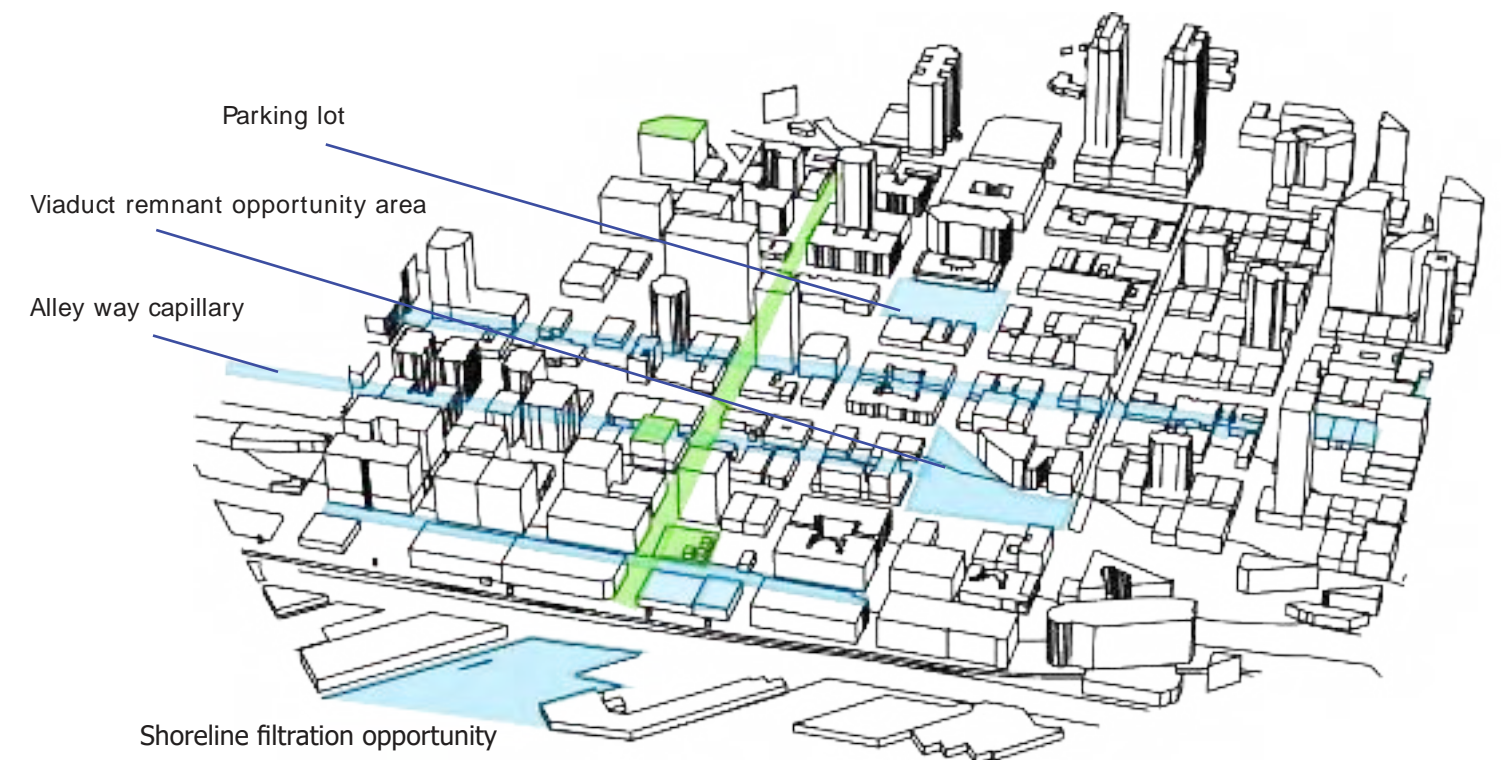
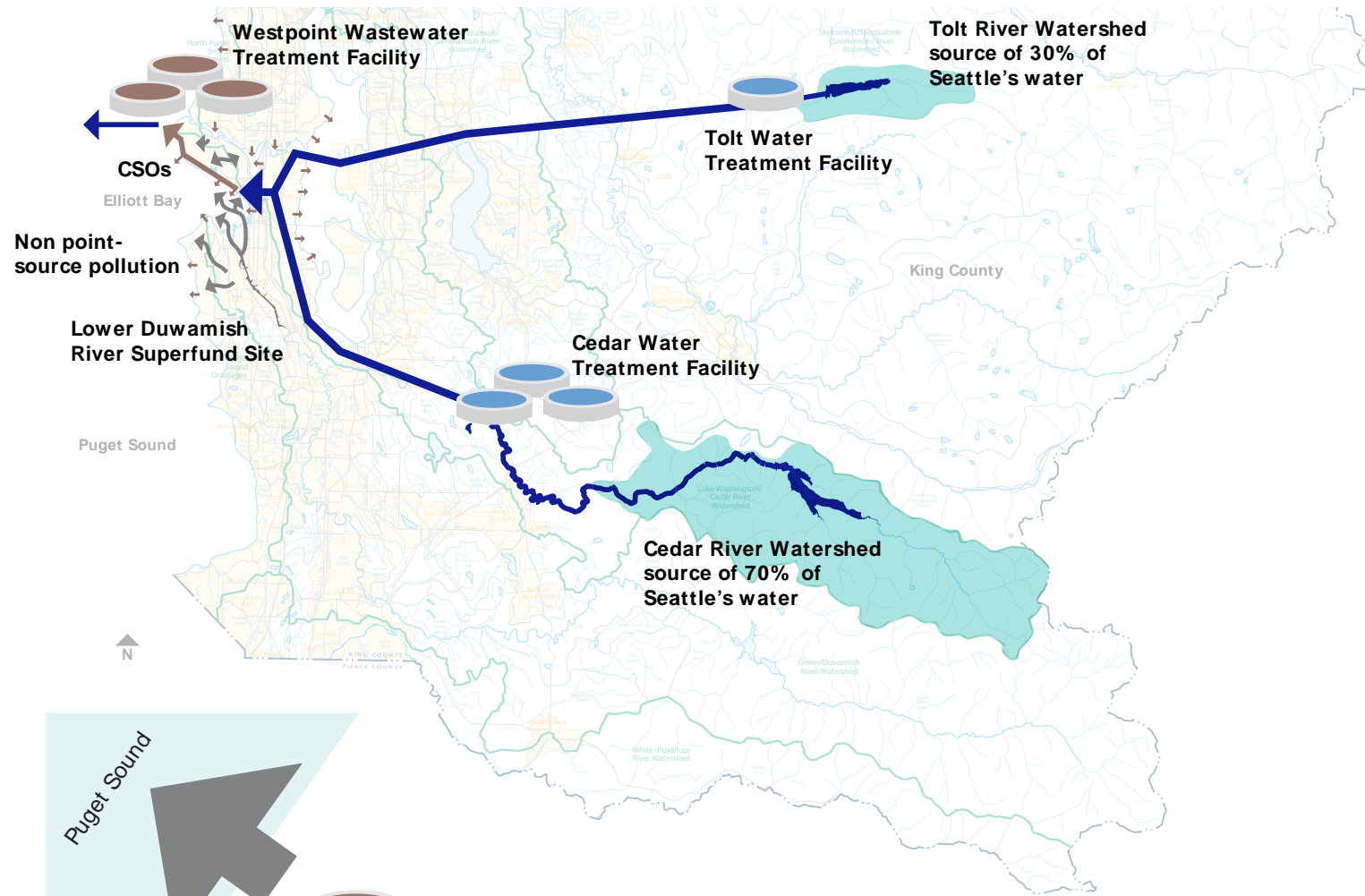


# STUDY AREA: Belltown District



# WATER

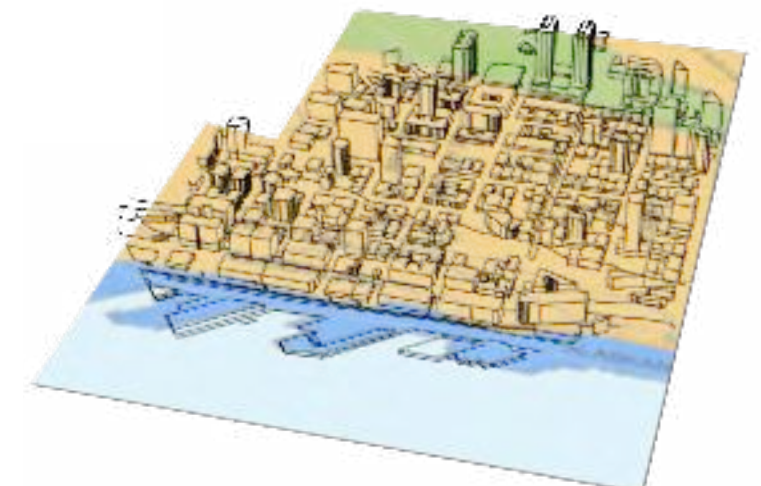
# DISTRICT ANALYSIS



**Infiltration Feasibility**



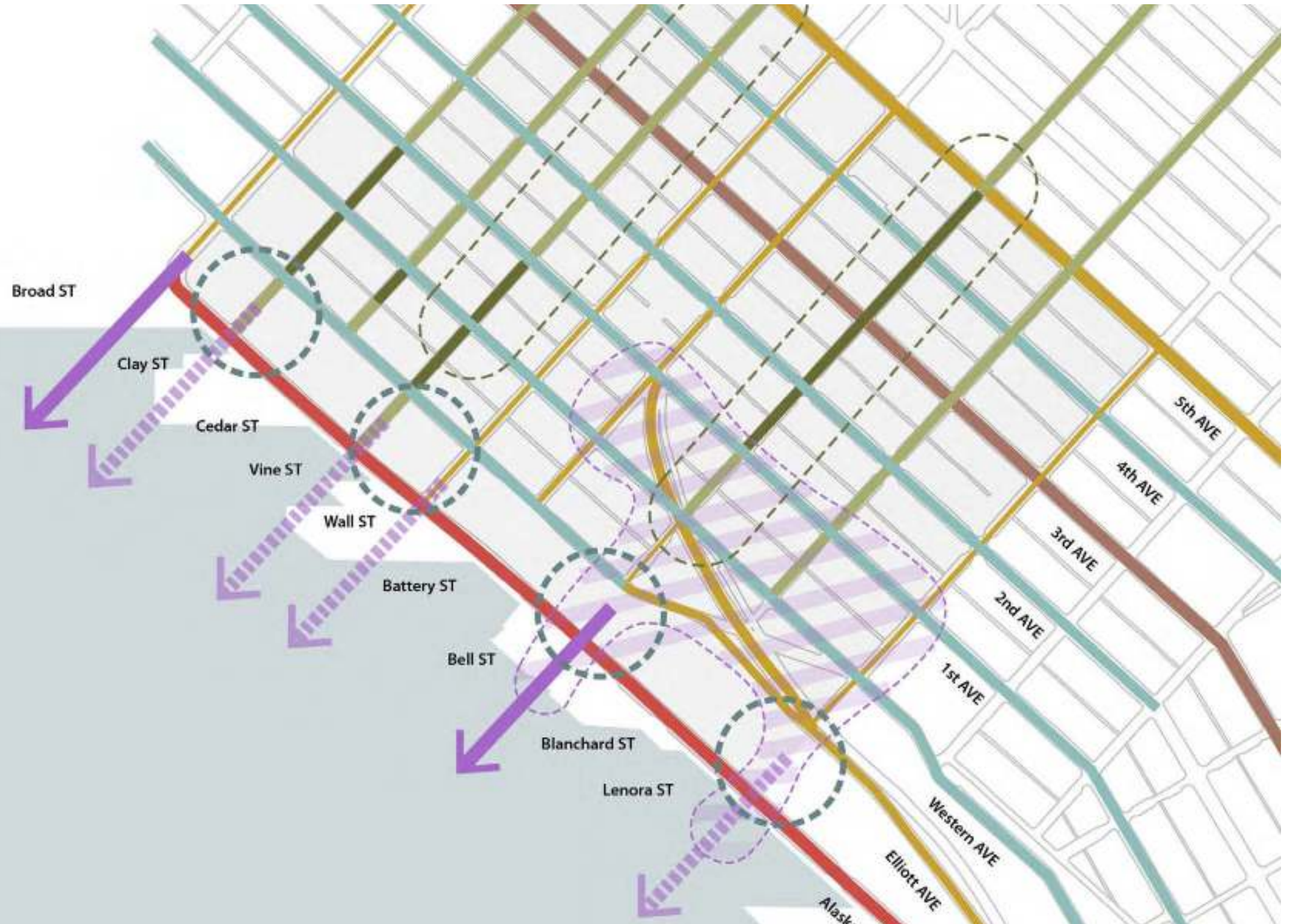
**Soil Infiltration Potential**



■ Potentially suitable for infiltrating GSI  
 ■ Suitable for non-infiltrating GSI  
 ■ High  
 ■ Medium  
 ■ Groundwater table near surface

# MOBILITY

# DISTRICT ANALYSIS

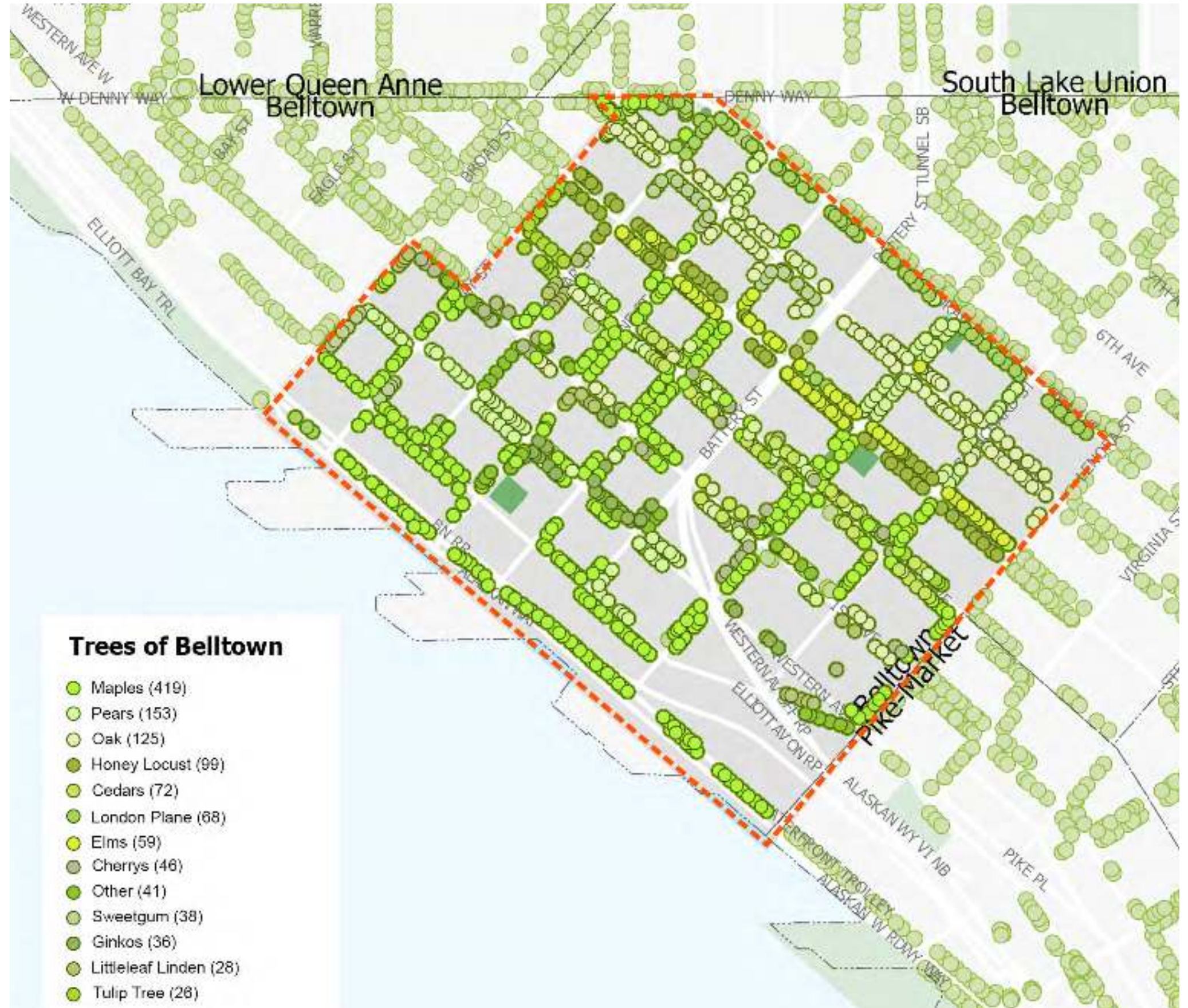


## GREENER BELLTOWN : BLUER SOUND

City / Nature for Climate Resilience

# ECOLOGY

# DISTRICT ANALYSIS



## Yearly Ecological Impact Of Trees In Belltown

1,528 trees

304,363.05 lbs of  
CO2 sequestered

816,826 gal of water  
conserved

38,095.23 kwh energy  
conserved

\$28,244.51 saved

# SOCIAL

# DISTRICT ANALYSIS

DENSITY OF BELLTOWN:

**19,025**  
/ square mile

DENSITY OF SEATTLE:

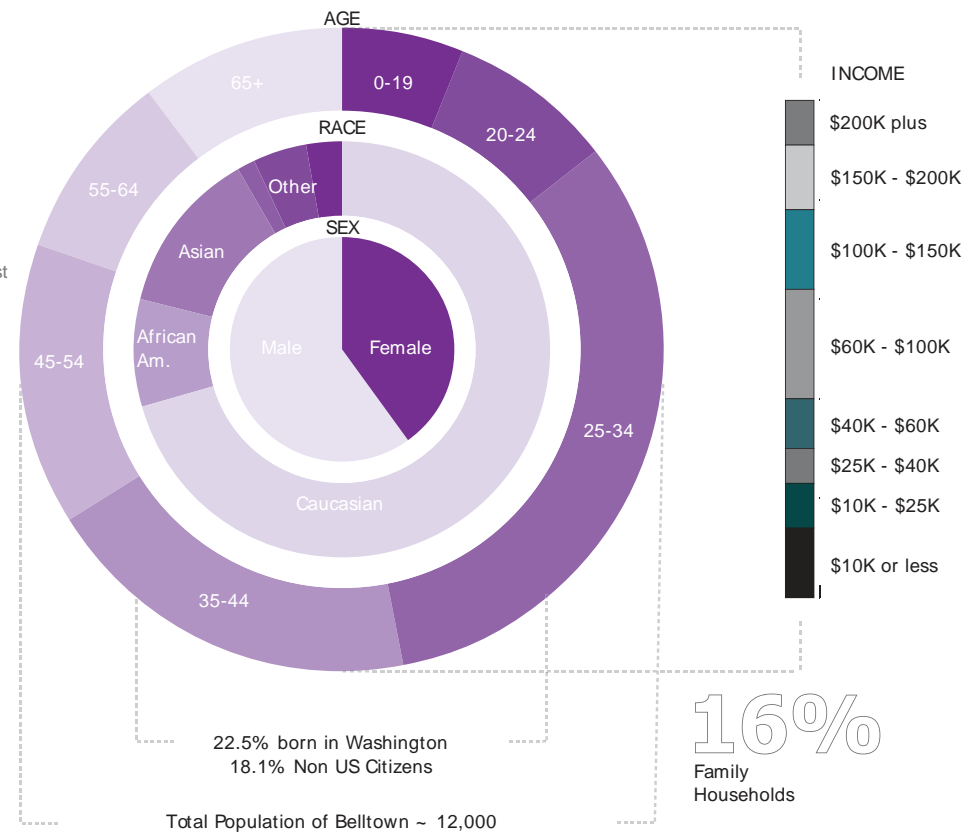
**8,161**  
/ square mile

Belltown is the 6th fastest growing neighborhood in America

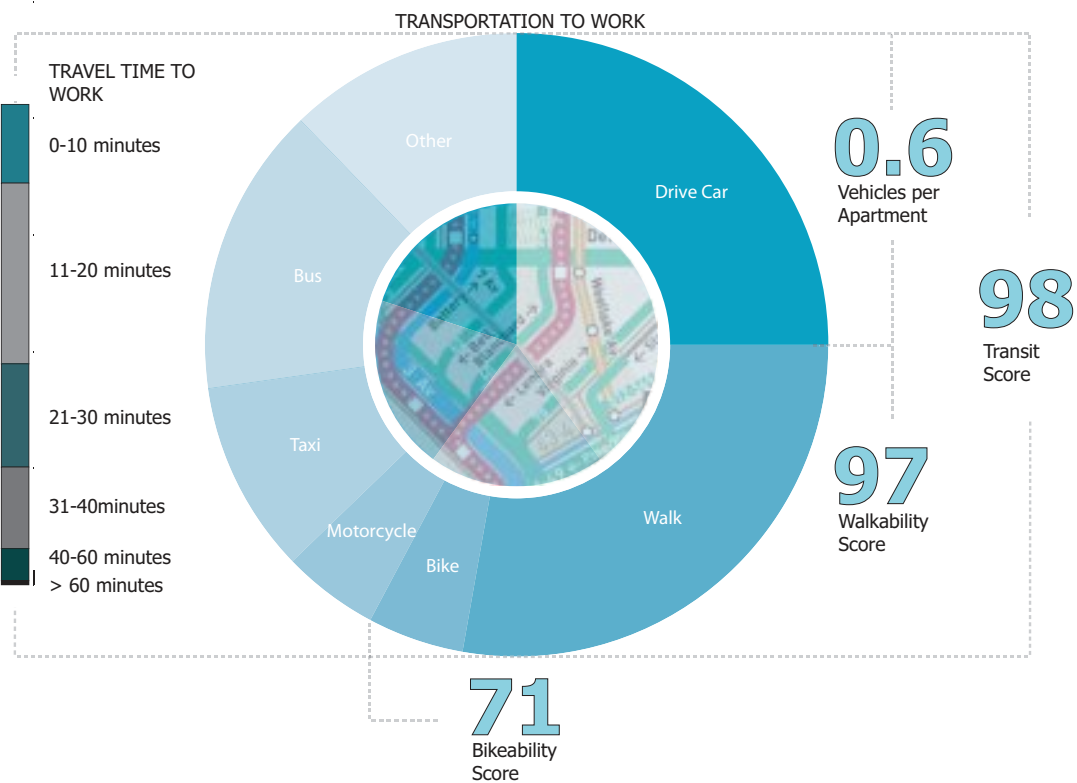
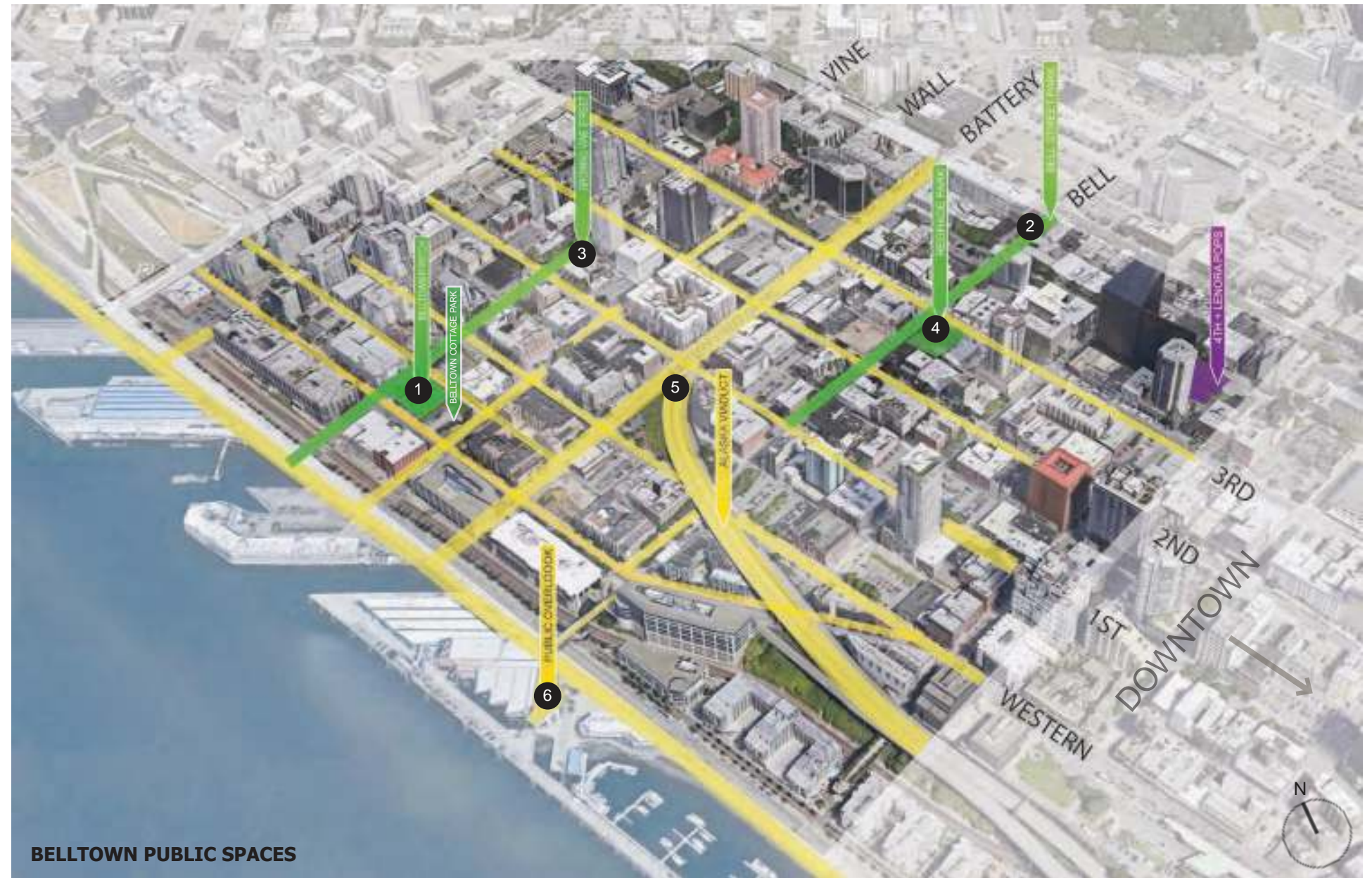
**8,109**  
Households

**100+**  
Restaurants, bars and Cafes

**50+**  
Major employers



➔ PUBLIC GREEN SPACE     
 ➔ PUBLIC RIGHT OF WAY     
 ➔ PRIVATELY OWNED PUBLIC SPACE



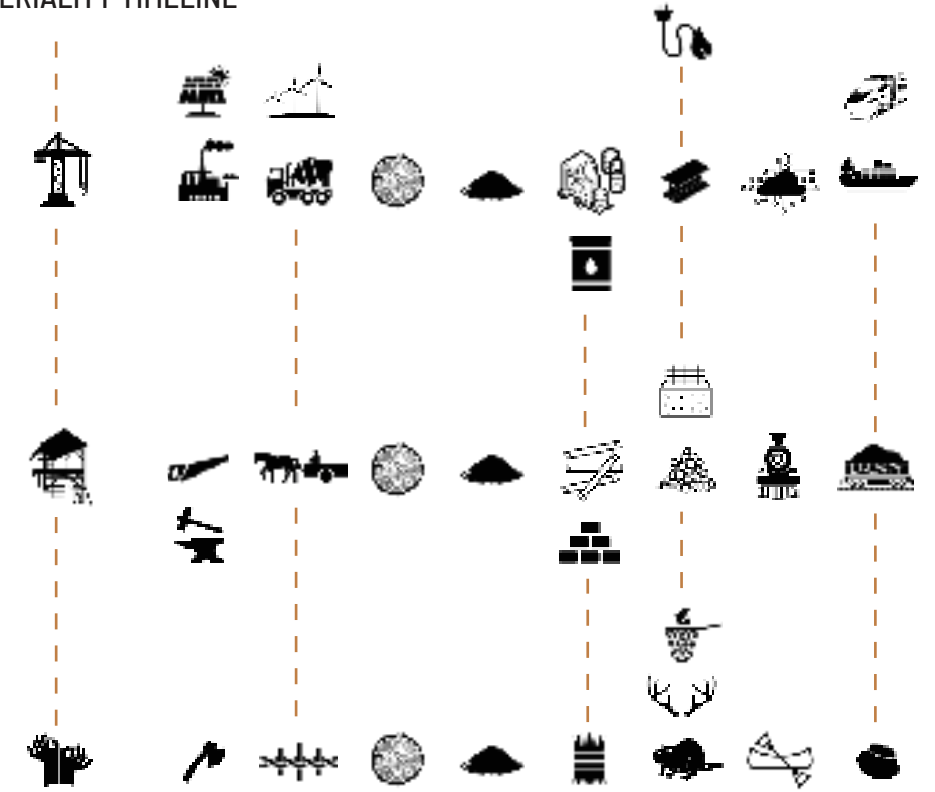
Drawings: Rachel Wells

# DEEP CONTEXT

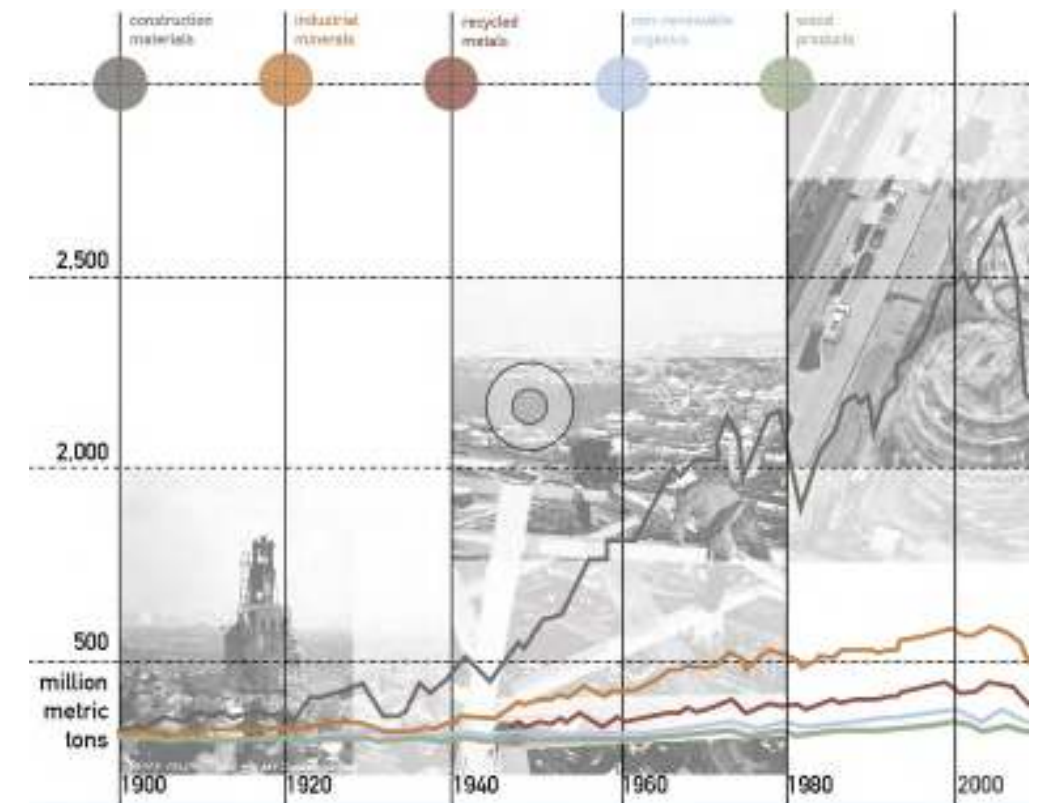


# DISTRICT ANALYSIS

## MATERIALITY TIMELINE



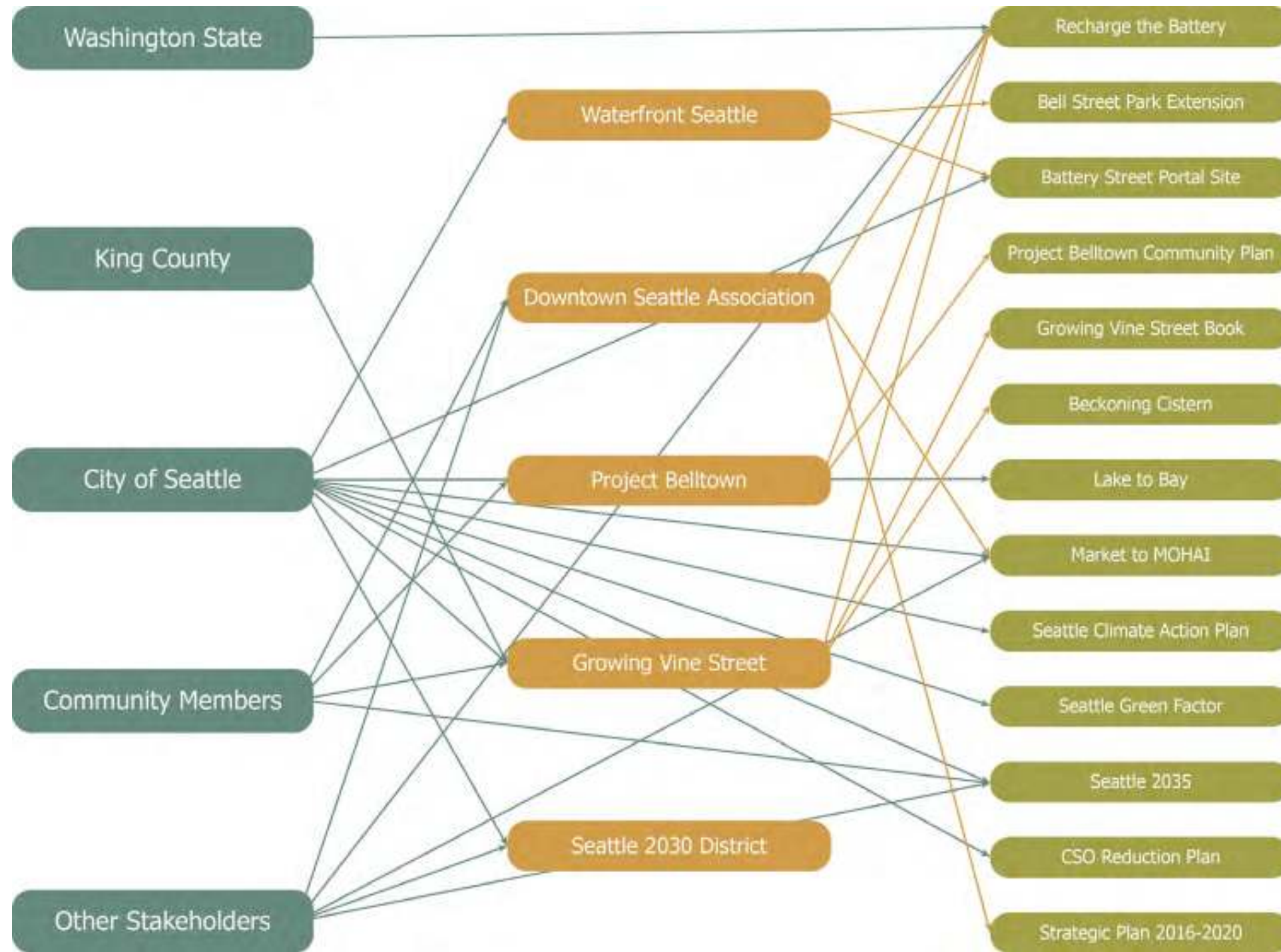
## POPULATION GROWTH AND RESOURCE USE



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# PLANS



# DISTRICT ANALYSIS



## GREENER BELLTOWN : BLUER SOUND

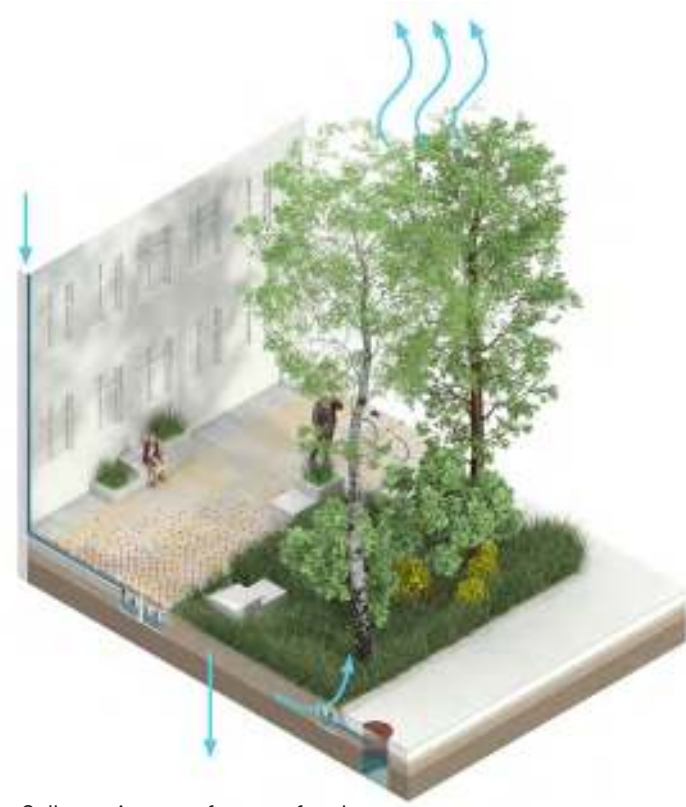
City / Nature for Climate Resilience





# DISTRICT TOOLBOX

# STORMWATER TOOLBOX



Collect rain water from roof and pavement to re-use it.

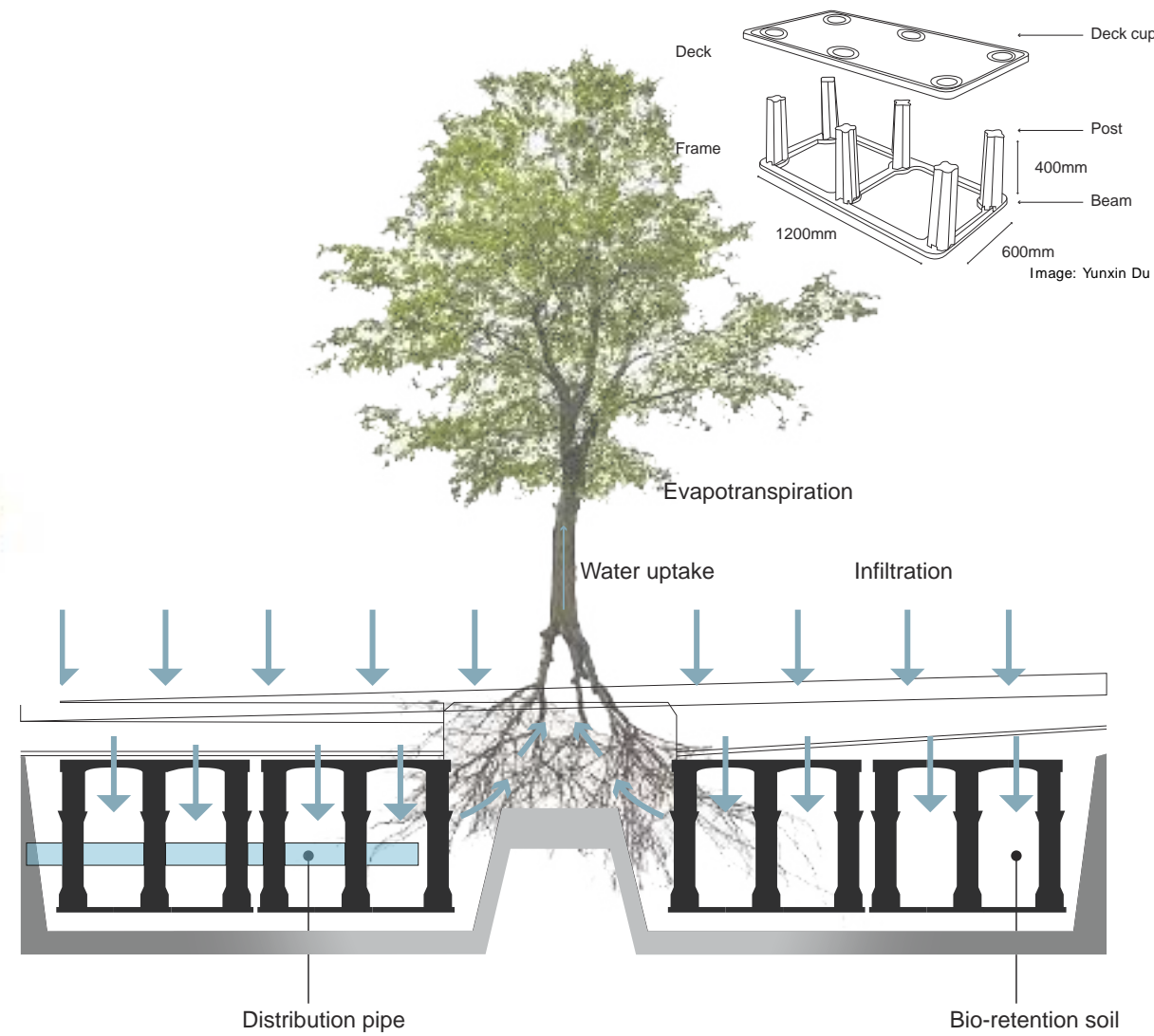


Image: Yunxin Du

- PERVIOUS PAVEMENT
- STRATA/STRATA CELLS
- URBAN FOREST
- BIOFILTRATION CELLS/PLANTERS
- GRASSPAVE
- GREEN FACADES
- GREEN ROOFS
- GREEN WALLS
- SPLASH BOXX
- CISTERNS
- CONSTRUCTED WETLANDS

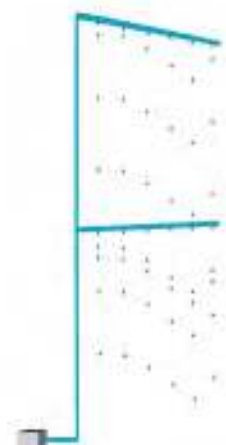
Typical Green Wall Components  
Waterproof Layer



Steel Structure



Irrigation



Growing Planters



GREENER BELLTOWN : BLUER SOUND

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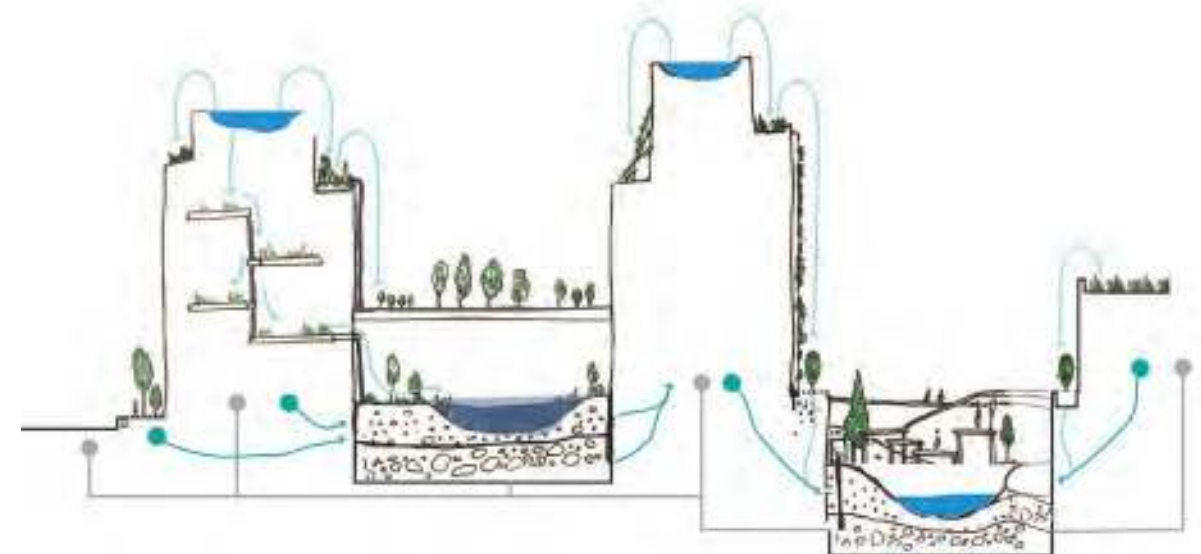
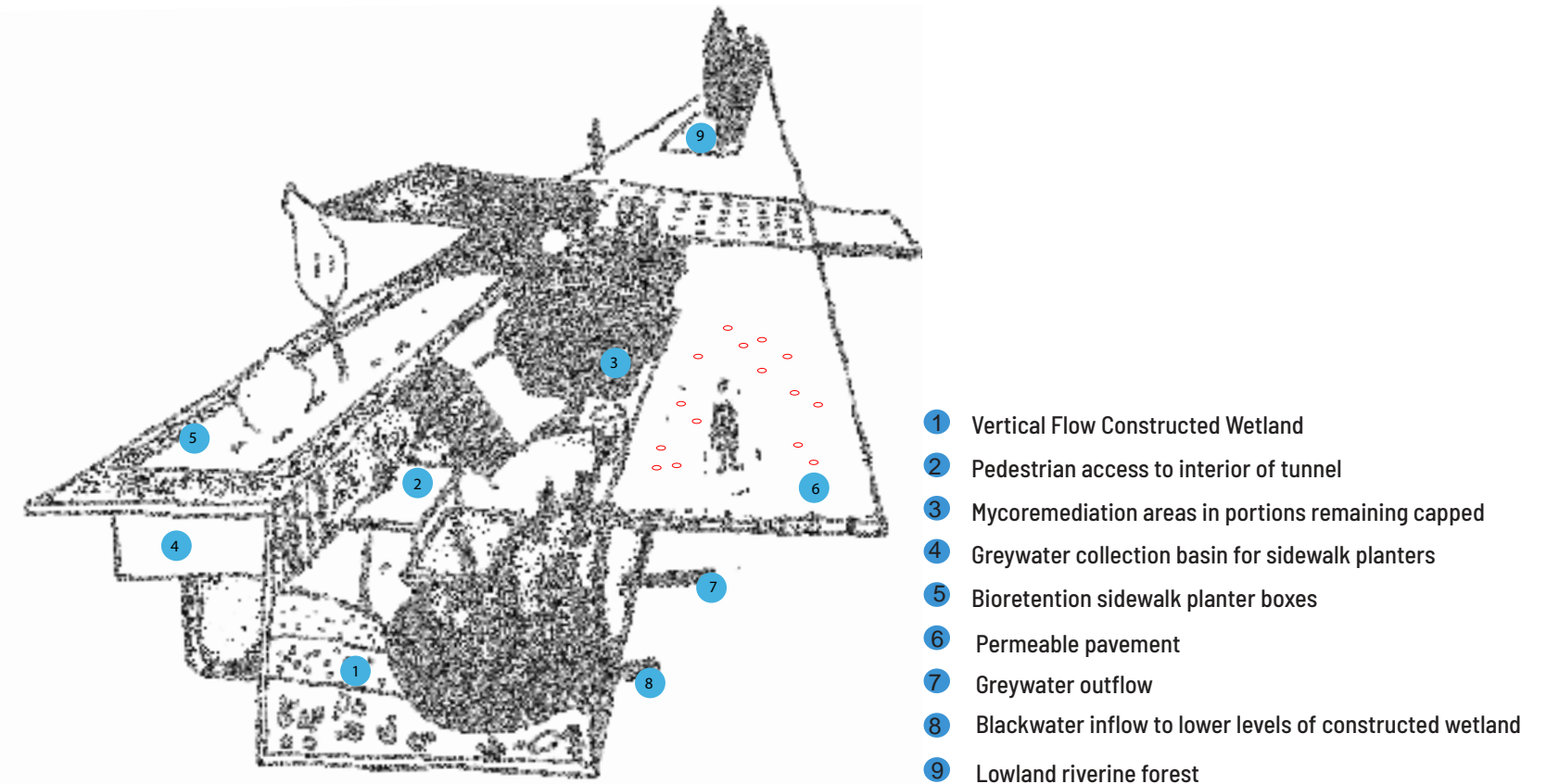
# **DISTRICT FRAMEWORKS**

# WATER



# DISTRICT FRAMEWORK

Daylighted portions of the Battery Street Tunnel

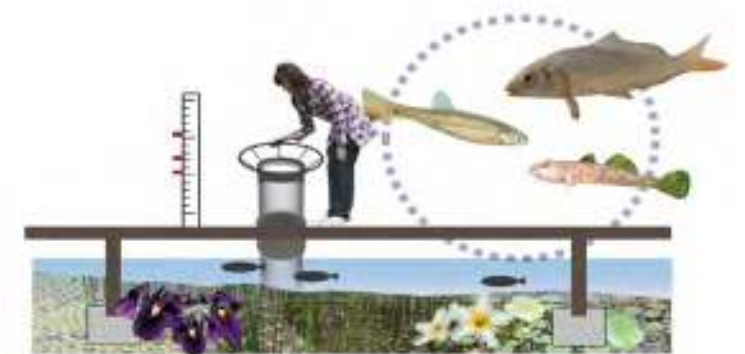
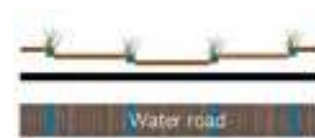
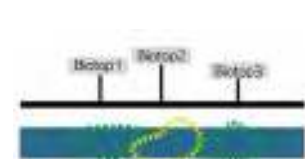
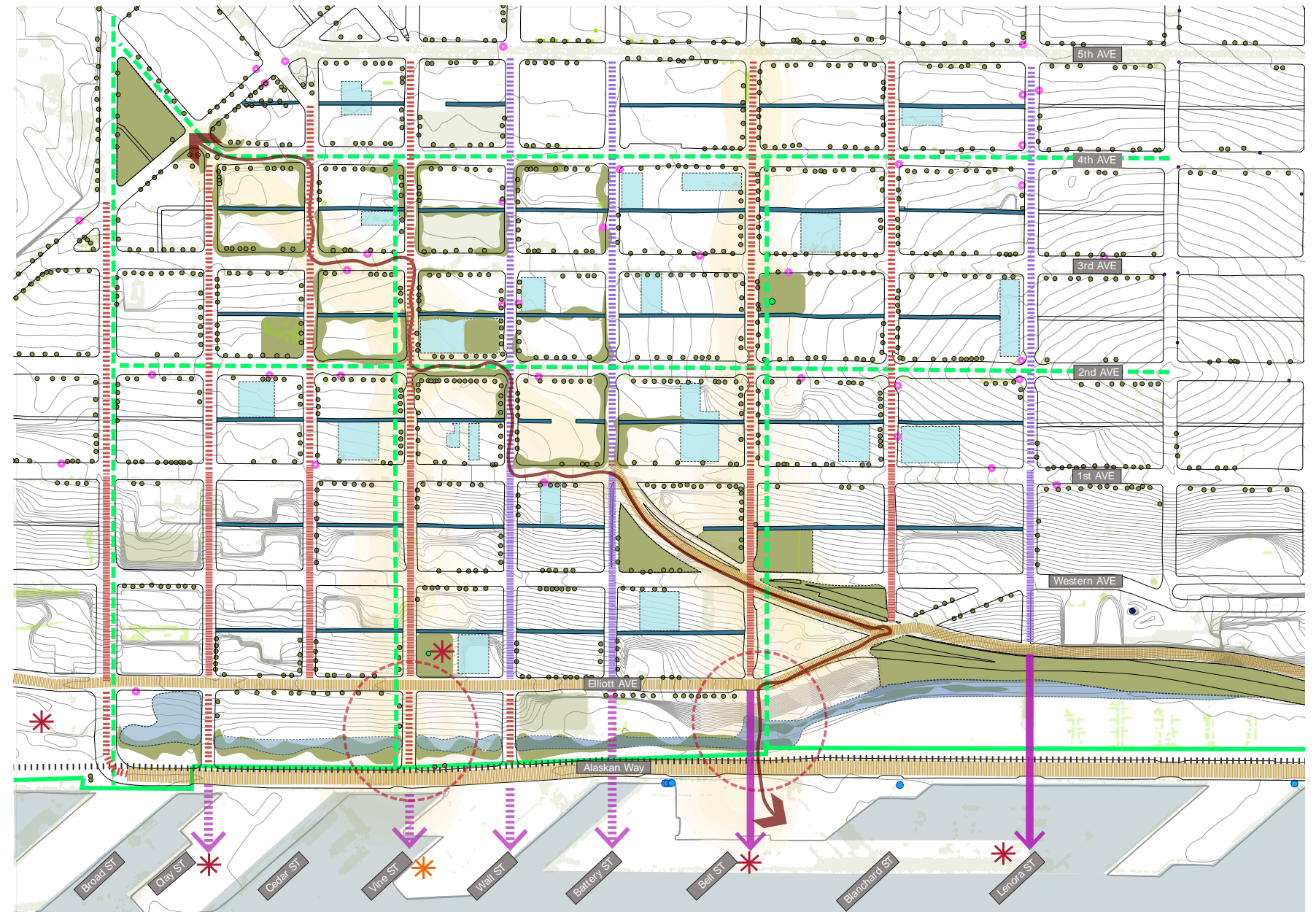


## GREENER BELLTOWN : BLUER SOUND

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# MOBILITY

# DISTRICT FRAMEWORK



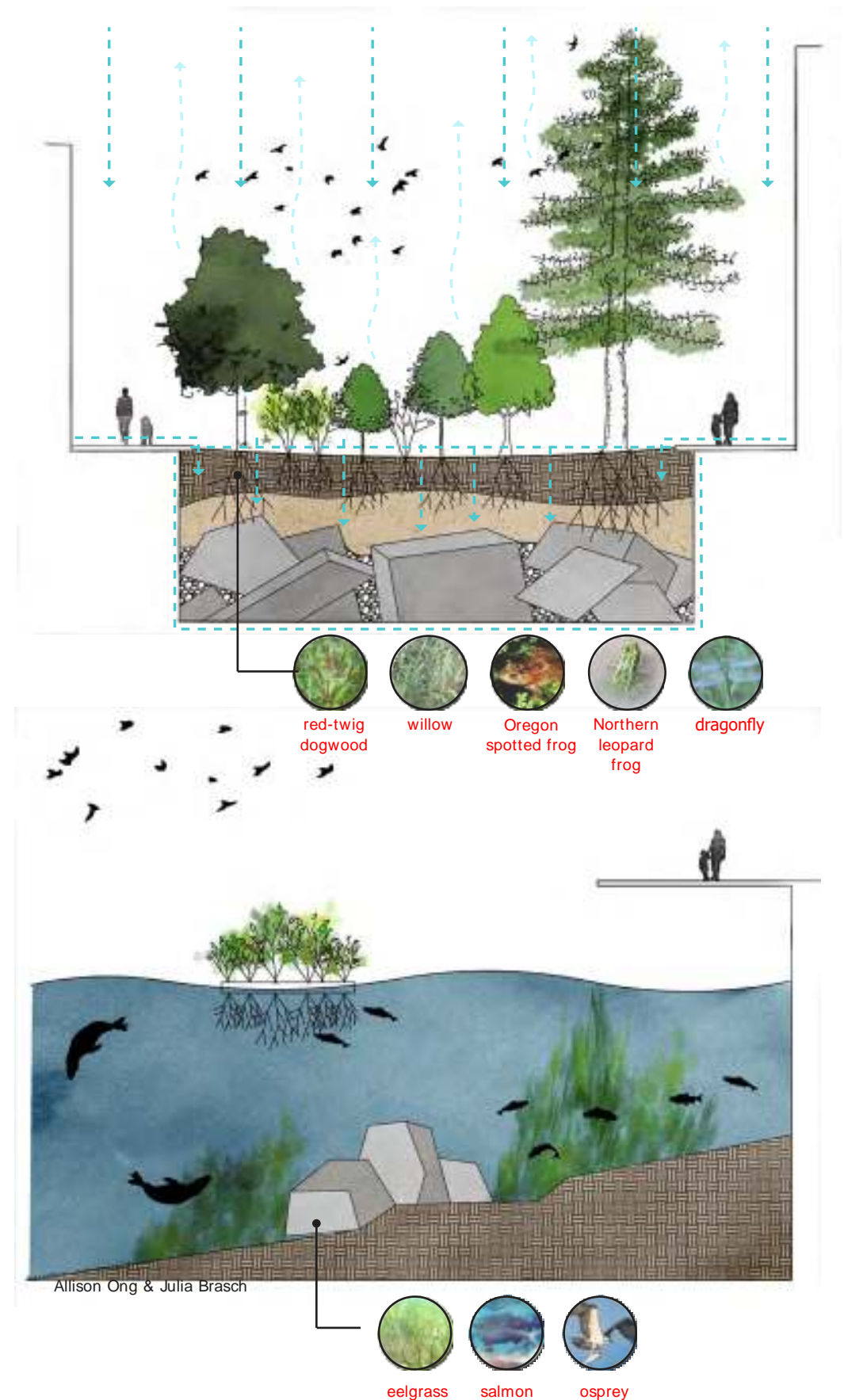
## GREENER BELLTOWN : BLUER SOUND

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# ECOLOGY



# DISTRICT FRAMEWORK



## GREENER BELLTOWN : BLUER SOUND

City / Nature for Climate Resilience

# SOCIAL

# DISTRICT FRAMEWORK



### Maximizing Wide Sidewalks:

Green walls on the neighborhoods building facades utilize and slow stormwater runoff from rooftops. The north-east side of the buildings supports healthy management of the vegetation due to the orientation to the sun and managed water access from rooftop cisterns. These wide sidewalks on the shadier side of the street allow for large and continuous bioretention cells to manage water from all surrounding impervious surfaces.

# DEEP CONTEXT



What if every historic building in Belltown had...

## A Blue Roof...



<b>Historic Buildings</b>	23
<b>Average Roof Area Per Building</b>	7,000 sq. ft.
<b>Avg. Depth of Blue Roof</b>	3"
<b>Volume of Water Per Building</b>	13,090 gallons
<b>Total Volume of Water</b>	

**301,070 gallons**

## An External Cistern...



<b>Potential Site Area</b>	206,667 sq. ft.
<b>Average Water Storage Depth</b>	4"
<b>Cubic Feet of Water</b>	68,900
<b>Volume of Water Per Building</b>	13,090 gallons
<b>Total Storage In Potential Sites</b>	

**515,400 gallons**

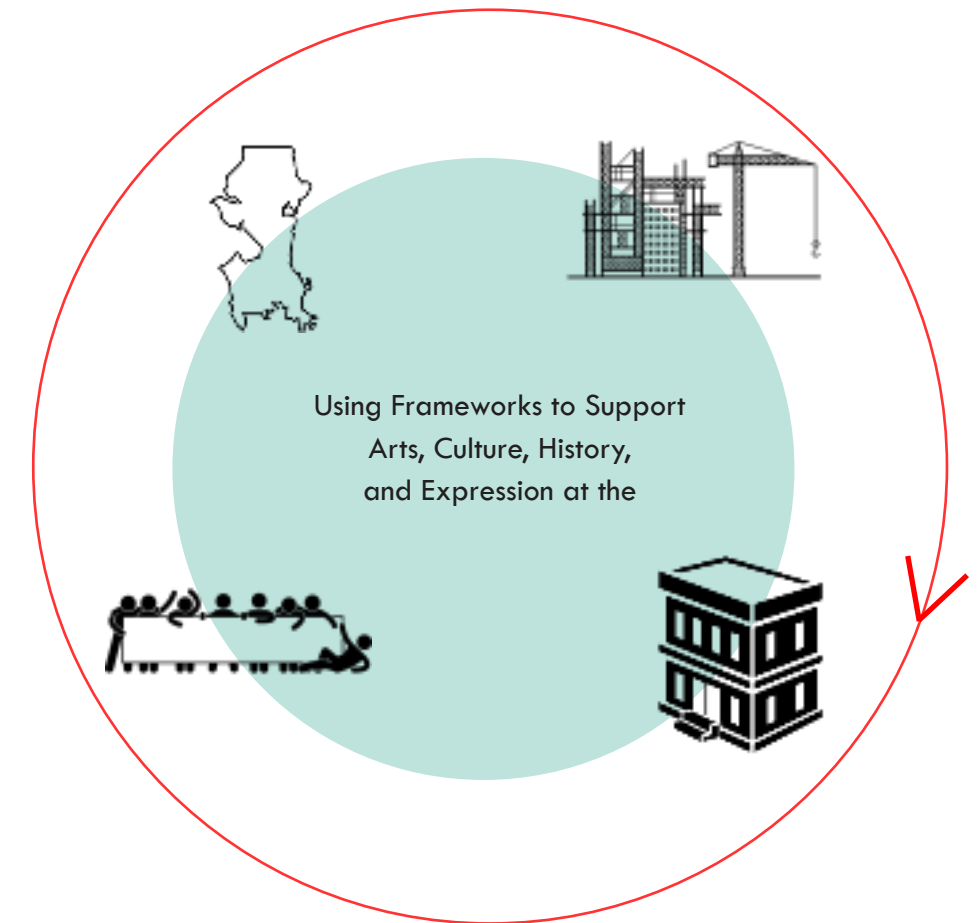
## A Raingarden...



<b>Historic Buildings</b>	23
<b>Average Size Garden</b>	30 sq. ft.
<b>Avg. Depth</b>	6"
<b>Rainfall Captured in Rain Event</b>	70 gallons
<b>Total Volume of Water</b>	

**1,610 gallons**

# DISTRICT FRAMEWORK





# STORMWATER METRICS

**POTENTIAL IF FRAMEWORKS IMPLEMENTED**

**2,338,670 GALLONS  
STORMWATER STORAGE**

**894,413,635 GAL.  
STORMWATER MANAGED**

**468,819,140 GAL.  
POTABLE WATER SAVED**

**TARGET**

**130,000 GALLONS  
STORMWATER STORAGE**

**67,000,000 GALLONS OF  
POTABLE WATER SAVED +  
STORMWATER MANAGED**



## SITES: BELLTOWN

- 1** Alleyways
- 2** Small-Scale Interventions
- 3** Battery Street Portal
- 4** Battery Street
- 5** Waterfront and Connections
- 6** P-Patch Parking Lot



## BEACH TO BLUFF

Aaron Parker, Margot Chalmers,  
Nina Mross, Roxanne Glick

This project was catalyzed by the planned removal of the waterfront trolley tracks running along Alaskan Way. Despite its prime waterfront location, this area is used as a conduit for transport and boat tourists. It is largely an impermeable, grey expanse.

Our vision is to fill this void in the city fabric, by growing and layering social, cultural, ecological, and hydrological networks across the site. We looked at a pre-development ecotone of beach to bluff, and overlaid it onto the contemporary urban condition, interpreting beach, deflation plain, backshore, bluff, and upland forest into our interventions. In addition, we looked to the Native Belltown Vision for guidance in this culturally rich area.

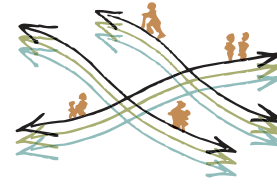
Our big moves are reclaiming much of Alaskan Way, adding new pedestrian zones and access, several expansive new habitat areas, and a GSI alternative to the CSO interceptor pipe.

Image: Aaron Parker

R. Glick



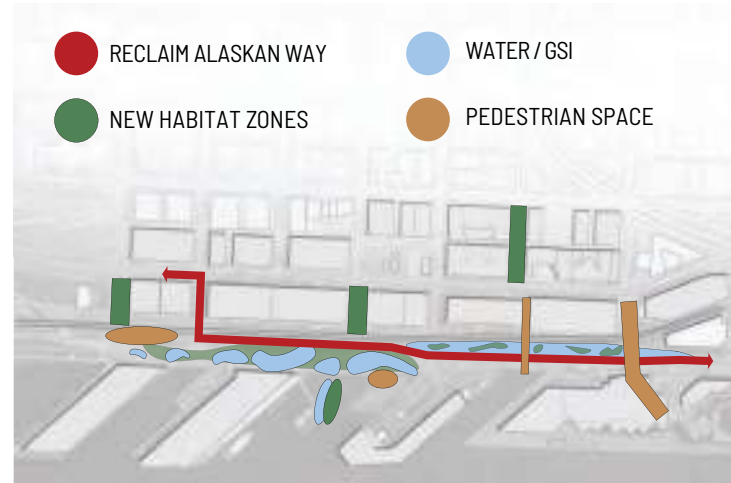
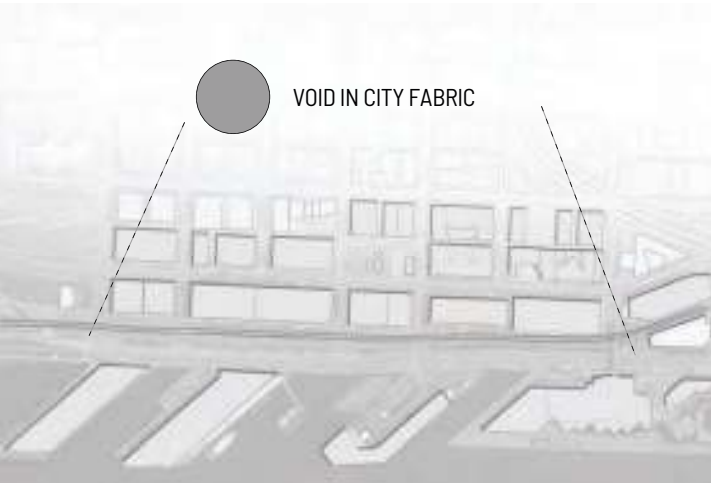
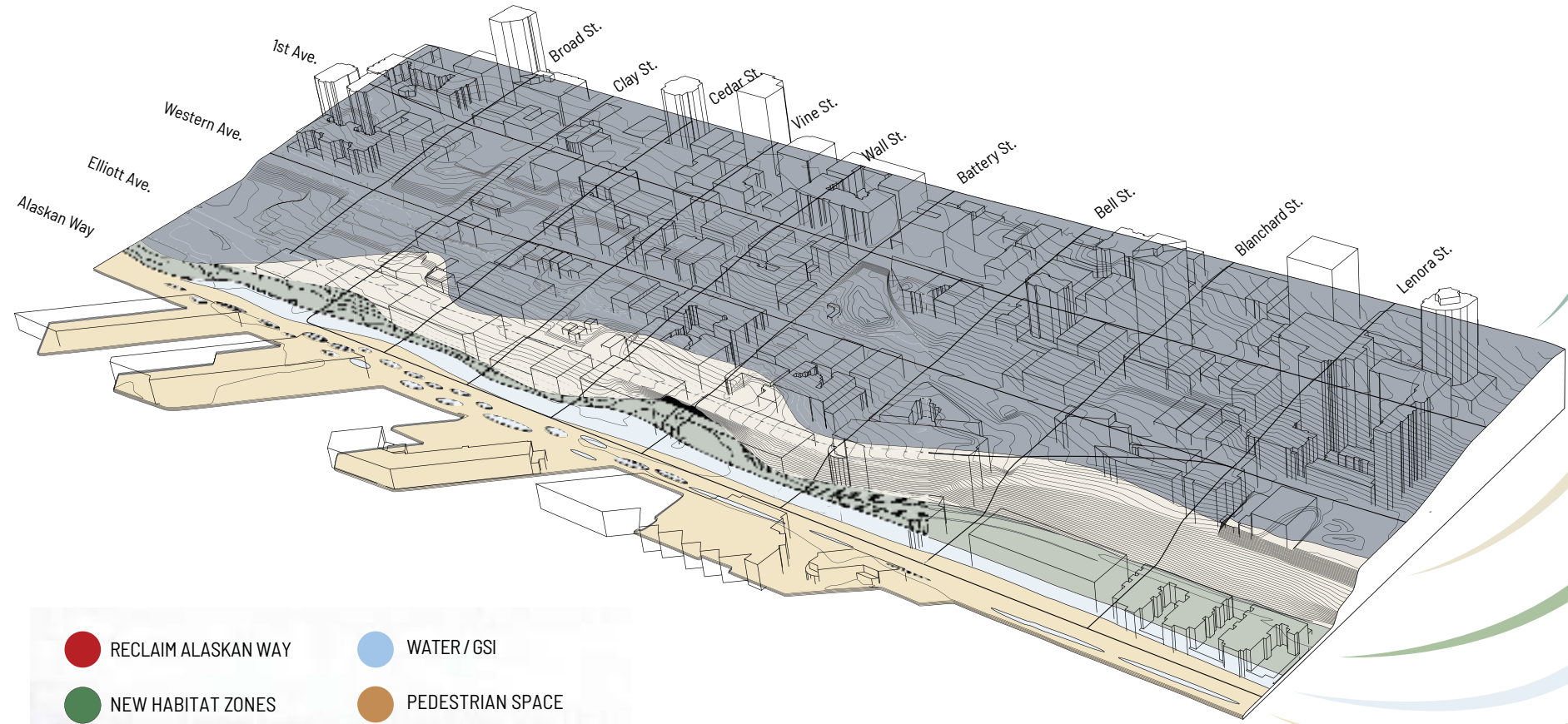
VIBRANT SOCIAL & CULTURAL SPACES



RECONNECT WEBS OF LIFE



SENSE OF PUGET SOUND

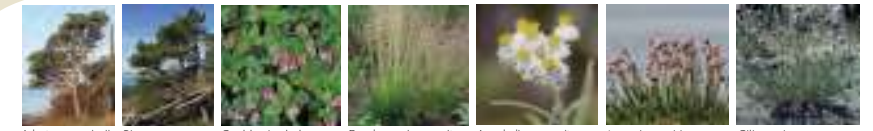


UPLAND FOREST EDGE



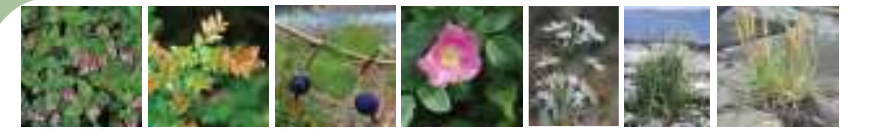
*Picea sitchensis* Sitka Spruce, *Populus tremuloides* Quaking Aspen, *Acer circinatum* Vine Maple, *Vaccinium ovatum* EG Huckleberry, *Berberis nervosa* Low Oregon Grape, *Polystichum munitum* Sword Fern, *Aquilegia formosa* Columbine

BLUFF



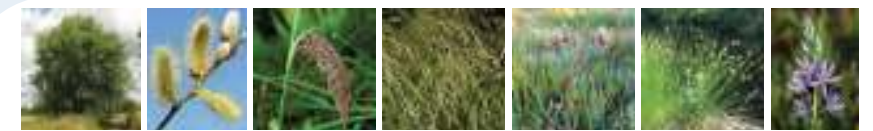
*Arbutus menziesii* Madrone, *Pinus contorta* Shore Pine, *Gaultheria shaloni* Salal, *Deschampsia caespitosa* Tufted Hairgrass, *Anaphalis margaritacea* Pearly Everlasting, *Armeria maritima* Sea Pink, *Gilia capitata* Blue Gilia

BACKSHORE



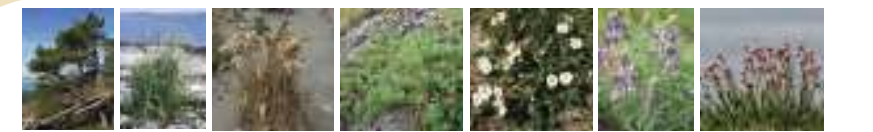
*Gaultheria shaloni* Salal, *Vaccinium ovatum* EG Huckleberry, *Ribes divaricatum* Coast Gooseberry, *Rosa nutkana* Nootka Rose, *Aster spp.* Aster, *Elymus mollis* Dunegrass, *Plantago maritima* Sea Plantain

DEFLATION PLAIN / WETLAND



*Fraxinus latifolia* Oregon Ash, *Salix spp.* Willow, *Scirpus spp.* Bulrush, *Glyceria elata* Tall Mannagrass, *Carex spp.* Sedge, *Juncus spp.* Rush, *Camassia spp.* Camas

BEACH



*Pinus contorta* Shore Pine, *Elymus mollis* Dunegrass, *Poa macrantha* Seashore Bluegrass, *Arctostaphylos uva-ursi* Kinnikinnick, *Fragaria chiloensis* Coast Strawberry, *Lupinus littoralis* Seashore Lupine, *Armeria maritima* Sea Pink

N. Mross



Beach

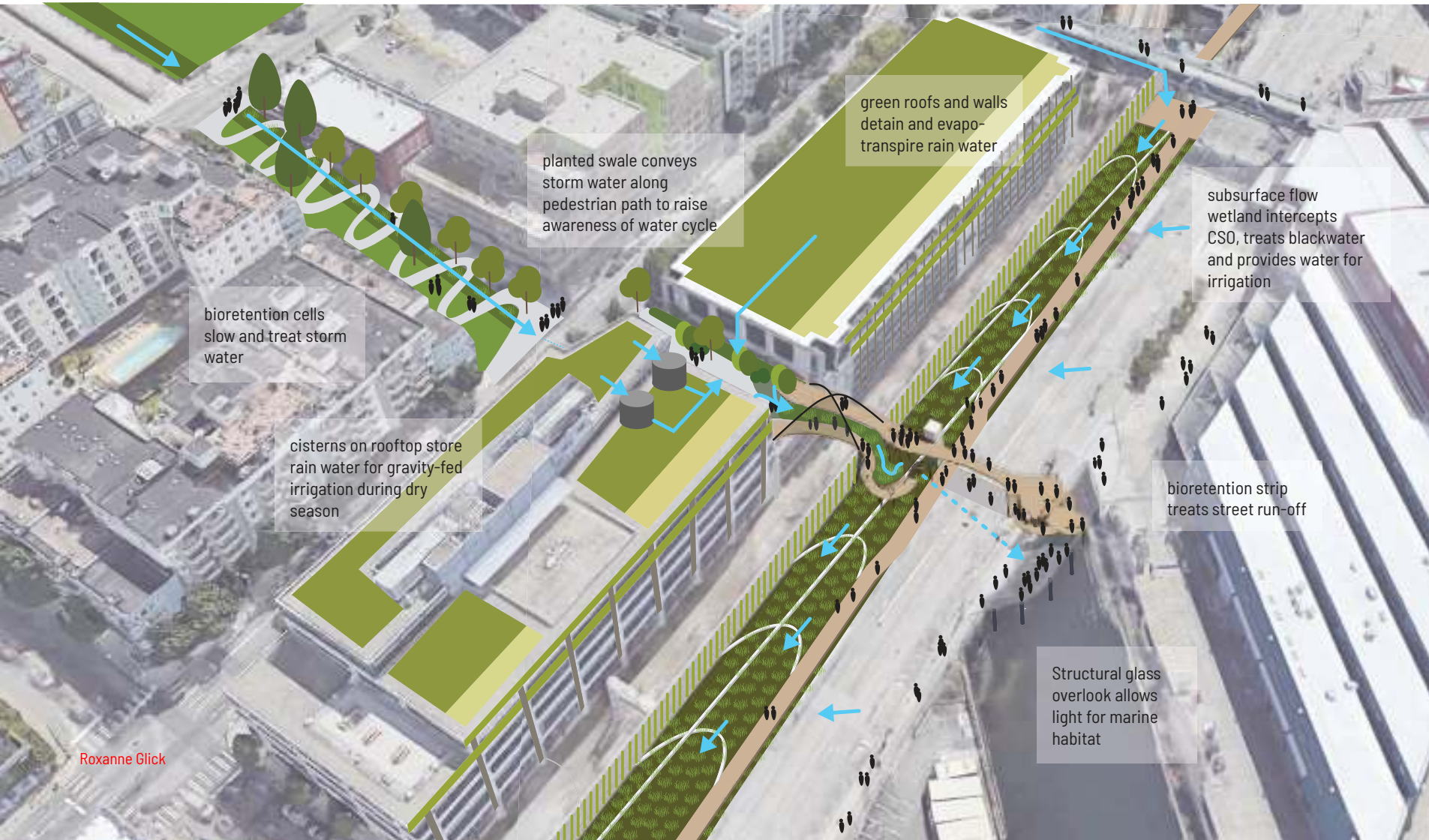
Deflation Plain

Backshore

Bluff

Upland

## Water system overview diagram



# UPLAND FOREST WALKWAY



Image: Aaron Parker

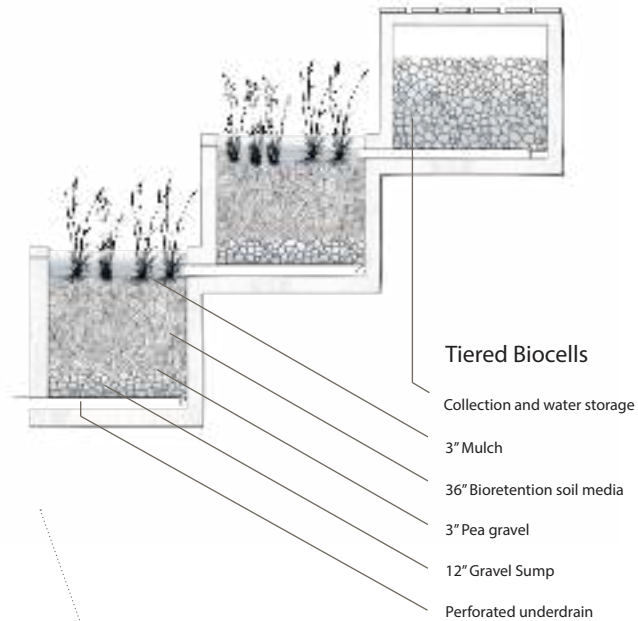


Image: Aaron Parker

**Street claiming typology:**

Transferring streets from cars to usable pedestrian space.

Connections from the waterfront into Belltown offer a unique challenge; one must cross train tracks and navigate between uninviting buildings, there is very little attractive signage or wayfinding, and there is a substantial elevation change and steep grade.

This typology offers an ADA path smoothly winding between open flexible and durable turf area, seasonally colorful plantings, and a substantial green stormwater infrastructure to manage adjacent building stormwater runoff.

The stormwater infrastructure offers simple biocell technology gathering drainpout runoff and also provide extra storage during substantial rain events.

# CLOUD BRIDGE



The existing Bell Street Bridge infrastructure is layered onto, thickening function and enhancing the experience. Cedar slats, green roofs, string lighting, and vines inhabit what was once a utilitarian space. Treated runoff and greywater is brought

over the bridge and vaporized into clouds in the summer, cooling the sunny bridge. A new connection is made to the interceptor wetlands running along Alaskan Way. Black water is brought from the above neighborhoods into two large storage tanks

underneath the new under-bridge plaza. At the upper entrance, a new Native Landing Portal welcomes visitors to Belltown, and the historic site of babáqwab, or Little Prairies, the Duwamish village that once stood here.



# BATTERY STREET RAVINE

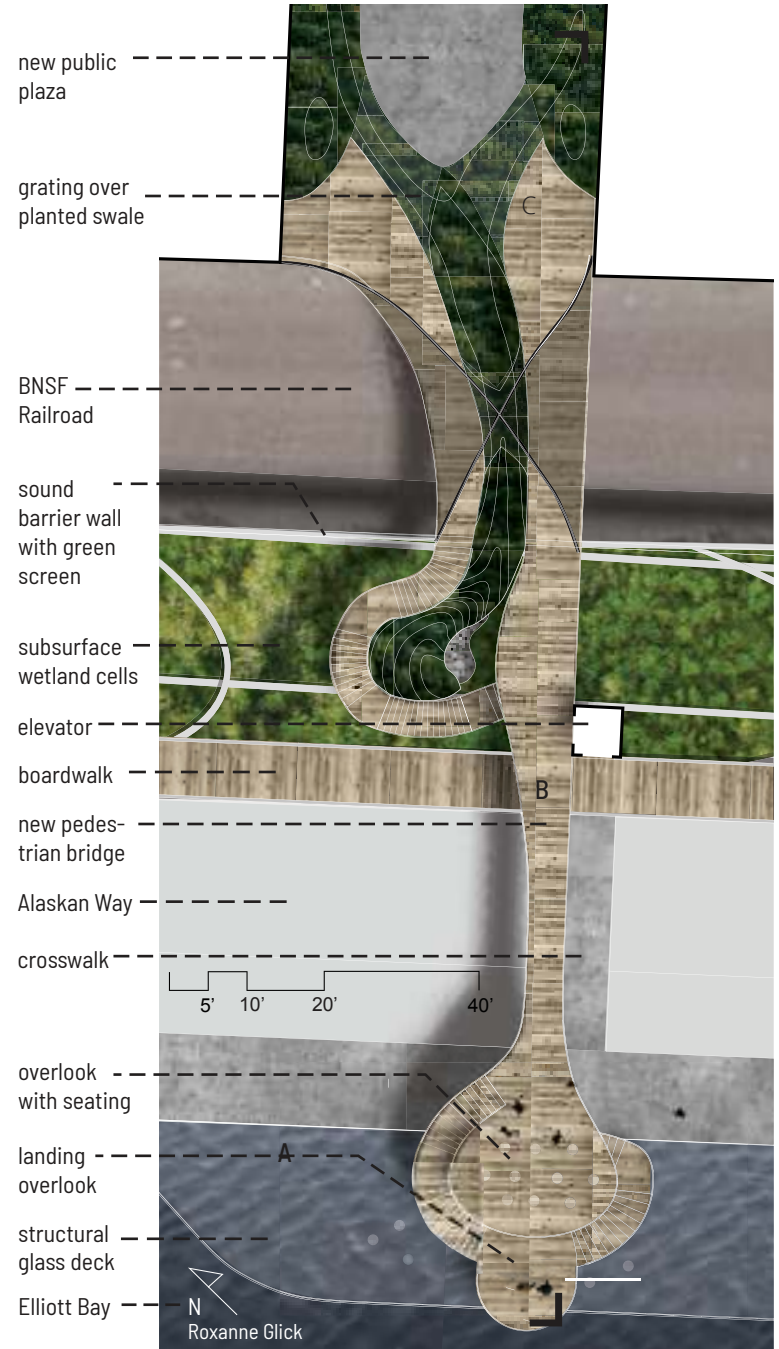


Roxanne Glick

View C. Passage through time - Little Prairies Memorial

A new pedestrian connection between Elliott Ave and Alaskan Way at the base of Battery Street, draws formal inspiration from a ravine that use to exist in this area. The experience walking the bridge travels through history and the water cycle. View "C" shows an enclosure over the train tracks etched with historic photos of the same view beyond and could integrate other memorial elements to the burial ground in this area. In view "B" a native-planted seasonal stream (fed by roof runoff) is integrated with the bridge structure. In View "A" the pedestrian bridge terminates in a multilevel viewing deck with a structural glass ground level to maximize light for salmon habitat below.

## New Battery Street Pedestrian Bridge Plan





Roxanne Glick

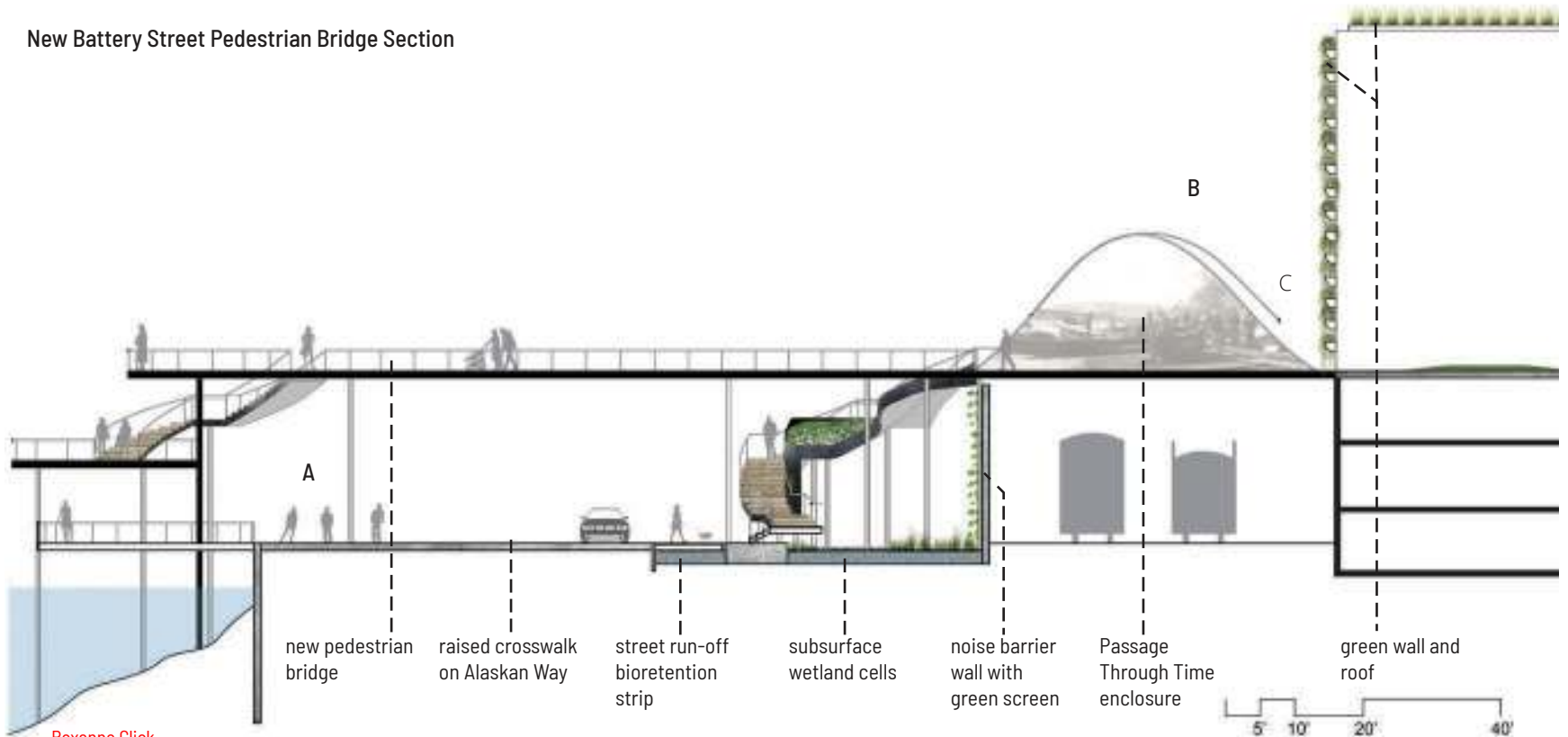
View B. Eco-revelatory swale-bridge



Roxanne Glick

View A. Waterfront stair-shelter with glass deck

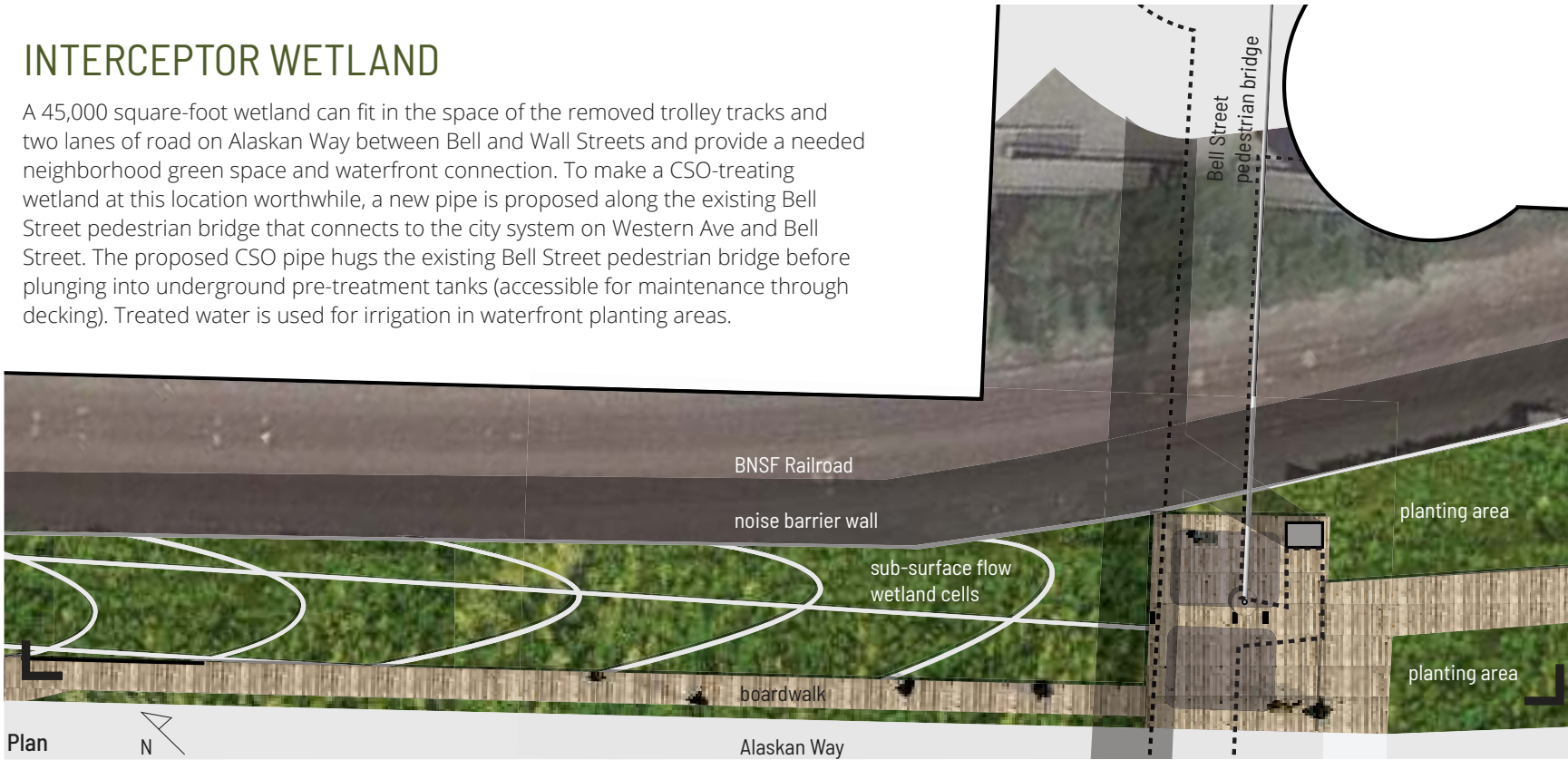
### New Battery Street Pedestrian Bridge Section



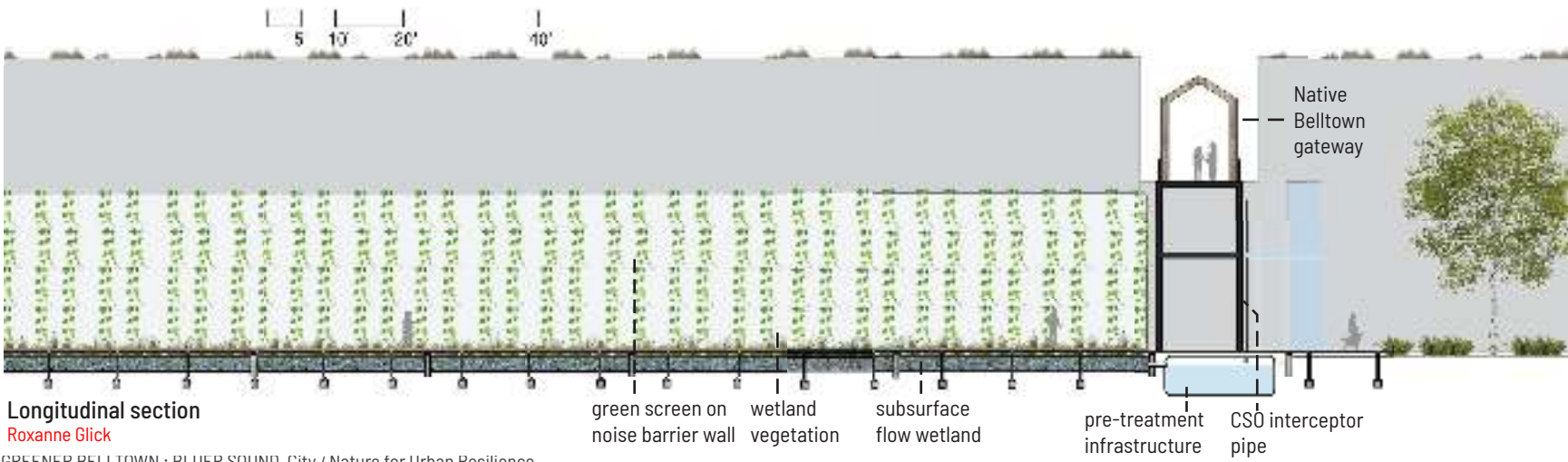
Roxanne Glick

# INTERCEPTOR WETLAND

A 45,000 square-foot wetland can fit in the space of the removed trolley tracks and two lanes of road on Alaskan Way between Bell and Wall Streets and provide a needed neighborhood green space and waterfront connection. To make a CSO-treating wetland at this location worthwhile, a new pipe is proposed along the existing Bell Street pedestrian bridge that connects to the city system on Western Ave and Bell Street. The proposed CSO pipe hugs the existing Bell Street pedestrian bridge before plunging into underground pre-treatment tanks (accessible for maintenance through decking). Treated water is used for irrigation in waterfront planting areas.



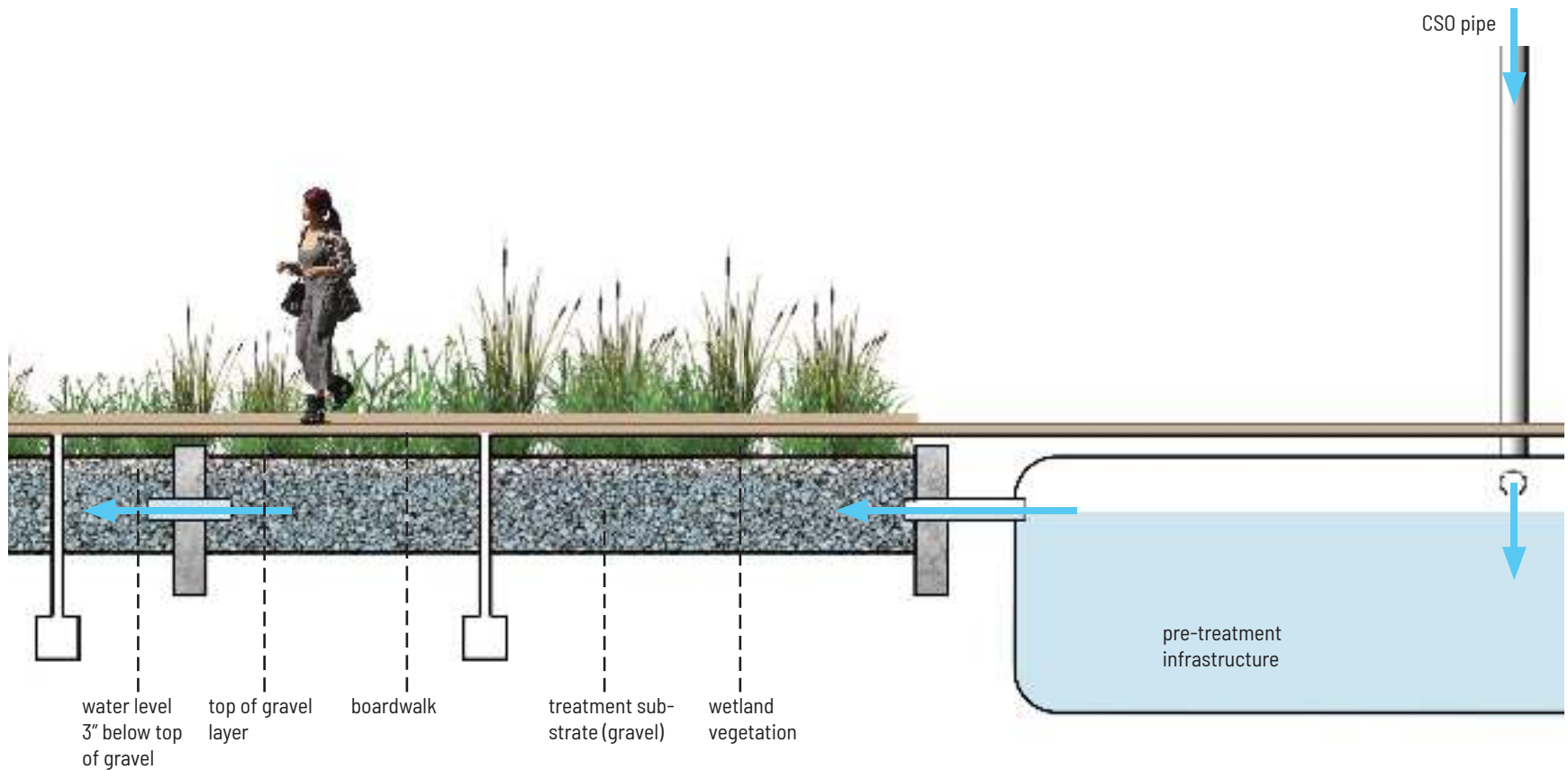
Plan  
Roxanne Glick



Longitudinal section  
Roxanne Glick

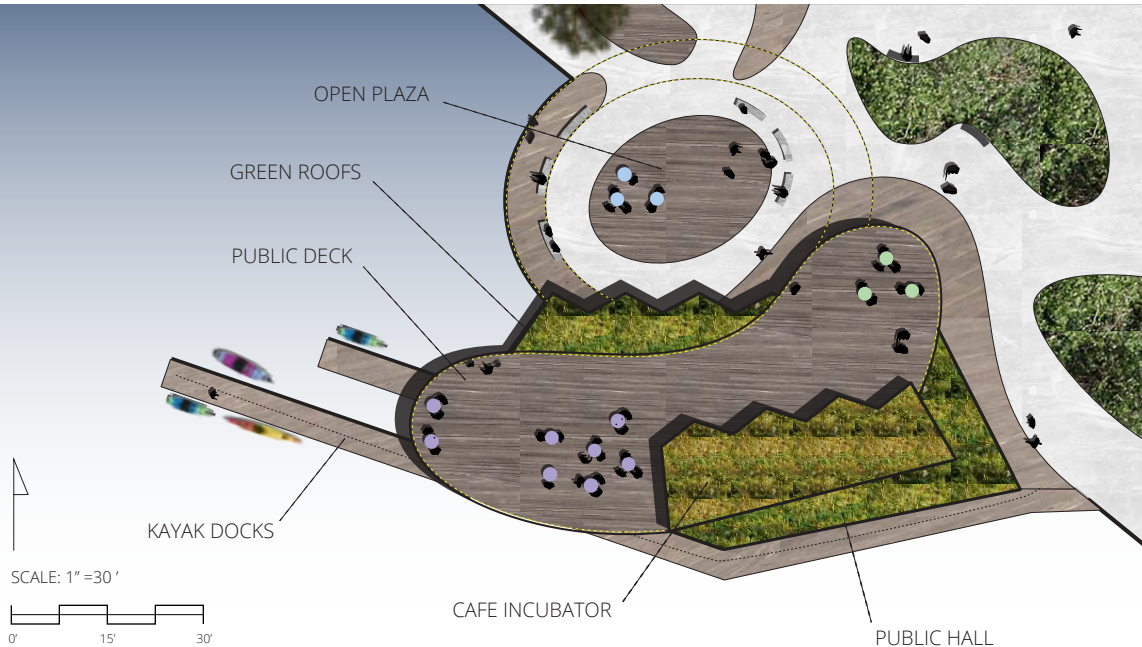
## Subsurface Flow Wetland

This proposal calls for blackwater-treating green infrastructure with a capacity up to 850,000 gallons of water that could be collected from 12 blocks of southern Belltown would help prevent combined sewer overflows. Water is treated in a series of horizontal flow subsurface wetland cells without the risk of contact with people or pets. According to the EPA Wastewater Technology Fact Sheet on Subsurface Flow Wetlands, water quality improvement is due to physical, chemical and biochemical processes, especially microorganisms attached to submerged surfaces including the gravel its self.



# WATER'S EDGE COMMUNITY CENTER

This center provides 4,000 ft<sup>2</sup> of public indoor space, plus a large plaza, performance space and roof deck. It has sports and educational capacity, restrooms and showers, a visitor's center, and a cafe incubator on the roof. Pop-up events can be held both inside and out. Summer camps and after school programs use the space. In summer, the building is open and airy - in winter, warm and inviting. Both upper and lower levels have green roofs, fed by greywater from the building. A kayak dock brings waterborne visitors up to the center and Alaskan Way. Locals and tourists alike come for the views, the programming, the food, and the conviviality.



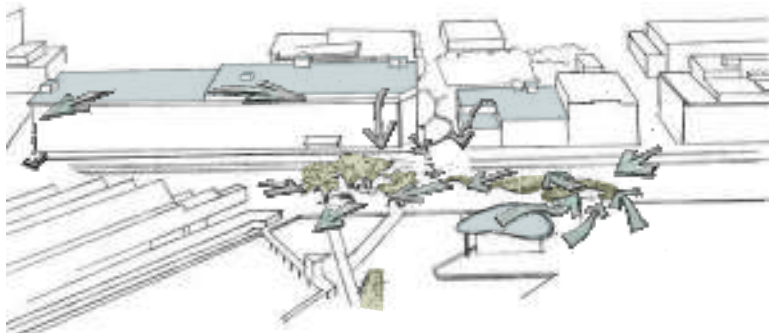


Section typologies

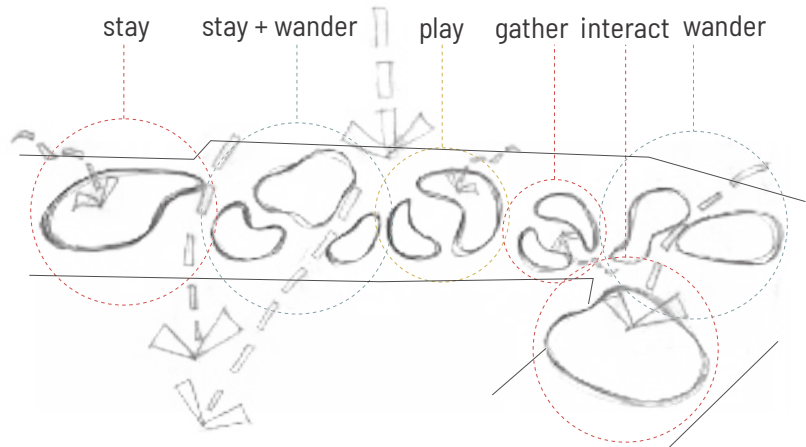
section perspective

All images: Margot Chalmers

(Above) Plan Detail: This segment of the plan depicts how the Dunescape connects and functions with the community center and boardwalk.



(Above) Site Hydrology: Arrows depict the movement of water throughout this area of the site. Water is collected from surrounding rooftops, parking lots, and streets. It then infiltrates the boardwalk and enters the underground water storage layer before being deposited to the sound.



(Above) Social Use and Movement: The site comprises of activity nodes, featuring places to play, gather, socialize, wander and relax. The site serves to connect people out onto the water as well as up into Belltown.

# DUNESCAPE BOARDWALK

The waterfront dunescape is a series of rolling boardwalk decking and sunken wetlands that help bring and connect people to the waterfront, provide habitat for birds and wetland creatures, and contain stormwater runoff.

The re-designed boardwalk will serve as a dynamic, open-ended public amenity with areas for relaxing, socializing, strolling, playing + learning. Underneath the boardwalk is an water storage layer that collects water from surrounding streets + buildings. A series of meandering wetland, dunegrass and structural features provide habitat throughout the waterfront.



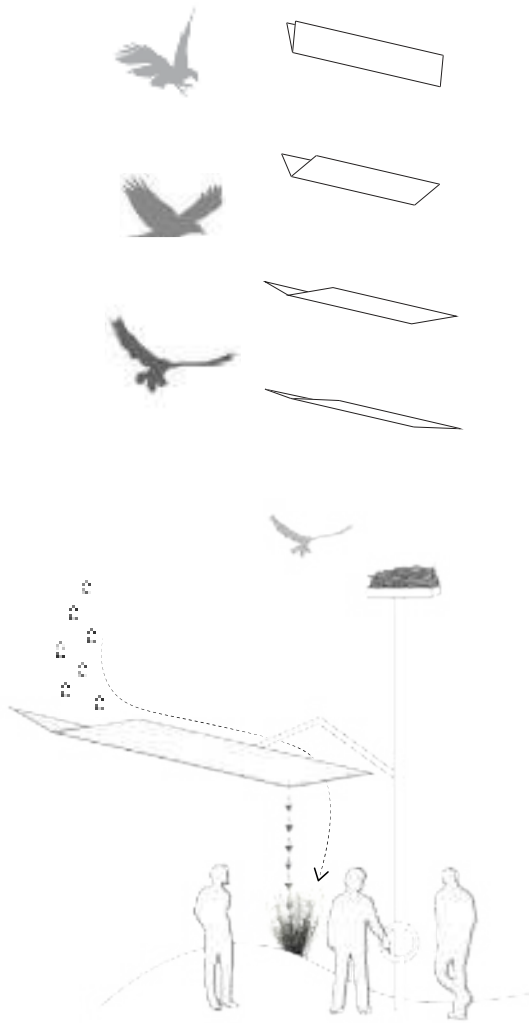
(Above) Concept: Flexible, adaptable “cells” respond to weather events and function as part of an integrated social and ecological system



The Dunescape at night

Soft, inviting pathway and overhead lighting allows the Dunescape to transform into a nighttime strolling + social gathering space. The lighting is designed for minimal interference with bird and wildlife habitat, as overhead structures block light from reaching the osprey nests above.

All images: Margot Chalmers

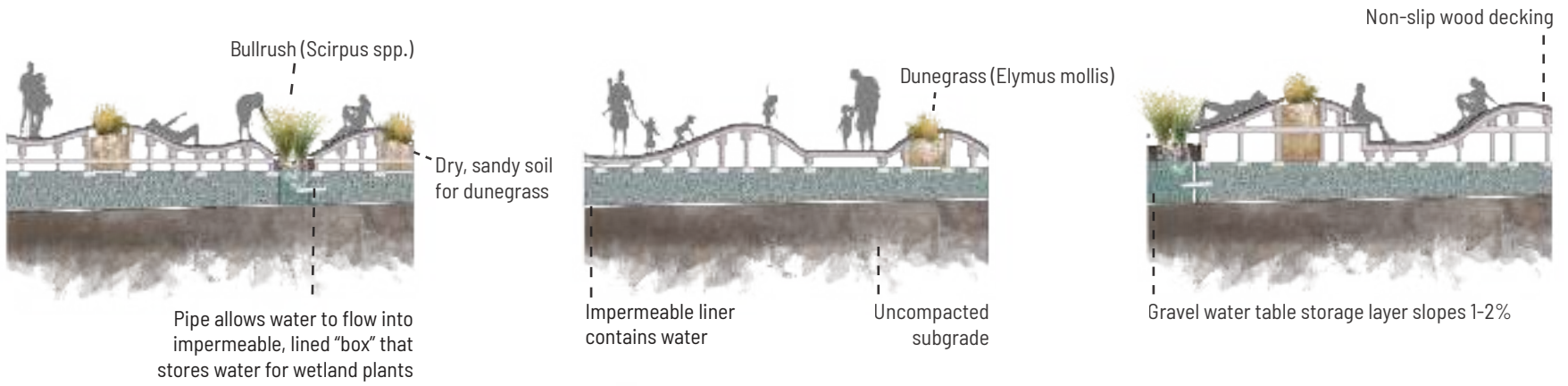


Inspired by the movement of avian wings, these multi-functional structures are found throughout the dunescape. These customizable shelters allow users turn the wheel to open and close the aluminum shelter flaps to their desired extent. The structures funnel water via rainchains into wetland grasses and transfer water to the underground water table storage layer. The structures support nests for ospreys, drawing the user's eye up and around the site.





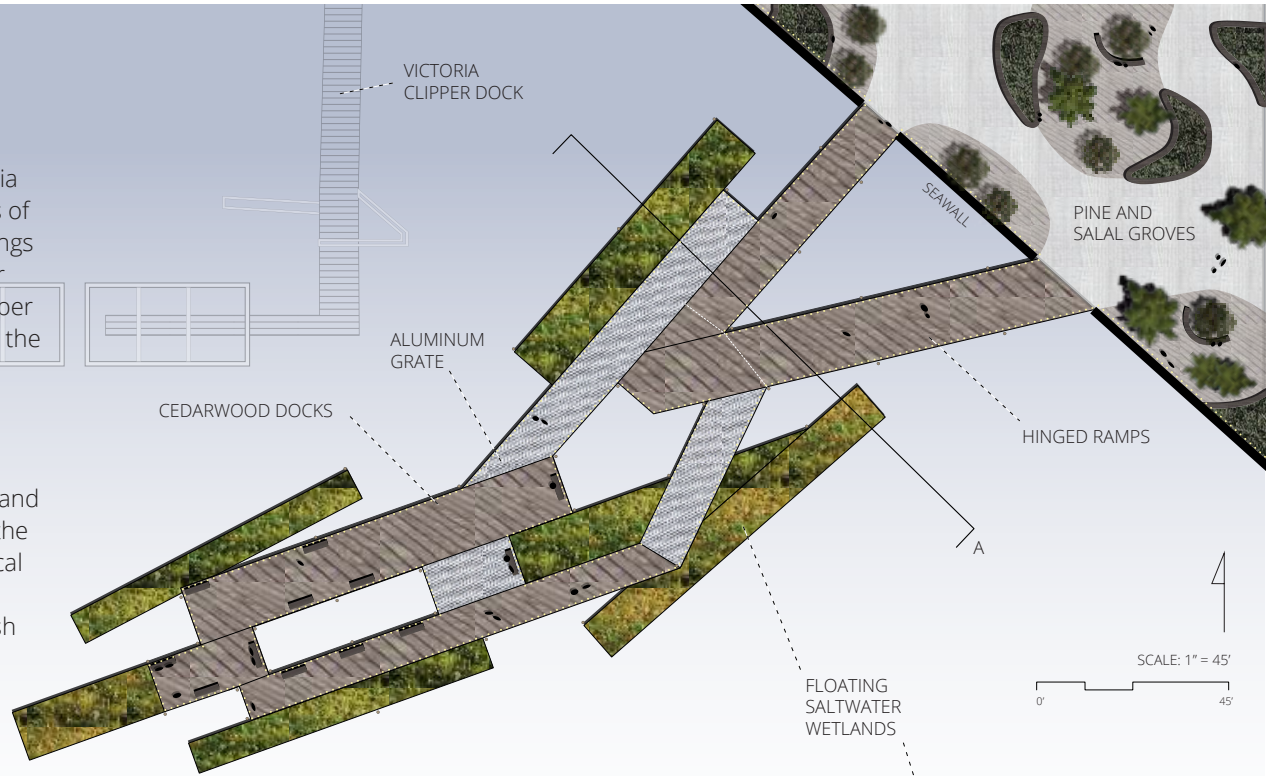
# DUNESCAPE DECKING AND HYDROLOGY



# LOG JAM FLOATING WETLANDS

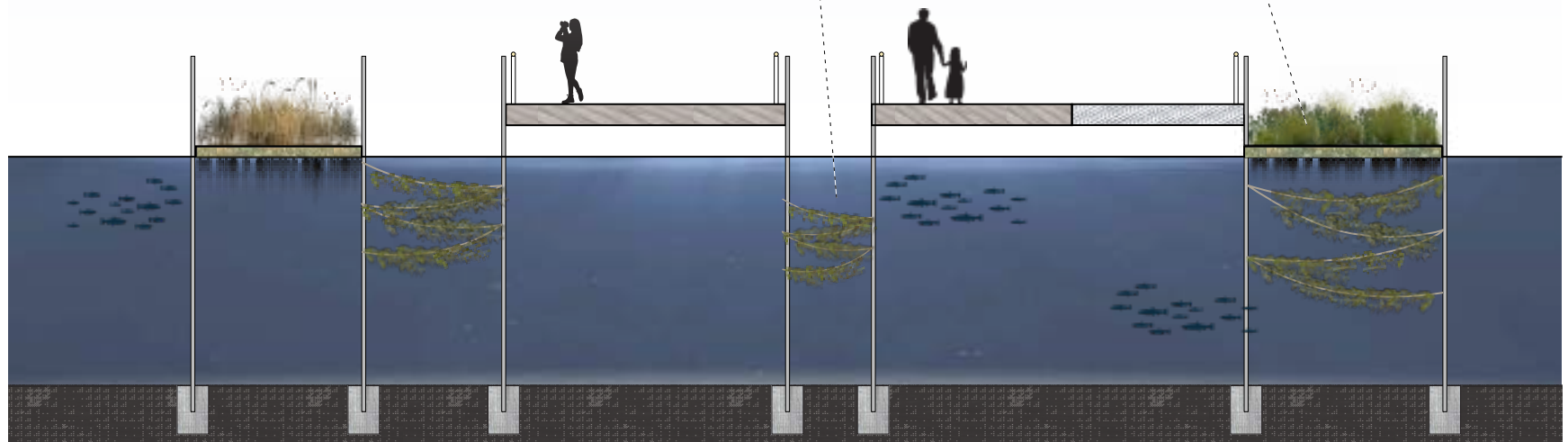
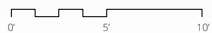
At the foot of Vine St., between the Victoria Clipper and the Edgewater Hotel, a series of floating saltwater wetlands and docks brings visitors out into the water. Anchored near the seawall and allowed to float over deeper water, the docks move up and down with the tide thanks to hinged entrance ramps.

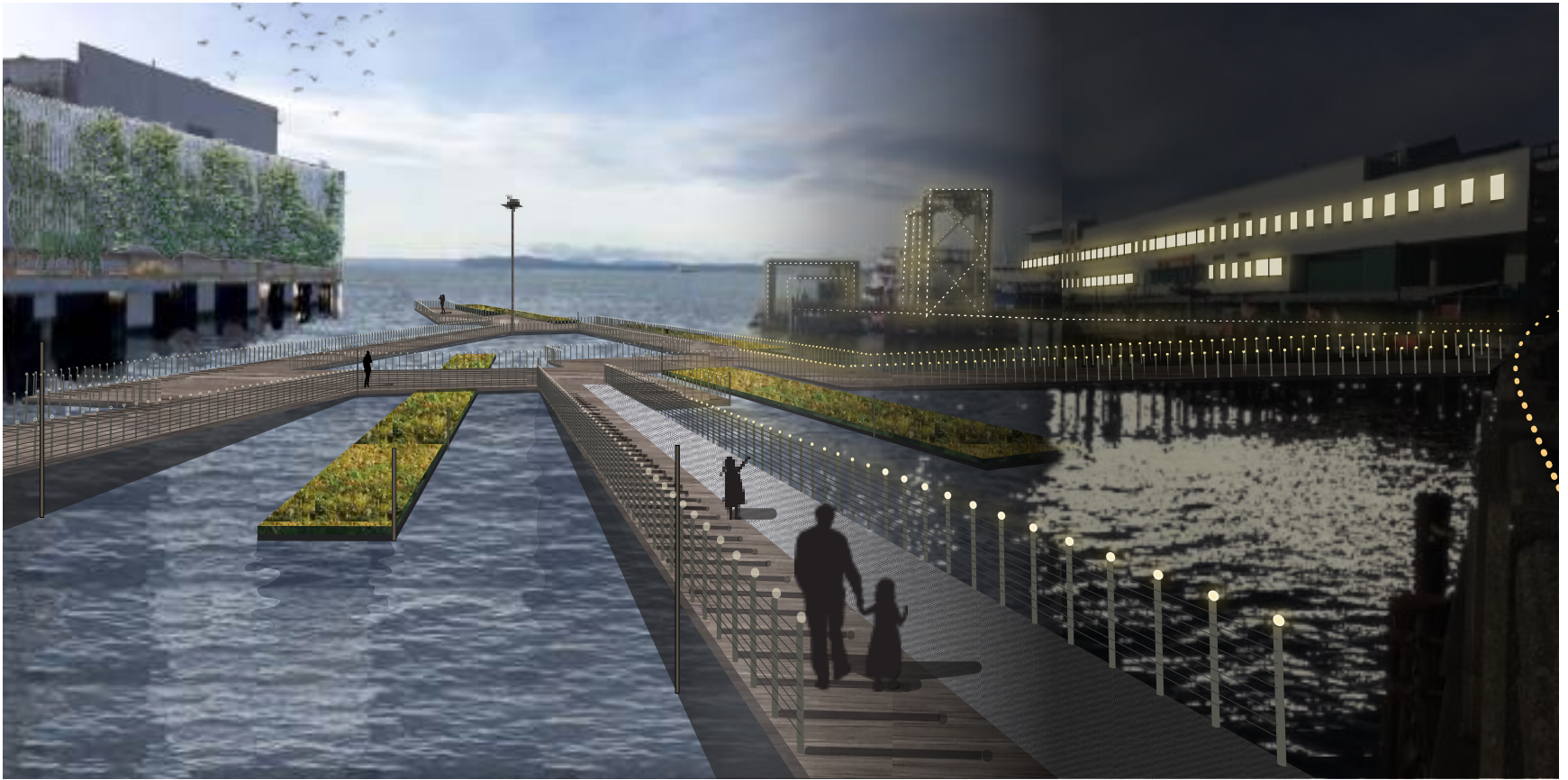
Positioned over CSO 069, these wetlands help clean the water in the event of an overflow, in addition to providing habitat and delight for people. Kayaks can pull up to the south edge of the docks. Inviting, ecological lighting activates the space at night, while protecting wildlife from too bright or harsh photonic disturbance.



## SECTION A

SCALE: 1" = 10'





View of the floating wetlands from one of the entrances on Alaskan Way.

### LOG JAM: PAST AND PRESENT

Inspired by log jams along the coast, this design references both the natural environment and the history of timber, logging, and shipbuilding along Seattle's waterfront. Large trees growing on bluffs fall into waterways, eventually ending up as driftwood logs. Loggers would use waterways to bring felled trees to the open harbor, where they could be shipped or processed.

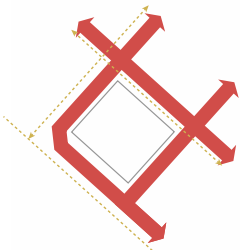
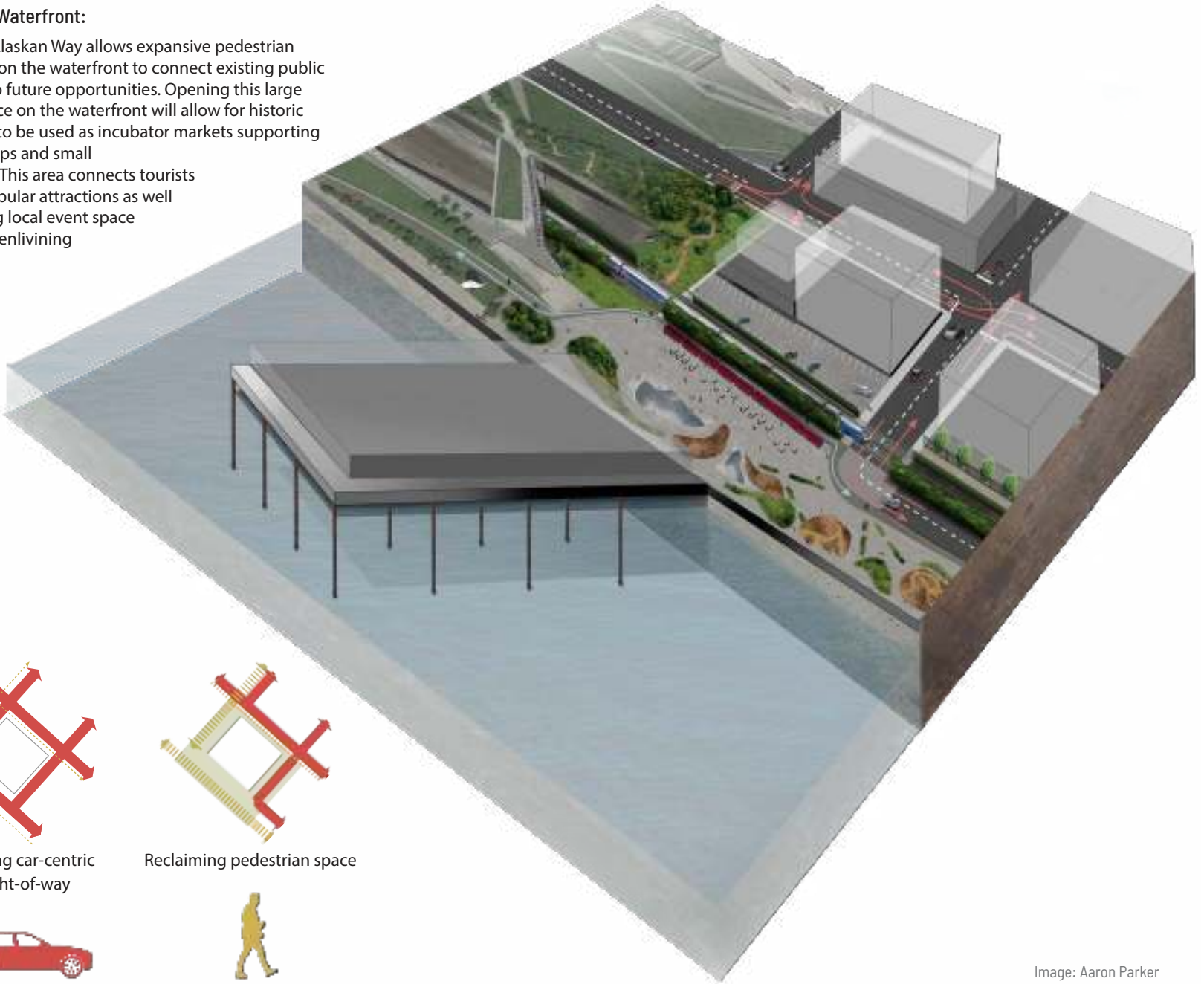
Now, the shapes inspired by these histories bring new life and vital processes to the waterfront.



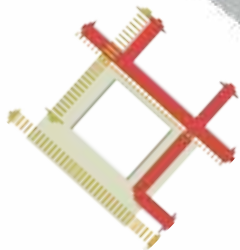
Image courtesy of the Seattle P.I.

### Northwest Waterfront:

Rerouting Alaskan Way allows expansive pedestrian movement on the waterfront to connect existing public resources to future opportunities. Opening this large flexible space on the waterfront will allow for historic trolley cars to be used as incubator markets supporting local start-ups and small businesses. This area connects tourists through popular attractions as well as providing local event space utilizing an enlivening waterfront.



Existing car-centric right-of-way



Reclaiming pedestrian space



# TROLLEY PLAZA & UPLAND MEADOW



Image: Aaron Parker



## BEACH TO BLUFF

Aaron Parker, Margot Chalmers,  
Nina Mross, Roxanne Glick

This project was catalyzed by the planned removal of the waterfront trolley tracks running along Alaskan Way. Despite its prime waterfront location, this area is used as a conduit for transport and boat tourists. It is largely an impermeable, grey expanse.

Our vision is to fill this void in the city fabric, by growing and layering social, cultural, ecological, and hydrological networks across the site. We looked at a pre-development ecotone of beach to bluff, and overlaid it onto the contemporary urban condition, interpreting beach, deflation plain, backshore, bluff, and upland forest into our interventions. In addition, we looked to the Native Belltown Vision for guidance in this culturally rich area.

Our big moves are reclaiming much of Alaskan Way, adding new pedestrian zones and access, several expansive new habitat areas, and a GSI alternative to the CSO interceptor pipe.

Image: Aaron Parker

# A P-PATCH PARK FOR BELLTOWN



To Water Treatment Plant

Sewage Confluence Backup Point

Seattle Center

Cascade P-Patch

Denny Park

Olympic Sculpture Park

Belltown P-Patch

Bell St. Park

Regrade Park

CSO 069

Pier 66







Pike's Place Market

Quarter-mile-||-5-minute-walk

Half-mile-||-10-minute-walk

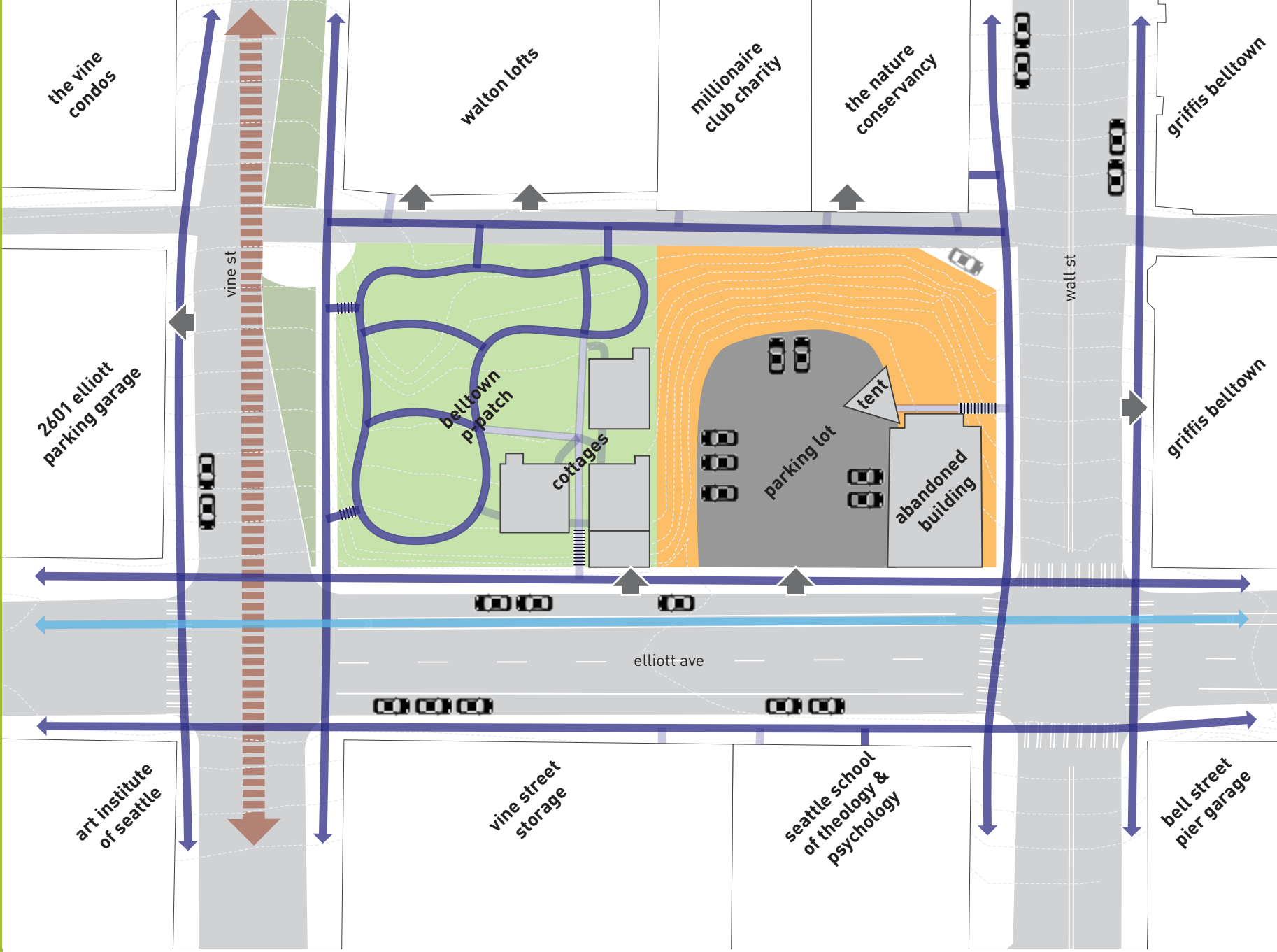
# Location: Elliot Avenue between Vine Street and Wall Street

Image by Jessica Vetrano and Julia Brasch

- LEGEND**
-  Parking
  -  Destination
  -  Park
  -  Planned Park/Destination
  -  SPU Combined Main
  -  SPU Sanitary Main





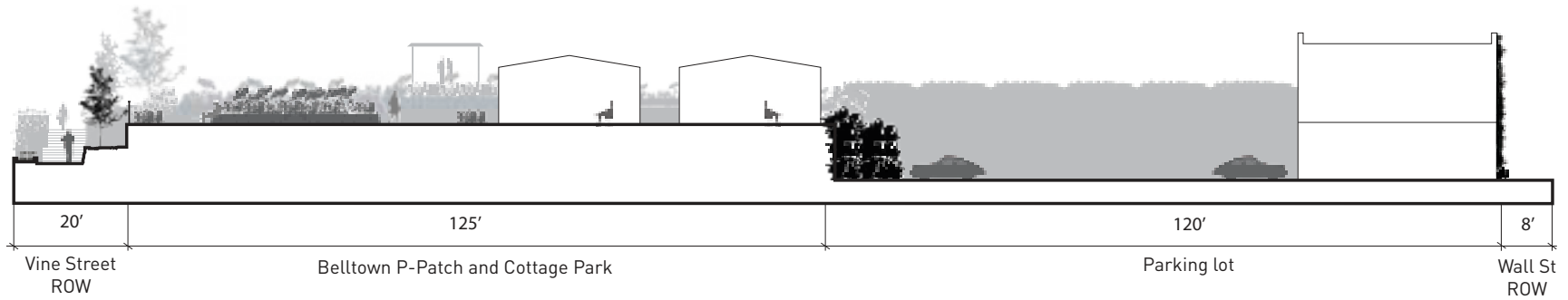
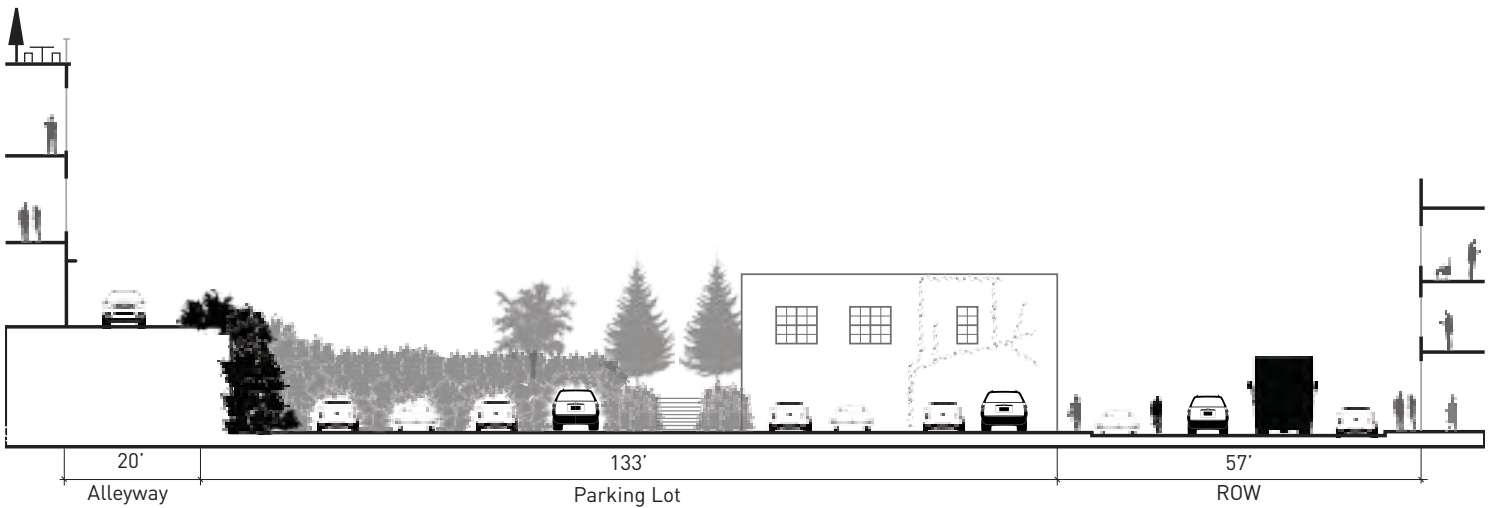


LEGEND



- bike ped
  - private
  - public
- veg
  - unimproved
  - p-patch
  - existing green stemwater infrastructure

- spu auto
  - private
  - public
  - combined main sewer pipe



# USERS

COMMUNITY  
STUDENTS  
LOCAL EMPLOYEES

# ISSUES & OPPORTUNITIES

LACK OF PUBLIC SEATING, GATHERING SPACE

# INTERVENTIONS



Terraced Seating



Community Pavillion



Splash Pad

PEOPLE EXPERIENCING HOMELESSNESS

TOURISTS

LACK OF FACILITIES



Revitalized Historic Building



Cafe Providing Transitional Jobs



Public Interpretive Art

GARDENERS

POLLINATORS + BIRDS

SHORTAGE OF PLOTS

LACK OF HABITAT



Terraced Garden Plots



Roof Top Garden



Pollinator Plants

WATER

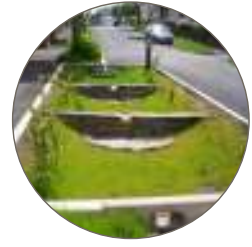
POLLUTED RUNOFF



Terraced Rain Gardens



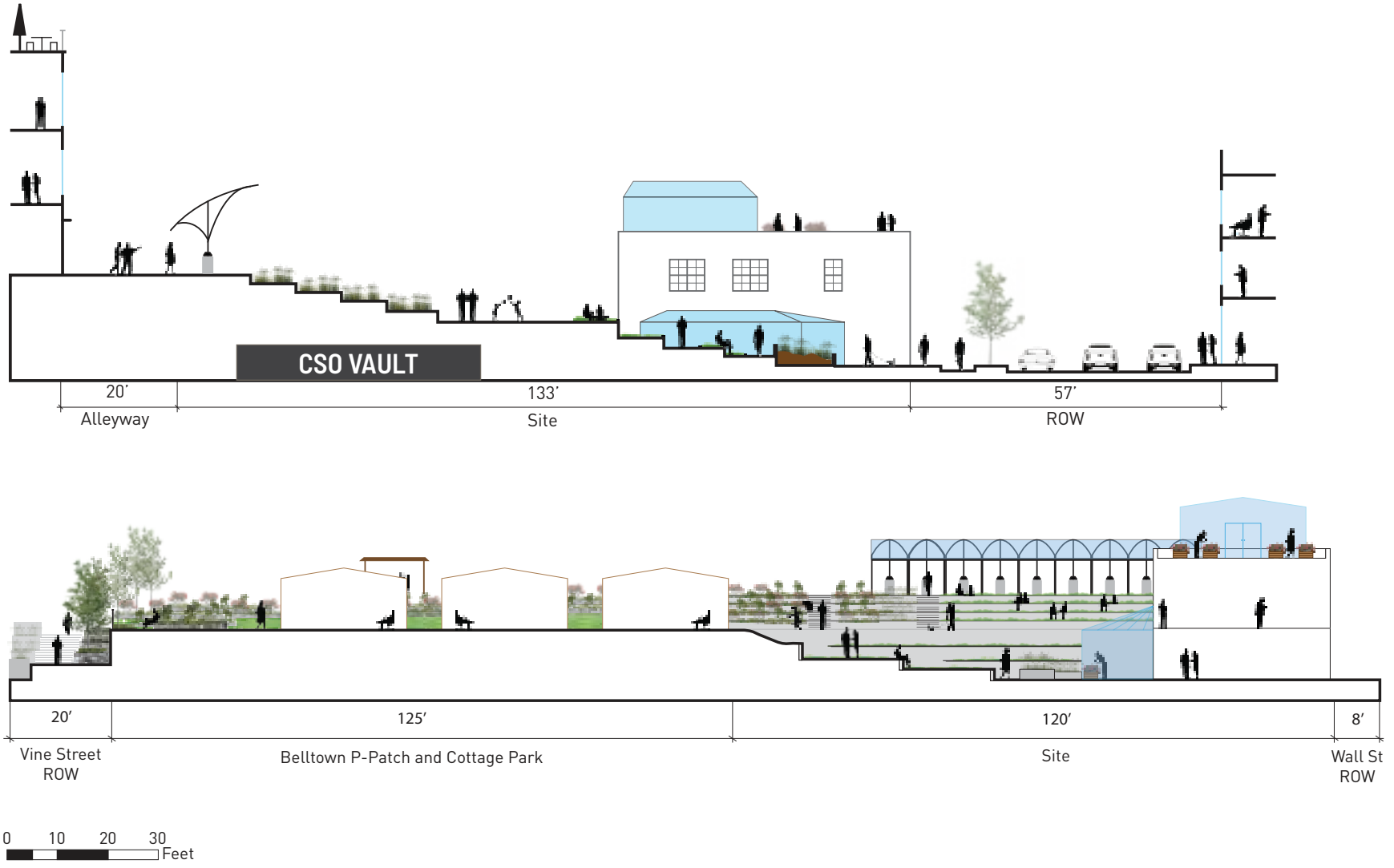
Constructed Wetlands

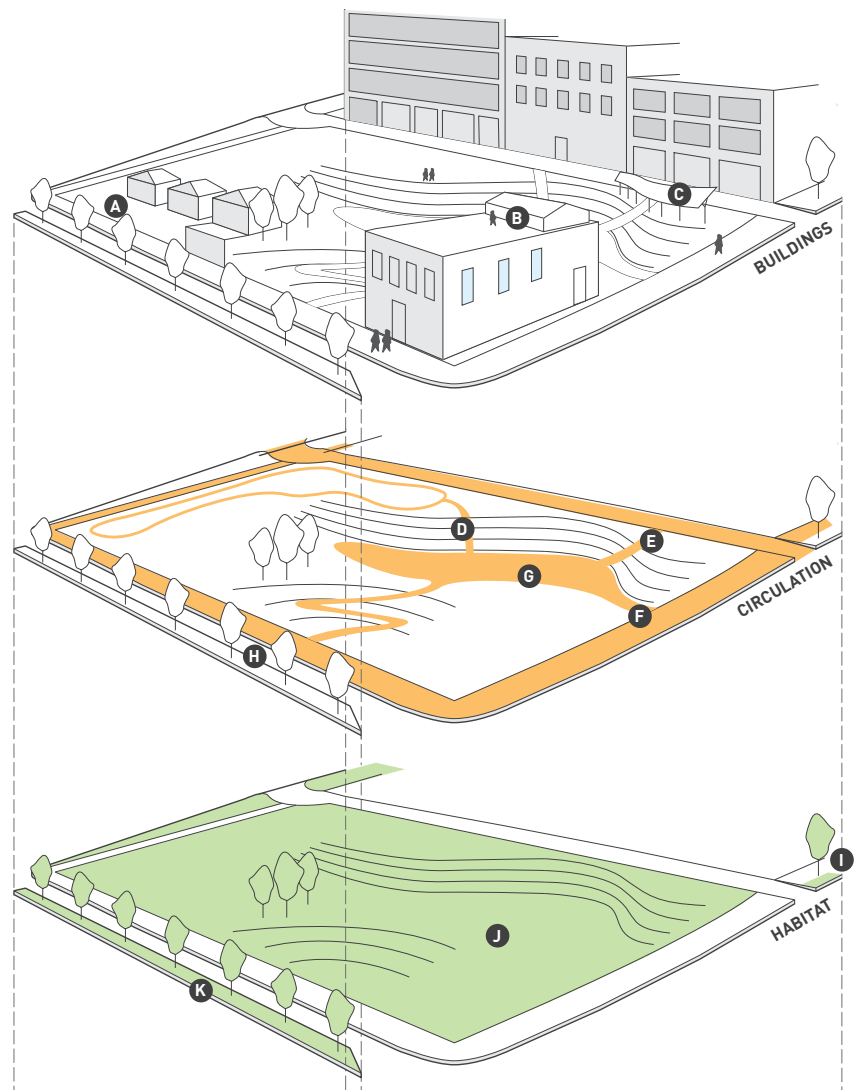
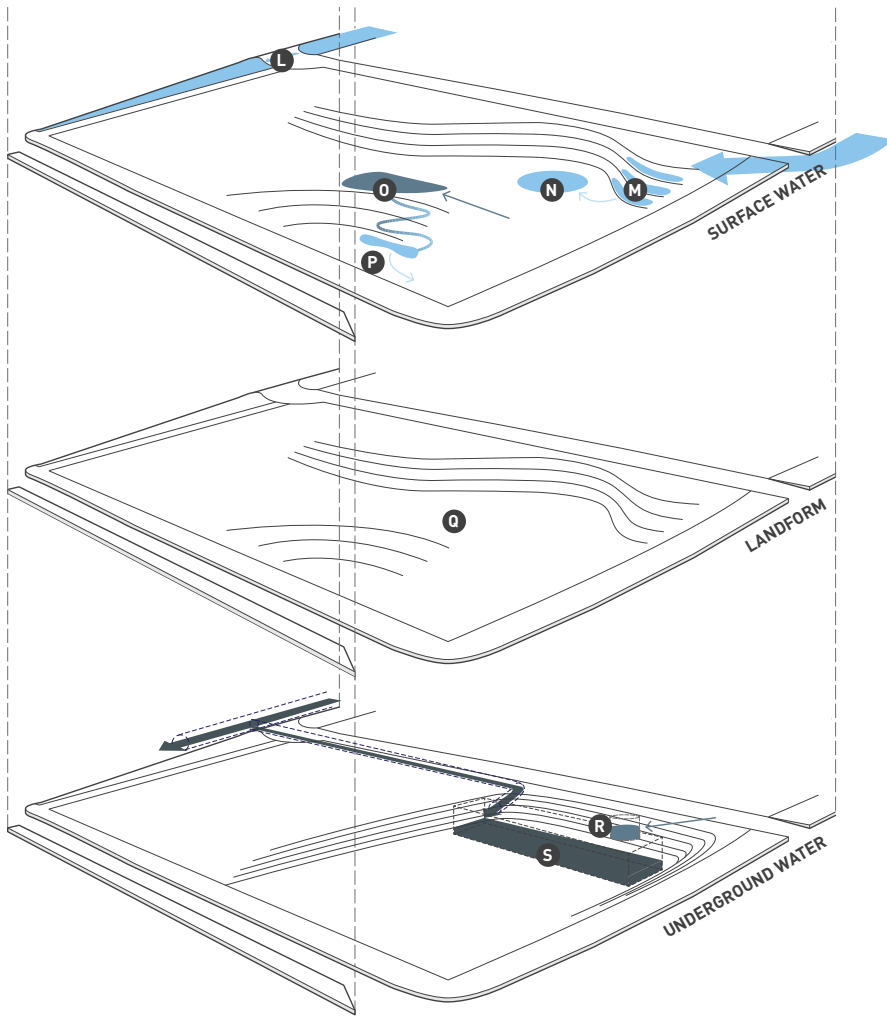


Bioretention Planters



- A. Existing Belltown P-Patch
- B. Expanded P-Patch Plots
- C. Rain Garden
- D. Bioretention Street Planter
- E. Terraced Seating Area
- F. Grassy Slope
- G. Community Pavilion
- H. Splash Pad
- I. Relocated Cottage
- J. Constructed Wetland
- K. ADA Accessible Path
- L. Interpretive Fountain & Constructed Wetland
- M. Building Expansion
- N. Roof Greenhouse & Garden Plots
- O. Plaza
- P. Vegetated Bike Lane Buffer





- A. Relocated cottage
- B. Expanded building footprint & new roof greenhouse & garden plots
- C. Community Pavilion
- D. Connection to existing p-patch
- E. Connection to alley
- F. Connection to wall street
- G. Gathering area
- H. Protected bike lane
- I. Bioretention street planter with new vegetation
- J. New green space
- K. Vegetated bike lane buffer
- L. Connection between existing vine street bioretention planters
- M. Terraced rain gardens connected to wall street bioretention planter & adjacent building's roof runoff
- N. Splash pad utilizing uv cleaned rainwater from terraced rain gardens
- O. Constructed wetland connected to building graywater
- P. Interpretive fountain into constructed wetland feeding clean water back into building
- Q. Gently sloping terraced topography
- R. Water cistern for surface water storage and p-patch irrigation with **6,000 gallon** capacity
- S. CSO vault with **143,626 gallon** capacity





Image by Julia Brasch





# **A Strategy for Battery Street + Tunnel**

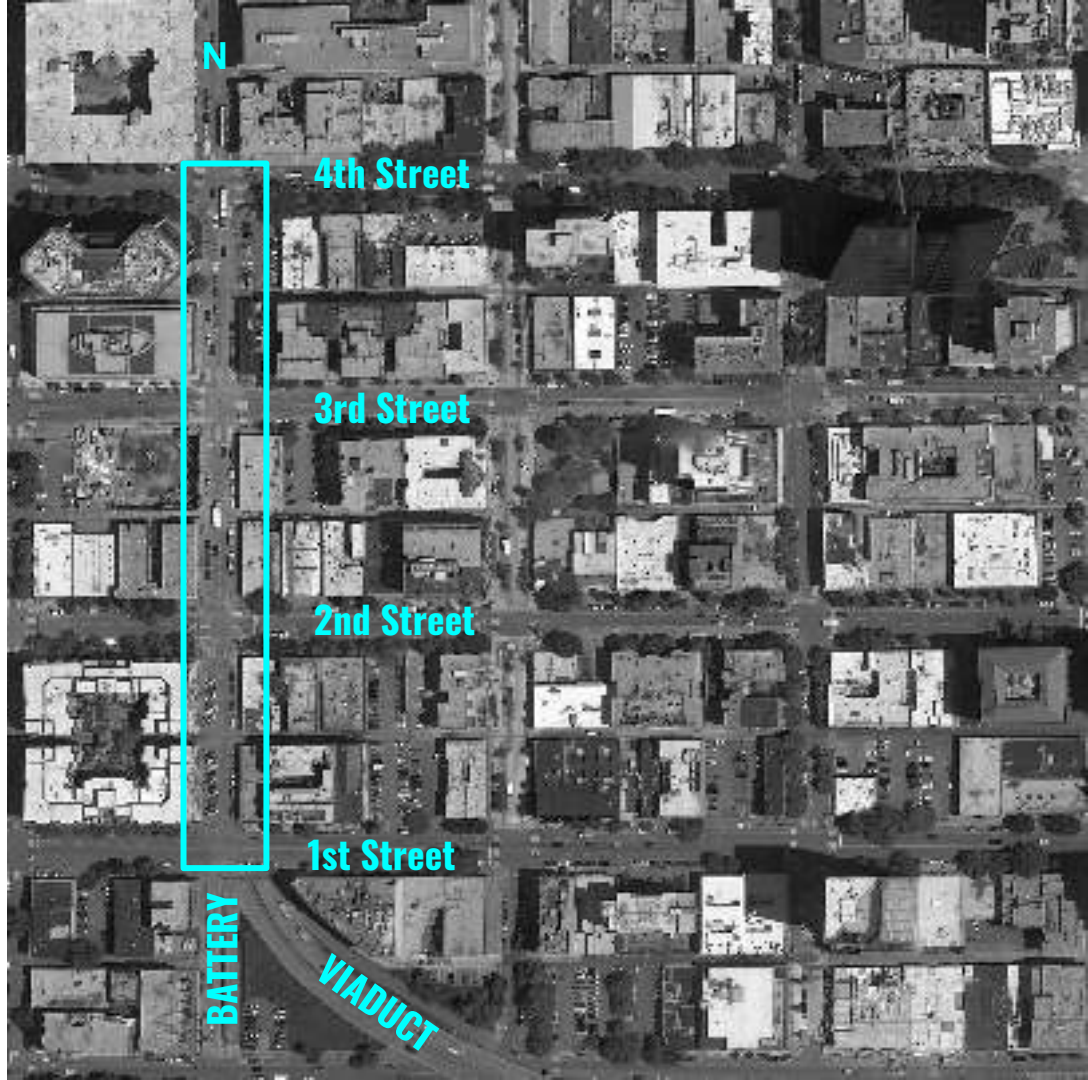
**A project by Dorothy Mulkern, Rachel Wells, and Sophie Krause**

# Battery Context

- + 120,000 square feet
- + \$133 million
- + 12,840,000 gallon capacity

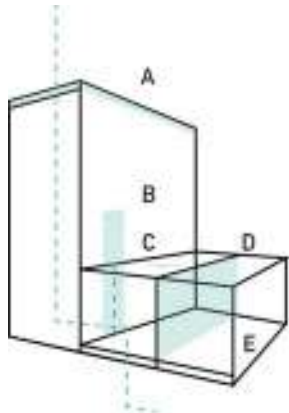
*“Ideally situated between the city’s leading destinations, Battery holds promise to welcome millions of visitors to stop, linger, and recharge.”*

*Growing Vine Street + Project Belltown*



# Strategy: A Vertical Typology

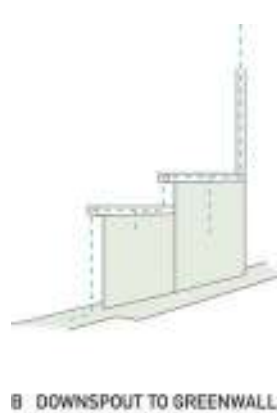
- + Harness verticality
- + Capture and clean water at multiple stages
- + Increase visibility and performance of GSI



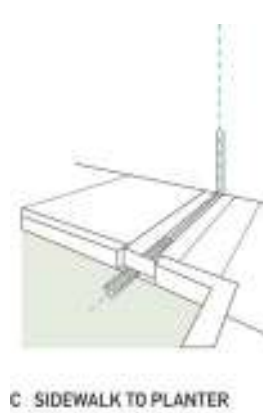
A GREEN ROOF TO DOWNSPOUT



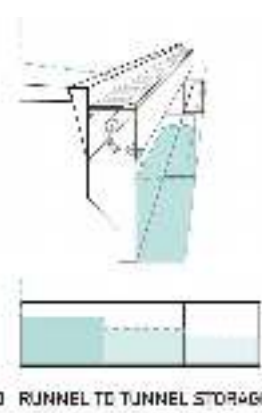
B DOWNSPOUT TO GREENWALL



C SIDEWALK TO PLANTER



D RUNNEL TO TUNNEL STORAGE



# Above Ground Plaza Concept

- + Repurpose viaduct rubble as gabion architecture
- + Close off street to traffic to enhance pedestrian use
- + Glass art beacon starts water runnel which extends through site
- + "Runnel to Tunnel" water transfer to tunnel



# Above Ground Plaza Concept

- + Harness solar energy from adjacent roofs
- + Allow spaces for pop-up cafes
- + Keep the site open and publicly programmable
- + Preserve precious open space in Seattle's downtown





Image Credit: Rachel Webb

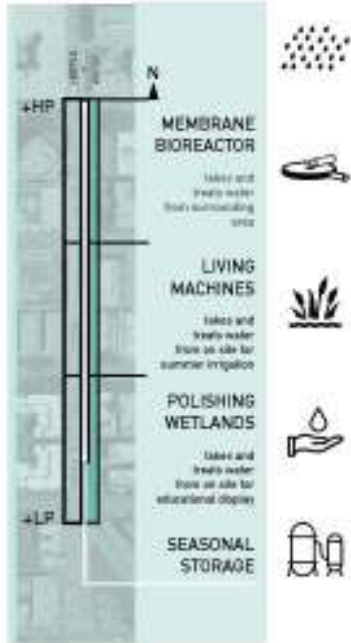


Image Credit: Donoff Ho Sun



Image Credit: Rachel Webb

# Below Ground Concept



Public Gallery

Reservable Event Space

Parking

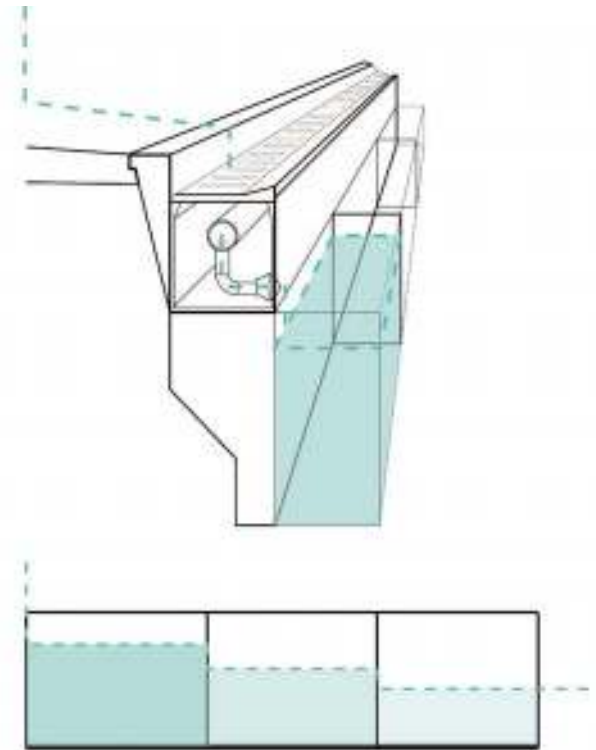


# Metrics and Savings

Just utilizing  $\frac{1}{2}$  of the tunnel's capacity

= 6,000,000 gallon potential for storage and treatment

- + Helps meet 2030 District Goals
- + Reduces runoff to nearby 069 Outfall
- + Encourages long-term planning
- + Preserves precious open downtown space



# Thank you!

*Seafair Queen Iris Adams and Mayor Allan*

*Pomeroy had something to laugh about*

*Saturday as they bent every effort to cut*

*the ribbon to open the Alaskan Way Viaduct.*



An aerial photograph of a city, likely Seattle, showing a dense urban area with various buildings, streets, and trees. In the background, a large body of water (the Puget Sound) is visible, with a distant shoreline and hills. The sky is bright and clear. A semi-transparent white banner is overlaid across the middle of the image, containing text.

# GREENER BELLTOWN : BLUER SOUND

City / Nature for Climate Adaptation

Scan | Design Master Studio 2017