



Seattle Design Commission: 30% Concept Level Review

5425 Shilshole Avenue Northwest

SDCI Building Permit No. 6715316

October 17, 2019

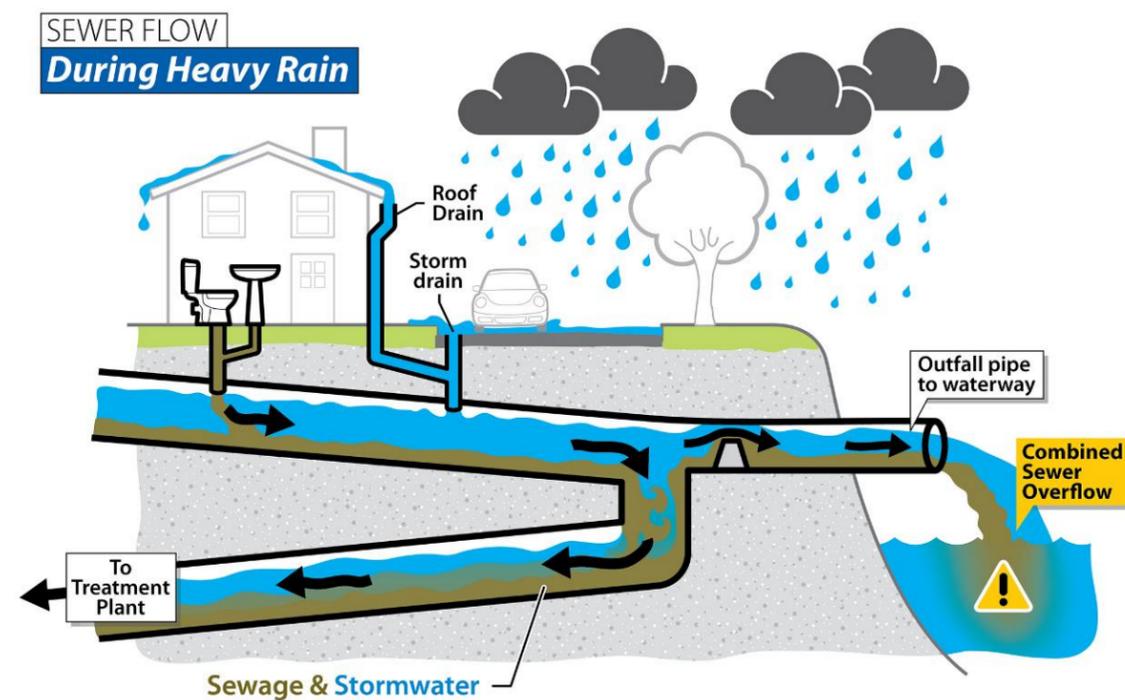
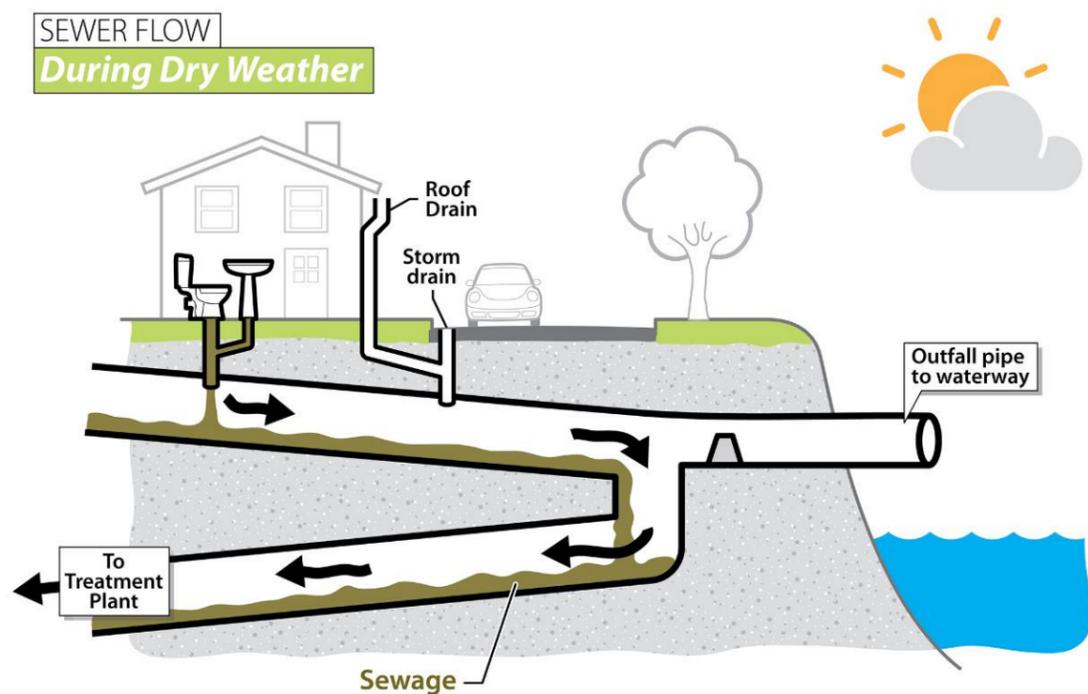


**Seattle
Public
Utilities**



King County

Ship Canal Water Quality Project
BALLARD TUNNEL EFFLUENT PUMP STATION





THE PROBLEM: CSO EVENTS

WARNING:

Rains can cause pipe overflows and temporary pollution in this area.

To find out if you should use the water here today:

ADVERTENCIA:
las lluvias pueden causar desbordamientos en las tuberías y contaminación temporal en esta área.

Investigue las condiciones actuales de la calidad del agua para esta área: (Spanish)

CẢNH BÁO:
mưa có thể gây sự cố tràn ống và ô nhiễm tạm thời trong khu vực này.

Tìm xem thông tin về tình trạng chất lượng nước hiện tại cho khu vực này: (Vietnamese)

경고:
비가 내리면 이 구역에 배관 범람 및 일시적 오염이 발생할 수 있습니다.

이 구역의 현재 수질 상태를 파악하십시오: (Korean)

警告:
下雨可能會使水管溢流並且造成這個地區暫時被污染。

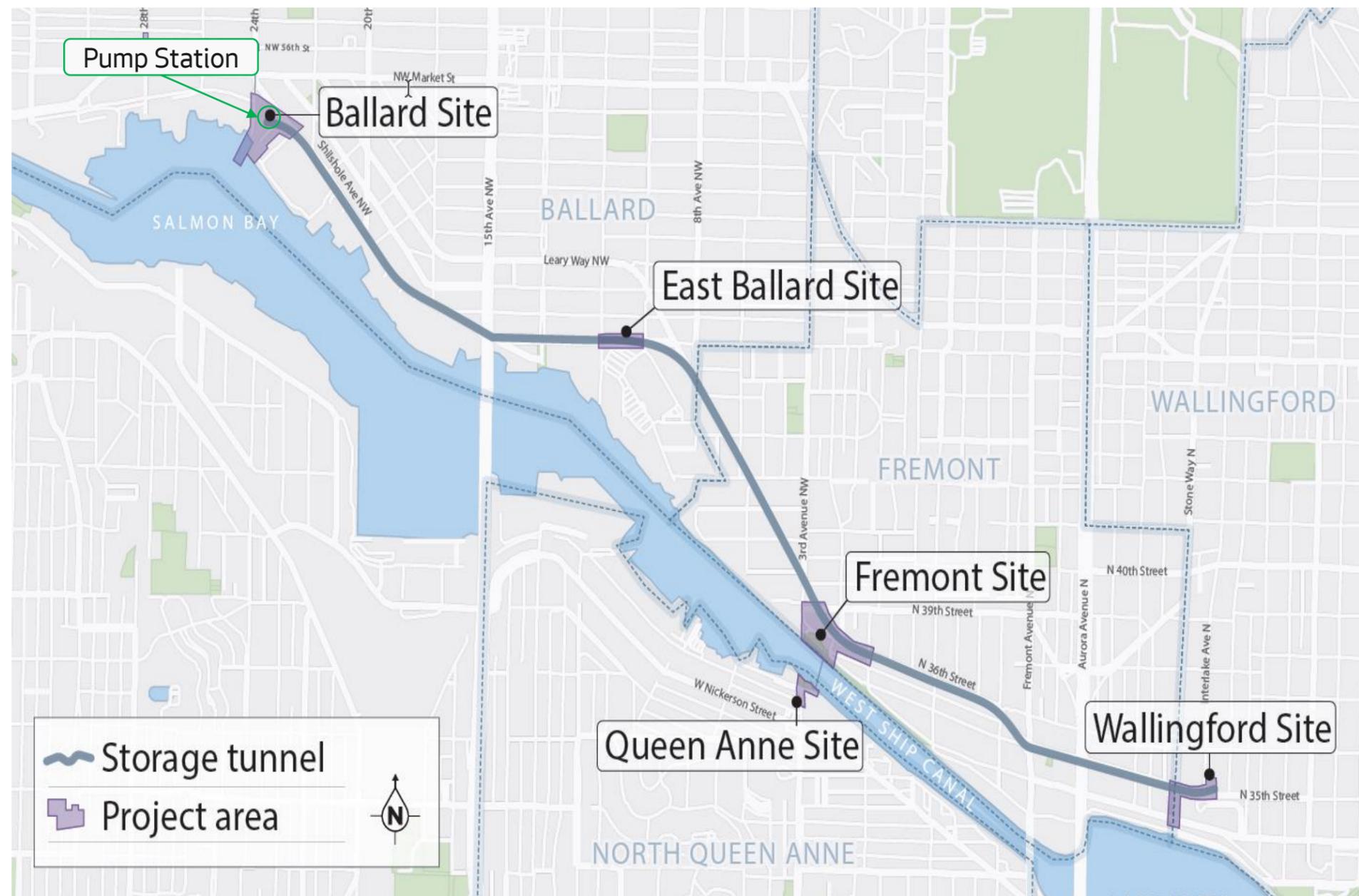
請查看本地區目前的水質情況: (Chinese)

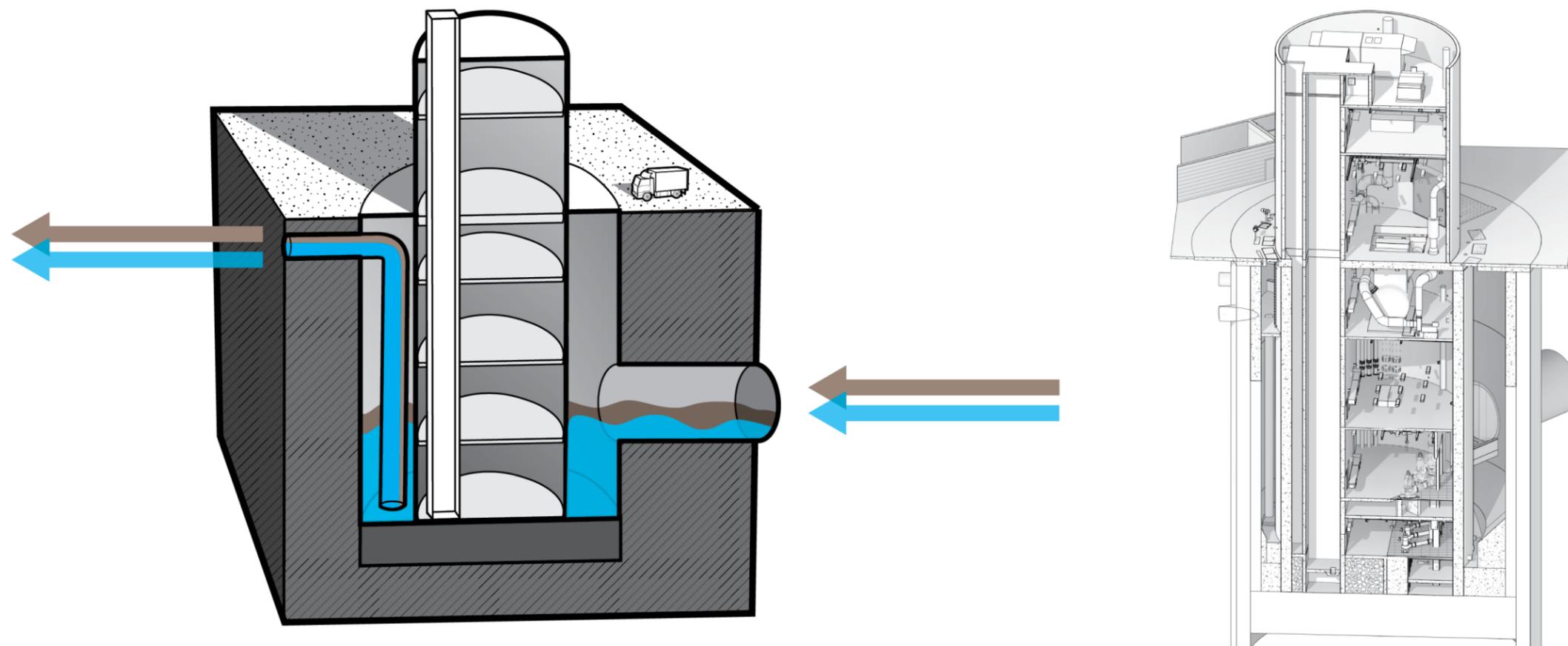
206-386-1800 or TTY: 711
Text KING CSOMAP to 468311
www.kingcounty.gov/CSOStatus

File: 1804_8264L_CSOverflowSign.ai

CSO #:

The SCWQP will keep an average of over **75 million gallons** of combined sewage overflow out of the Ship Canal, Salmon Bay, and Lake Union each year.



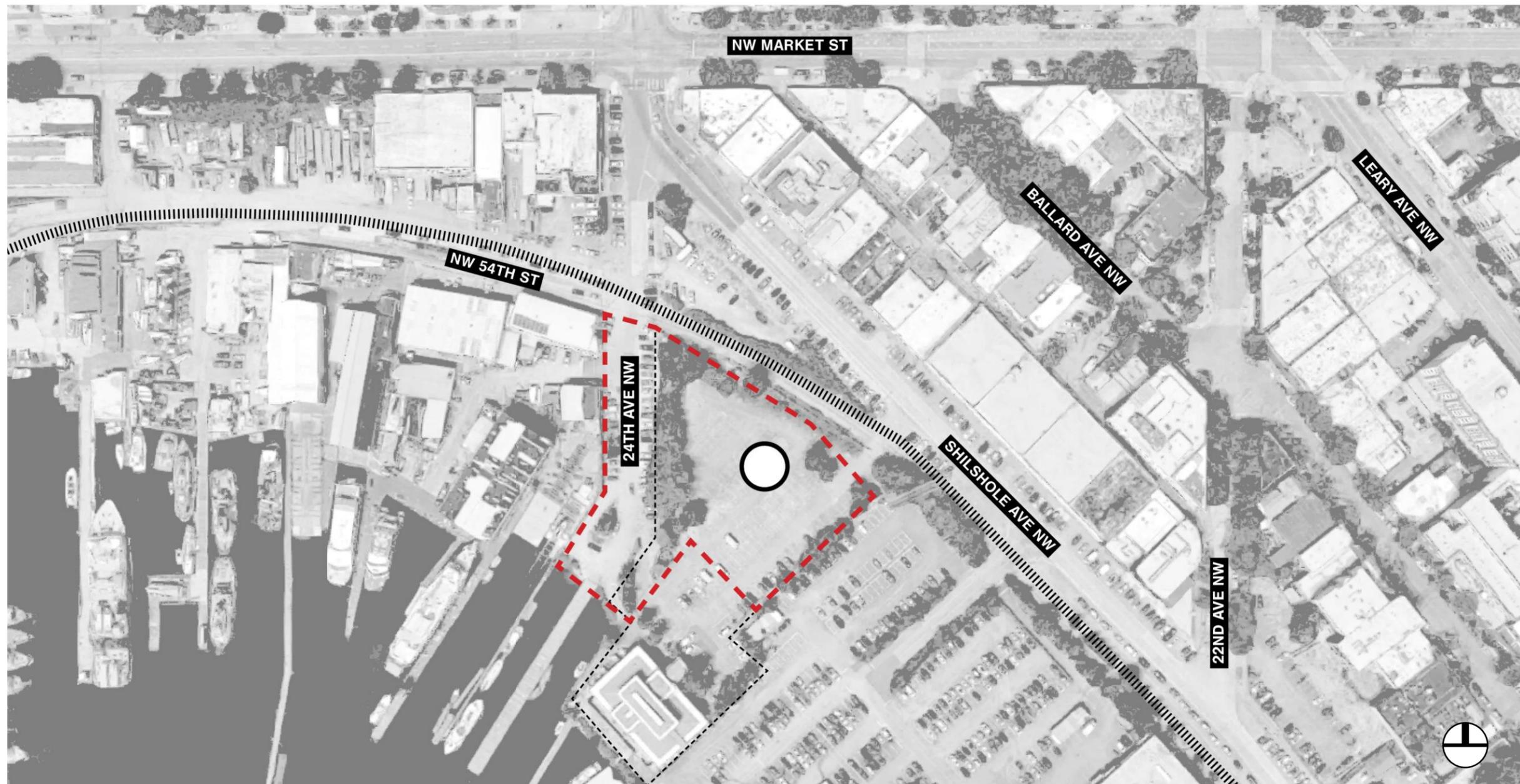


PUMP STATION FACILITY

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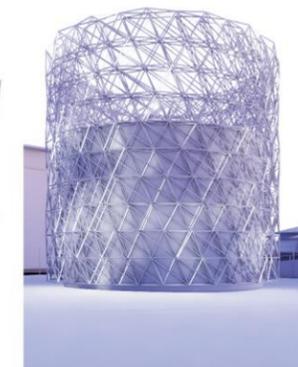
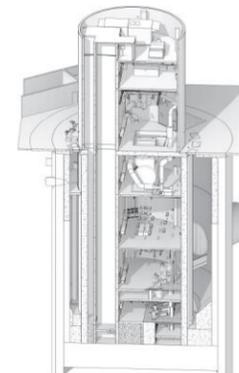
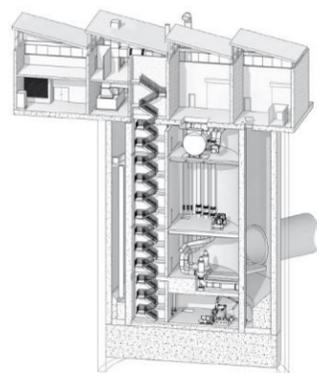
THE BALLARD SITE

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BALLARD PUMP STATION



2015 PROJECT START

2017 30% DESIGN SDC MTG

2019 30% DESIGN SDC MTG

2020 DESIGN CONTINUES

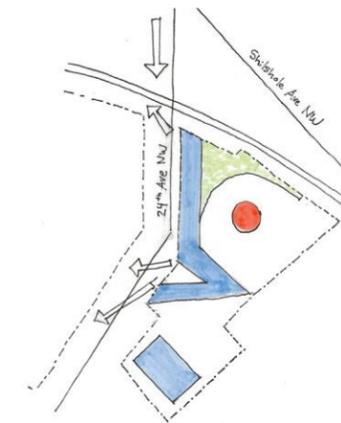
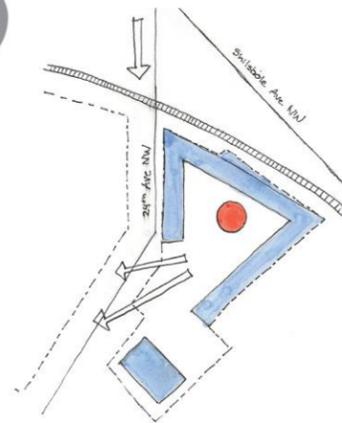
BALLARD SITE

MASTER PLANNING

2018

2019

2020 OVERALL BALLARD SITE PLAN DESIGN



BALLARD PUMP STATION - TIMELINE

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Ship Canal
WATER QUALITY PROJECT

Seattle Public Utilities King County

Welcome About Tunnel Ballard East Ballard Fremont Queen Anne Wallingford Project Library

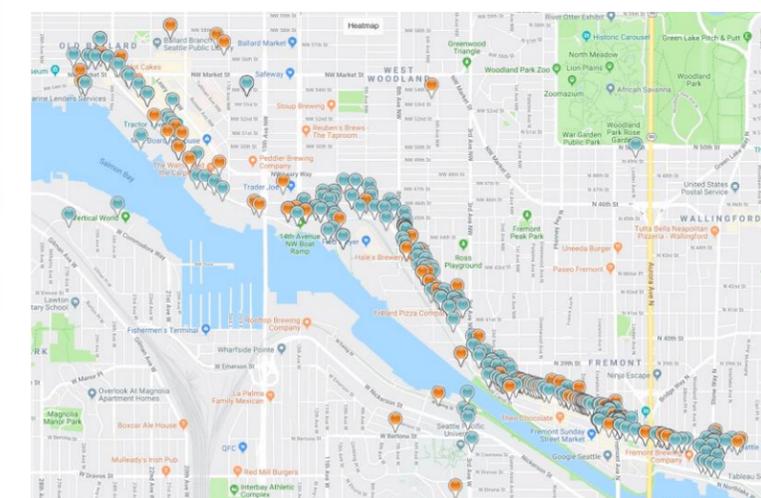
Reducing sewer overflows by 2025 Sign up for project updates +

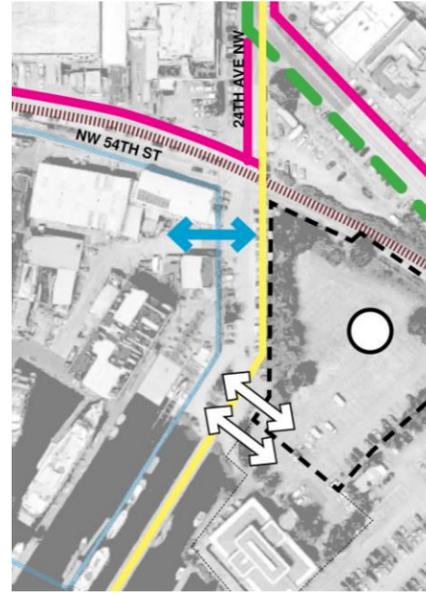
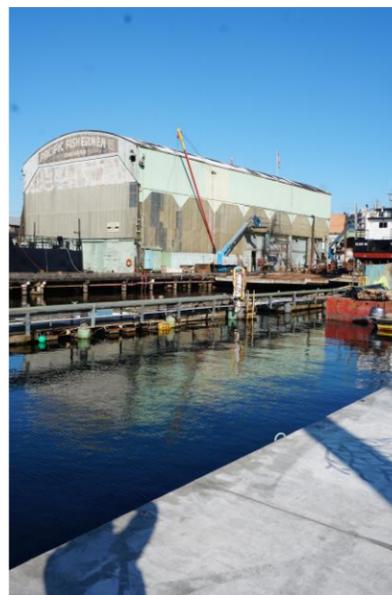
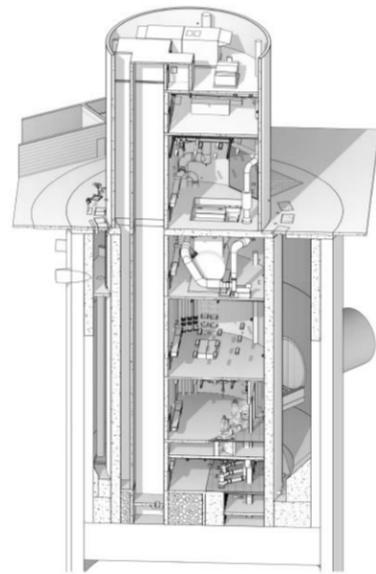
Welcome to the Ship Canal Water Quality Project website! We're happy you're here. To learn about the project and work in your neighborhood, scroll down or click on a project area below.

What's happening now? +

Click on the project areas to learn more

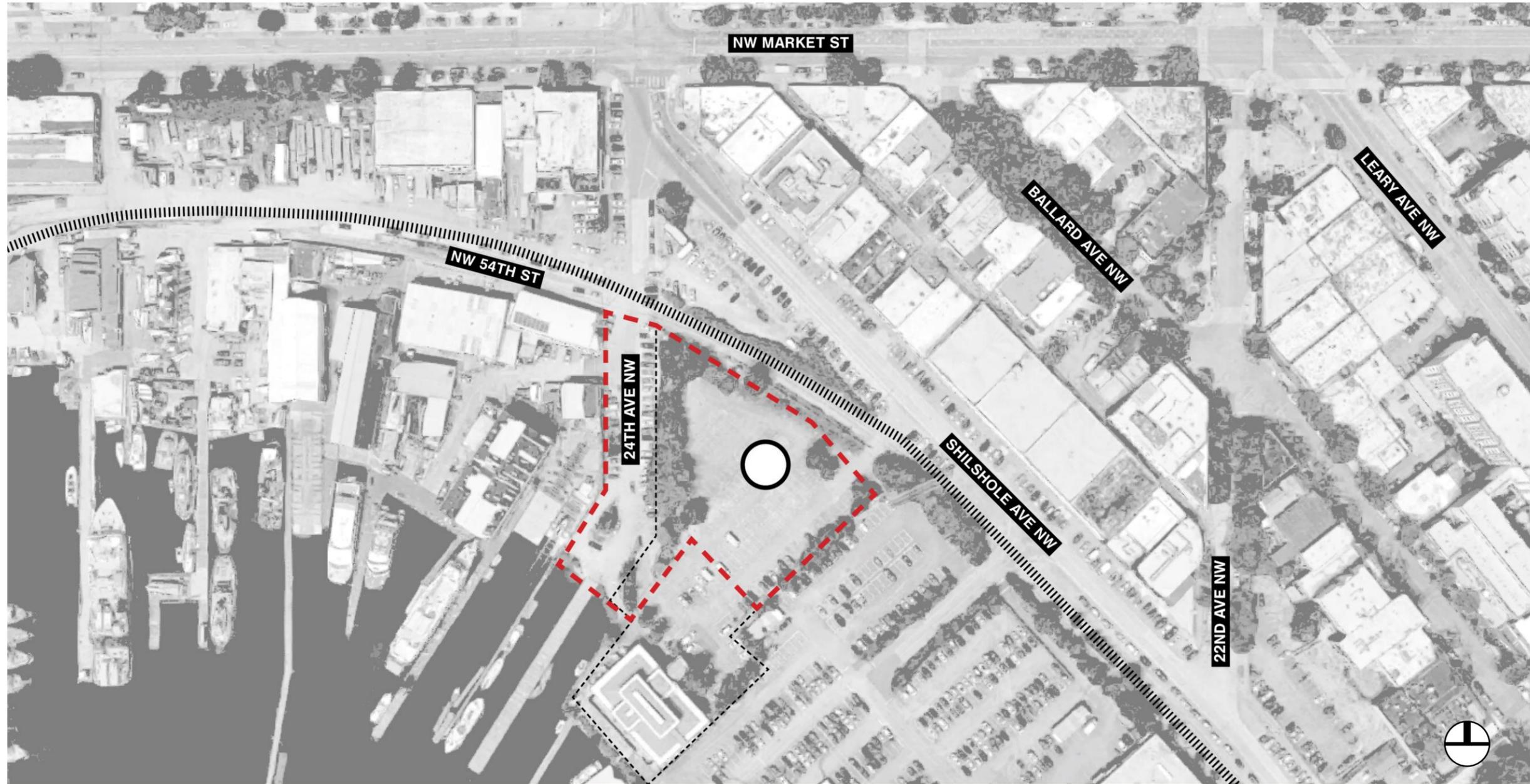
Tunnel Ballard East Ballard





- 1 Design for the **whole site**.
- 2 **Express function** of the Ballard Pump Station locally and role of SPU citywide
- 3 Define and **derive benefits** for the Seattle community and SPU
- 4 Contribute to and **recognize the place** and role of the waterfront in Ballard
- 5 **Connect the neighborhood to the waterfront** allowing the site to become part of Ballard and the city



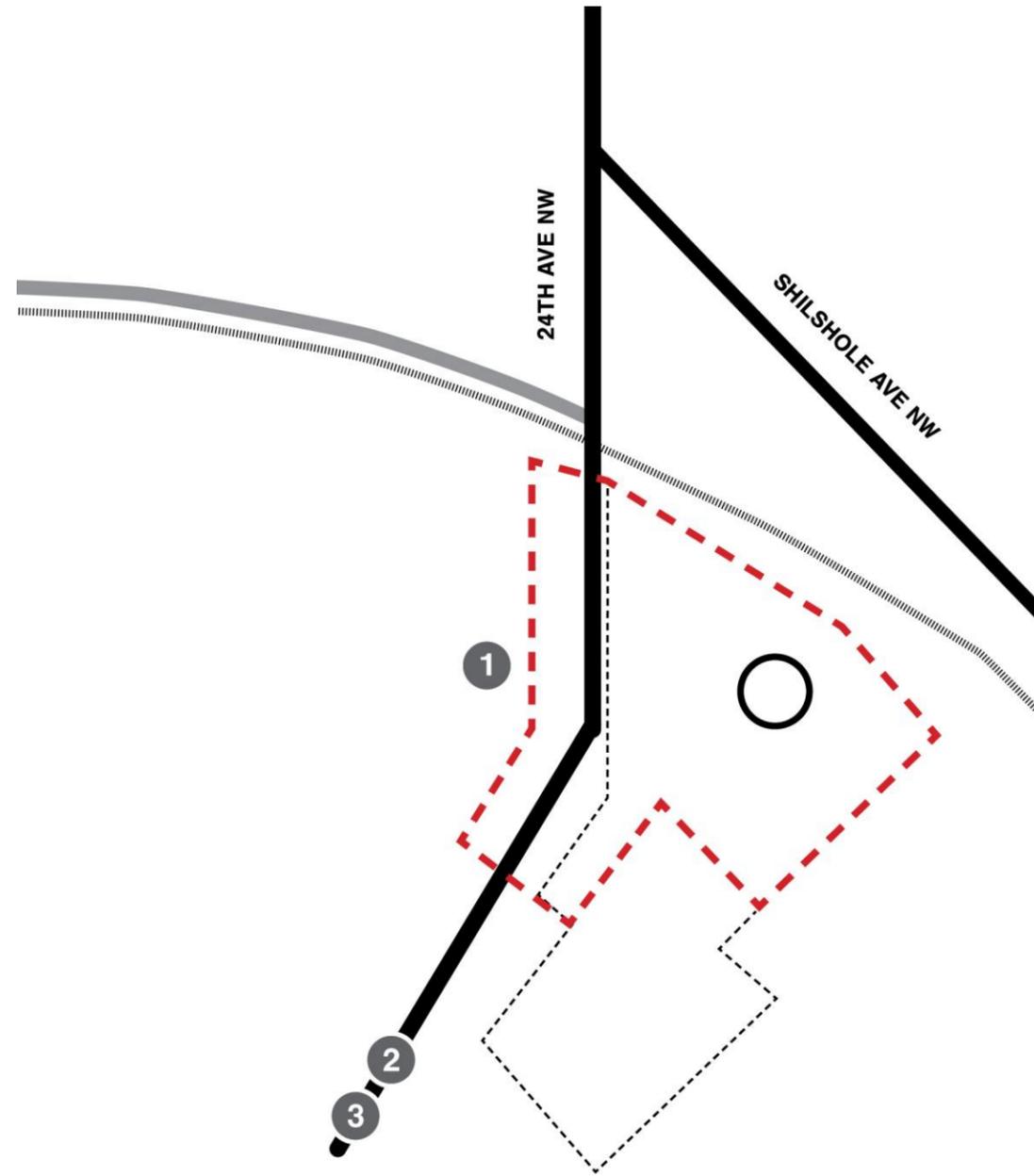


THE BALLARD SITE

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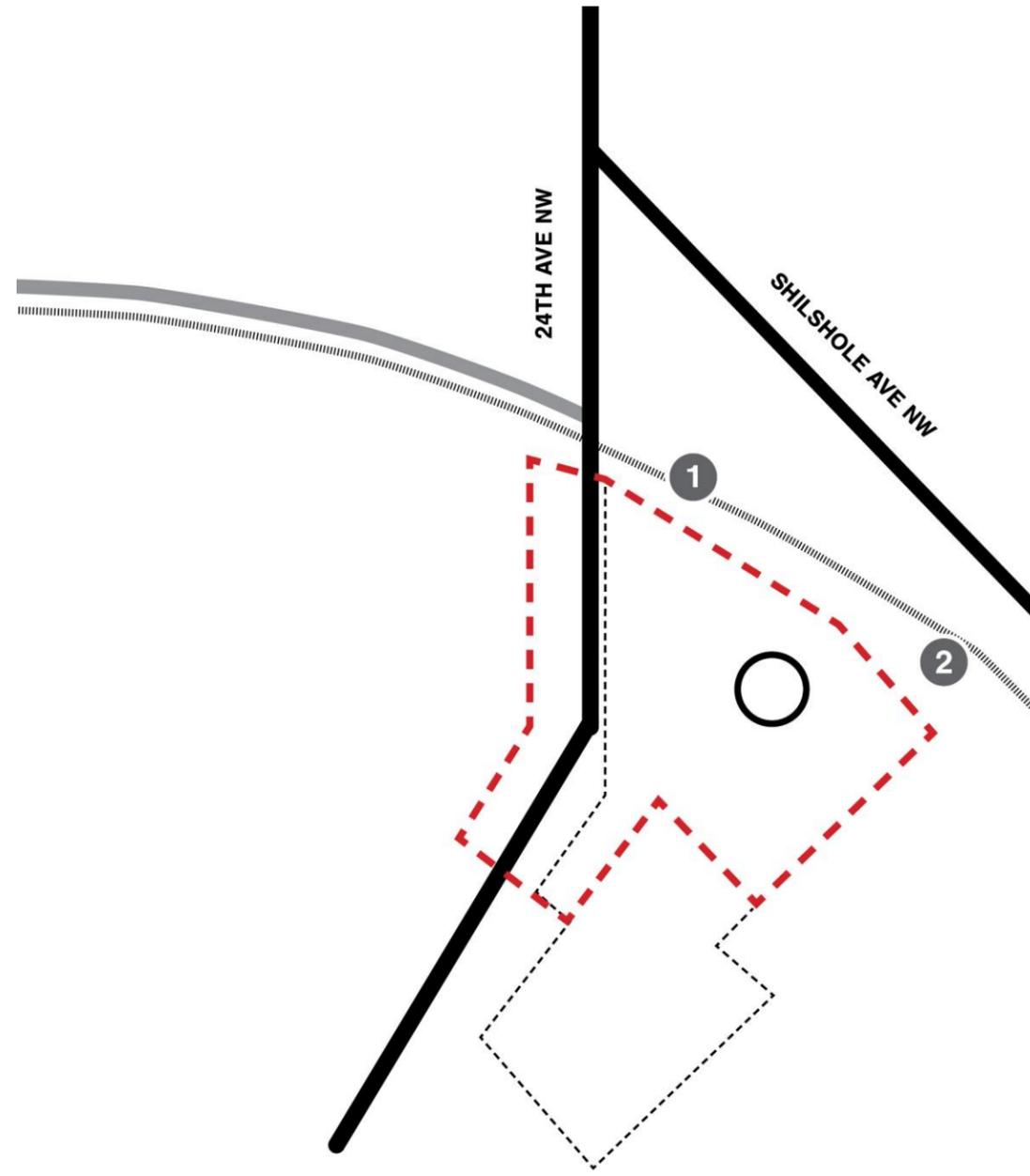


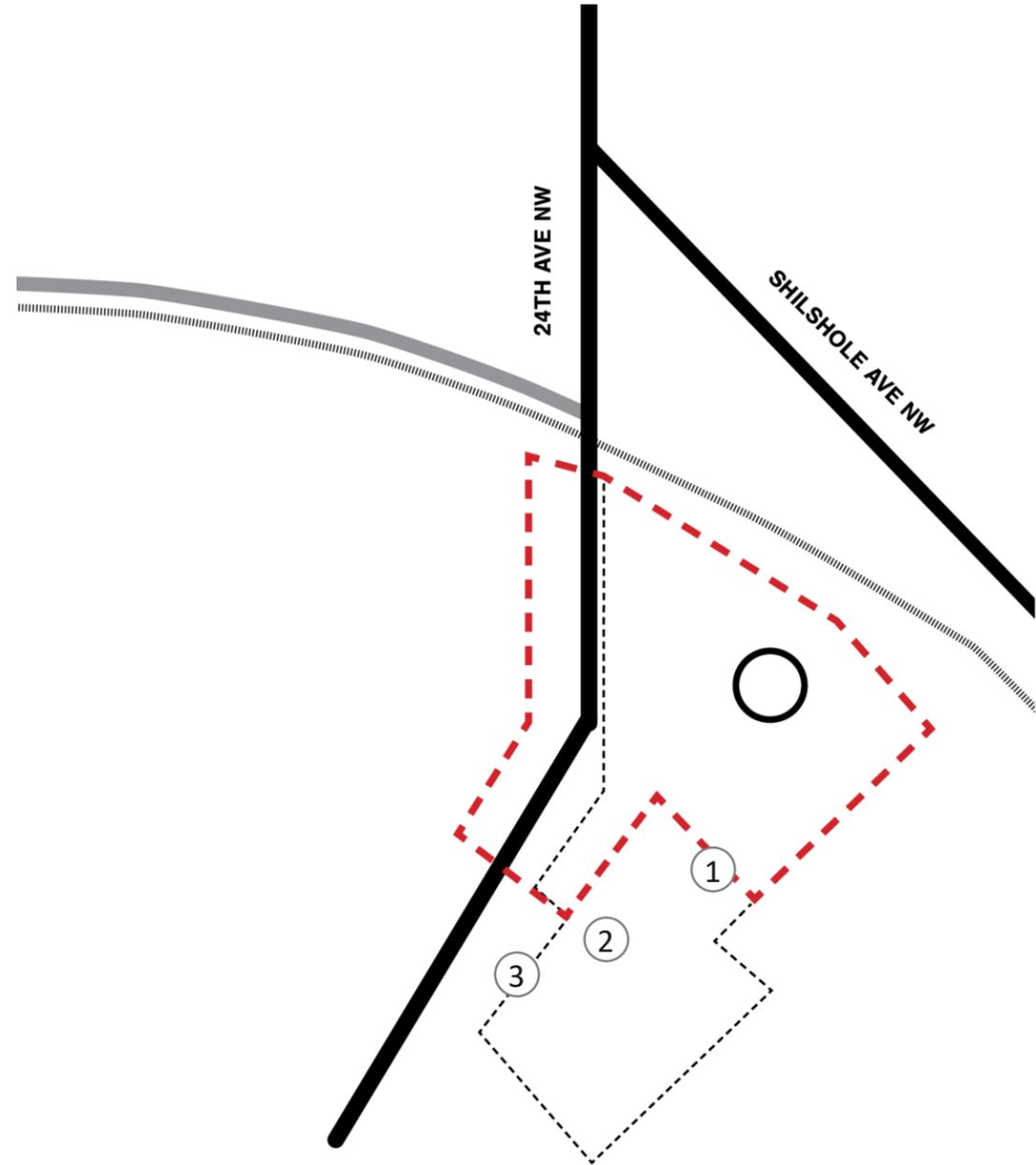
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Seattle Public Utilities



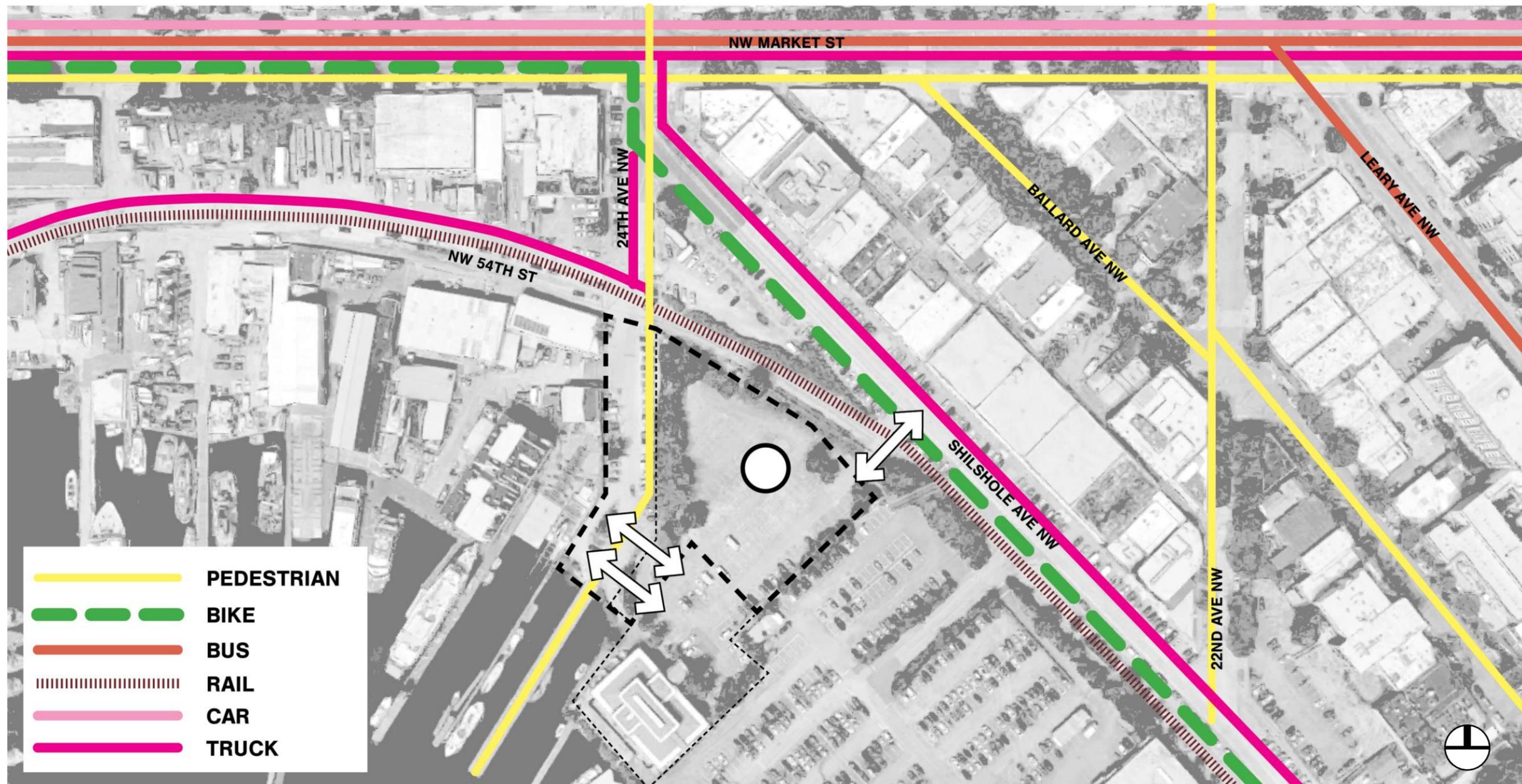
SITE PHOTOS - NEIGHBORHOOD CONTEXT

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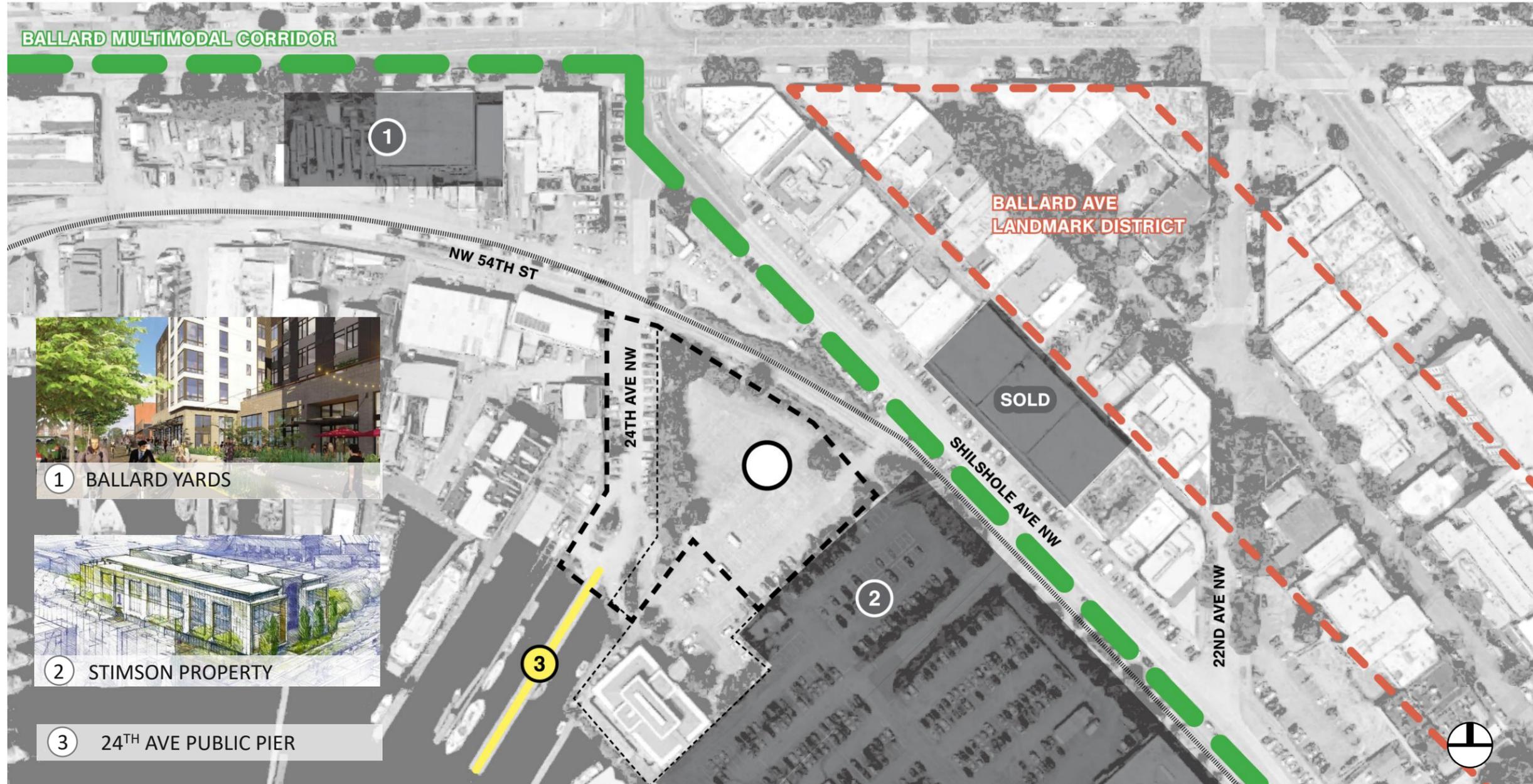


ACCESS

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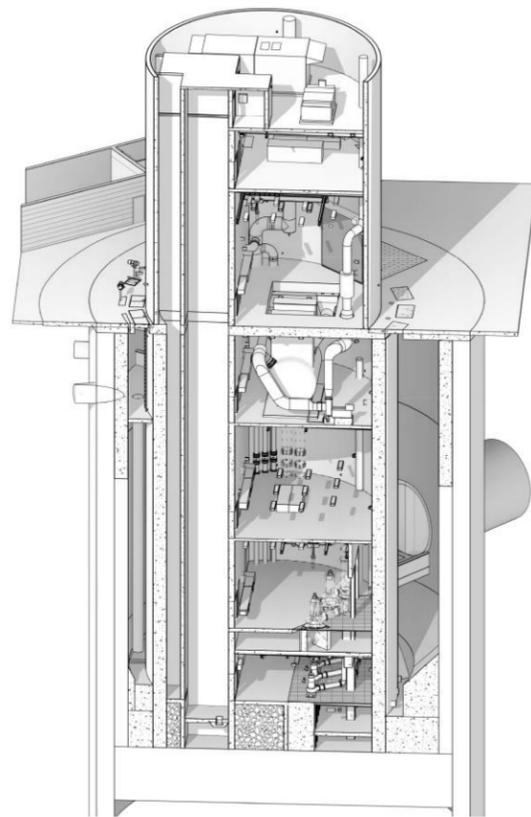
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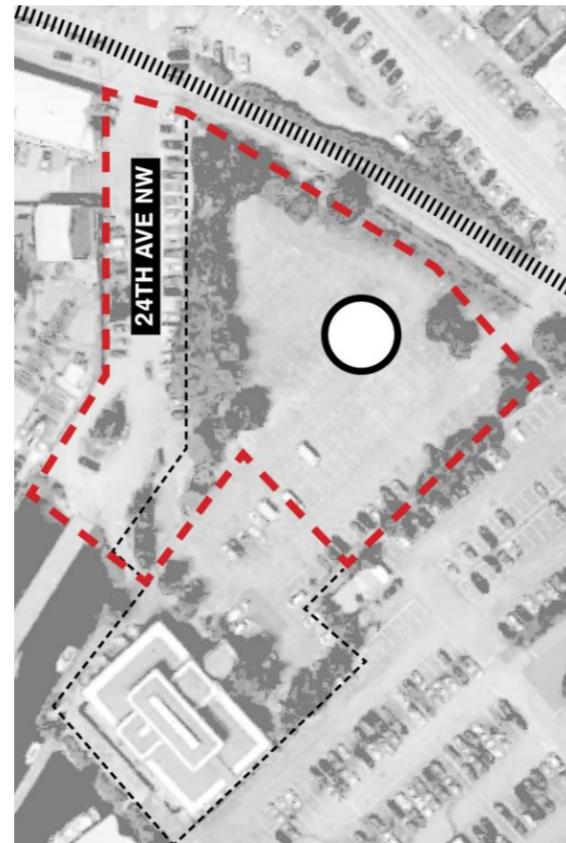
3 24TH AVE PUBLIC PIER

ADJACENT DEVELOPMENT

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+



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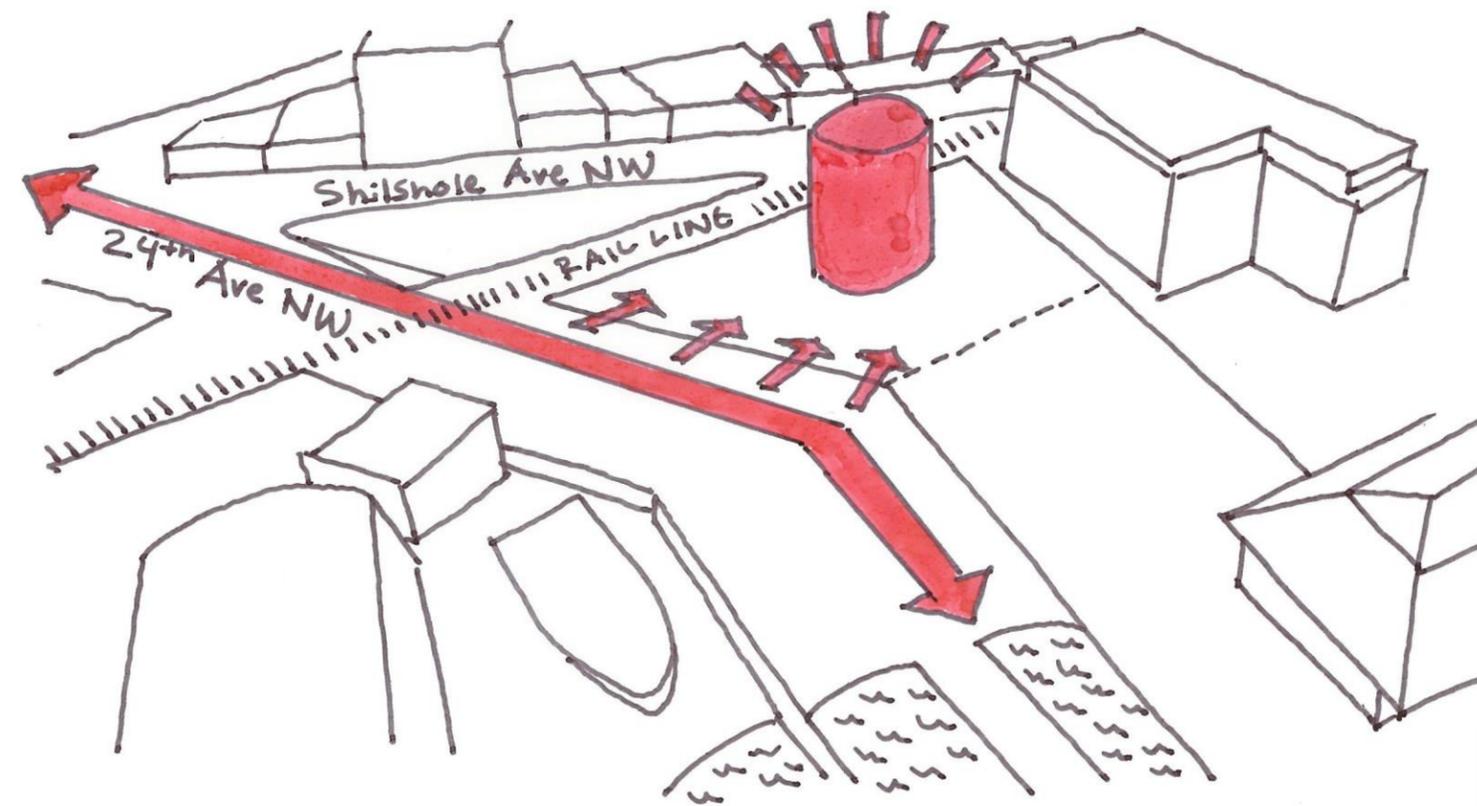
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- 2
- 3
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DESIGN EQUATION

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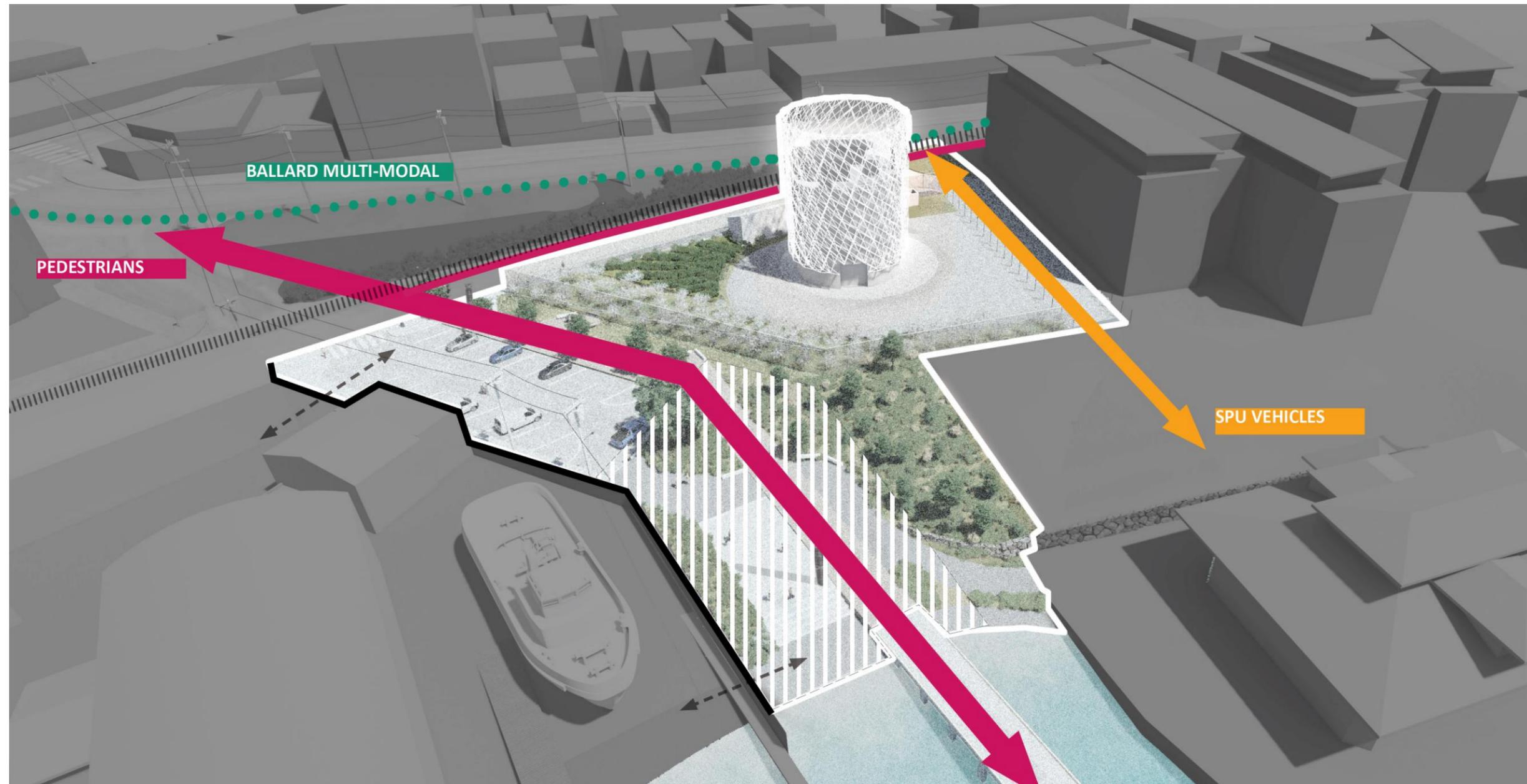


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CONCEPTUAL SITE DIAGRAM

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SITE DIAGRAM

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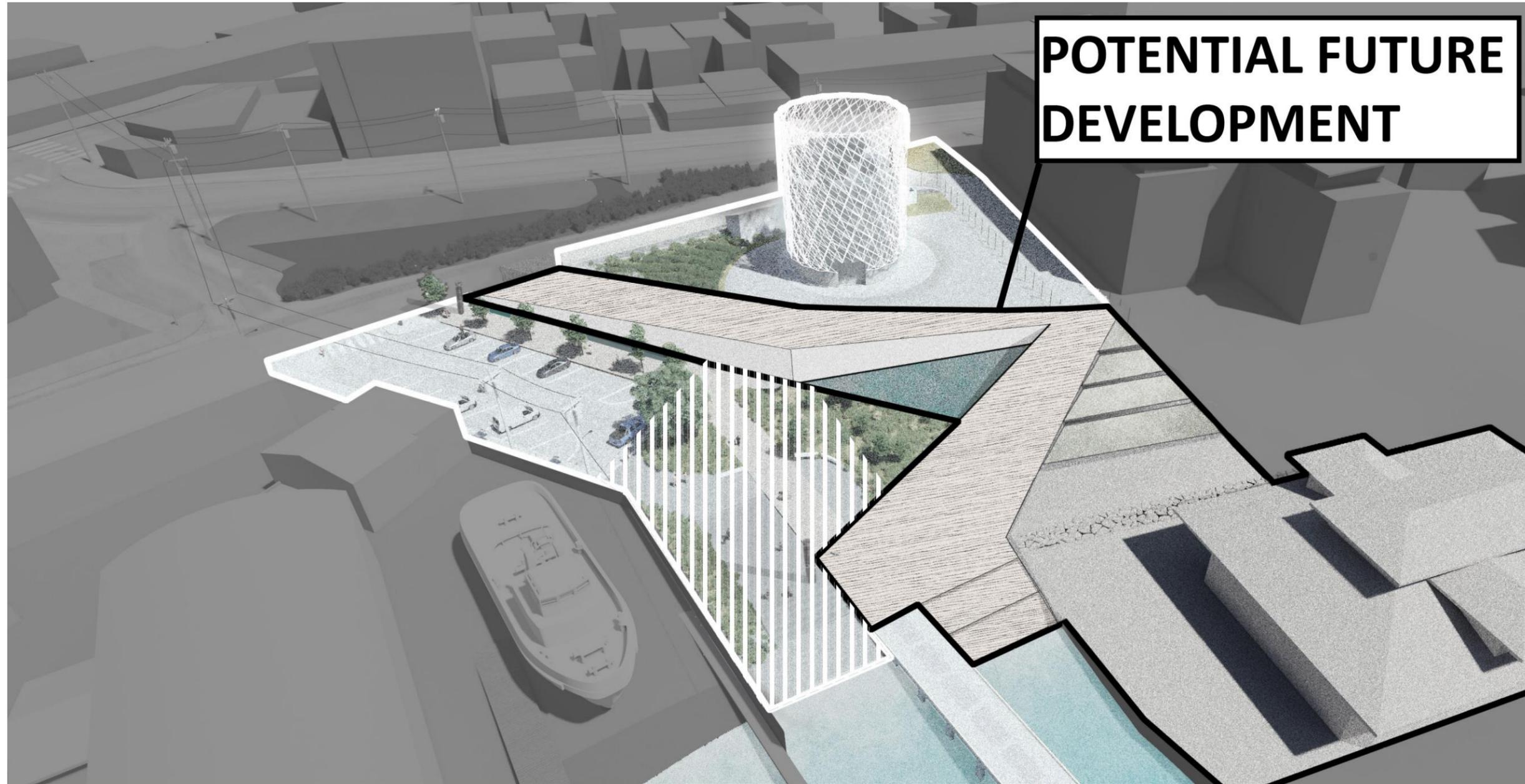
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SHORELINE STREET END
(DESIGN IN PROGRESS FOR PUBLIC INPUT)

EXTENTS OF THE PROJECT

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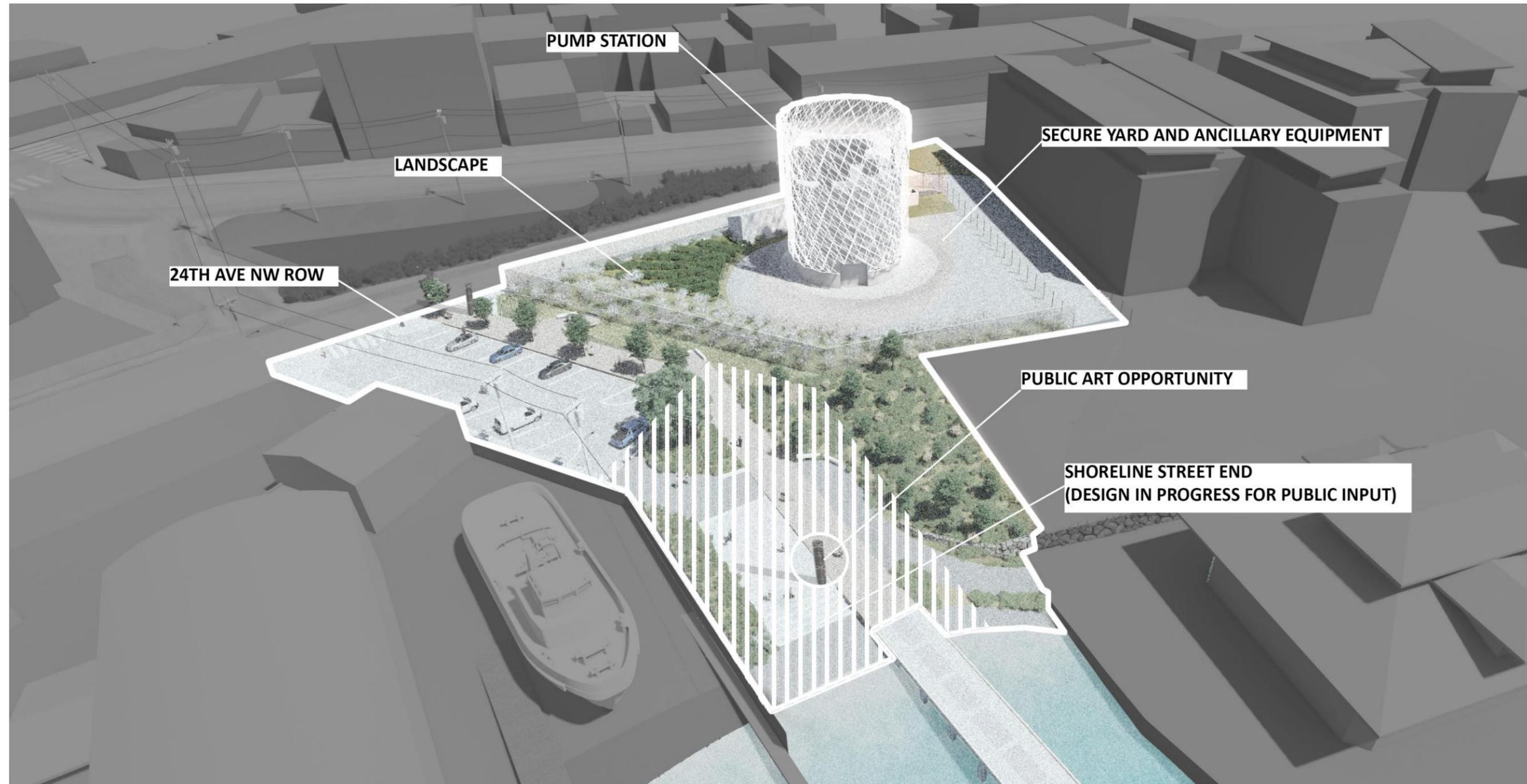
POTENTIAL FUTURE DEVELOPMENT

POTENTIAL FUTURE DEVELOPMENT

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PROJECT PROGRAM & SCOPE

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1905 Home of Hwehlichtid and Chilohleet'sa, south side of Salmon Bay (UW Digital Collections)



ca. 1910 Stimson Mill



Existing Salmon Bay Marine Industries



Urban Tree Farm



Stormwater Treatment



Food Production



Phytoremediation

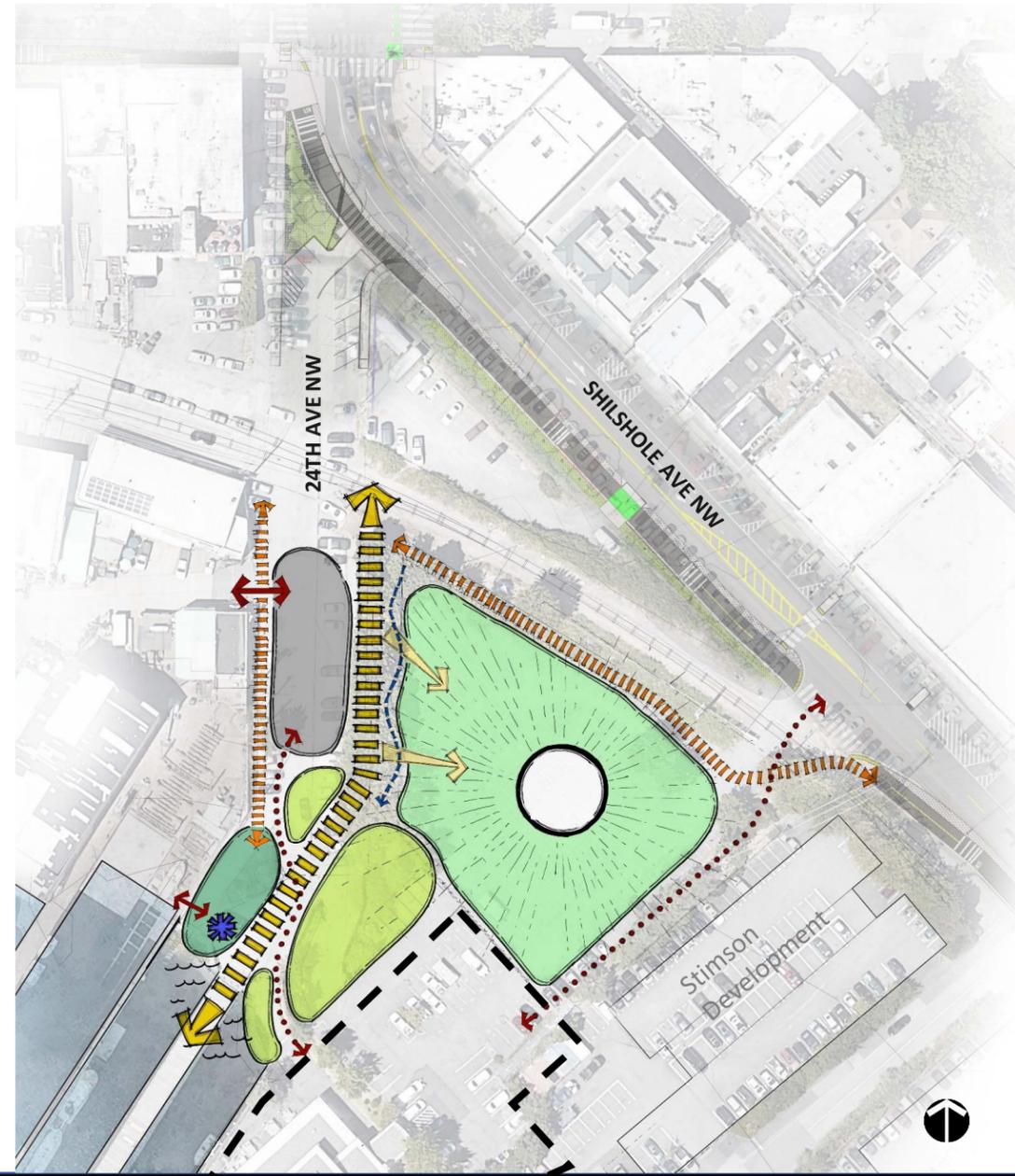
LANDSCAPE CONCEPT - WORKING LANDSCAPE

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-  Ballard Pump Station
-  Pump Station Yard
-  24th ROW Improvements
-  Landscape
-  Shoreline Street End
-  Primary pedestrian route
-  Secondary pedestrian route
-  Access and vehicular routes
-  Ballard Operations Building (former Yankee Diner)



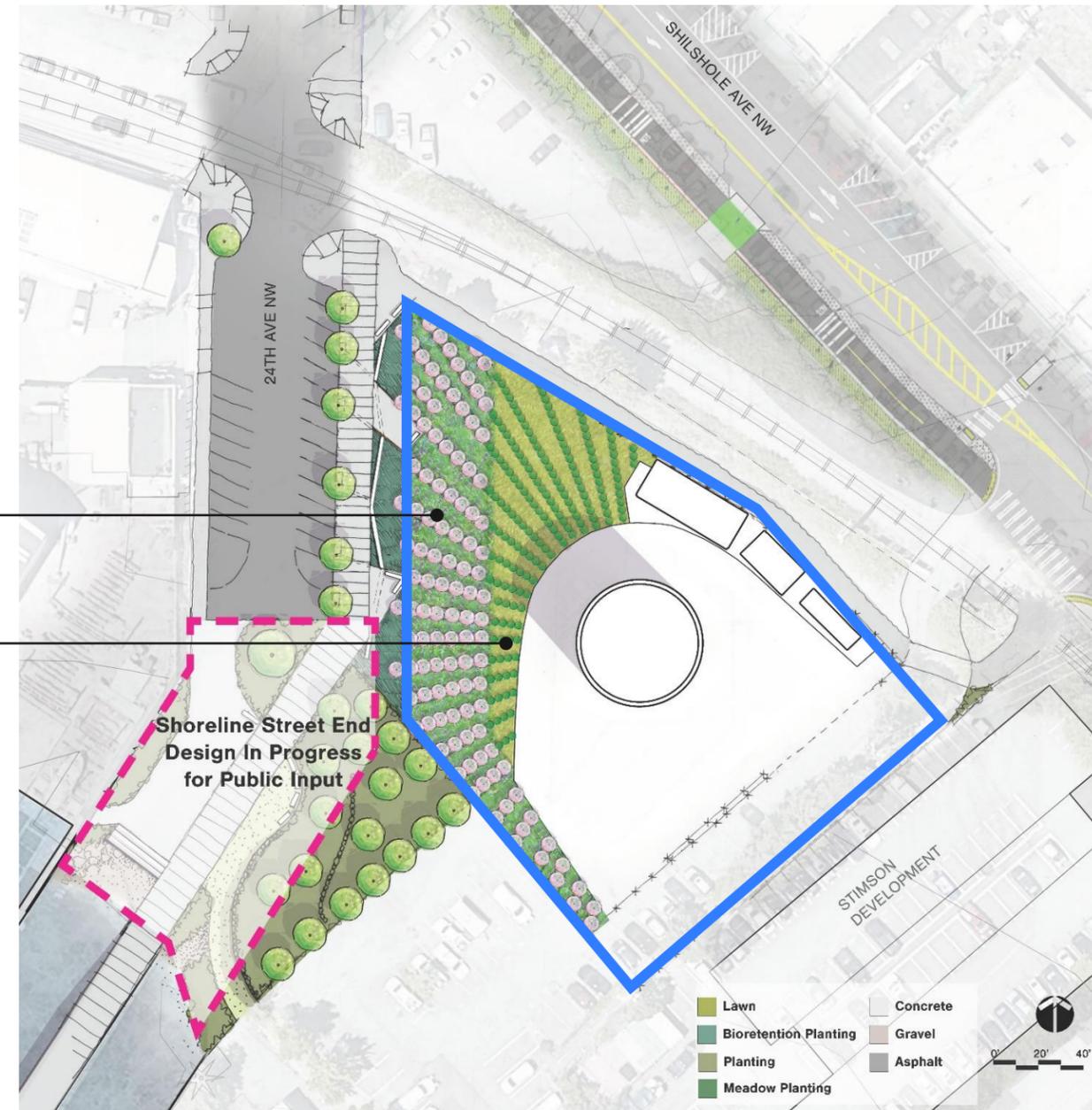


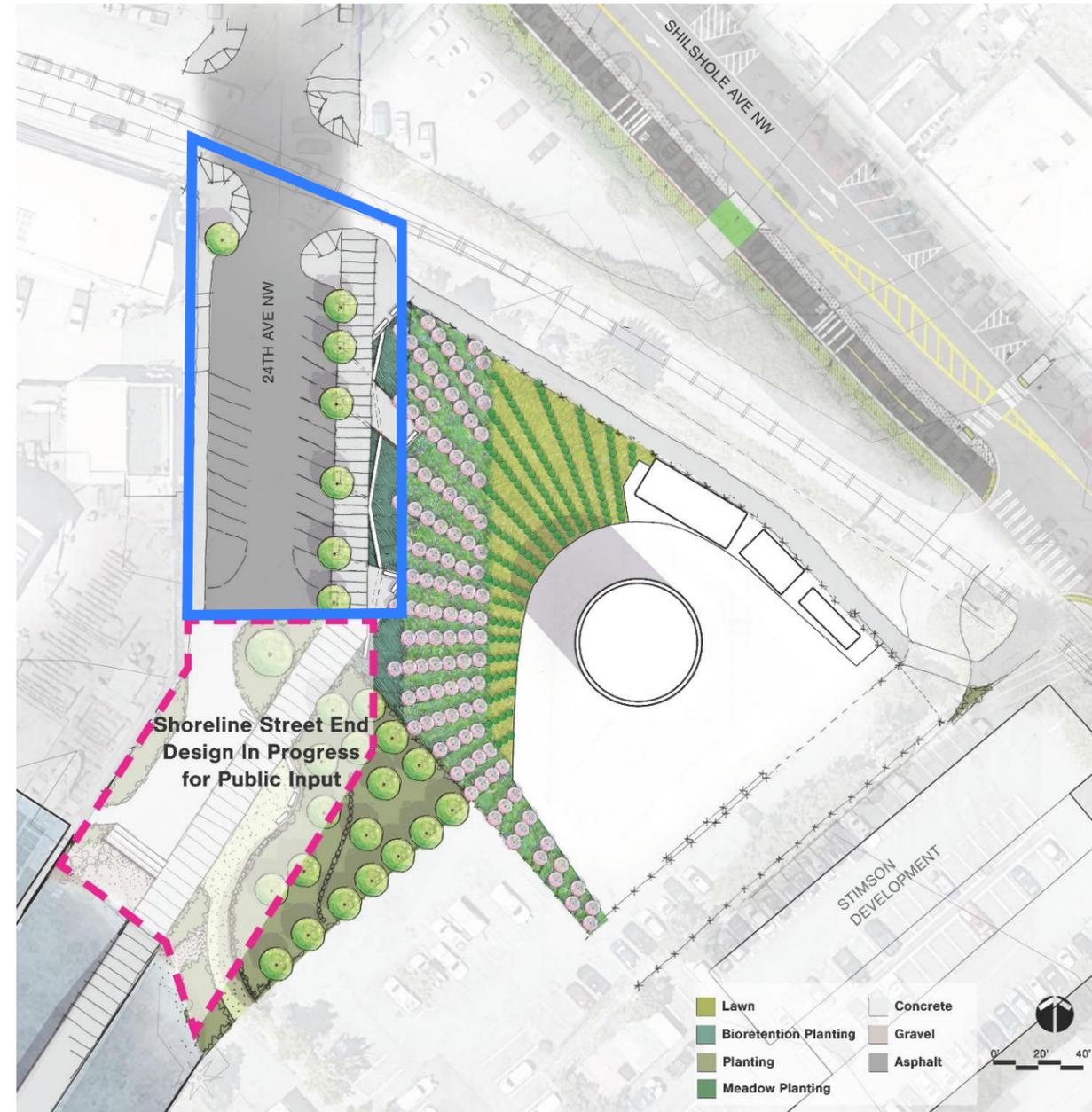
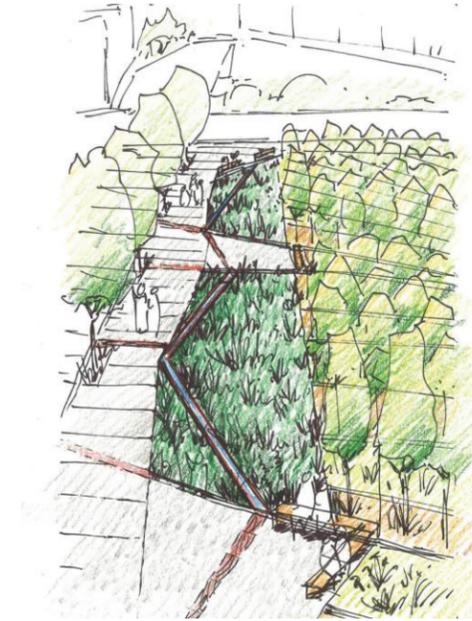
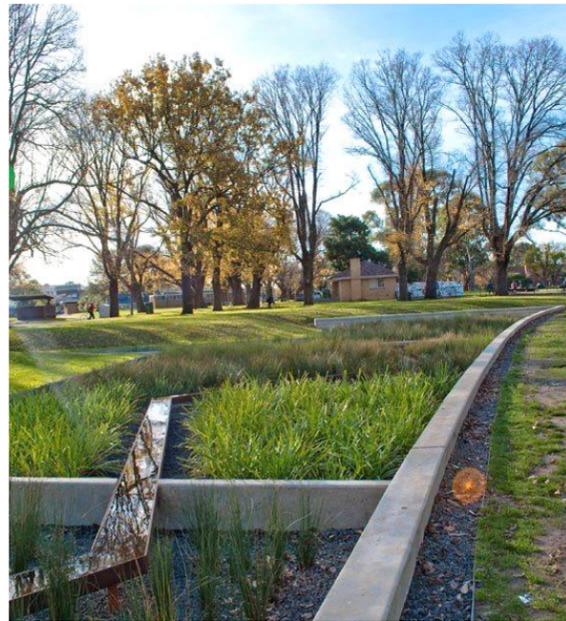
SITE PLAN

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- Planned public input
- Water access
- Planting
- Seating and other site furnishings
- Flexible paved areas
- Public art
- Ballard Operations Building HVAC equipment access



SITE PLAN - STREET END

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11th Avenue NW Street End – Seattle, WA



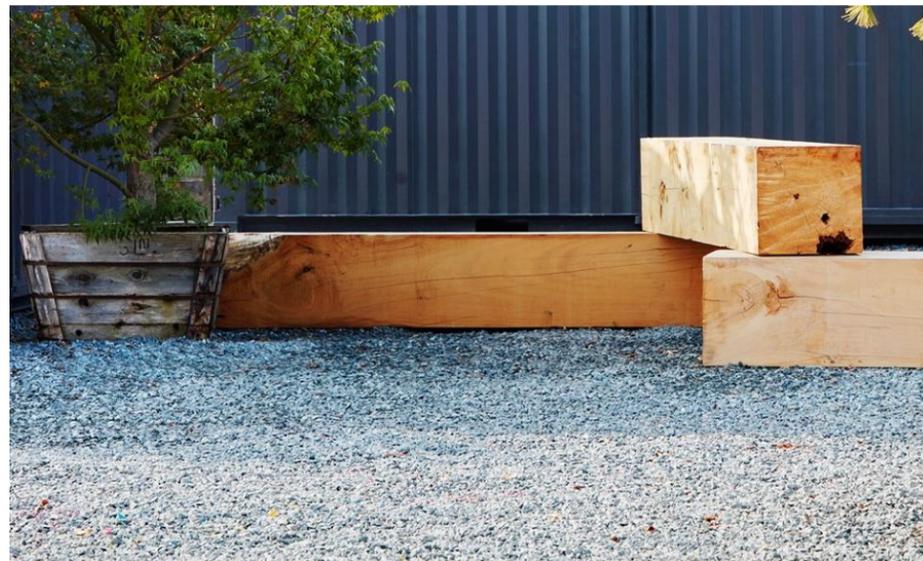
East Allison Street – Seattle, WA



Erie Street Plaza – Milwaukee, WI

STREET END - PRECEDENTS

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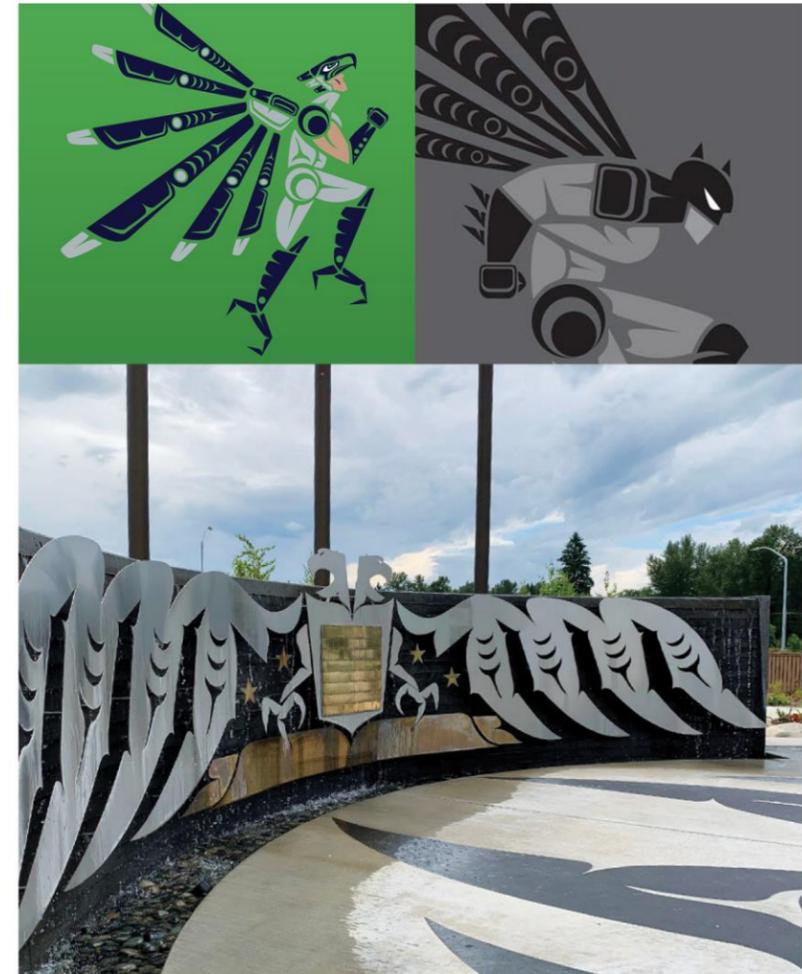
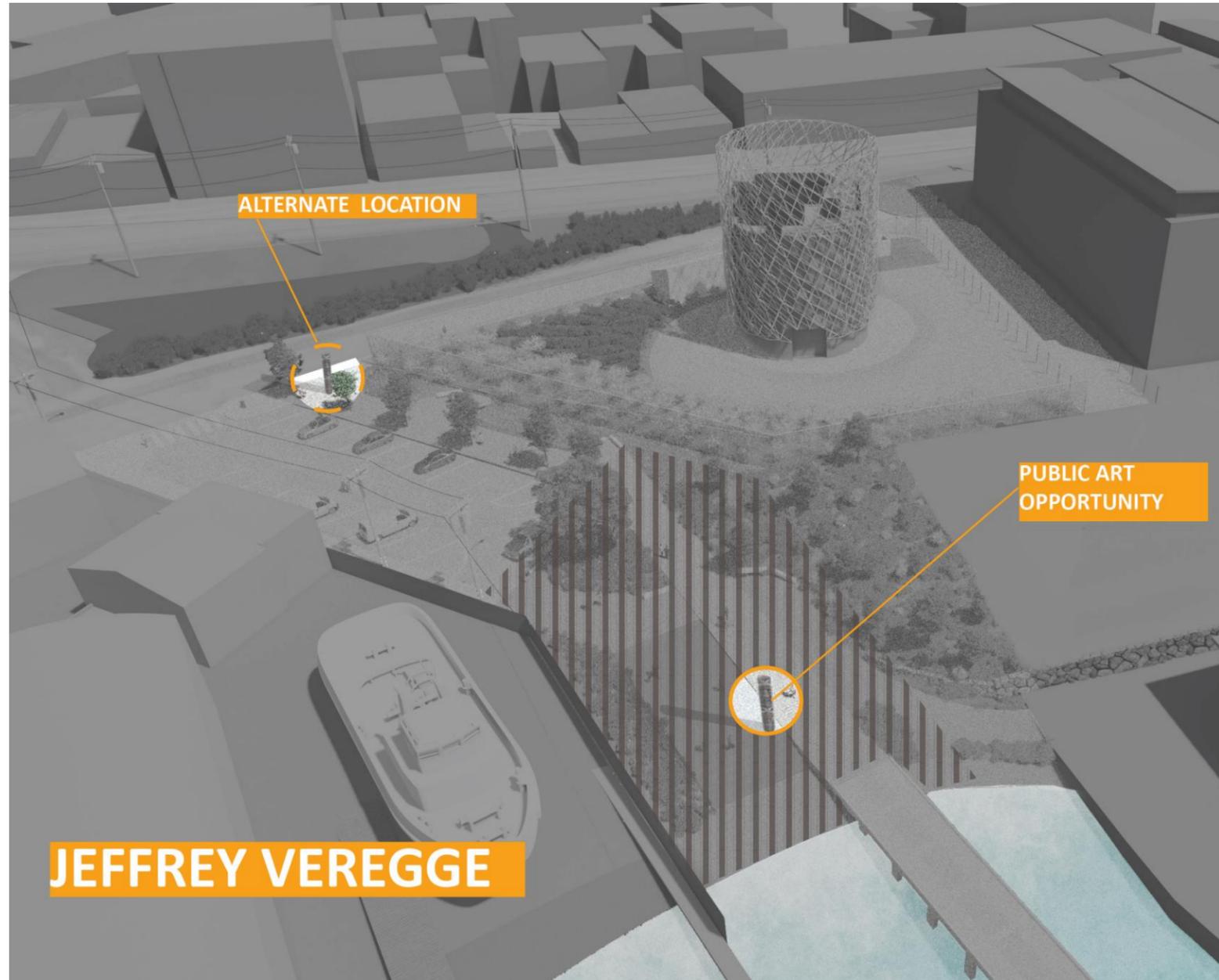
Working Yard Planting
Example plants: serviceberry, blueberry, camas



Working Right-of-Way Planting
Example plants: sedge, rush, iris



Working Phytoremediation Planting
Example plants: poplar, sorghum, willow

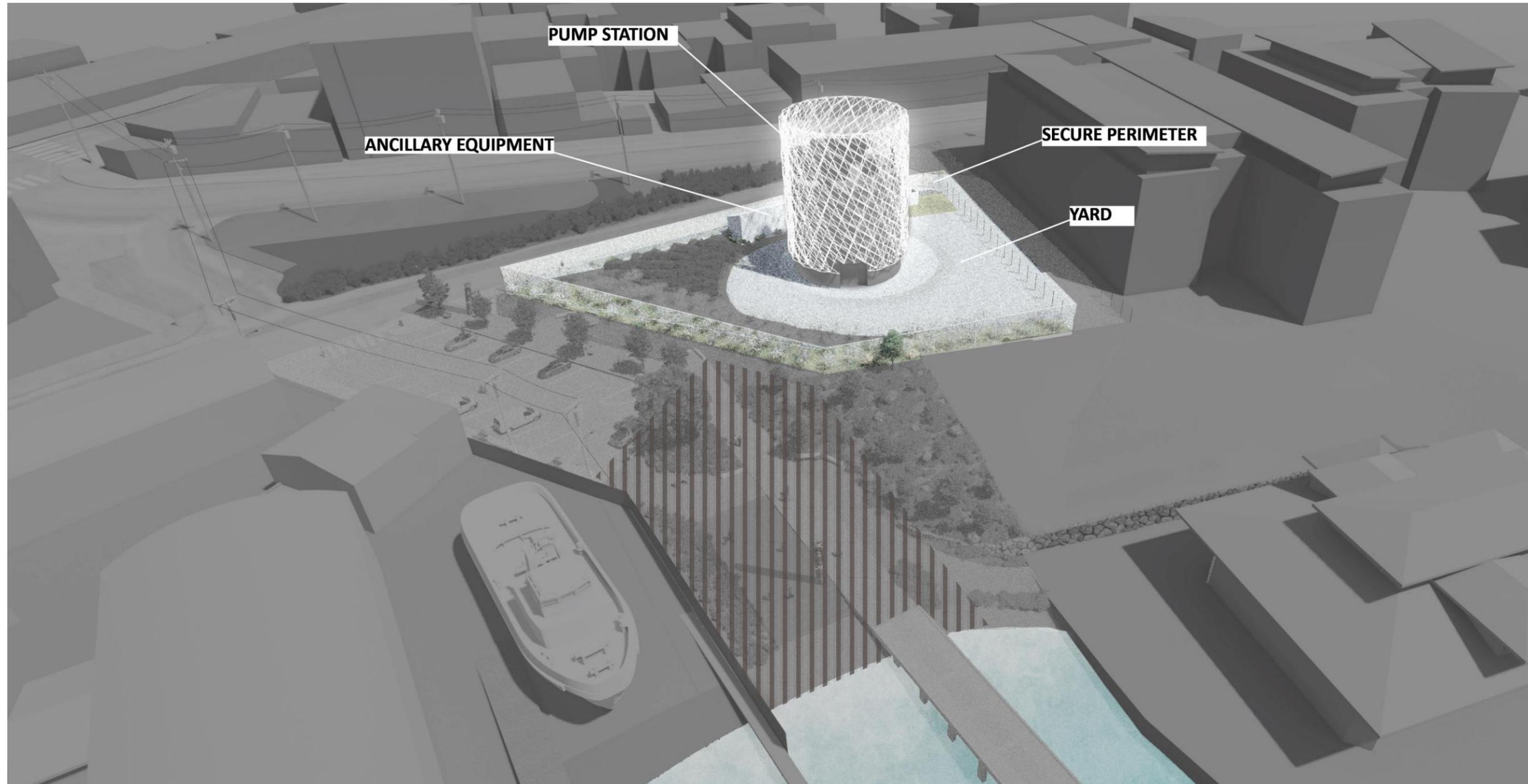


PUBLIC ART OPPORTUNITY

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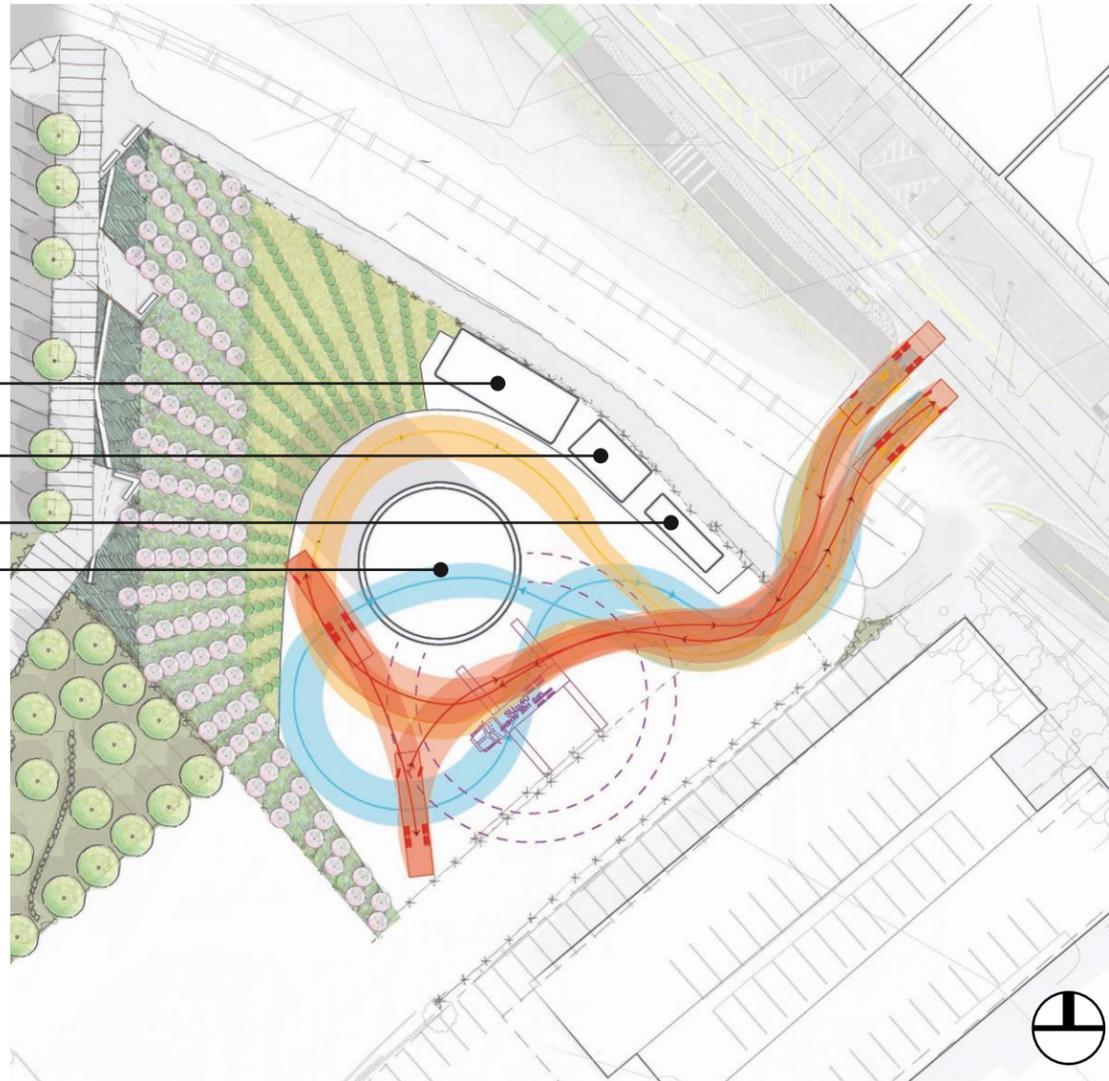
ARCHITECTURAL ELEMENTS

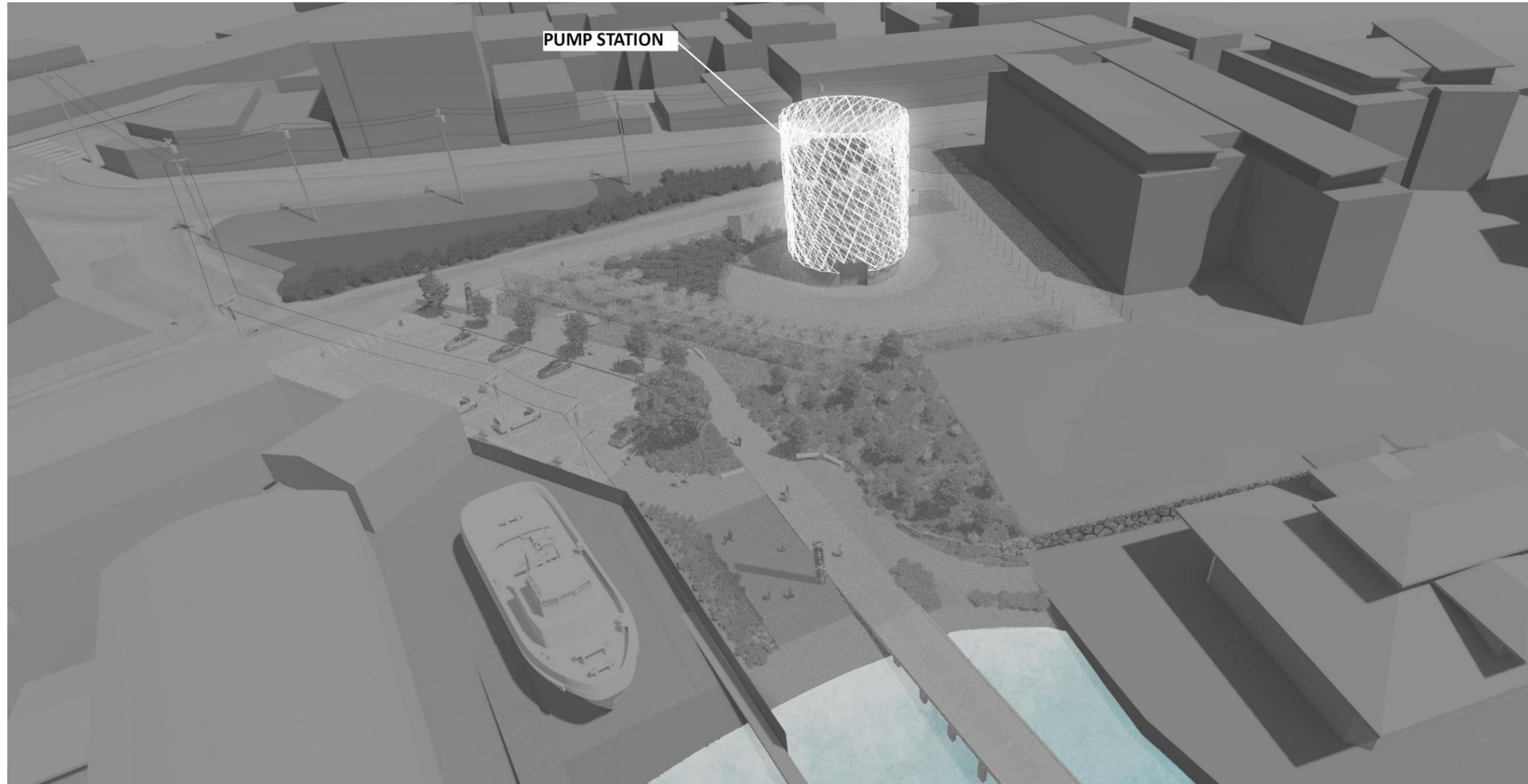
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- Electrical Equipment
- Transformer
- Generator
- Pump Station



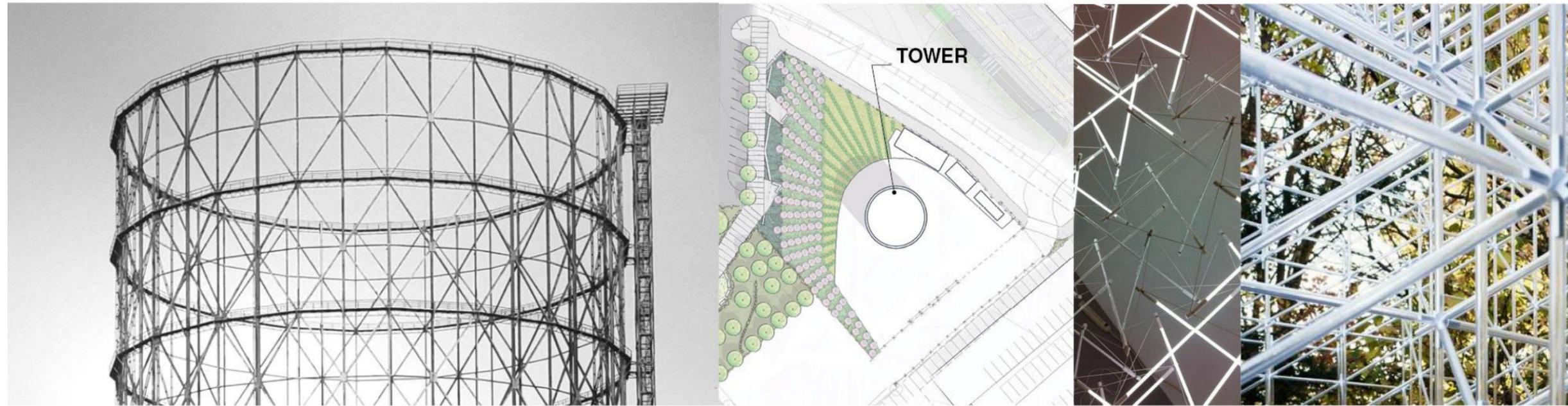


ARCHITECTURAL ELEMENTS- PUMP STATION

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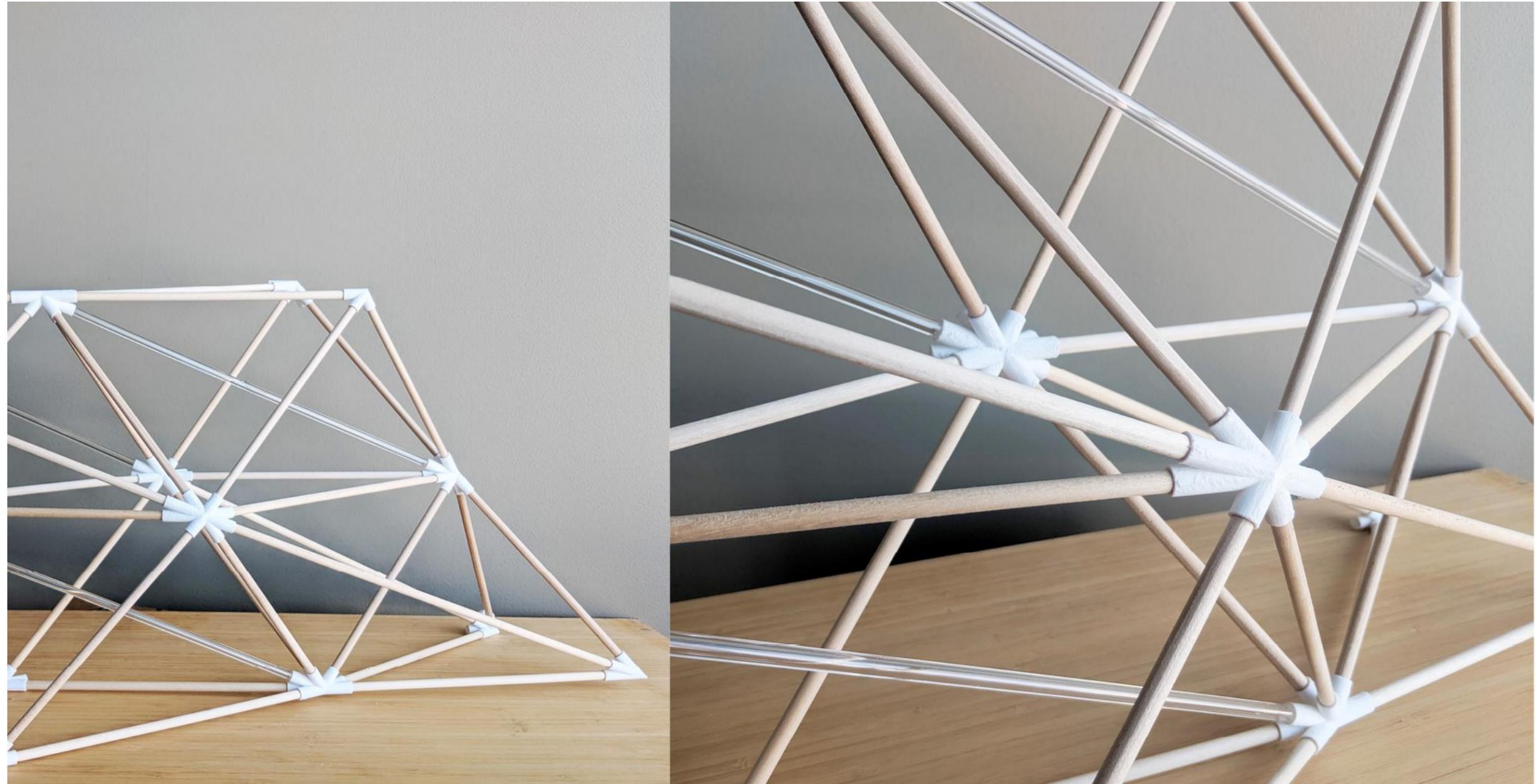


ARCHITECTURAL ELEMENTS - PUMP STATION

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ARCHITECTURAL ELEMENTS - PUMP STATION

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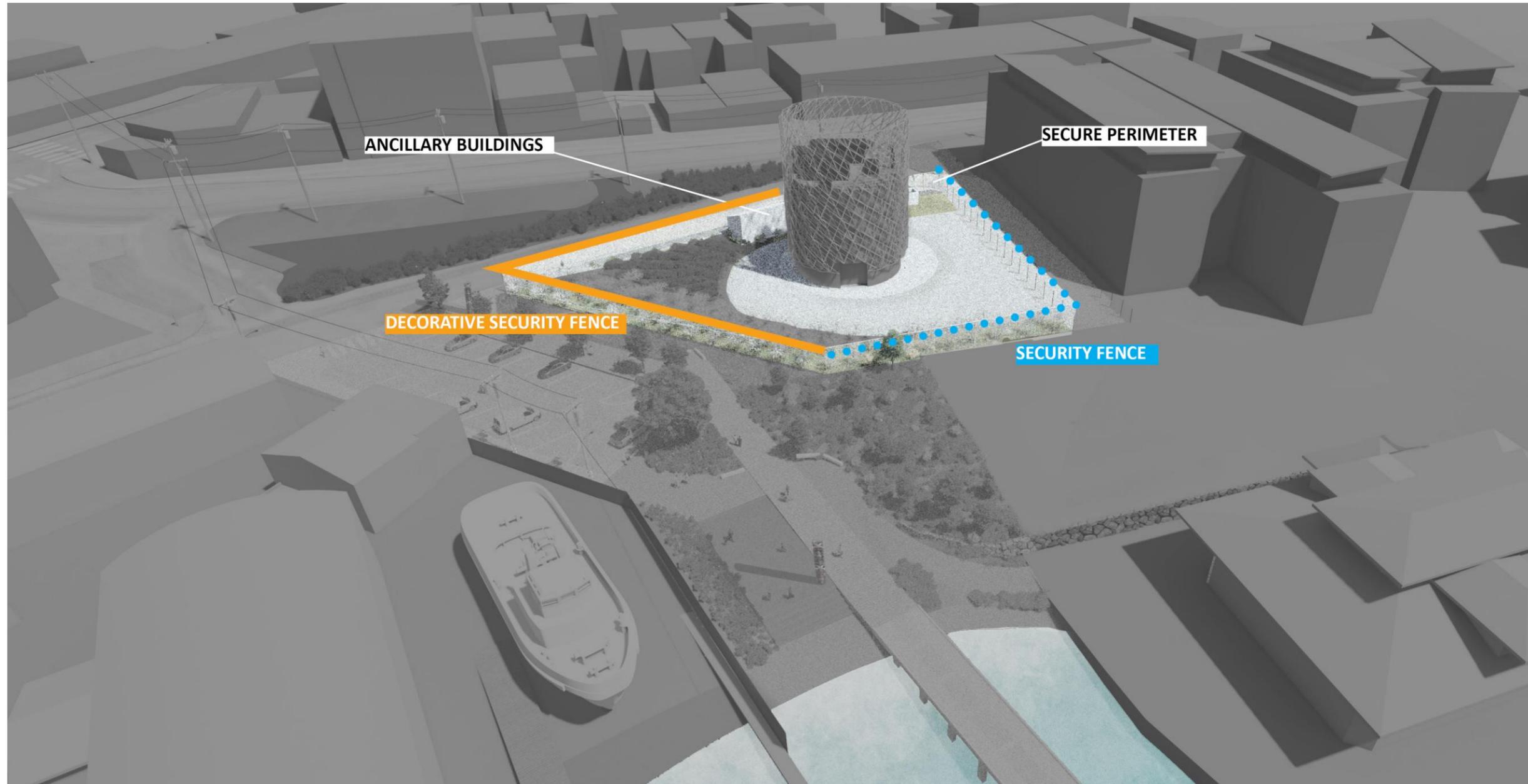


ARCHITECTURAL ELEMENTS - PUMP STATION

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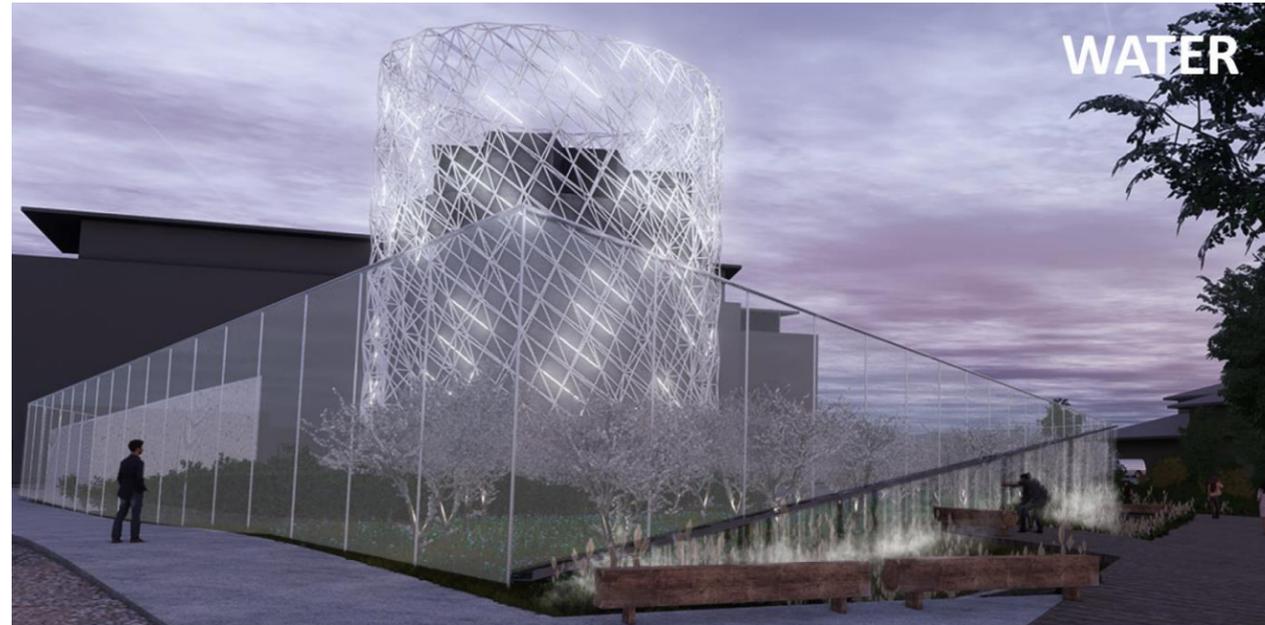


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ARCHITECTURAL ELEMENTS - FENCE

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ARCHITECTURAL ELEMENTS - FENCE

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ARCHITECTURAL ELEMENTS - FENCE

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THANK YOU

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Contact Kelsey Hinsperger Kelsey.Hinsperger@seattle.gov

Questions?

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