

# SDOT & Throne Bathrooms

Presentation to the Pioneer Square Historic Preservation Board



# Presentation Outline

- Project Background
- Community Engagement
- Site Criteria & Selection
- Throne Wrap Design



# Project Origins

- Public restrooms have been a long-time community need
- Funded by the 2026 Seattle Transportation Levy, Downtown Activation Plan
- 1-year Pilot project
- King County, Sound Transit, & Pierce Transit are also piloting units



# Throne Overview

- [Meet Throne – YouTube](#)



# Throne Overview

- Fully functioning **toilet** with running water and **24/7 remote monitoring**
- **Free** to the public
- Exceed ICC A117.1 **ADA** requirements
- Maintained by a local **cleaning** crew approximately every 12 uses.
- Touchless, 21 sensors to **monitor** supply-, water-, and waste levels.
- 10-minute user **time limit**
- **Access** using a tap card, texting a phone number, or scanning a QR code
- **Anti-graffiti** coating on the interior and exterior
- **Solar power** w/plug-in option



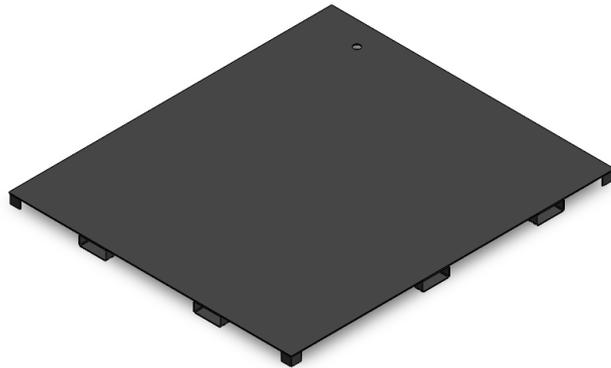
# Interior

- **ADA** interior design
- Wallpaper "**stickers**" easily covers graffiti
- Anti-graffiti and anti-shatter **mirror cover** that protects from vandalism
- **No-touch** features including the toilet and sink
- **Baby-changing** table
- **Grab bars** that support all user types
- Mechanical **ventilation** and sensors tracking air quality

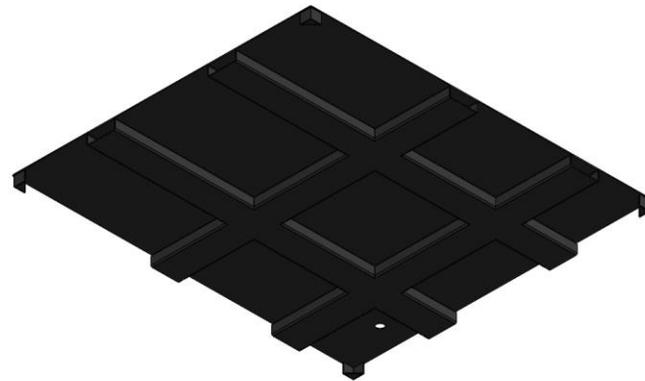


# Footprint

- Installed via a **forklift**
- Base of the unit is a **metal platform**
- Metal standing platform and ramp installed after placement of the Throne
- **Shims** can be used on site for small irregularities on the ground



Base of the unit



Legs attached to base



# Exterior

- Throne has a **semi-custom** wrap option to create an exterior that blends with the community
- Wrap options will come later in this presentation

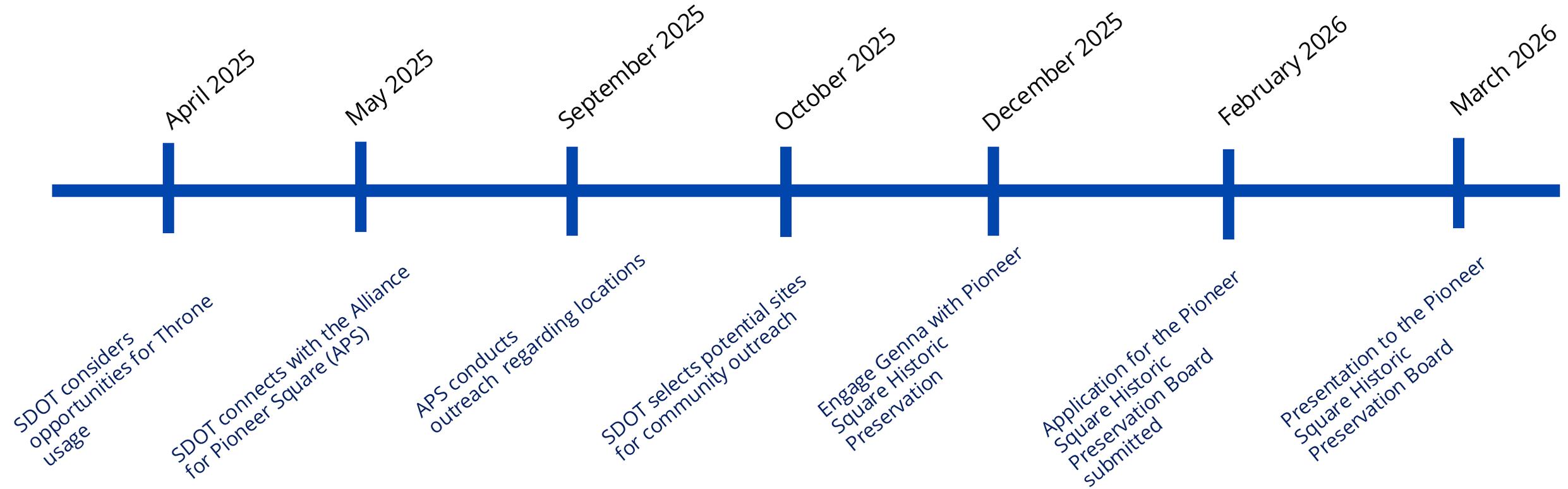


Proposed front of Throne

# Community Engagement



# Timeline of Engagement



# Community Outreach Process

Conducted by the Alliance for Pioneer Square

Community Groups / Businesses Collaboration:

- Circle the Square
- Pioneer Square Resident's Council
- Occidental Promenade Stakeholder Group
- Local business owners
- First & Goal / Seahawks
- T-Mobile Park / Mariners



# Site Criteria & Selection



# Site Selection Criteria

1. **Located in the Right-of-Way**  
On the sidewalk, street, or other parcels of property owned and/or managed by SDOT
2. **Easily accessible to a maintenance vehicle**  
A large truck should be able to park within 30ft of the bathroom.  
Avoid areaways for maintenance and placement
3. **In an area with high solar exposure**  
Thrones should not be placed under trees, on the south-side of buildings, or under overpasses, awnings, or other architectural features
4. **Fill a gap in services**  
Locations that could be most impactful
5. **ADA accessibility and room for queuing**  
Sidewalks leading to the bathrooms should be flat and have the necessary curb cuts for wheelchair access. Neither the units or the queuing areas should block businesses



# Throne Sites

1. 1<sup>st</sup> Ave S & S Charles St
2. 2<sup>nd</sup> Ave S & S Washington St



# 1<sup>st</sup> Ave S & S Charles St



**Existing Conditions**

# 1<sup>st</sup> Ave S & S Charles St

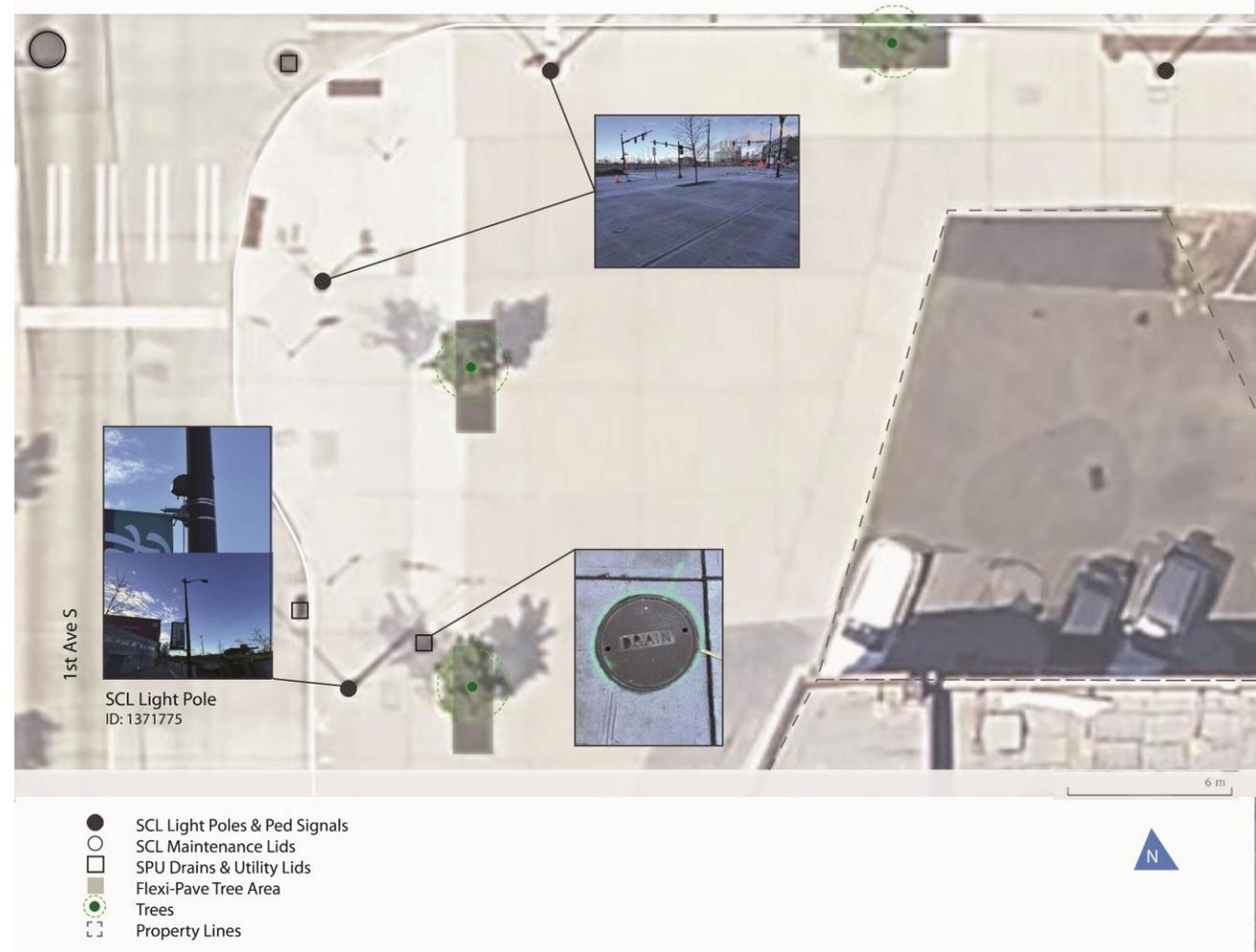
## Existing Infrastructure

### Electrical Utilities (SCL)

- SCL Light Pole within 15 ft for power access
- All other SCL infrastructure are unimpacted

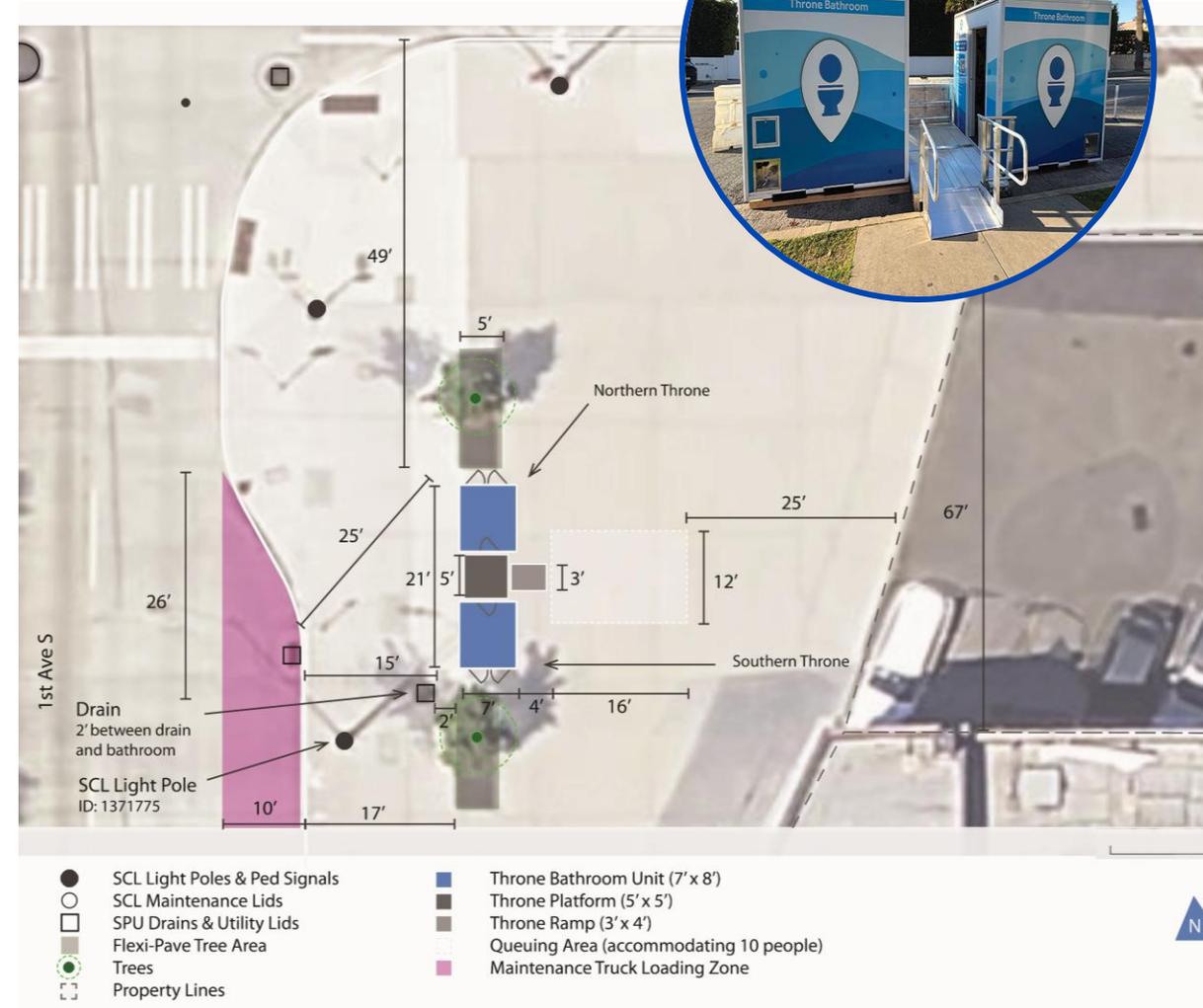
### Water Utilities (SPU)

- Drains not impacted



# 1<sup>st</sup> Ave S & S Charles St

Criteria	Y/N	Details
In the Right-of-Way	Yes	SDOT owns the entire area in blue
Maintenance Access	Yes	Along 1st Ave S in the parking lane
Solar Exposure	Mostly	Some small trees on site
Area of Need	Yes	No public bathrooms in a ½ mile radius
ADA Access & Queuing	Yes	Area exceeds queuing area requirements. And this site is the ADA drop-off area for sporting events

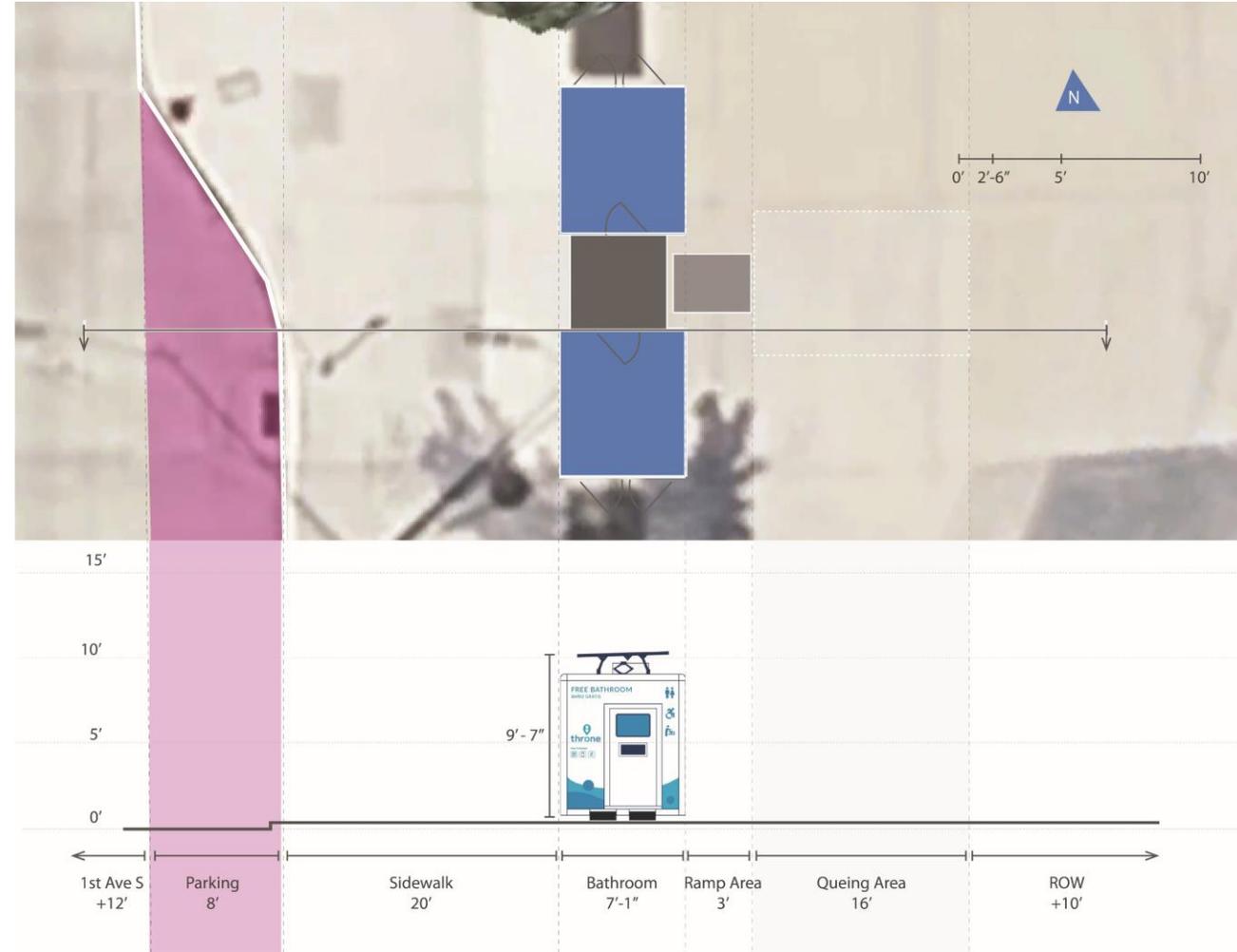


# 1<sup>st</sup> Ave S & S Charles St

## Section: Elevation Changes on Site

### Elevation considerations

- Little elevation changes across the site
- NE corner of the site abutting S Charles St does have a slight grade against the sidewalk (not pictured). Due to this, the bathrooms are situation on the western portion of the site



# 1<sup>st</sup> Ave S & S Charles St



# 1<sup>st</sup> Ave S & S Charles St



# Throne Sites

1. 1<sup>st</sup> Ave S & S Charles St
2. **2<sup>nd</sup> Ave S & S Washington St**



# 2<sup>nd</sup> Ave S & S Washington St



**Existing Conditions**

# 2<sup>nd</sup> Ave & S Washington St

## Utilities on Site

### Electrical Utilities (SCL)

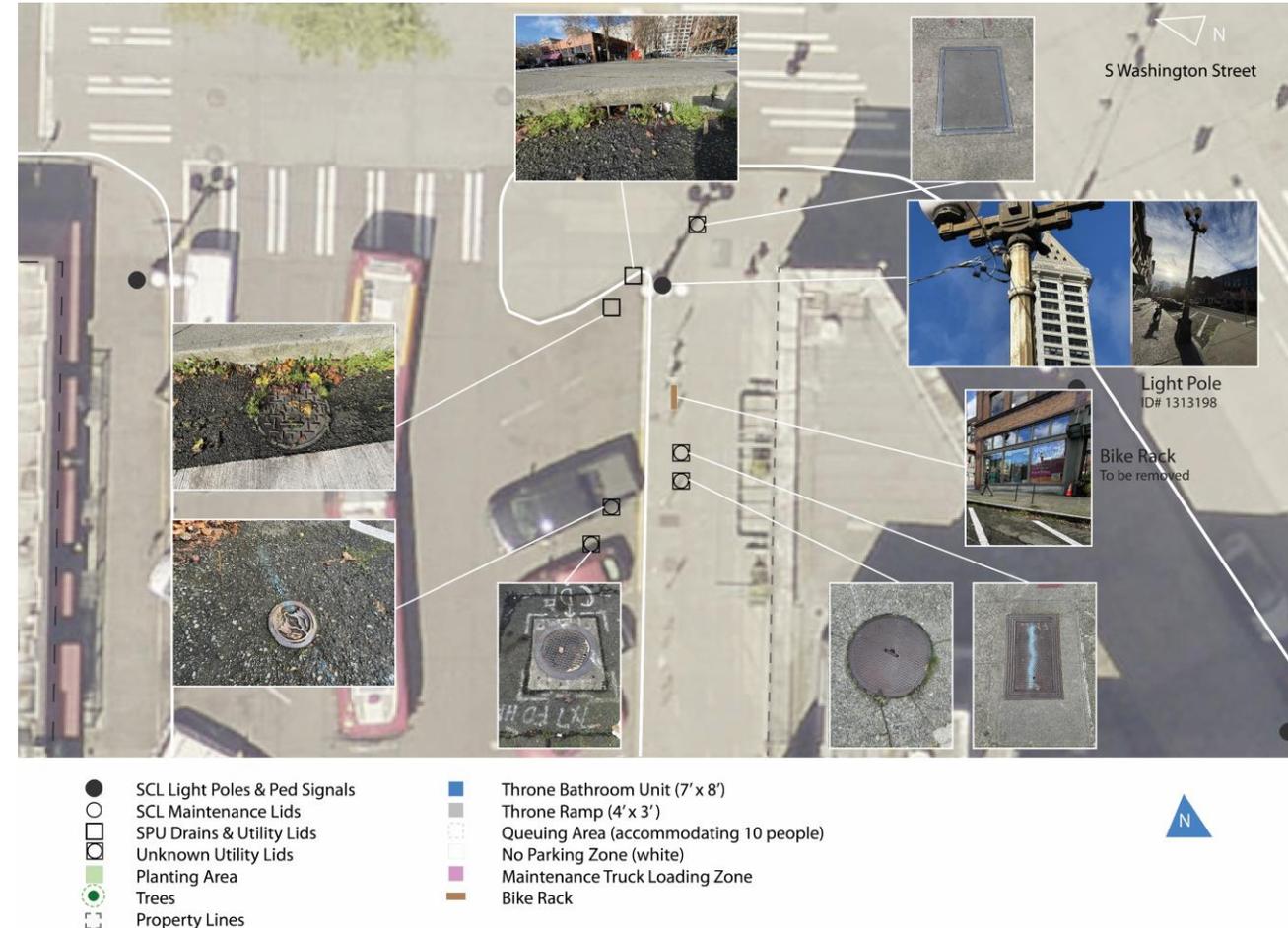
- SCL Light Pole within 8 ft for power access
- All other SCL infrastructure remains unimpacted

### Water Utilities (SPU)

- Drains not impacted by placement
- Queuing area does minorly impact SPU man covers

### Bike Rack (SDOT)

- Bike rack noted on plan will be removed prior to the installation of these units
- There are two additional bike racks located 20 ft south of this site
- Bike rack will be replaced after the bathroom is removed



# 2<sup>nd</sup> Ave & S Washington St

Criteria	Y/N	Details
In the Right-of-Way	Yes	"No Parking" zone
Maintenance Access	Yes	In parking area
Solar Exposure	Mostly	Building to the east
Area of Need	Yes	No public bathrooms in a ½ mile radius
ADA Access & Queuing	Yes	Sidewalk can manage a 5-person queue. Sidewalk is ADA accessible



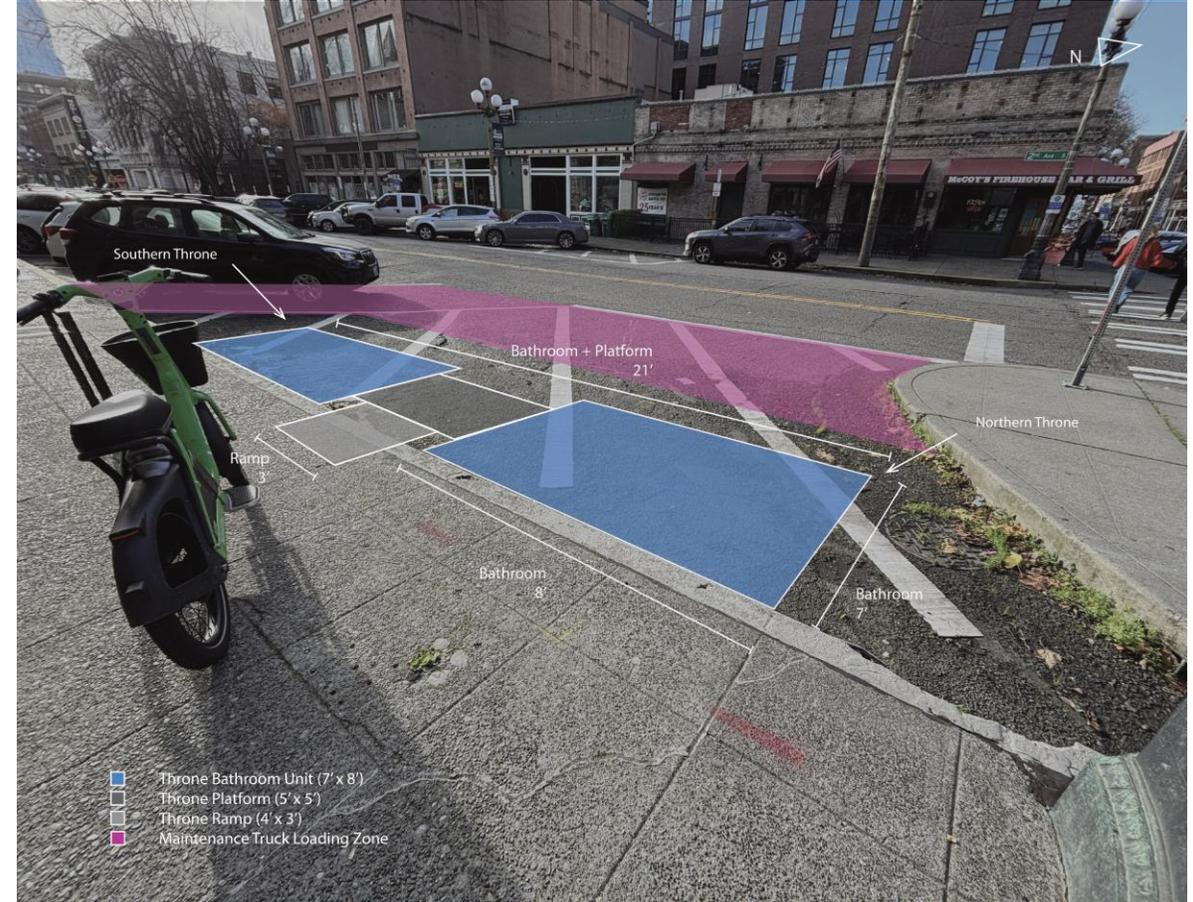
- SCL Light Poles & Ped Signals
- SCL Maintenance Lids
- SPU Drains & Utility Lids
- ◻ Unknown Utility Lids
- Planting Area
- Trees
- Property Lines
- Throne Bathroom Unit (7' x 8')
- Throne Platform (5' x 5')
- Throne Ramp (4' x 3')
- Queuing Area (accommodating 10 people)
- No Parking Zone (White)
- Maintenance Truck Loading Zone
- Bike Rack



# 2<sup>nd</sup> Ave & S Washington St



# 2<sup>nd</sup> Ave & S Washington St

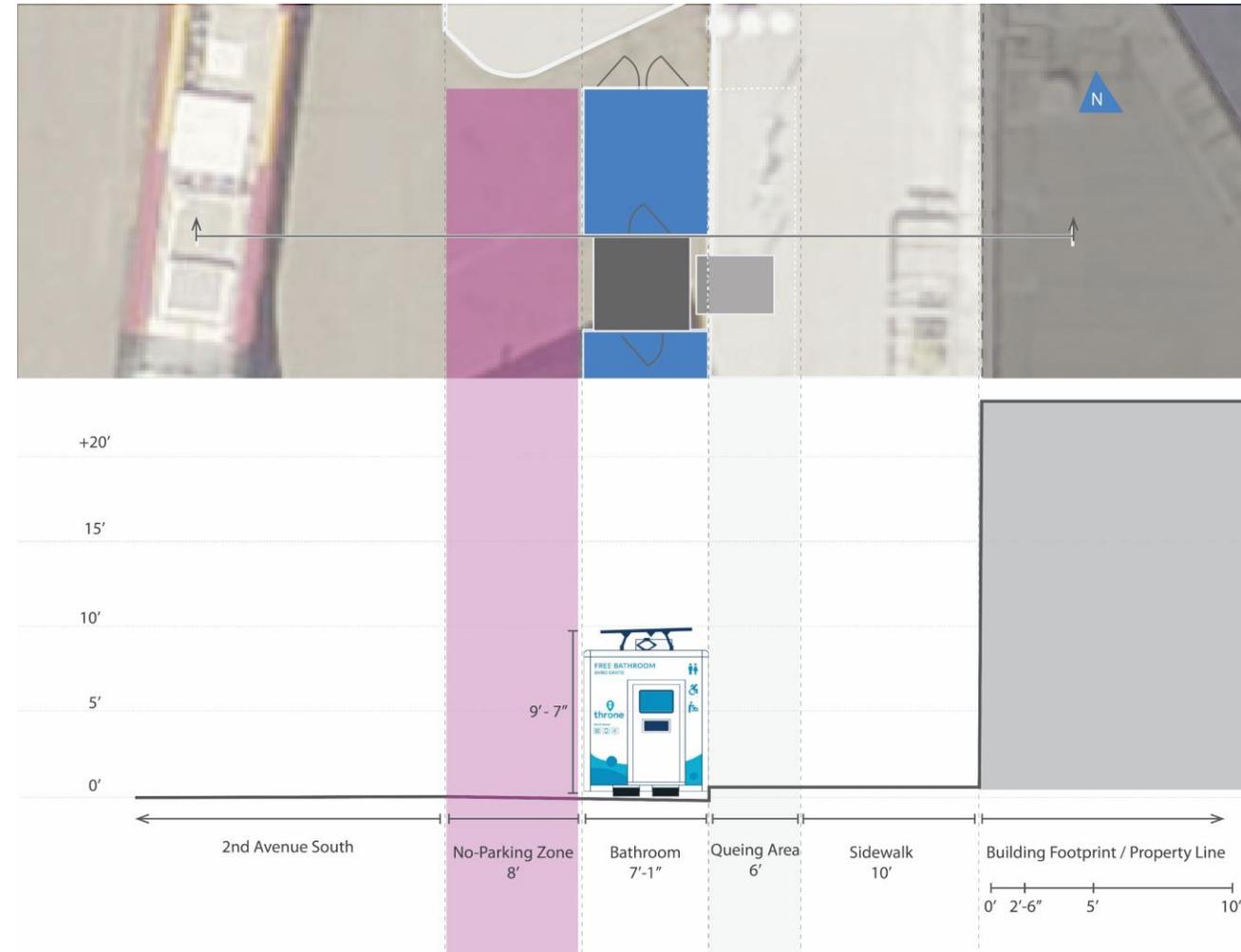


# 2<sup>nd</sup> Ave & S Washington St

## Section: Elevation Changes on Site

### Elevation considerations

- Significant curb height (8 inches), however this the opportunity for a shorter ramp (as there is less elevation change) to span the space between the curb and the platform
- Ramp length showed is the maximum size, likely the ramp would be shorter and impede less into the sidewalk



# Throne Wrap Design



# Option 1: Pergola & Trees





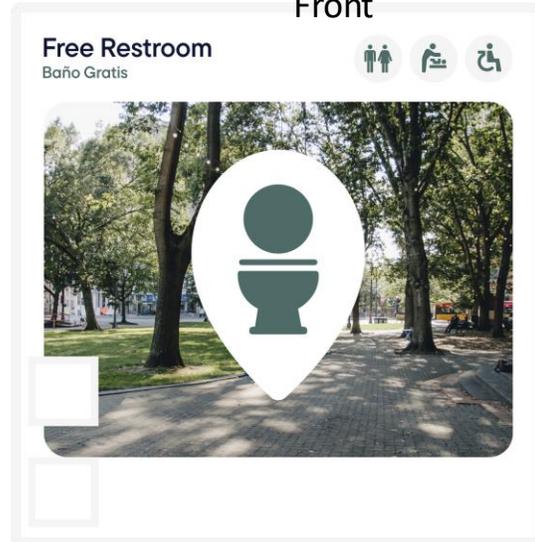
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# Option 1: Pergola & Trees



Bathroom  
Front



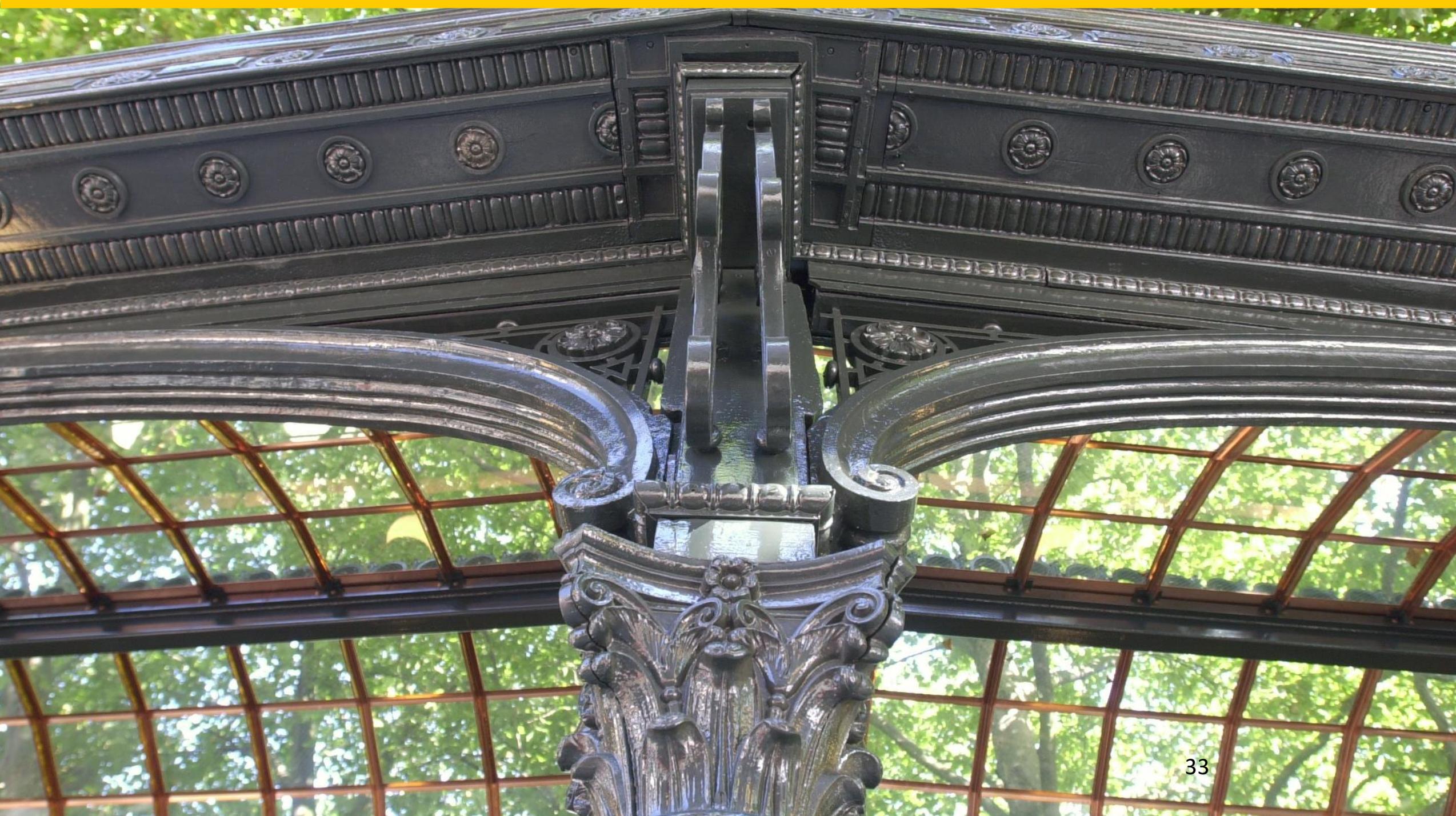
Bathroom Side



Perspective View

# Option 2: Pergola Detail

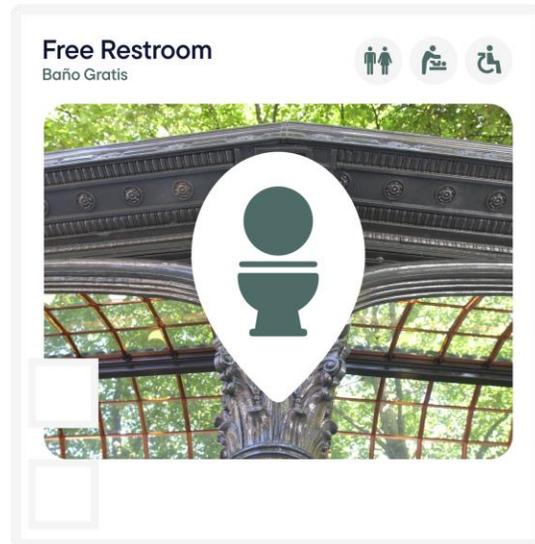




# Option 2: Pergola Detail



Bathroom Front



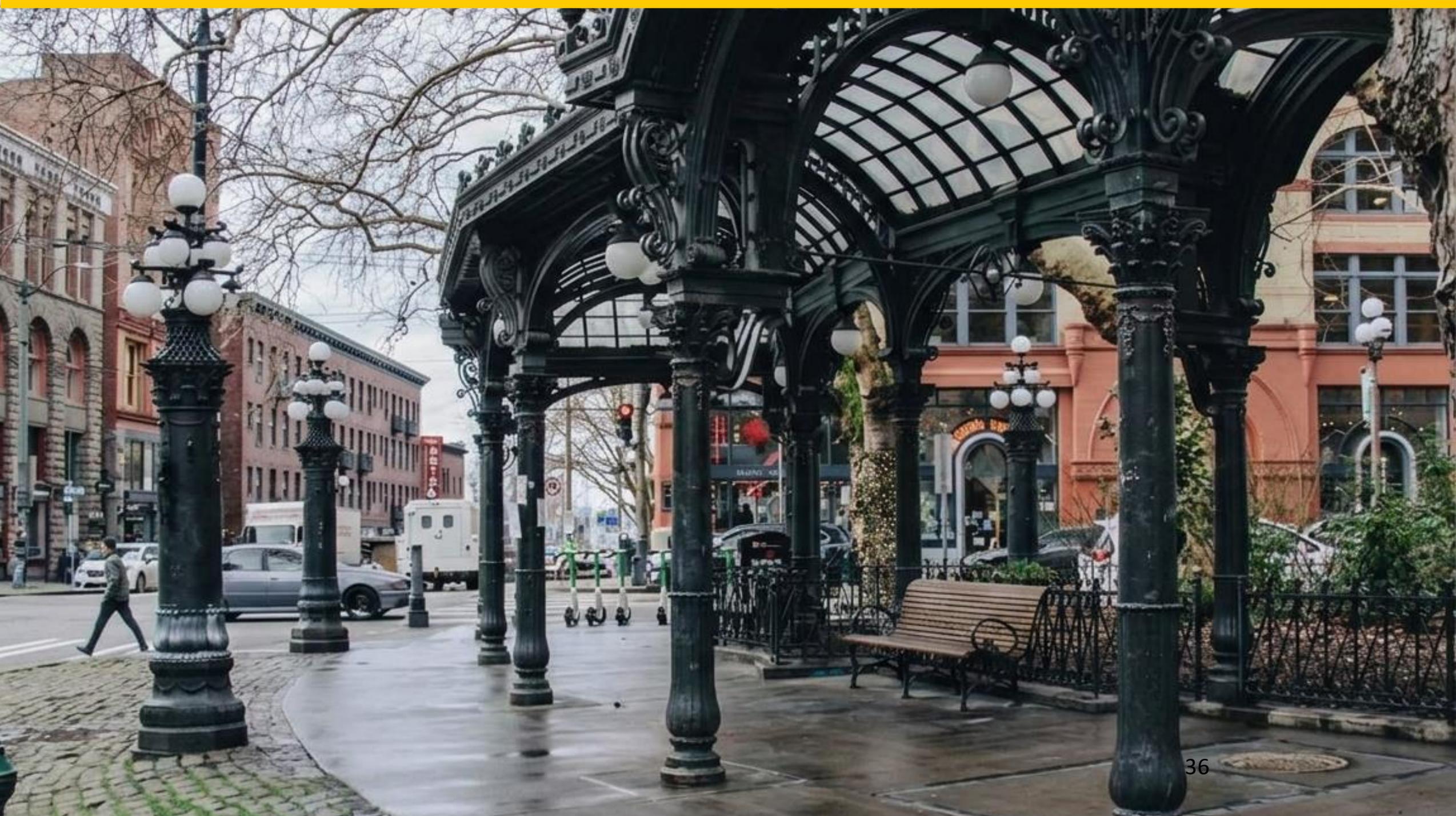
Bathroom Side



Perspective View

# Option 3: Pergola

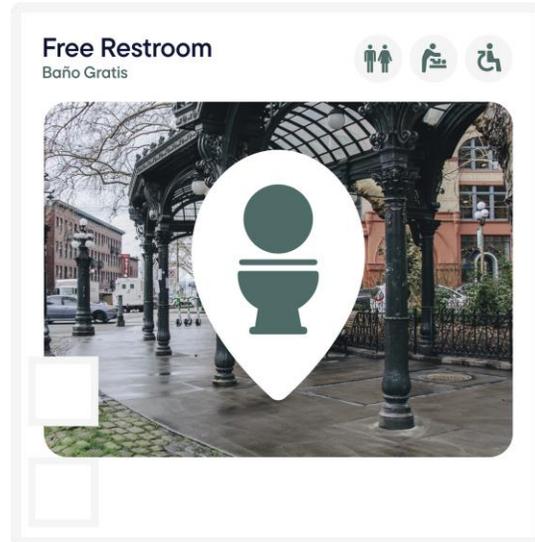




# Option 3: Pergola



Bathroom Front



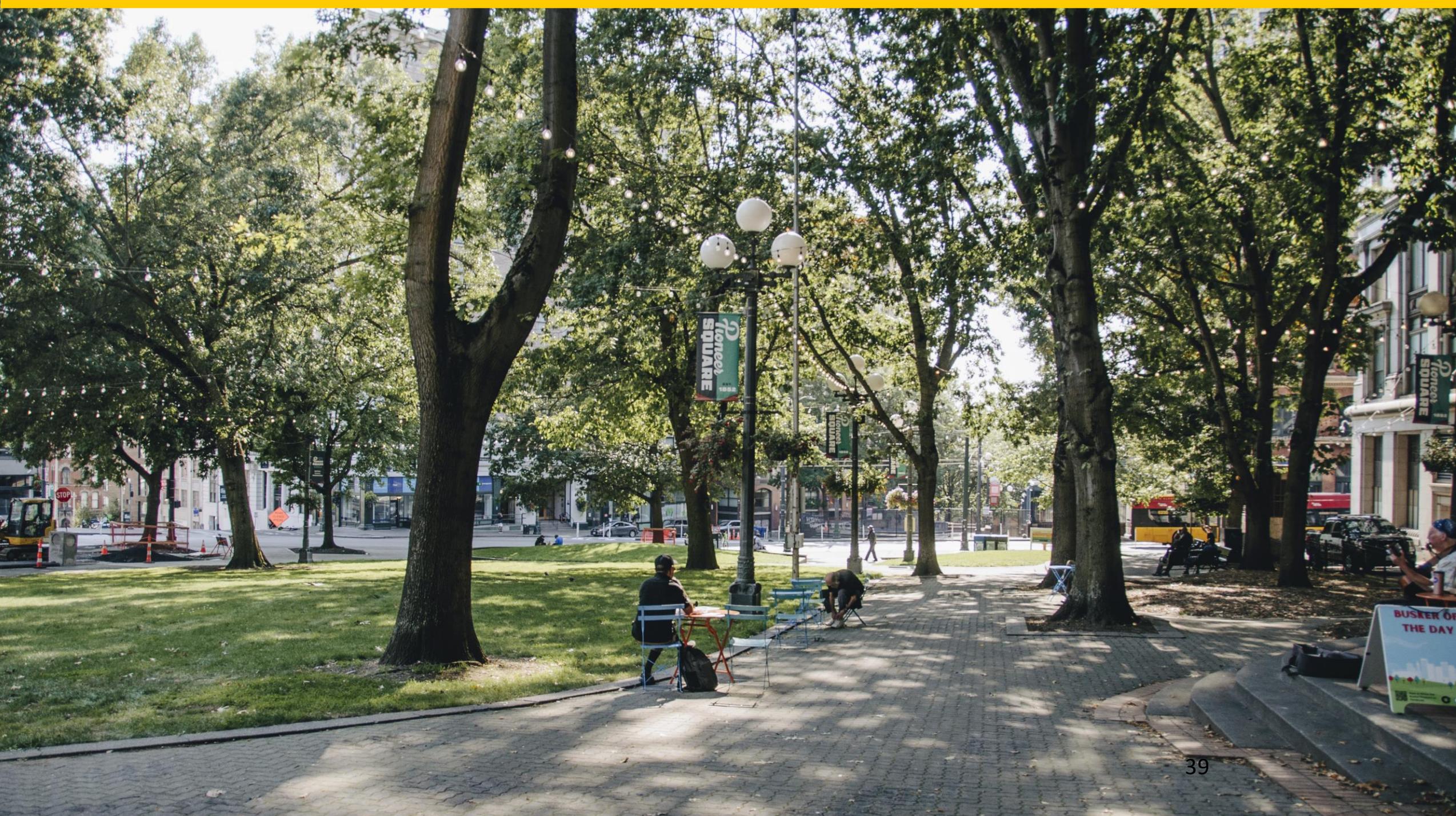
Bathroom Side



Perspective View

# Option 4: City Hall Park

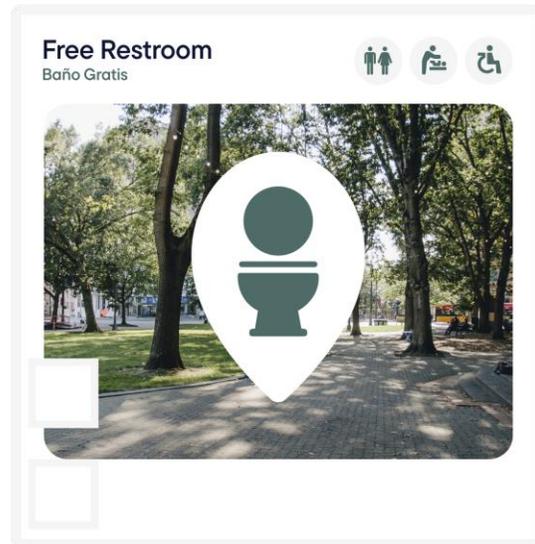




# Option 4: City Hall Park



Bathroom Front



Bathroom Side



Perspective View

# Option 5: View from the Beach

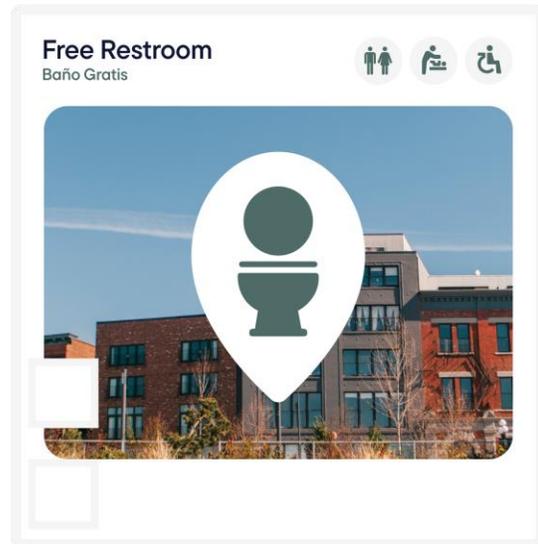




# Option 5: View from the Beach



Bathroom Front



Bathroom Side



Perspective View

# Option 6: Globe Lights





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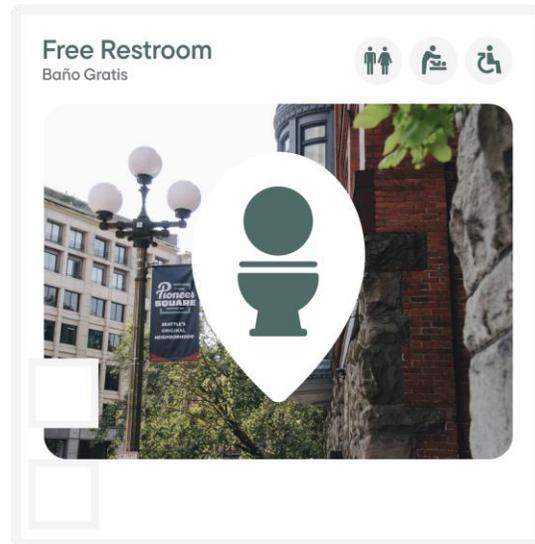
**Pioneer**  
EST. 1888  
**SQUARE**  
SEATTLE, WA

SEATTLE'S  
ORIGINAL  
NEIGHBORHOOD

# Option 5: Globe Light



Bathroom Front



Bathroom Side



Perspective View

# Throne Wrap Options



Option 1: Pergola and Trees



Option 2: Pergola Detail



Option 3: Pergola



Option 4: City Hall Park



Option 5: View from the Beach



Option 6: Globe Light 47

# Throne Wrap Options



**Option 1: Pergola and Trees**



**Option 2: Pergola Detail**



**Option 3: Pergola**



**Option 4: City Hall Park**

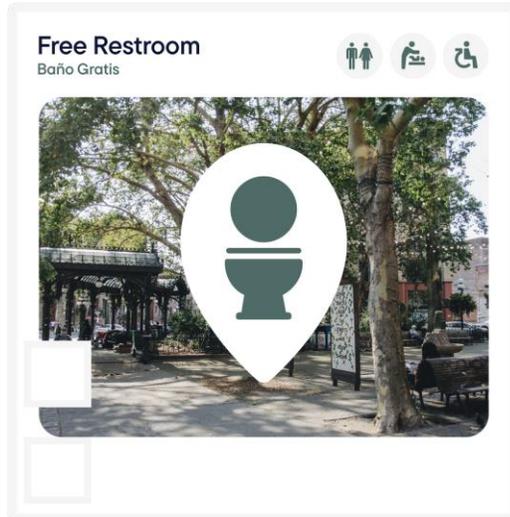


**Option 5: View from the Beach**

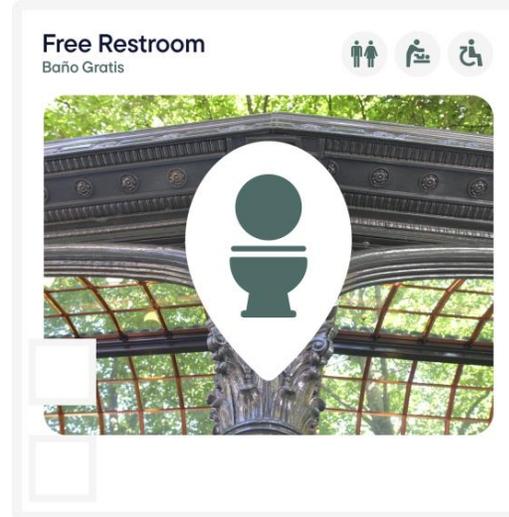


**Option 6: Globe Light**

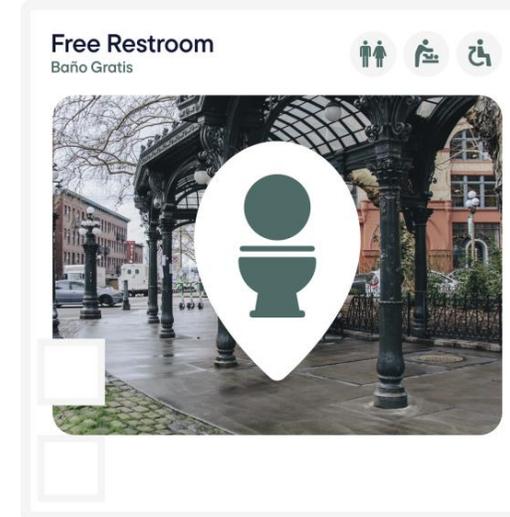
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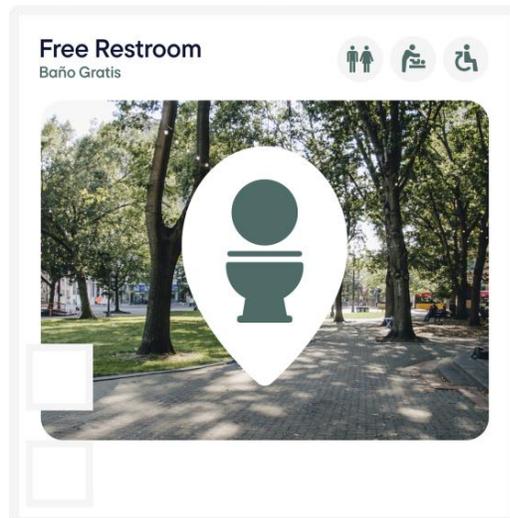
**Option 1: Pergola and Trees**



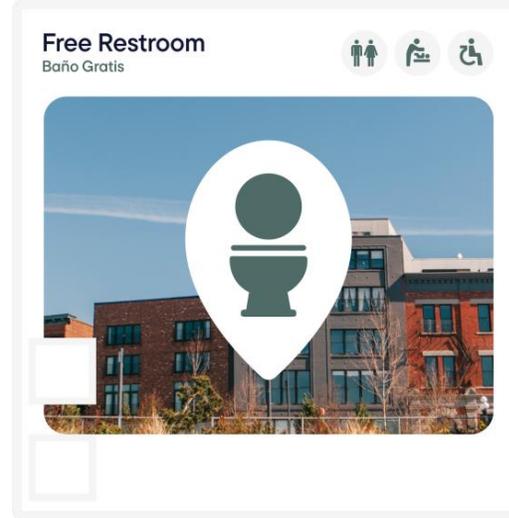
**Option 2: Pergola Detail**



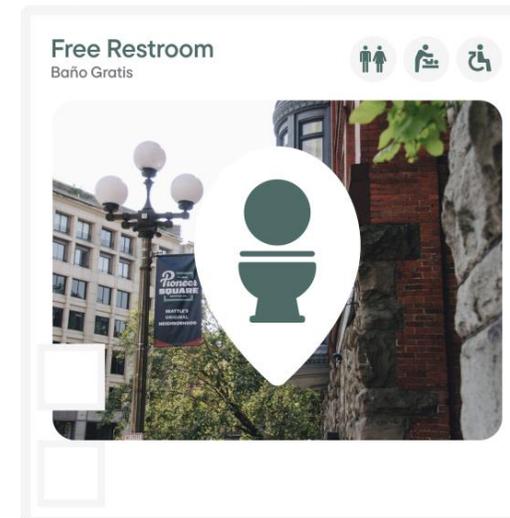
**Option 3: Pergola**



**Option 4: City Hall Park**



**Option 5: View from the Beach**



**Option 6: Globe Light**

# Throne Sites



# Discussion

- What are the Board's thoughts on the locations proposed?
- What wrap design does the Board prefer?



# Thank you