



Seattle Design Commission: 30% Concept Level Review

5425 Shilshole Avenue Northwest

SDCI Building Permit No. 6715316

October 17, 2019



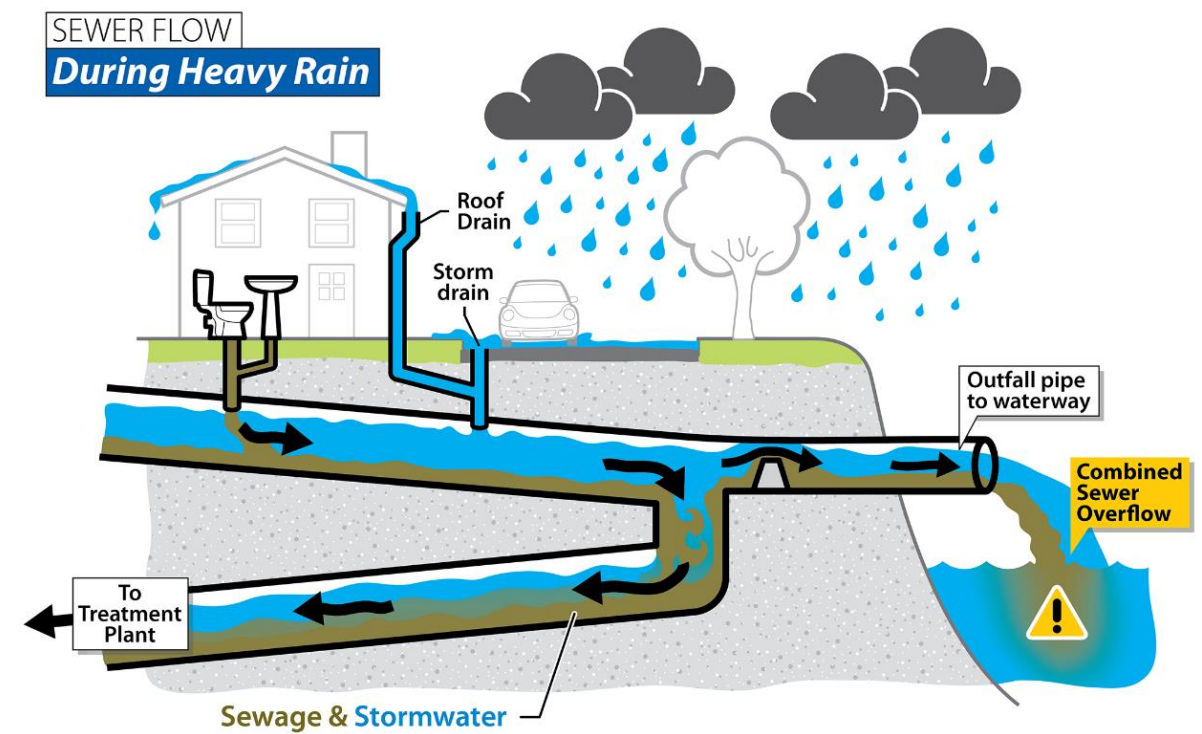
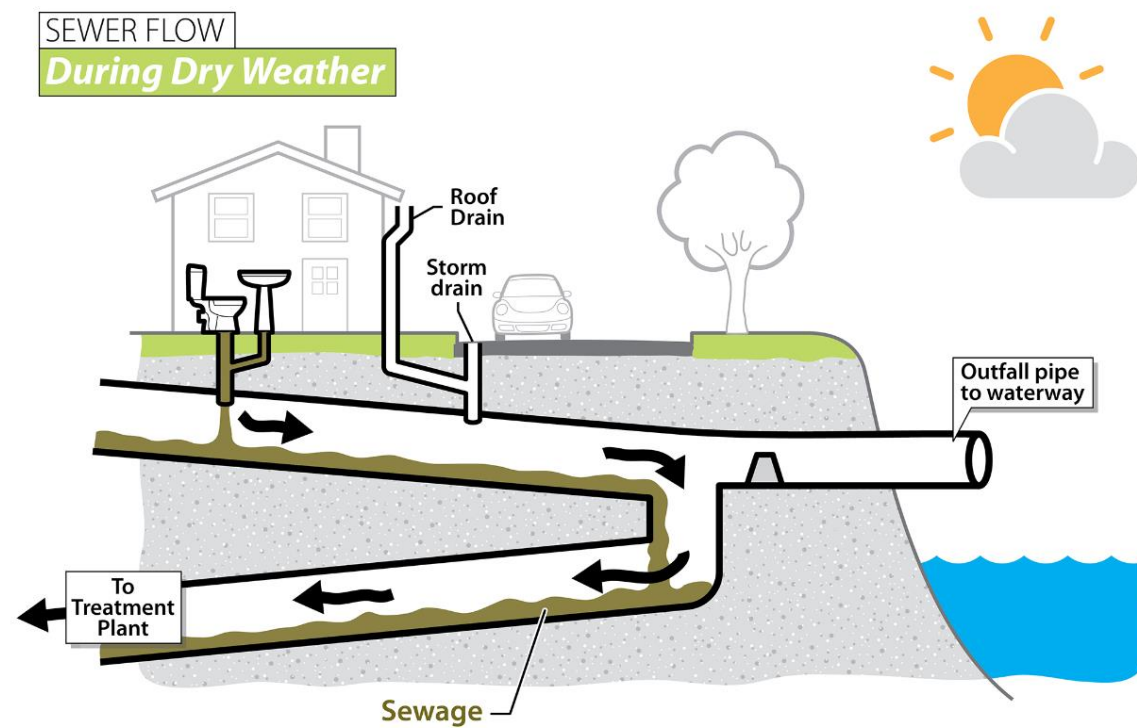
**Seattle
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Utilities**



King County

Ship Canal Water Quality Project

BALLARD TUNNEL EFFLUENT PUMP STATION₁



THE PROBLEM: CSO EVENTS

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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 desbordes en las tuberías y contaminación temporal en esta área.

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

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

이 구역의 현재 수질 상태를 파악하십시오: (Korean)

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)

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。

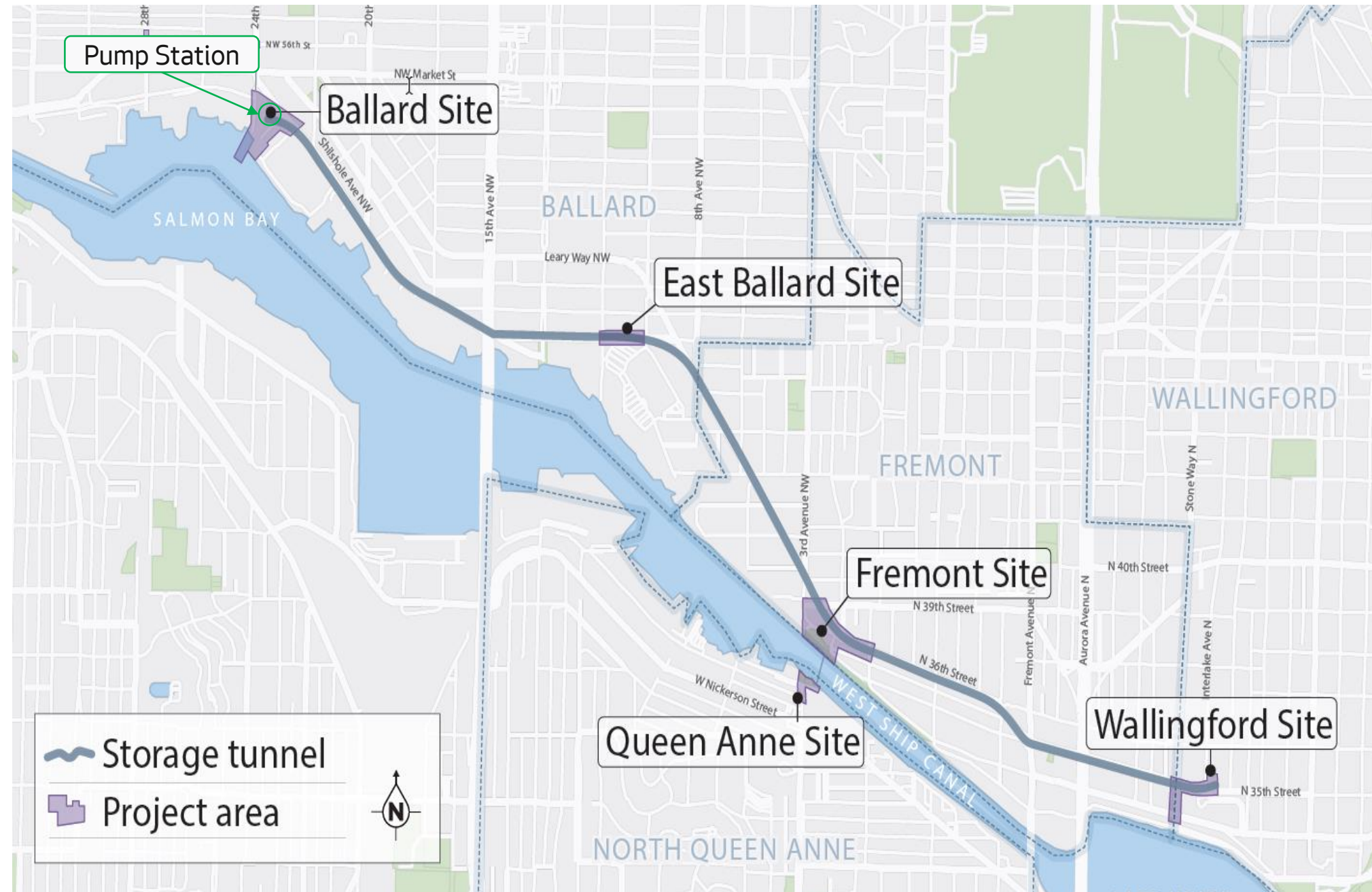
請查看本地區目前的水質情況: (Chinese)

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

CSO #:

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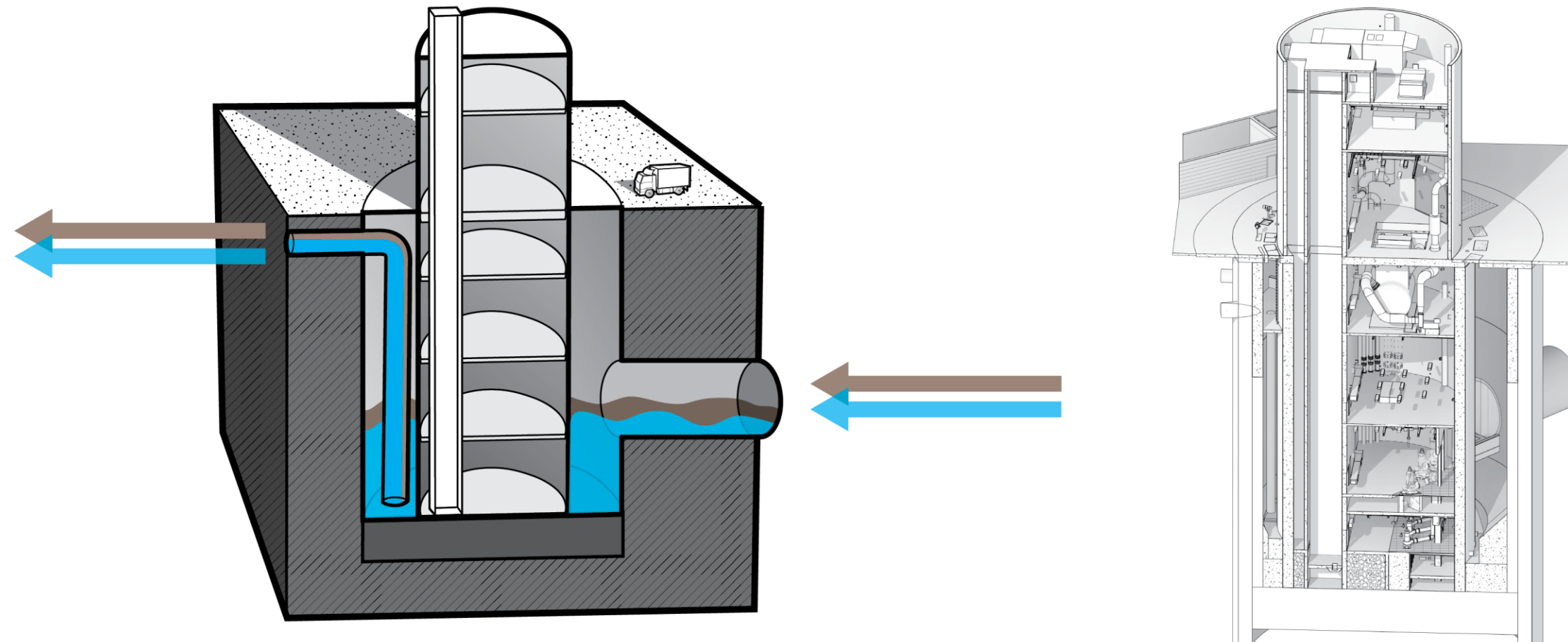
The SCWQP will keep an average of over **75 million gallons** of combined sewage overflow out of the Ship Canal, Salmon Bay, and Lake Union each year.



SHIP CANAL WATER QUALITY PROJECT

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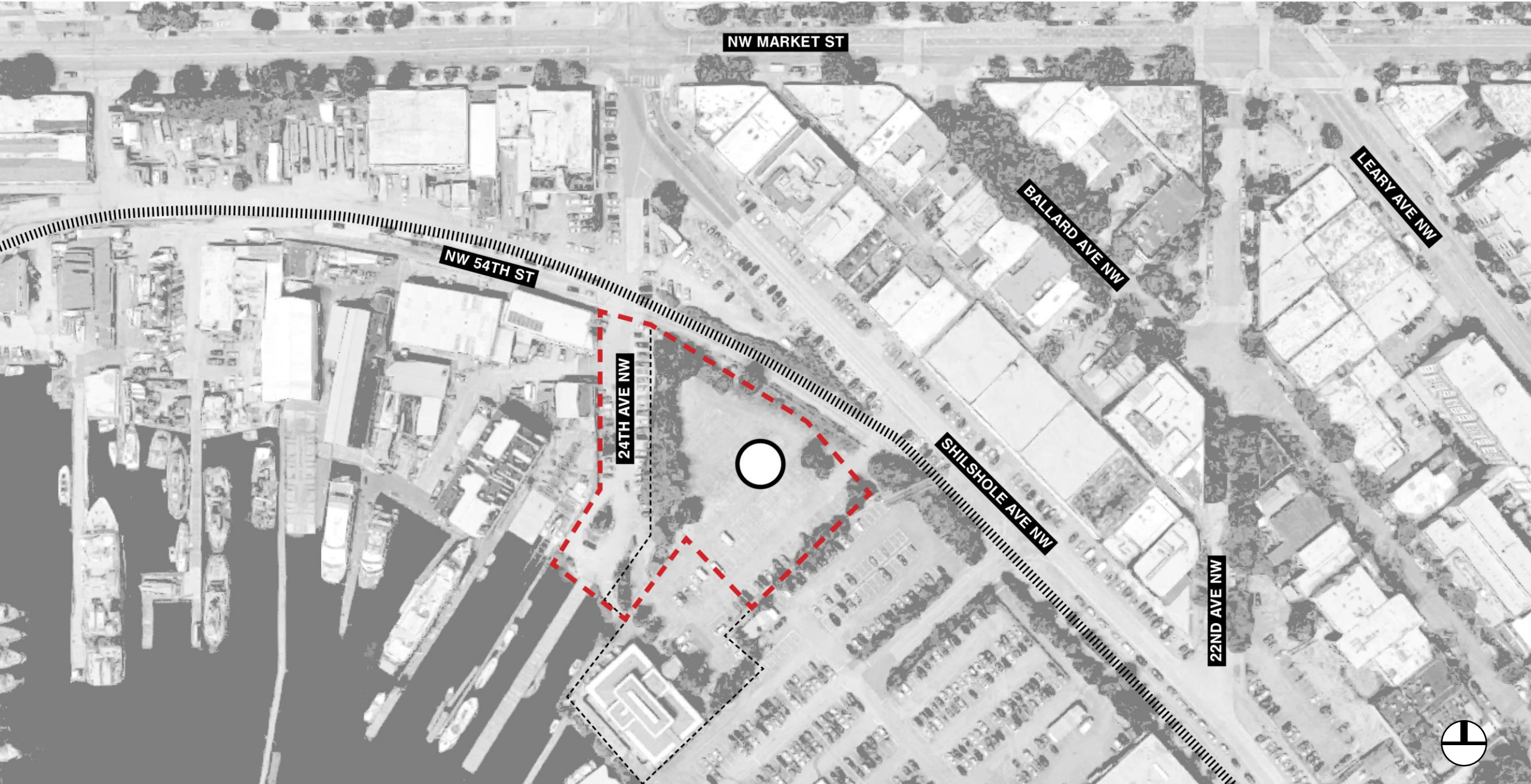


PUMP STATION FACILITY

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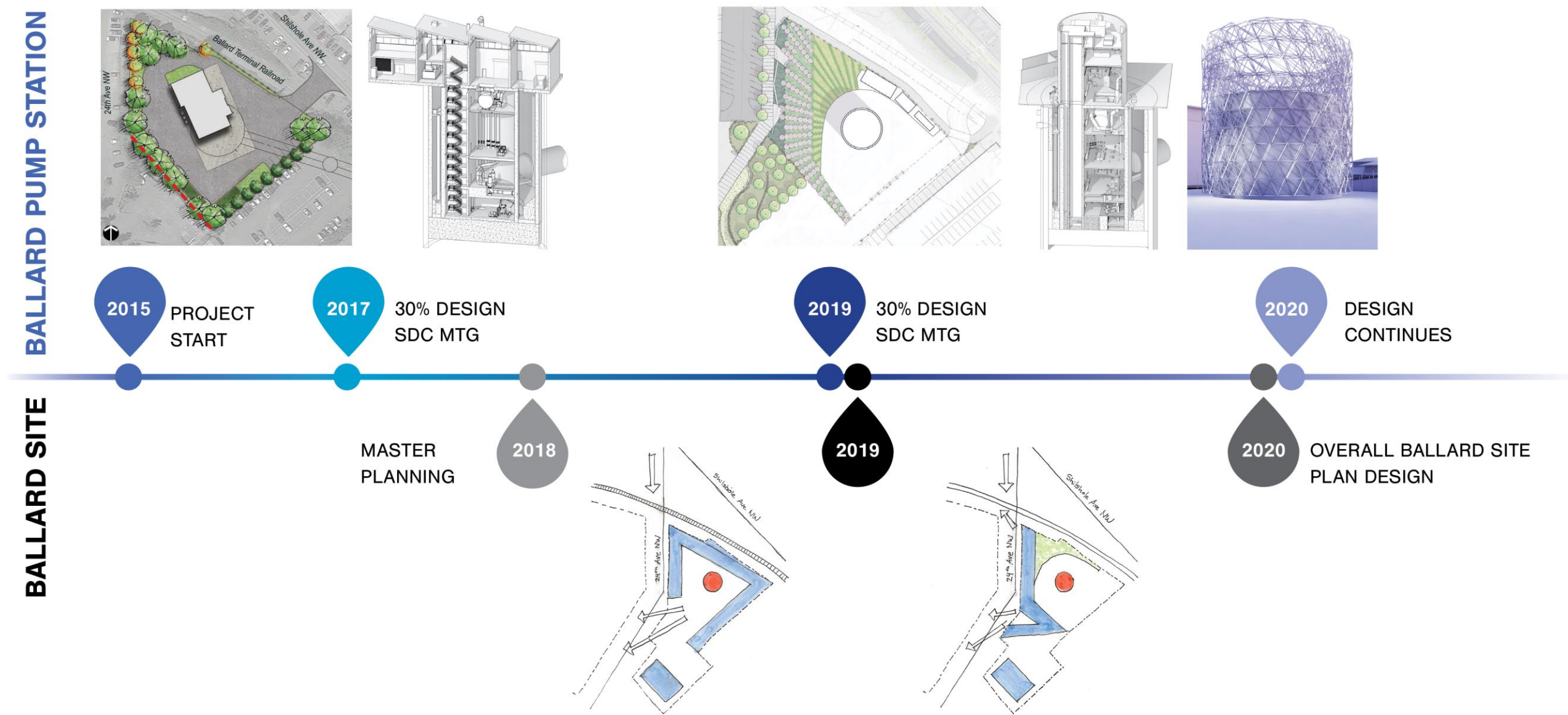


THE BALLARD SITE

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BALLARD PUMP STATION - TIMELINE



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Ship Canal

WATER QUALITY PROJECT

[Welcome](#)[About](#)[Tunnel](#)[Ballard](#)[East Ballard](#)[Fremont](#)[Queen Anne](#)[Wallingford](#)[Project Library](#)



Reducing sewer overflows by 2025

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


[Sign up for project updates +](#)



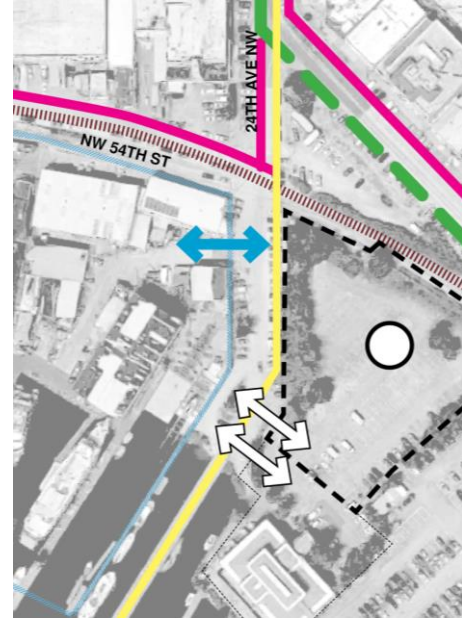
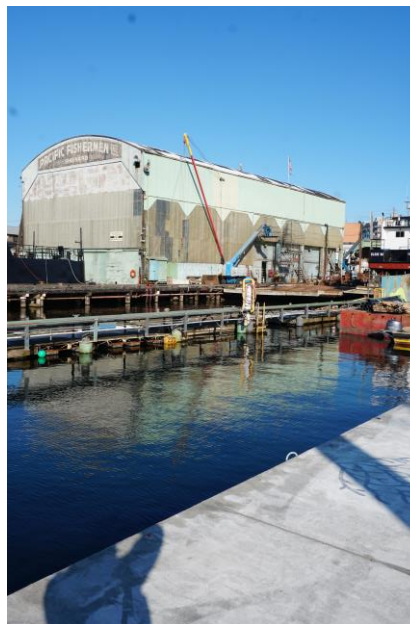
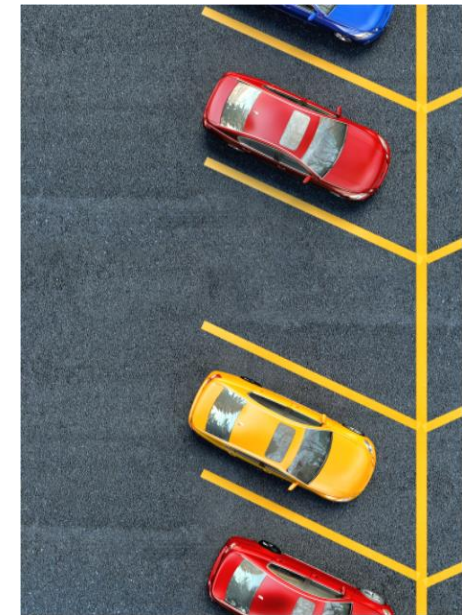
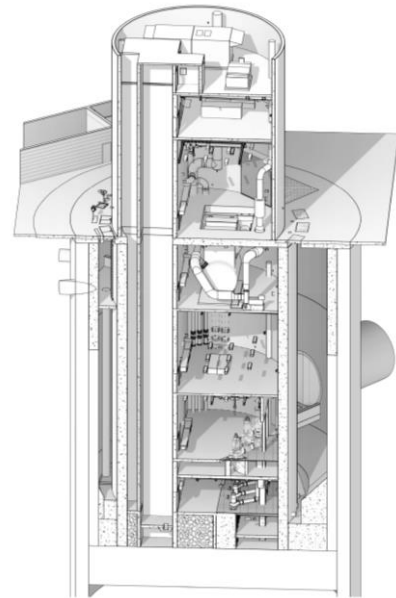
Project Area (Click or tap image to enlarge)

OUTREACH & ENGAGEMENT

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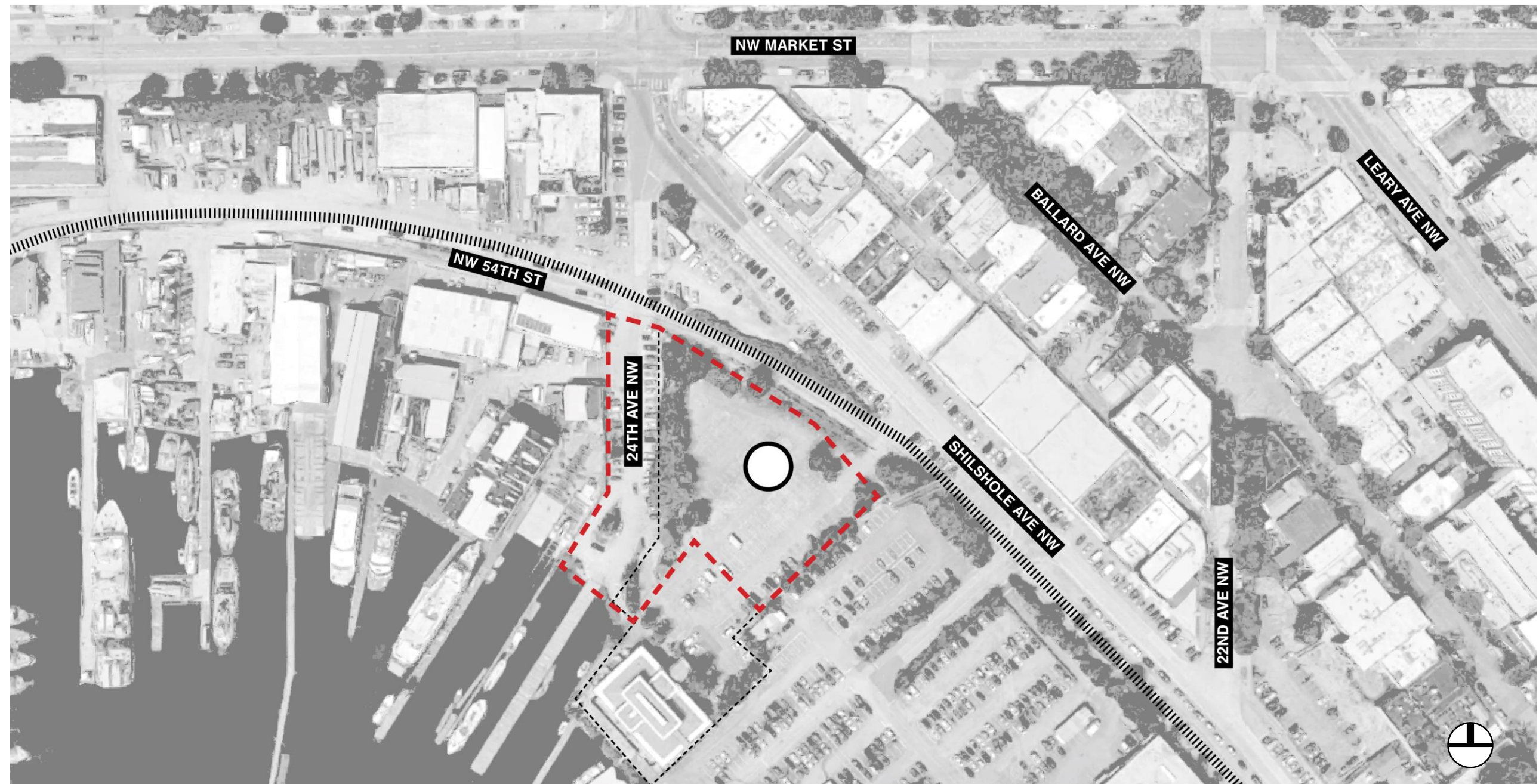
WHAT WE'VE HEARD

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- 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

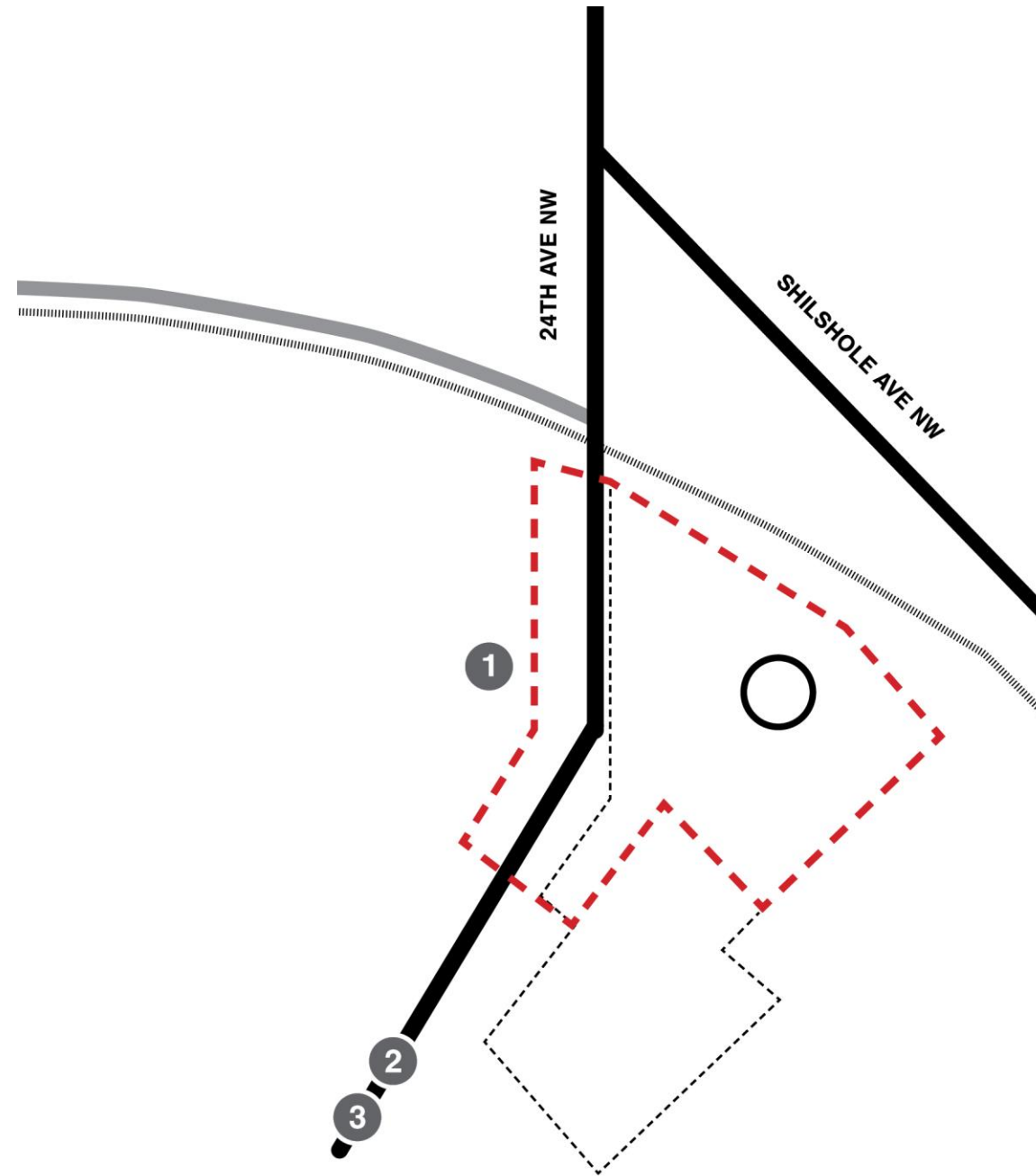


THE BALLARD SITE

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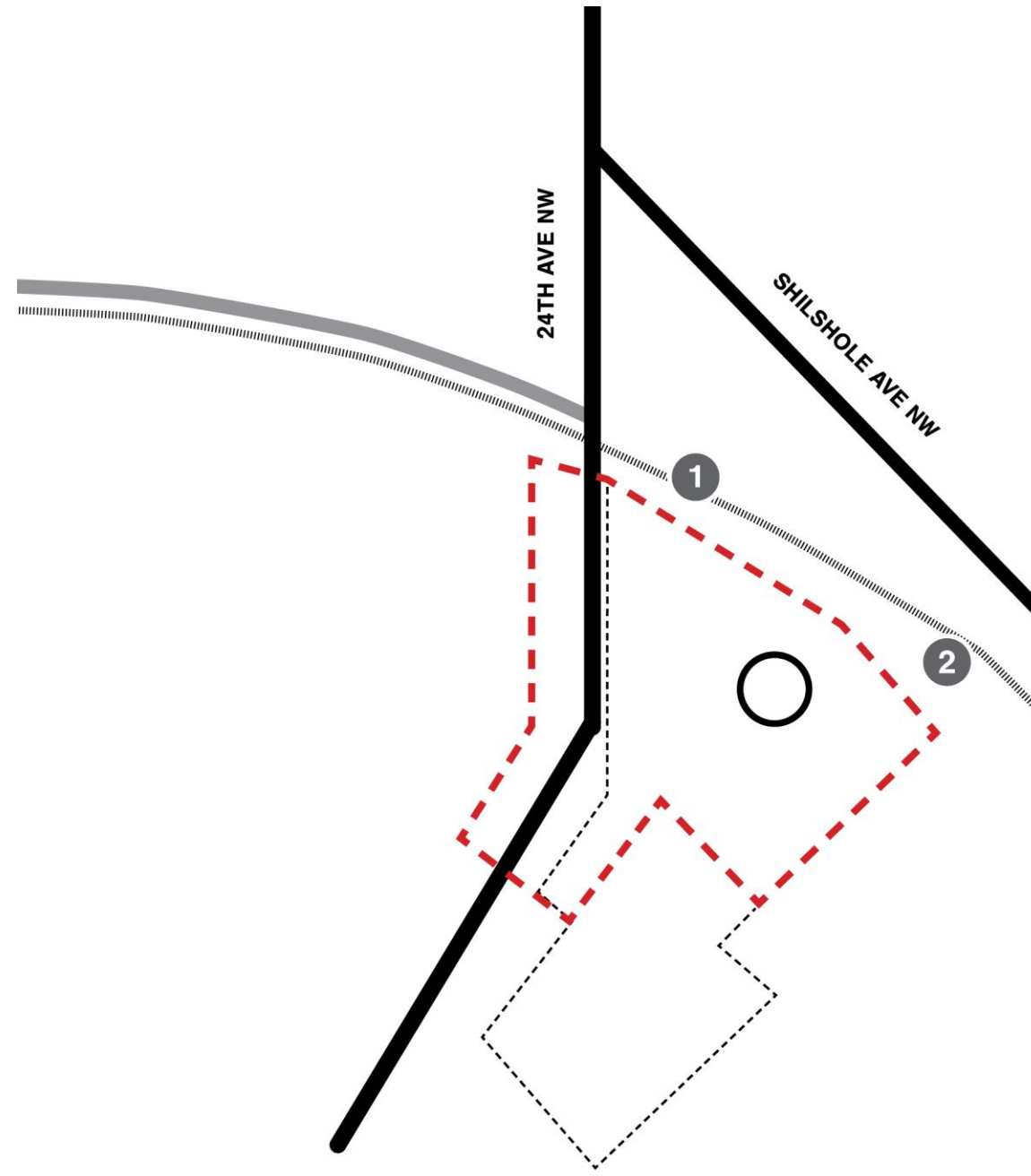


SITE PHOTOS - NEIGHBORHOOD CONTEXT

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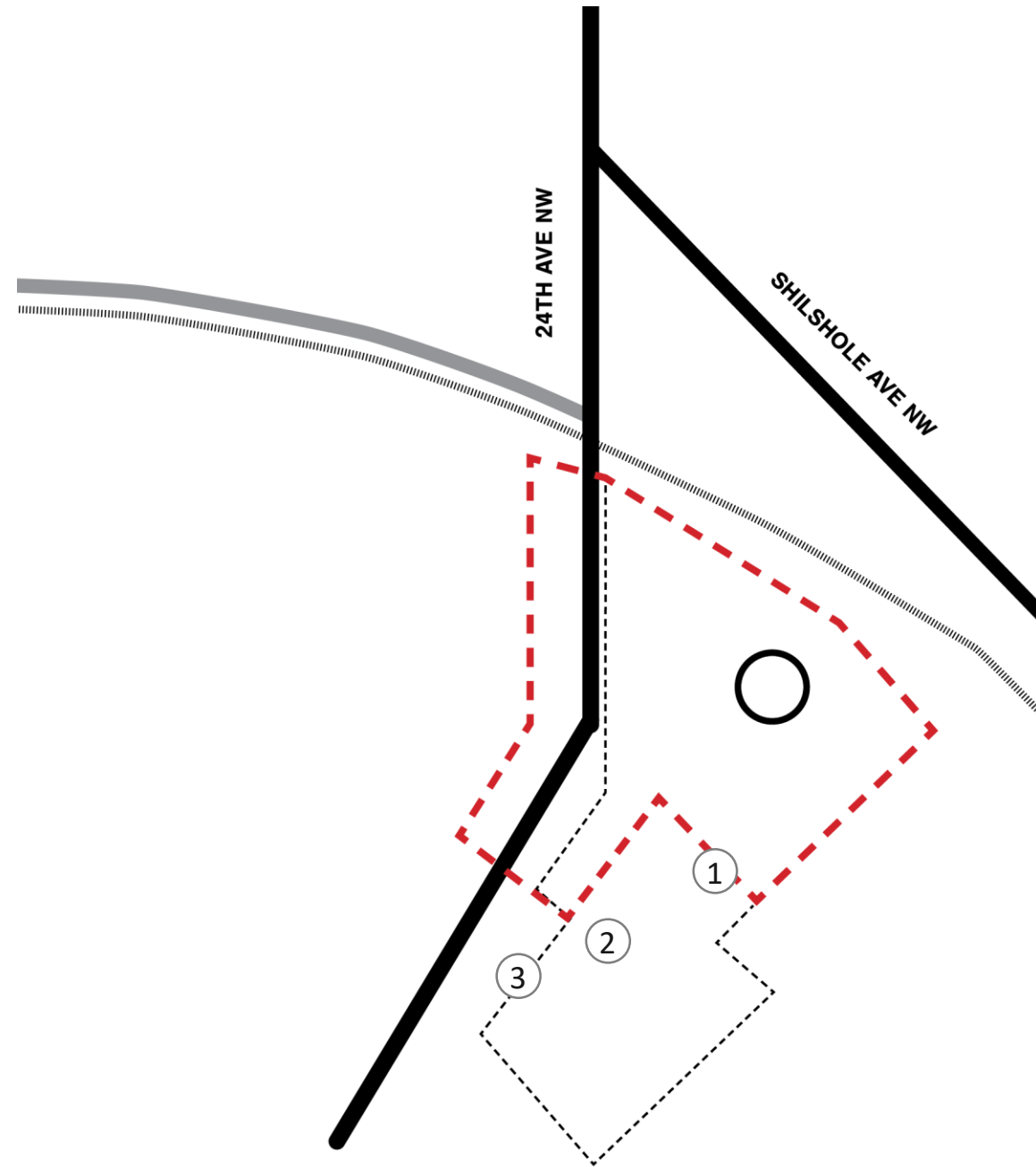


SITE PHOTOS - NORTH EDGE

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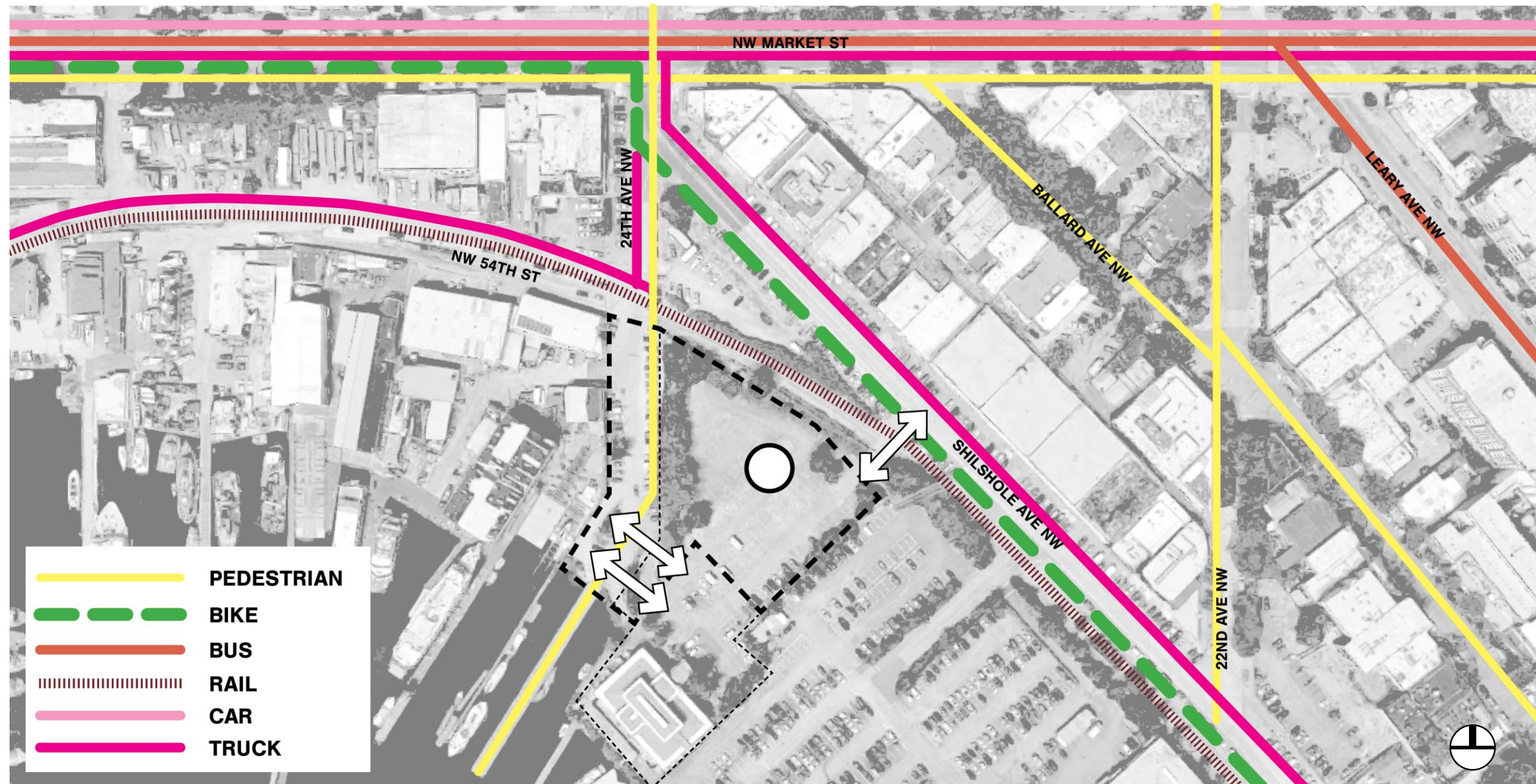
SITE PHOTOS - SOUTH & BOB

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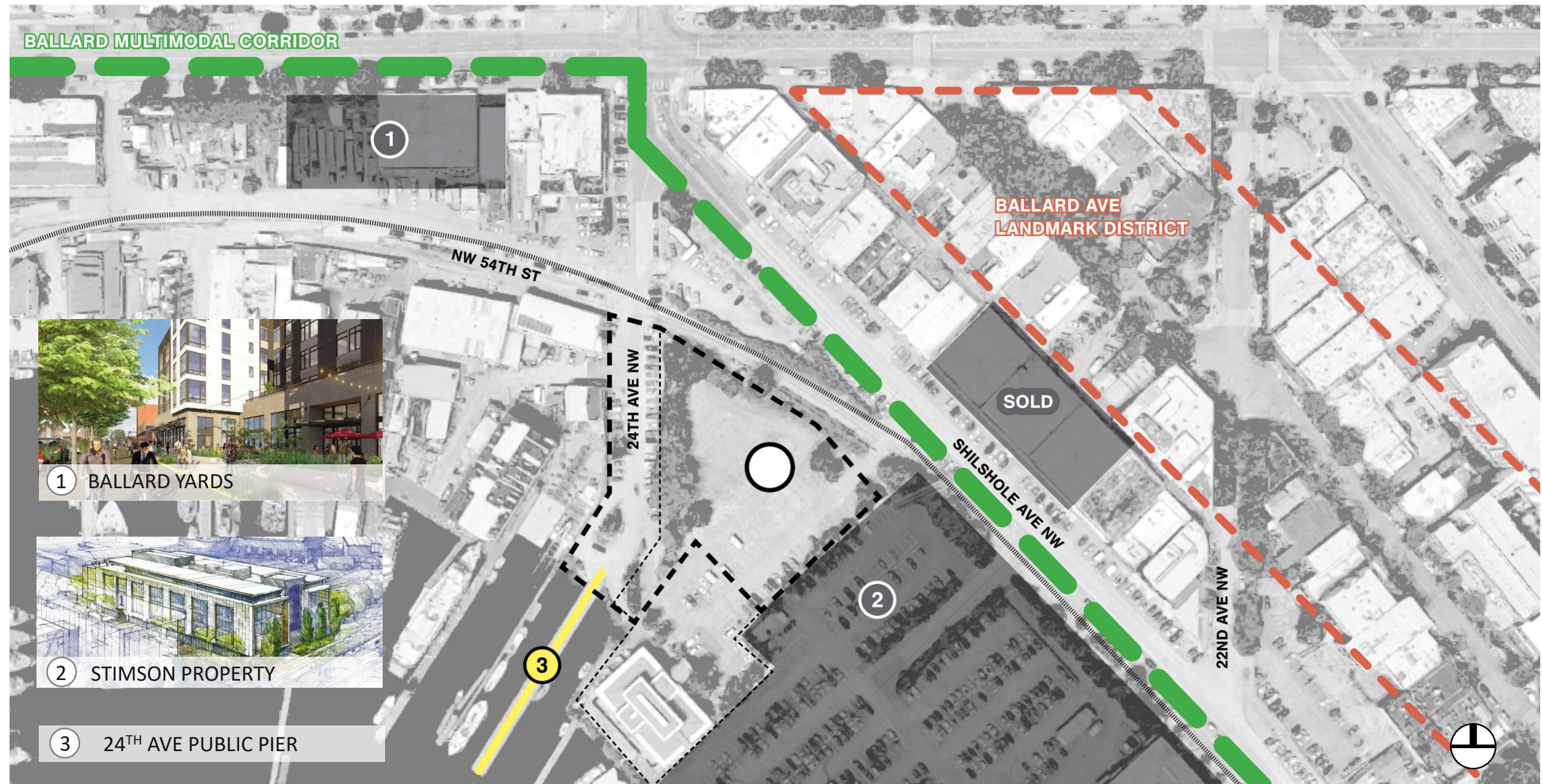


ACCESS

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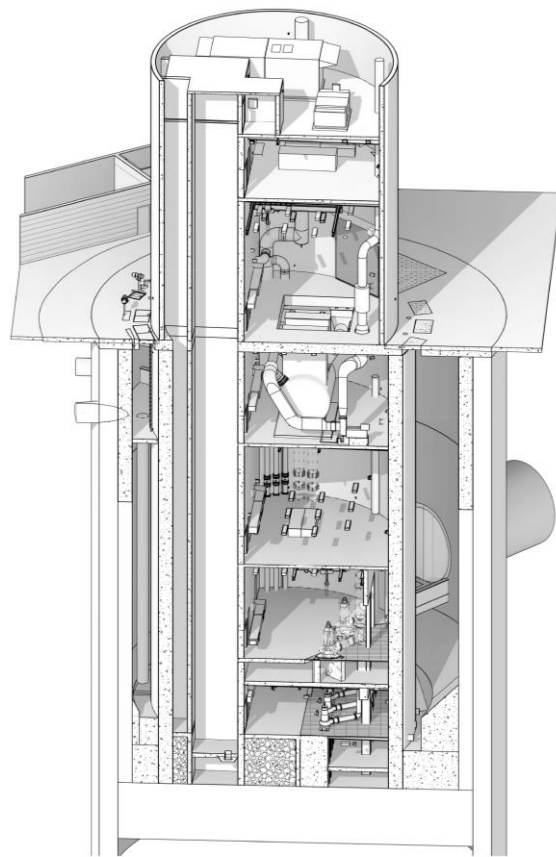


ADJACENT DEVELOPMENT

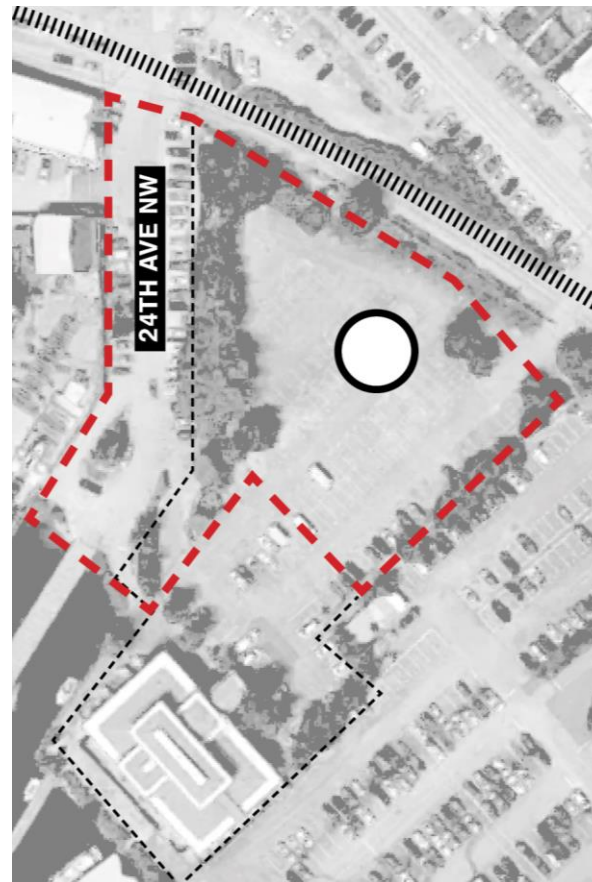
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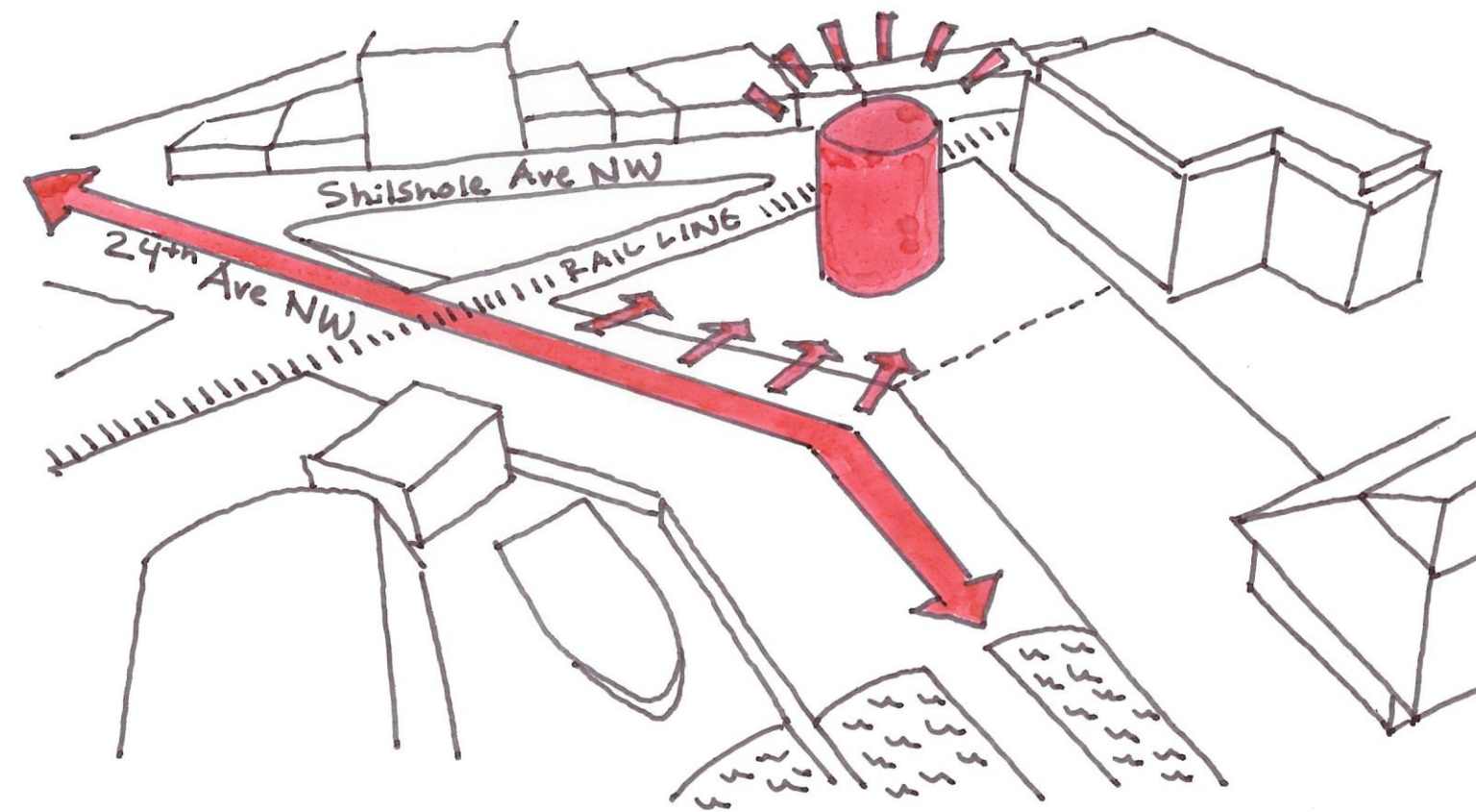
- 1
- 2
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DESIGN EQUATION

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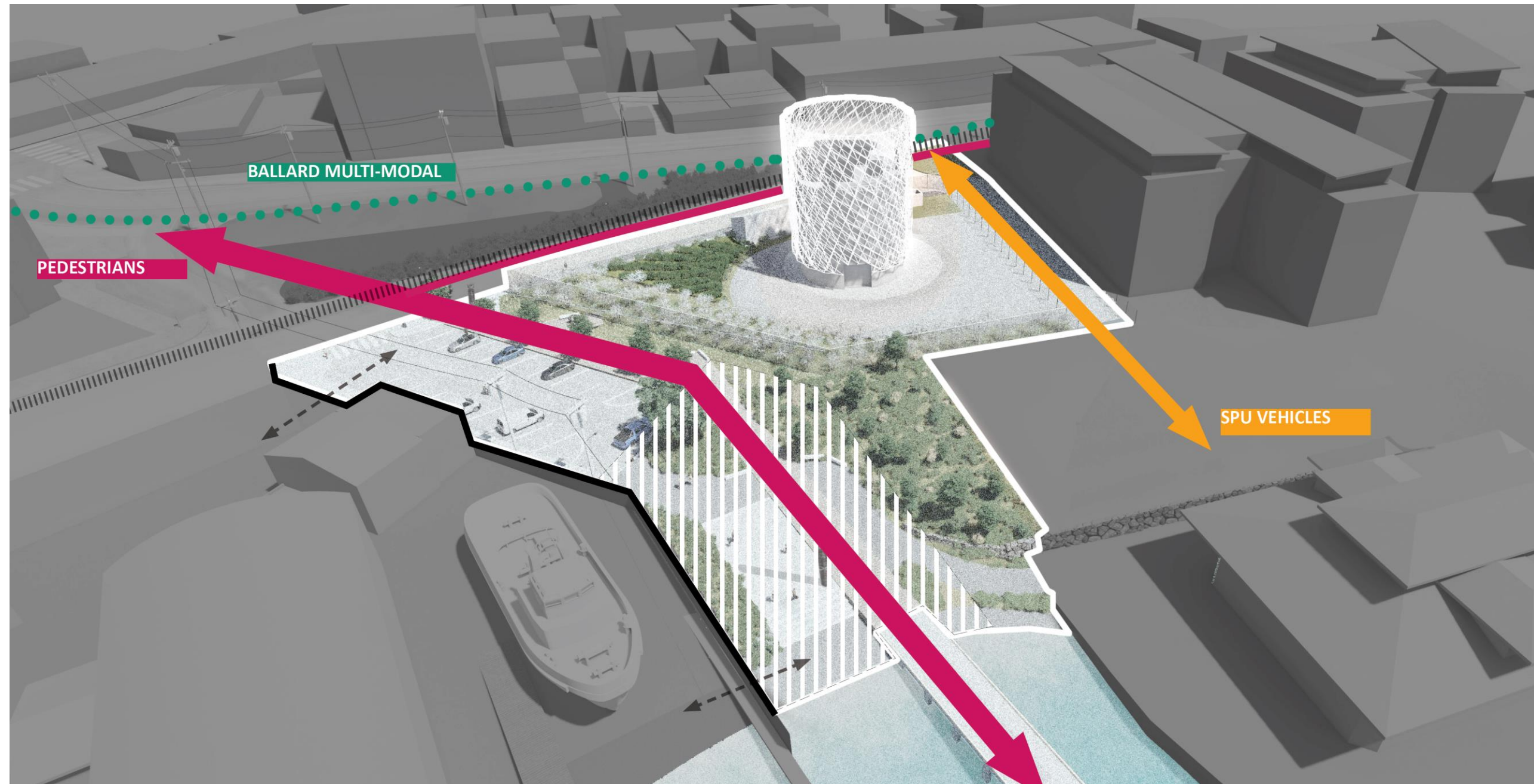


CONCEPTUAL SITE DIAGRAM

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SITE DIAGRAM

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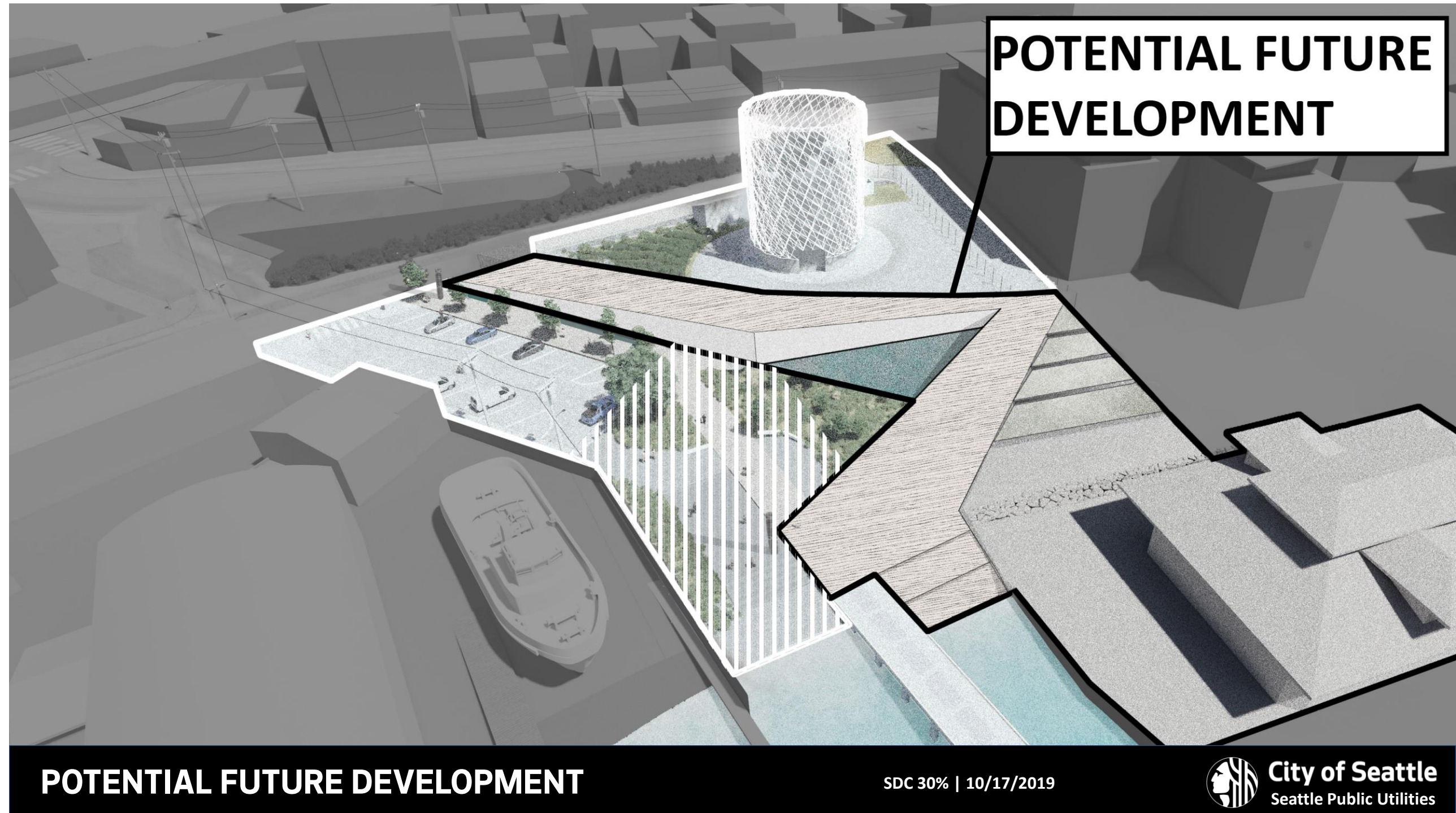


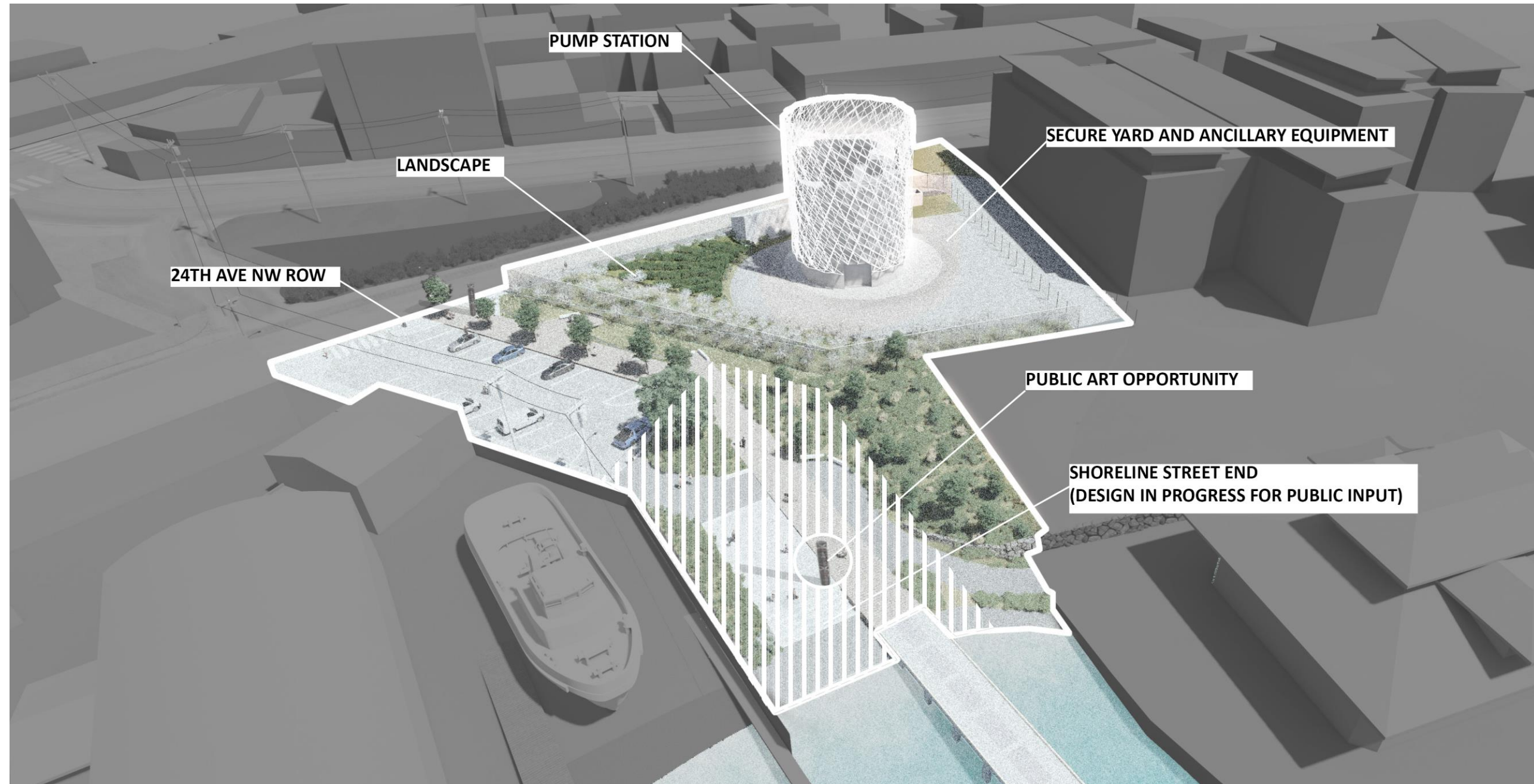
EXTENTS OF THE PROJECT

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PROJECT PROGRAM & SCOPE

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1905 Home of Hwehlchtid 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

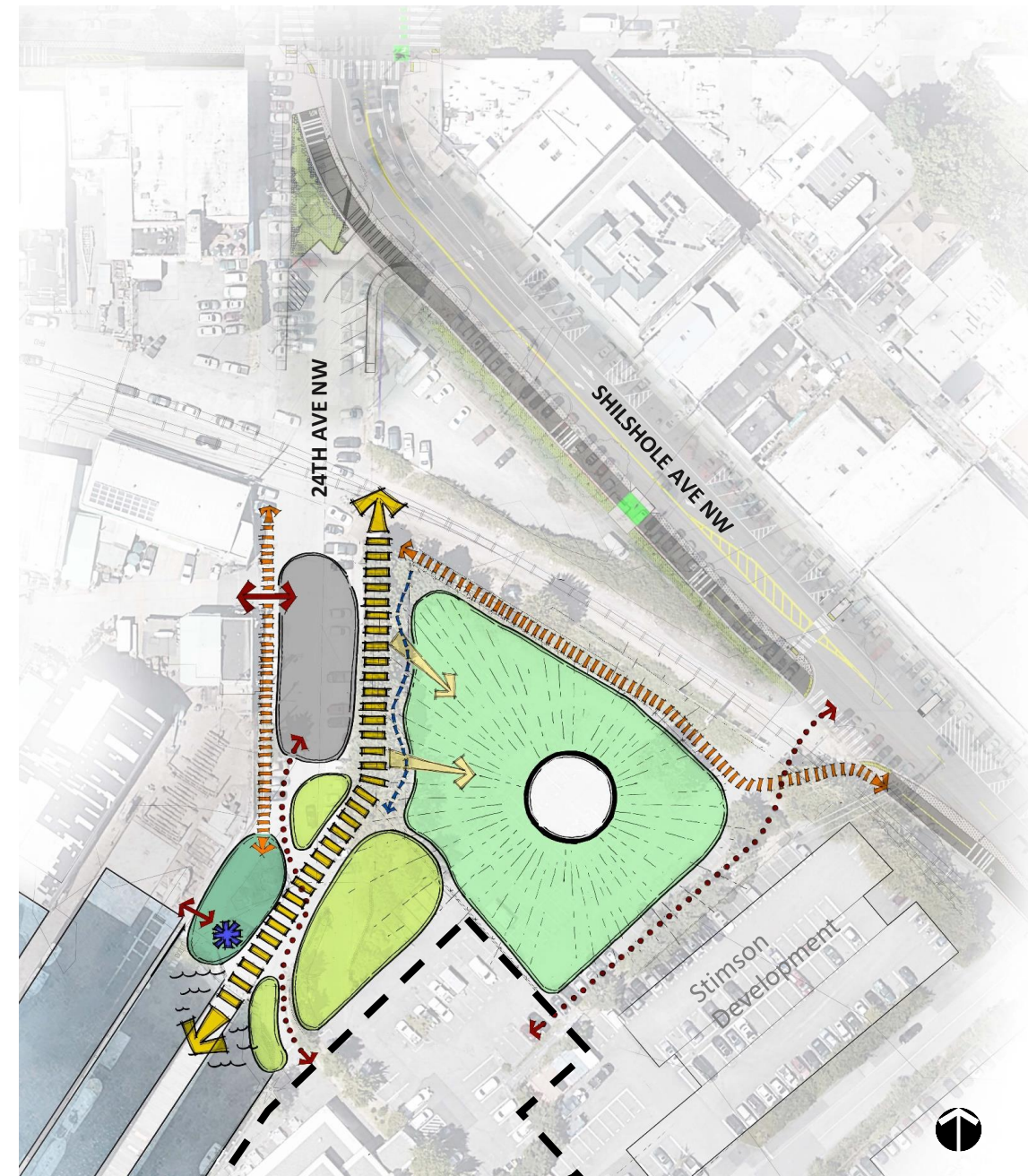
LANDSCAPE CONCEPT – WORKING LANDSCAPE

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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)

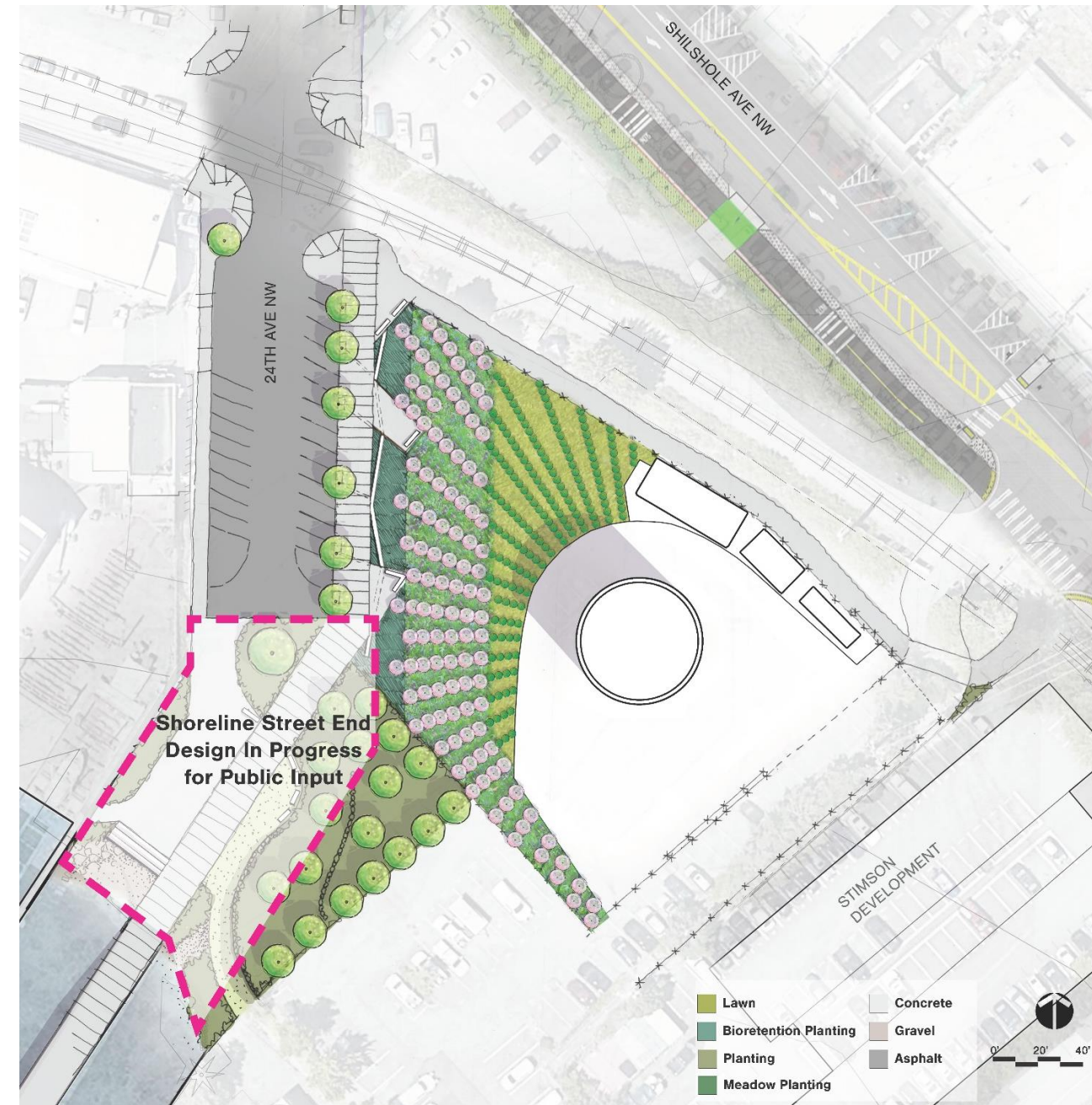


LANDSCAPE ANALYSIS

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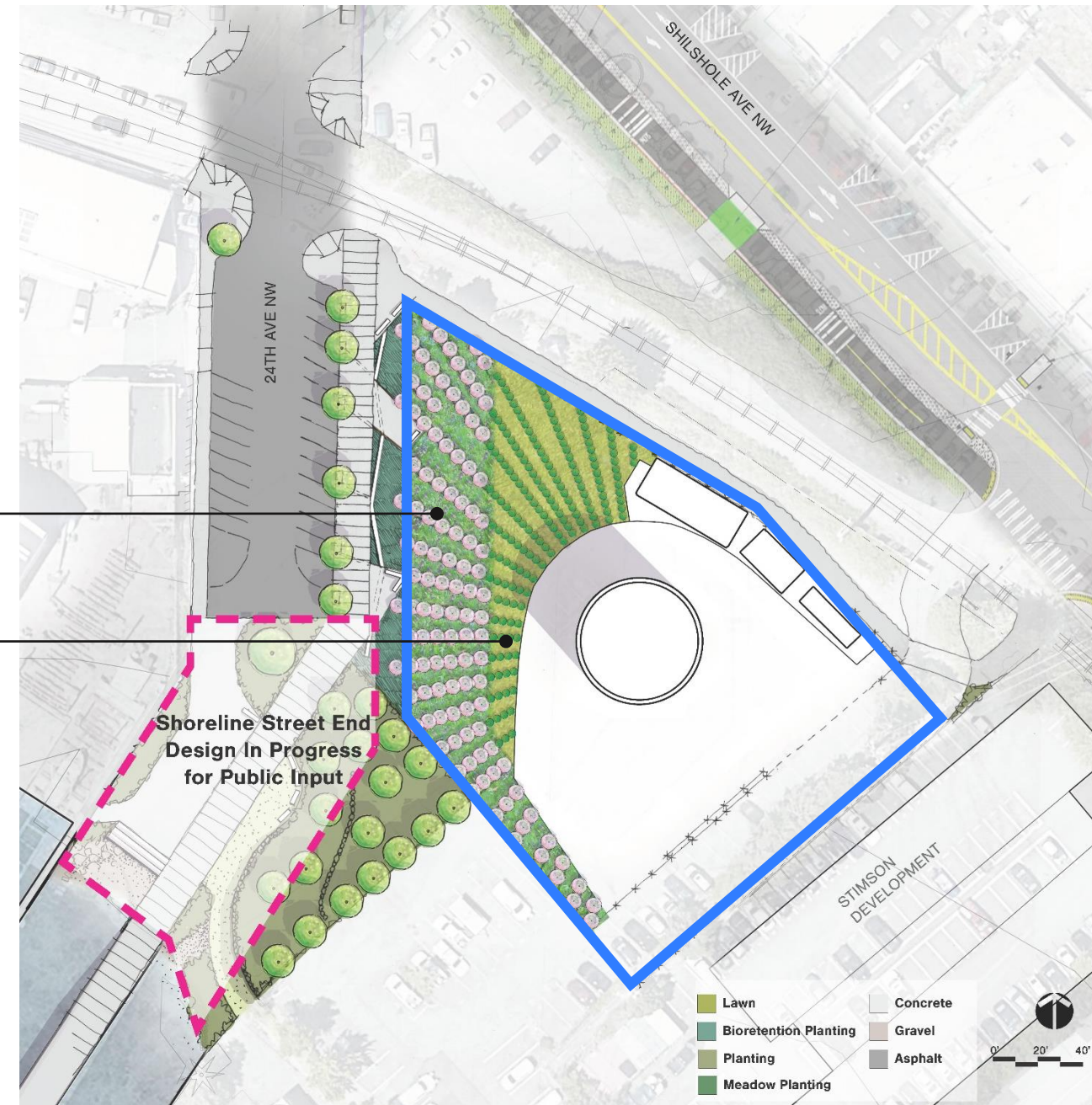
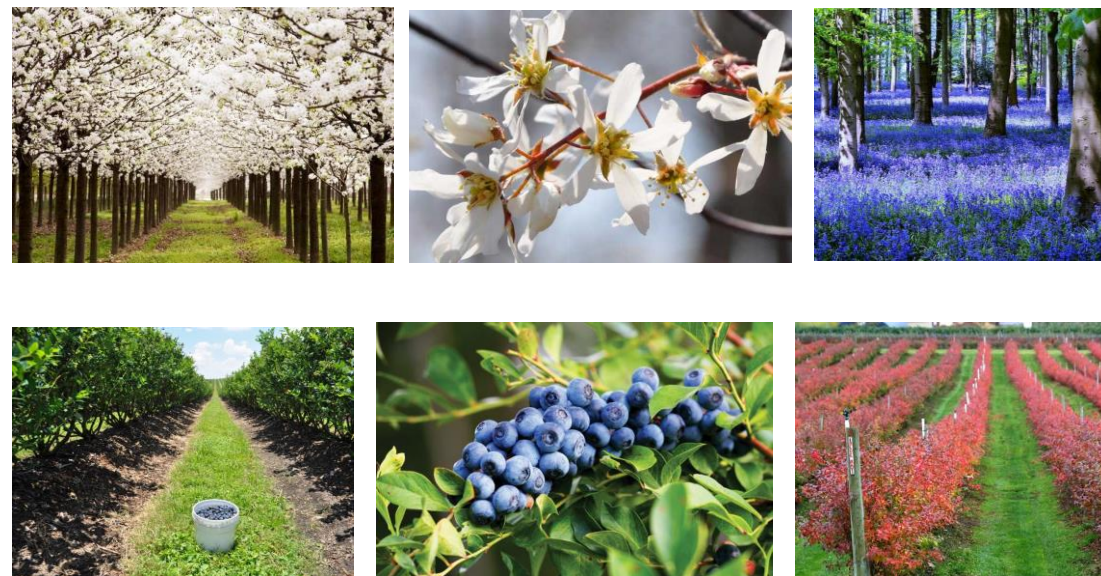


SITE PLAN

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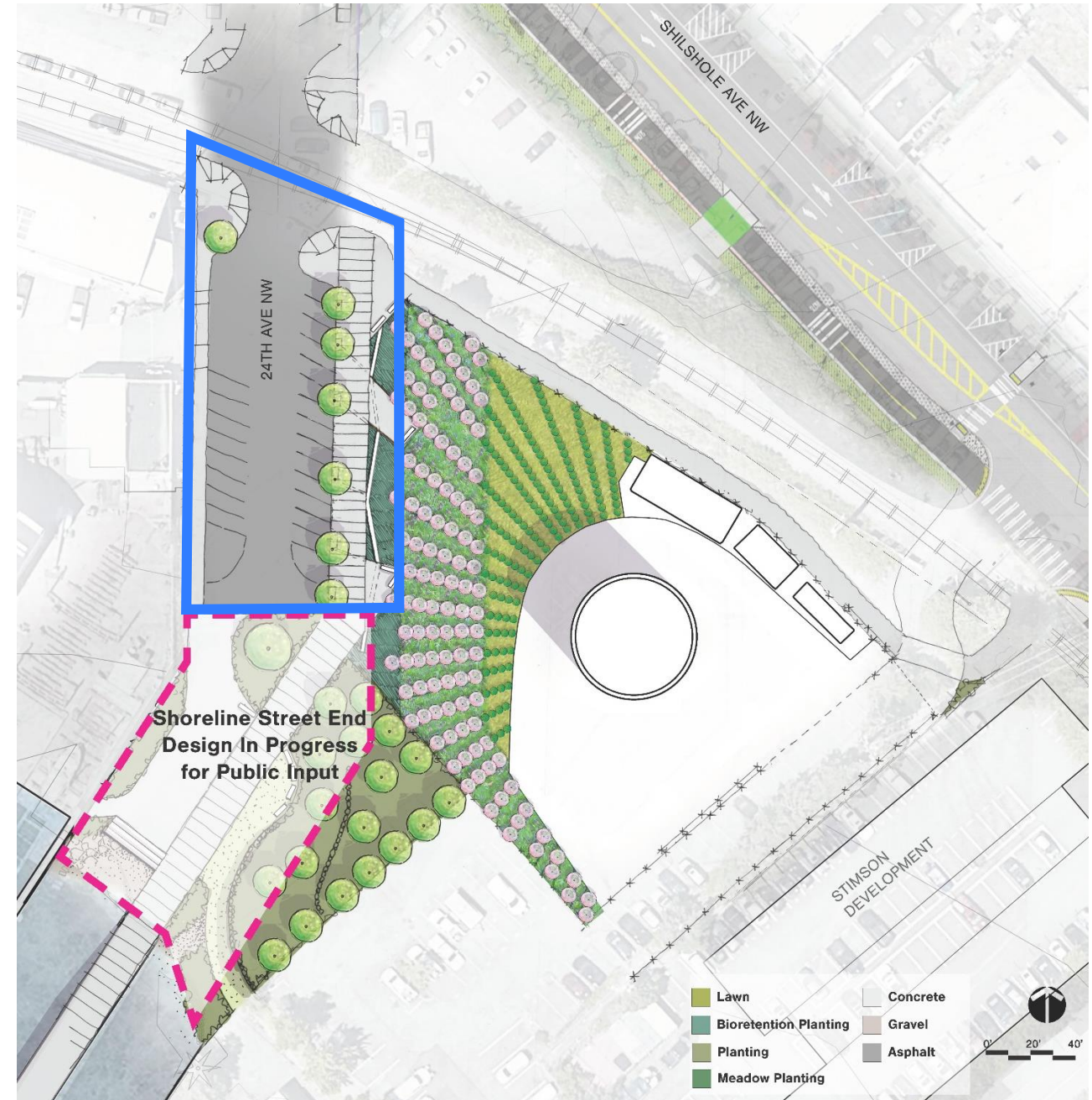
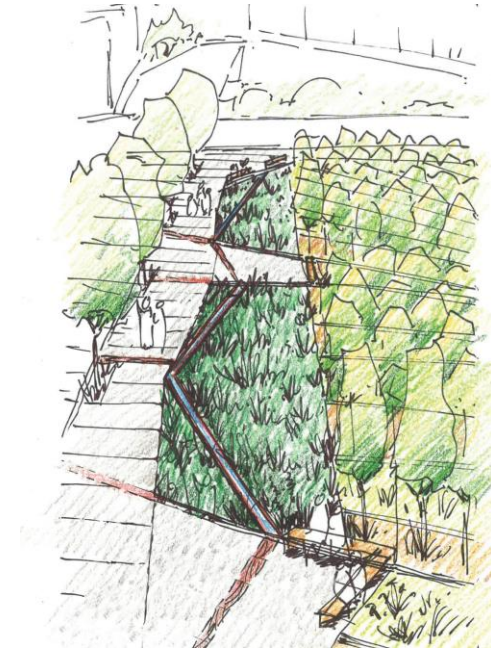
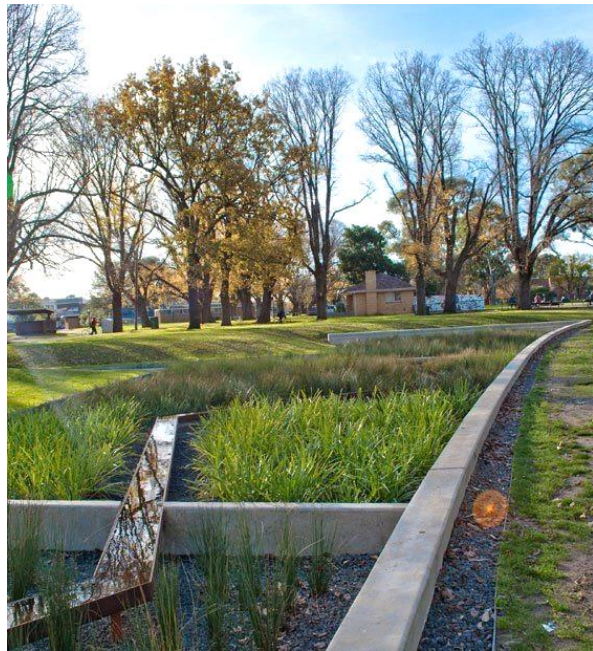


SITE PLAN - YARD

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SITE PLAN - 24TH

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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



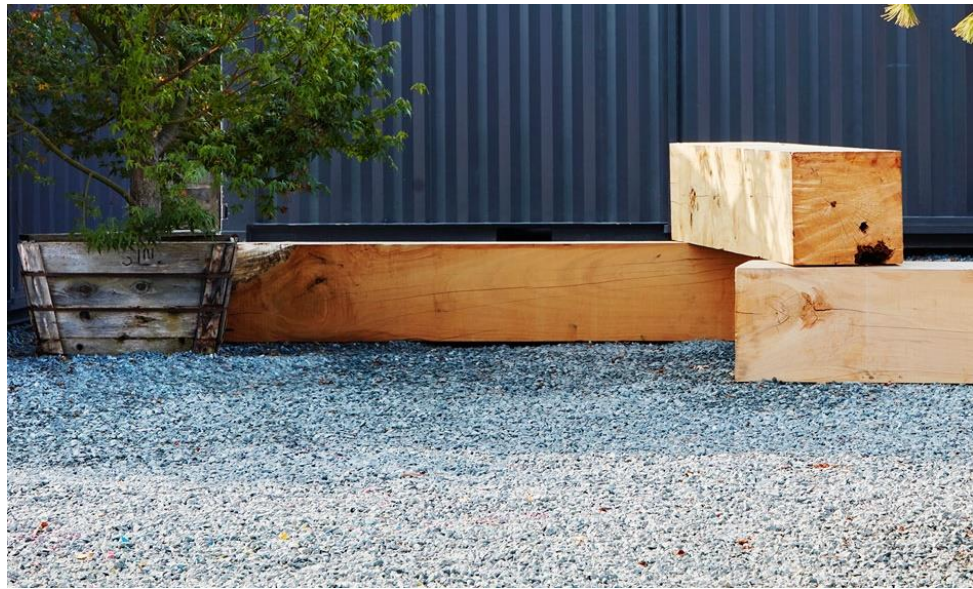
Erie Street Plaza – Milwaukee, WI

STREET END - PRECEDENTS

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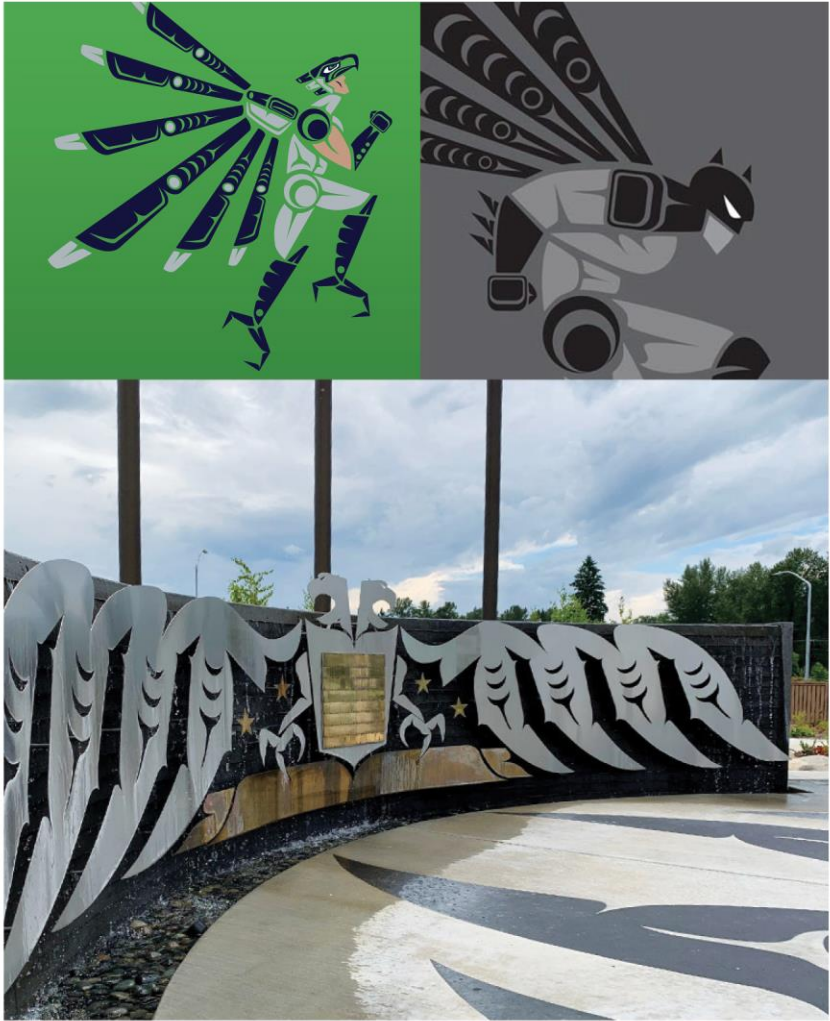
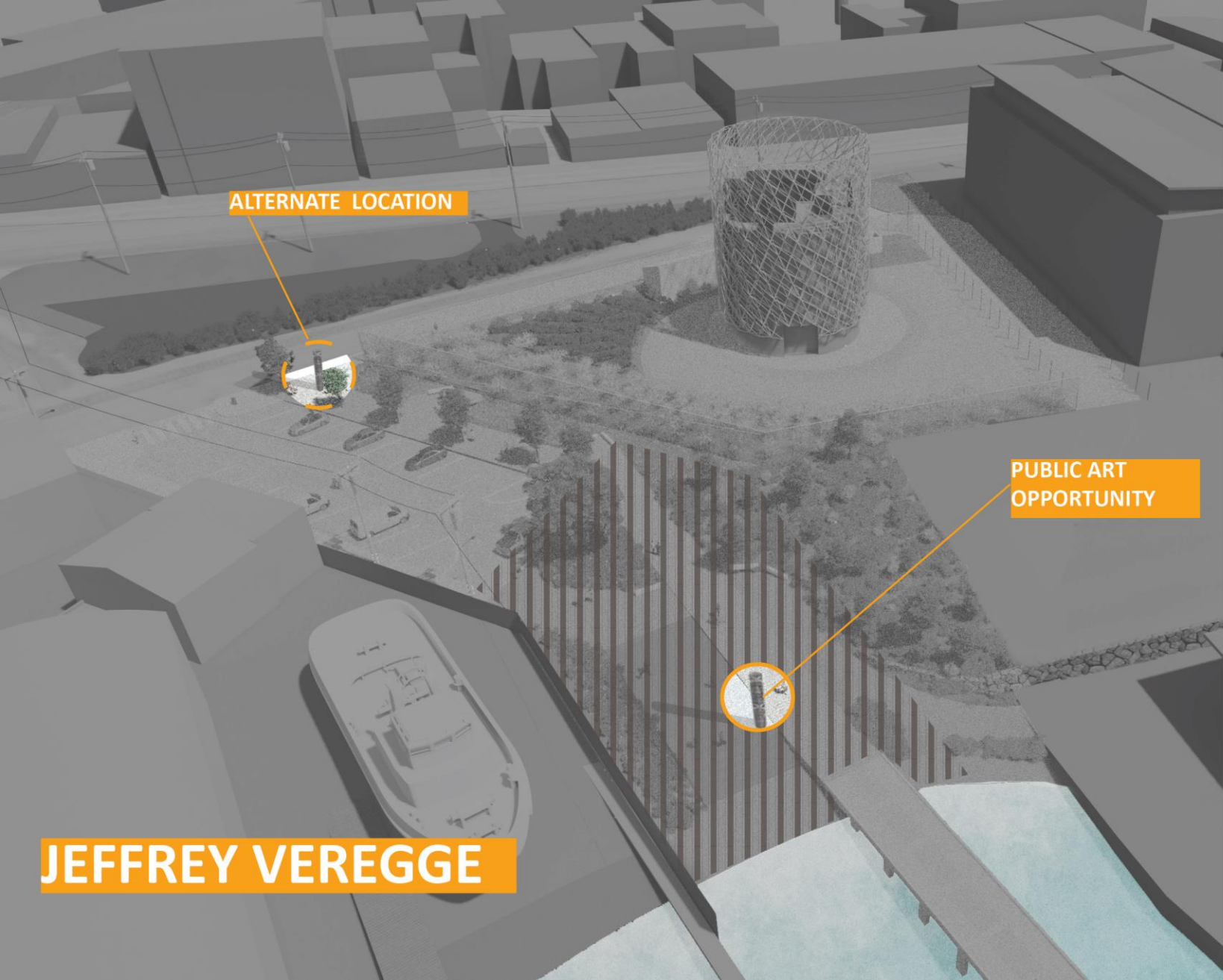
Working Yard Planting
Example plants: serviceberry, blueberry, camas



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



Working Phytoremediation Planting
Example plants: poplar, sorghum, willow

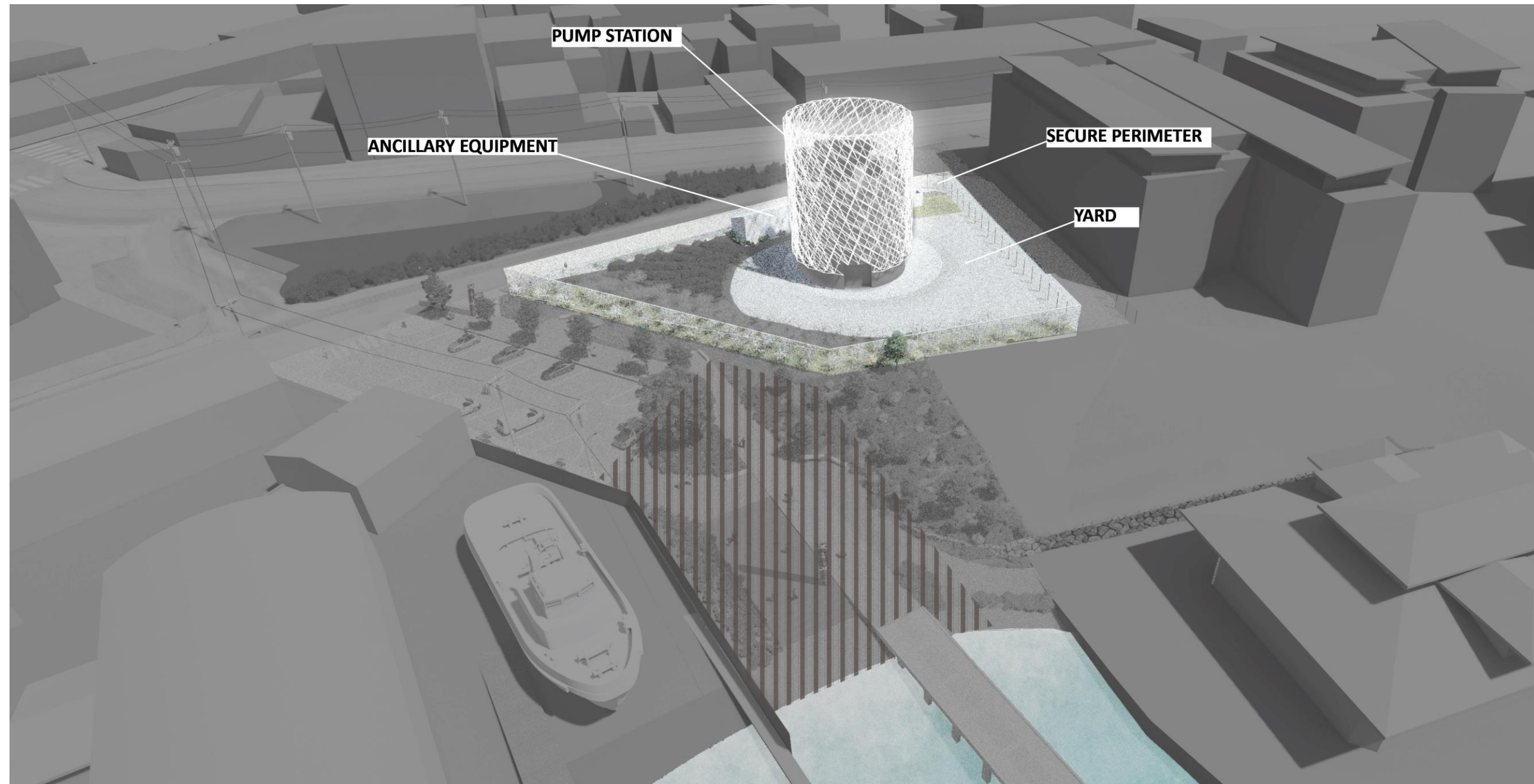


PUBLIC ART OPPORTUNITY

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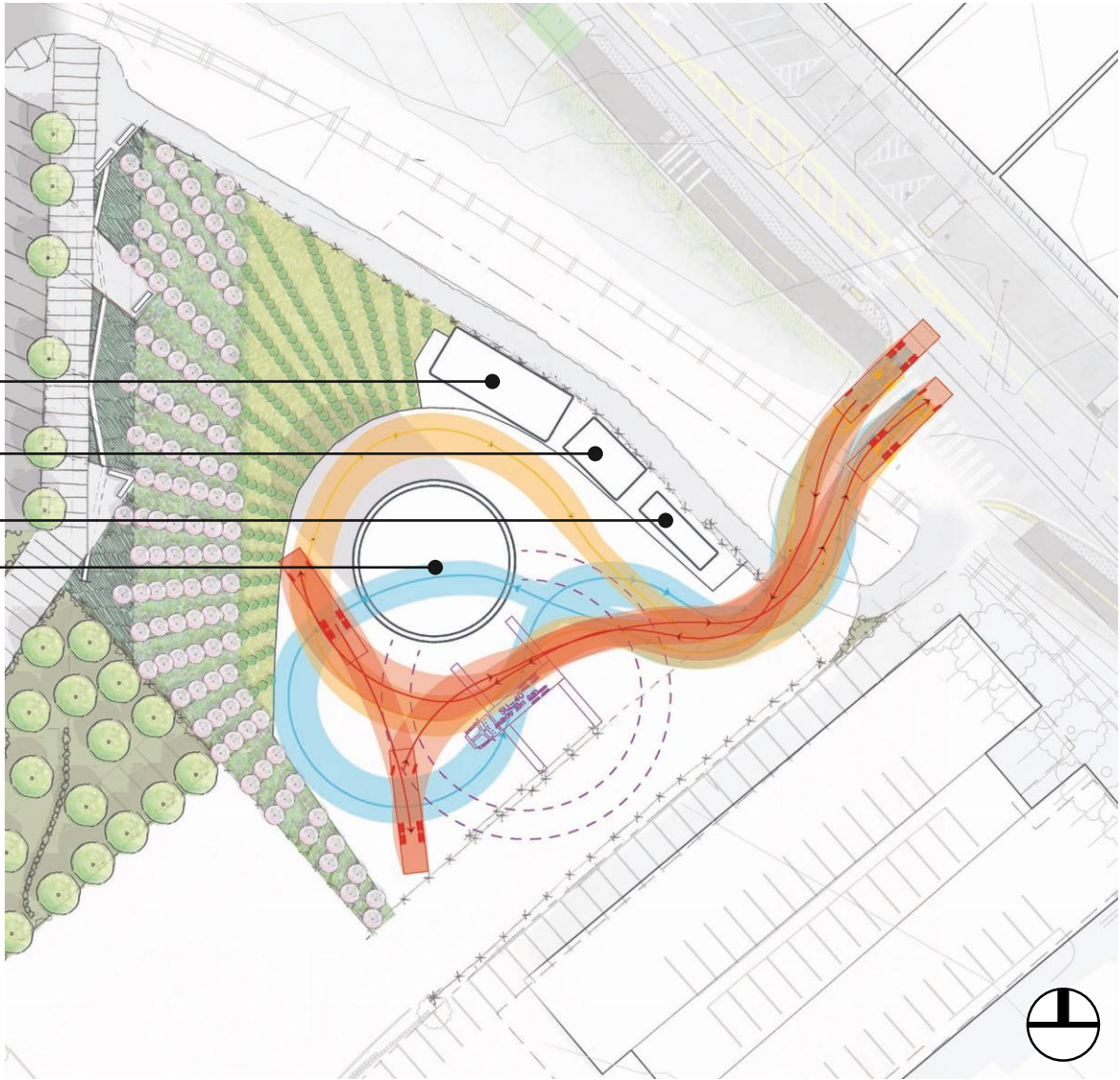
ARCHITECTURAL ELEMENTS

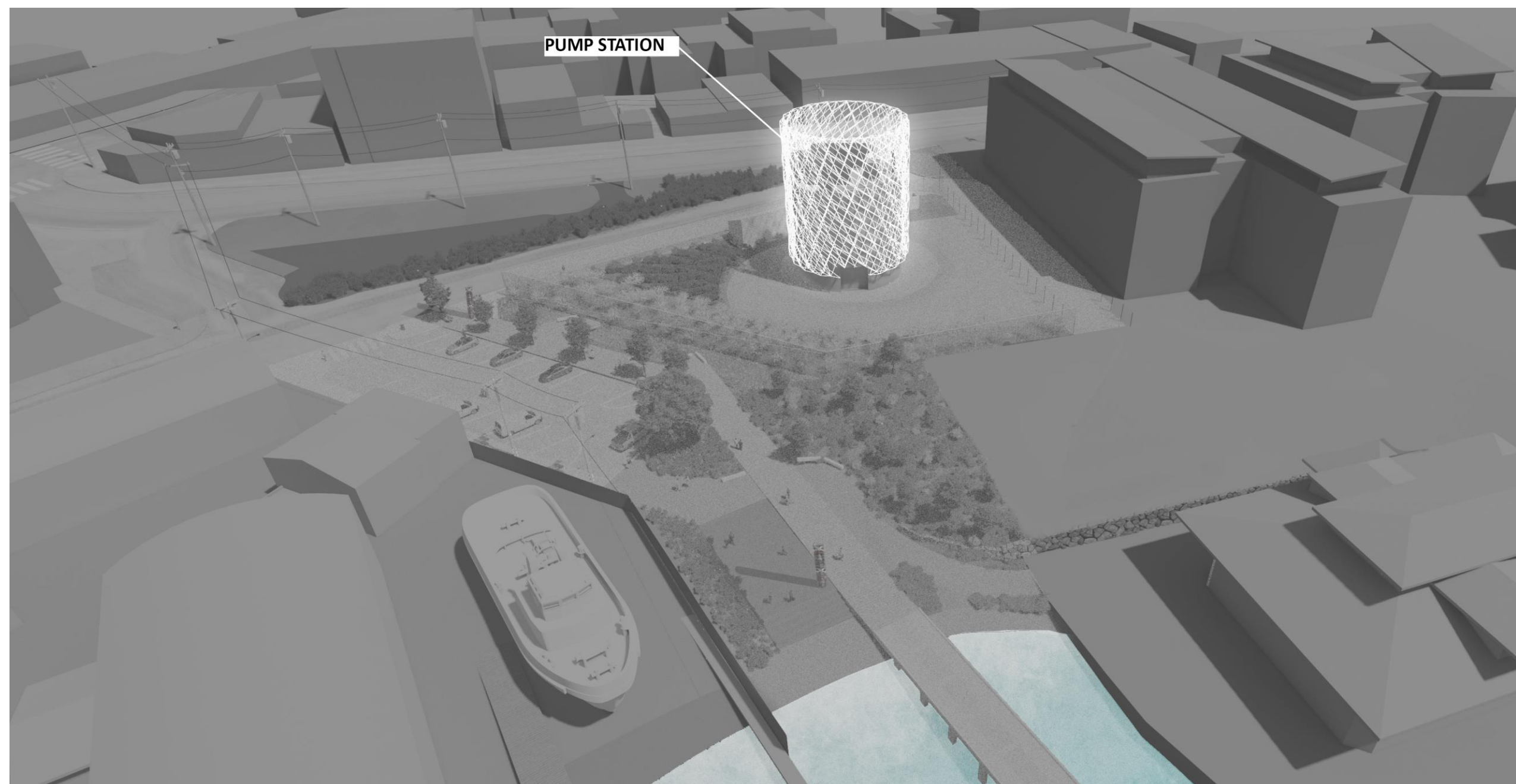
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Electrical Equipment
Transformer
Generator
Pump Station



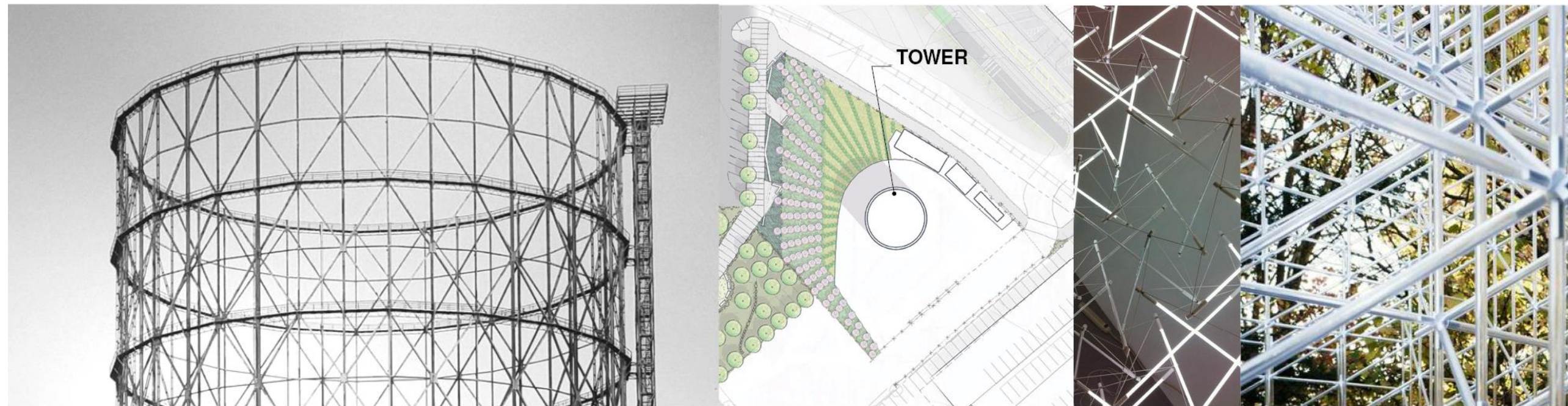


ARCHITECTURAL ELEMENTS- PUMP STATION

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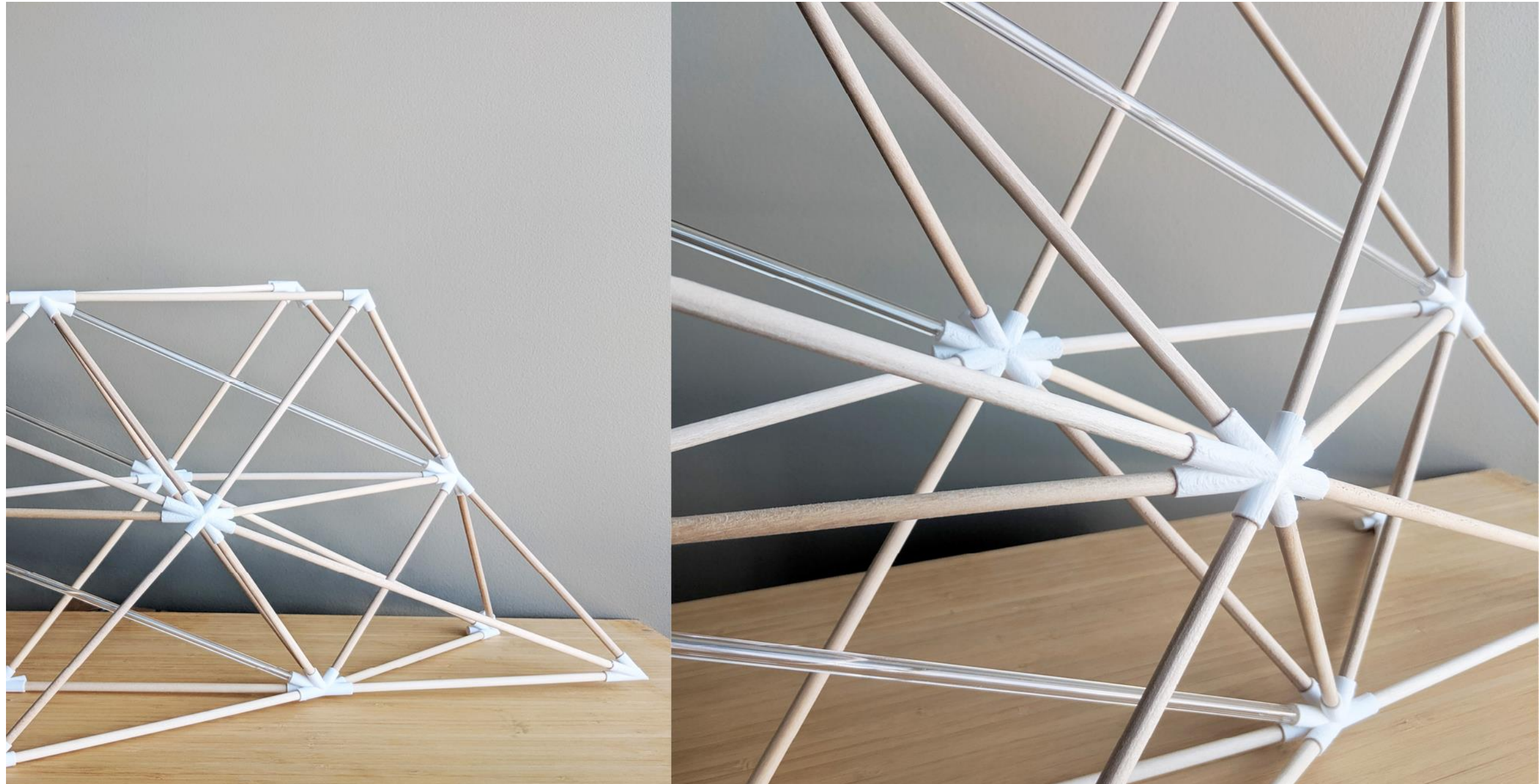


ARCHITECTURAL ELEMENTS - PUMP STATION

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ARCHITECTURAL ELEMENTS - PUMP STATION

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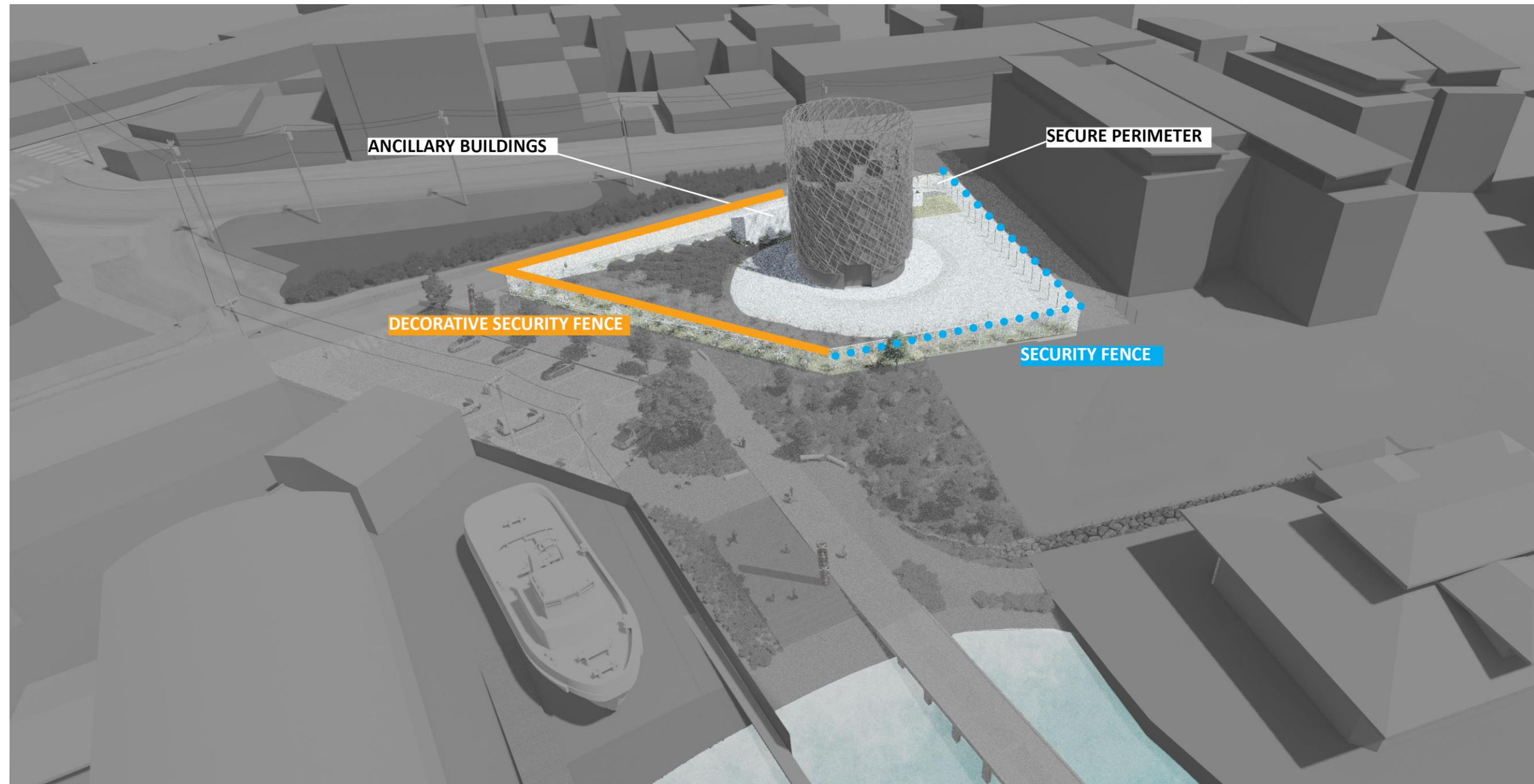


ARCHITECTURAL ELEMENTS - PUMP STATION

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ARCHITECTURAL ELEMENTS - FENCE

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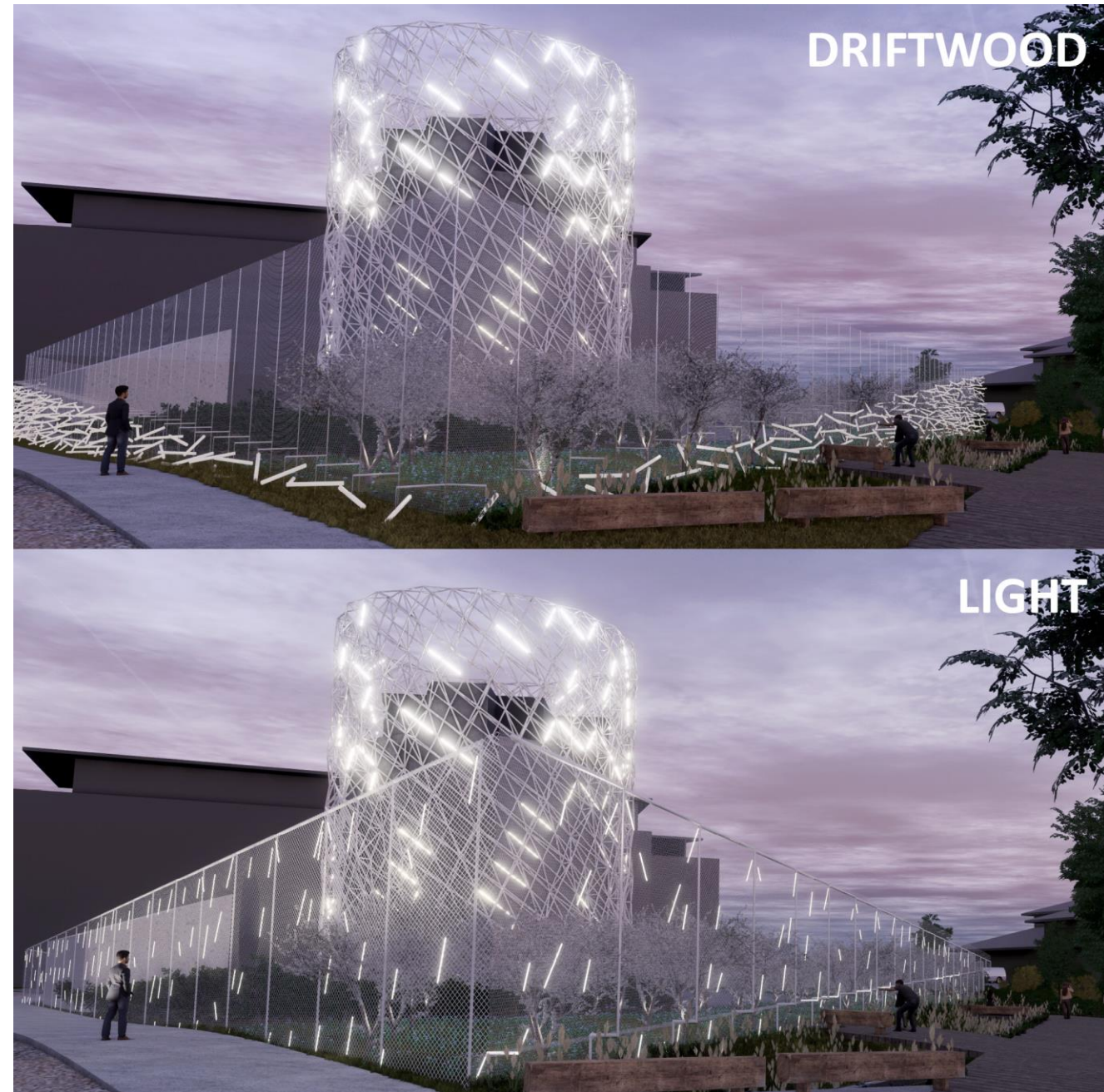


ARCHITECTURAL ELEMENTS - FENCE

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THANK YOU

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Contact Kelsey Hinsperger Kelsey.Hinsperger@seattle.gov

