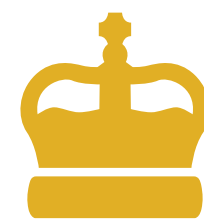




Permanent Free-Standing Toilet (PFT)

June 17, 2024



NEW WESTMINSTER

Introduction

The toilet was identified as one action out of a broader strategy to improve livability in the downtown (2021).

Challenges in finding a location that is technically feasible.

Purpose

The purpose of this presentation is to:

- present a location that has been identified as feasible for installation of the toilet. (Begbie Street- west side),
- to identify next steps to proceed with installation in this location.

Recommendation

THAT Council direct staff to proceed with the installation of a Permanent Free-Standing Toilet (PFT) as outlined in the Report.



Agenda

1. Project Background (Key Objectives and Project Timeline),
2. Recommended location – rationale, schematic design,
3. Next Steps to installation (anticipated timelines)
4. Project Budget Overview



Background

- Considered a Pilot Project, the PFT is one of many actions identified as part of 2021 strategy to improve livability in the Downtown,
- Originally planned for installation in Hyack Square, Hyack Square was deemed not technically feasible.

Operating Hours

- The operating hours are proposed to align with Park washrooms operating hours (generally sunrise to sunset) as the PFT model does not allow for an attendant.
- The cleaning and maintenance schedule will be developed by operational staff in parallel with the project delivery,
- Placement of 24/7 sanitation trailer in the downtown area for anyone who needs is currently underway and is anticipated to be operational in advance of installation of the PFT.

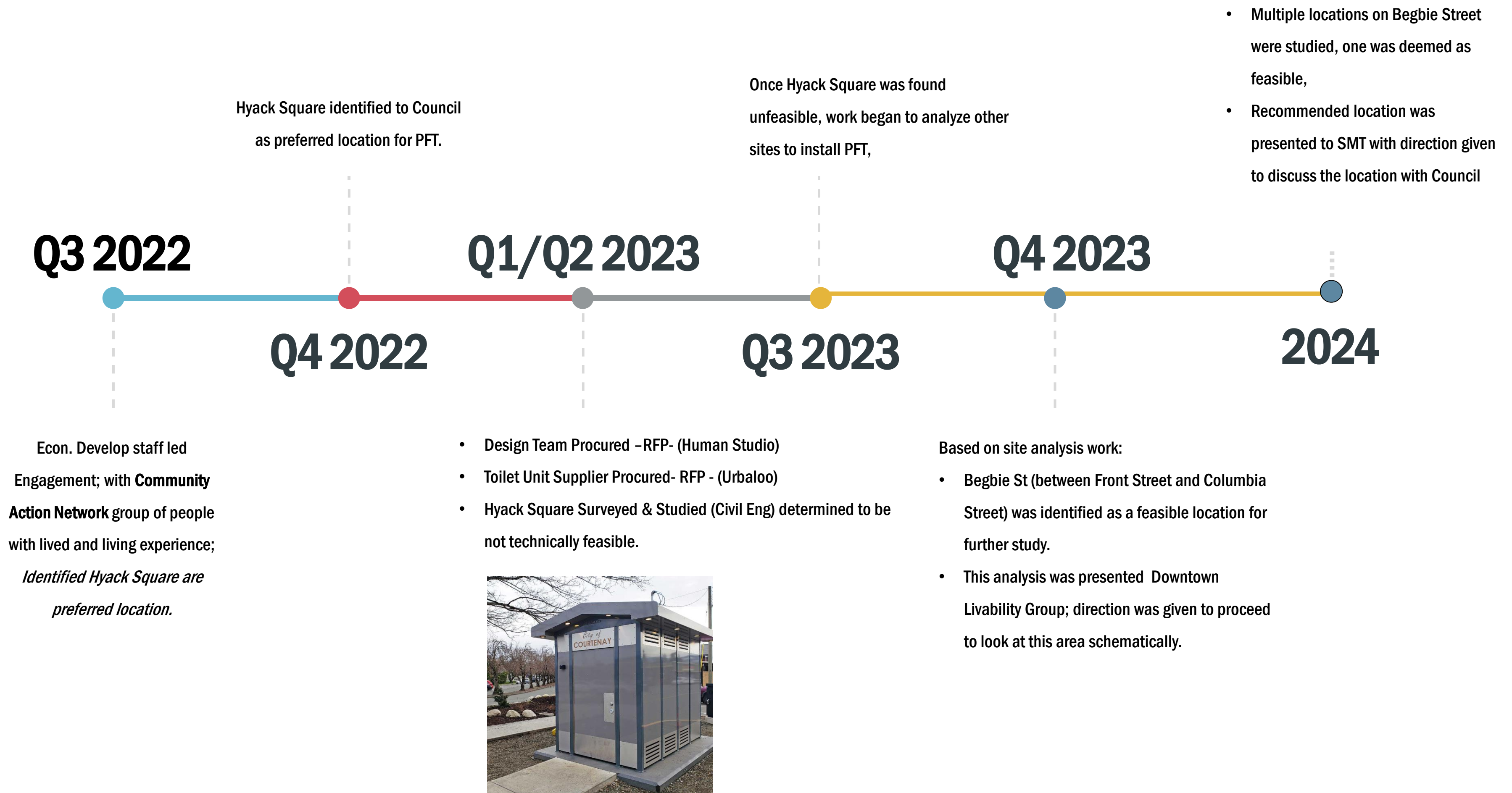
Key Objectives

Key objectives for the project include:

- Acknowledging the provision of toilets as a basic human right (including universal and barrier free access),
- to serve the whole community,
- to provide service that is clean, maintained and available.



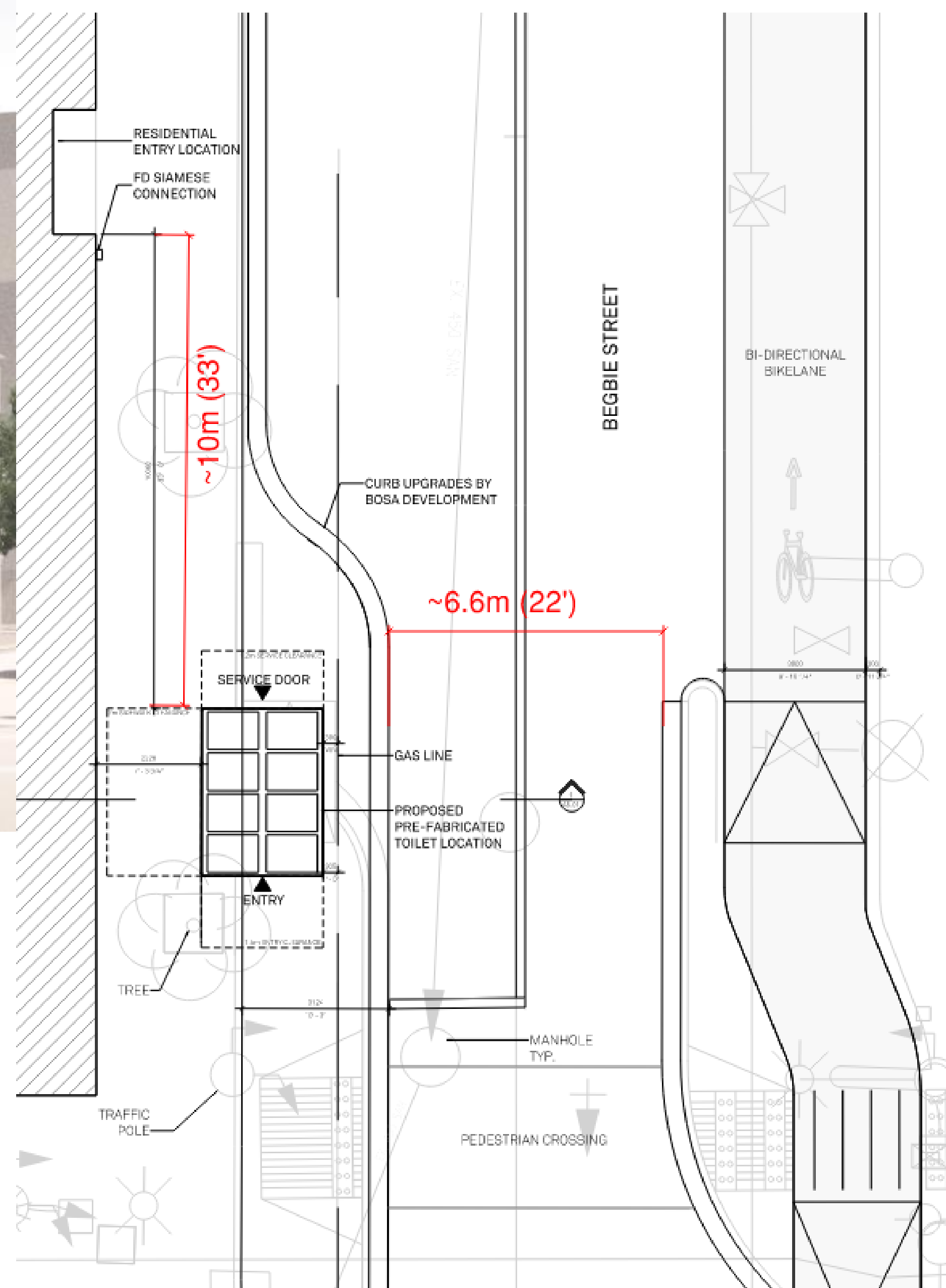
Project Timeline





Begbie Street (Recommended Location)

- **Technically feasible**
- **Slope is less than 5%** which means it allows for accessible, barrier-free access from Hyack Square and Columbia Street and the toilet can be installed technically with minimal site modifications,
- **Good visibility from Columbia Street**
- **Close proximity to Hyack Square**
- **Minimal impact on street activation to existing windows.**
- **Aligns with future plans for the area** (future planned Begbie Street Plaza)
- **West side as a bi-directional bicycle lane is planned for the east side of Begbie Street** - [Active Transportation Network Plan \(ATNP\)](#),



Urban Design Features

- Currently in schematic design (site placement)
- Urban Design through the detailed design phase (next steps)
- Transformation of the area.

Next Steps (to installation)

Project Work	Timeline
Schematic Design	(we are here)
Design Development	(total 7-12 months); note: some tasks listed may overlap.
Building Permits Application and Issuance	
Toilet Manufacturing by Toilet Supplier (3-4 months)	
Operational Approach <ul style="list-style-type: none"> • Further consultation with municipalities with installed PFTs on operational approaches and lessons learned, • Development of Operational Strategy 	
Tender & Construction	
Pilot Project: Develop Pilot Project Evaluation Criteria and success metrics.	

*note: project timeline is subject to weather, external resource availabilities and market conditions

Project Budget

\$650k - Class 'D' Rough Order of Magnitude Cost Estimate (January 2022)

Class D: level of accuracy between ±20% - ±30% (Canadian Construction Association)

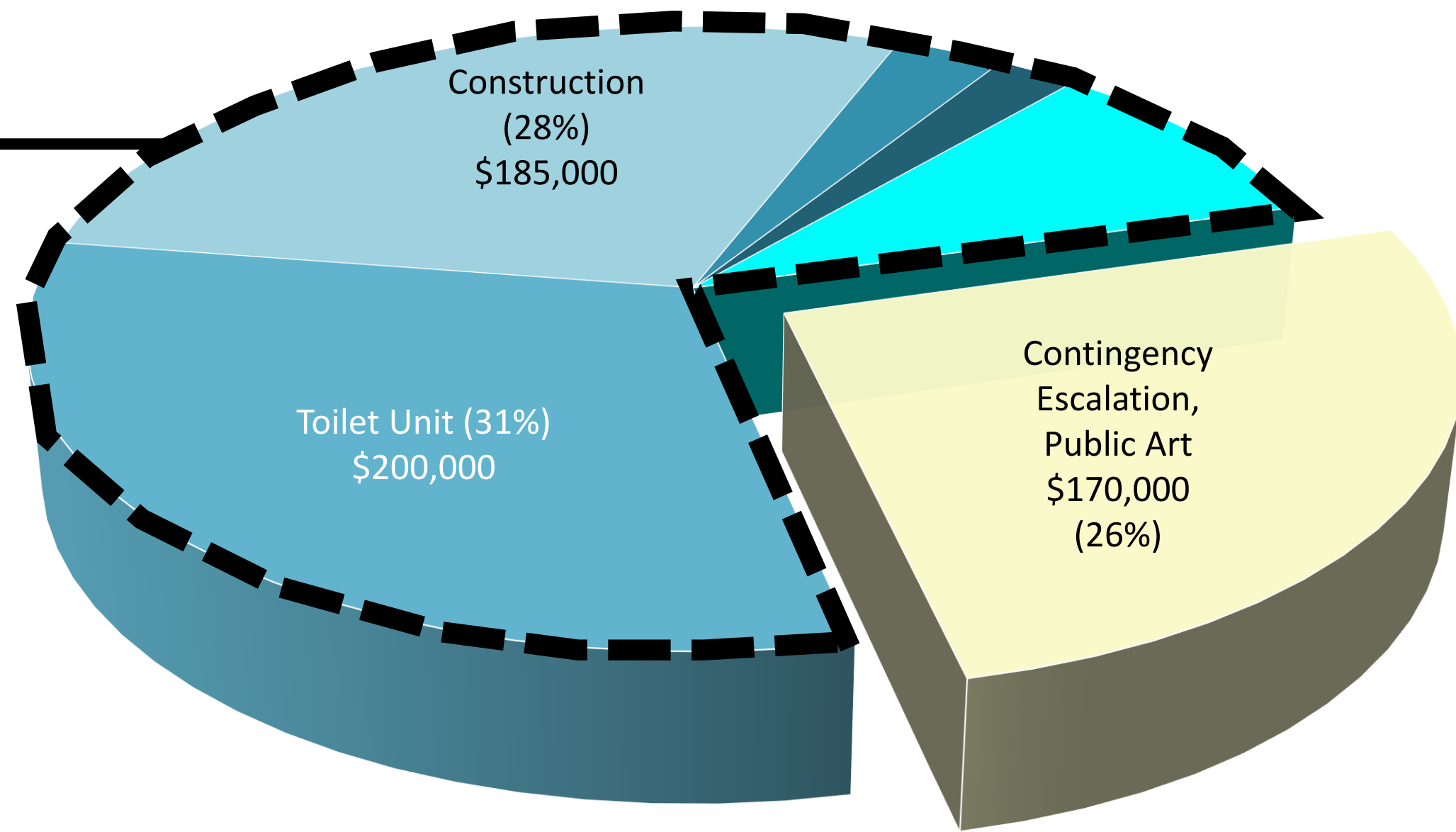
Project Costs (estimated):

Hard costs:

- Construction & Installation
- Toilet Unit
\$385,000

Soft Costs:

- Soil Remediation & Testing (if app)- \$20k
- Site Survey - \$15k
- Consultant Fees (\$60k)
\$480,000



- Toilet Unit (\$200,000)
- Construction (including Construction Management, Demolition & Site work) (\$185,000)
- Soil Assessment and Remediation (if req'd) (\$20,000)
- Site Surveys and Analysis (\$15,000)
- Design Consultant Fees (\$60,000)
- Contingency, Escalation & Public Art (\$170,000)

Questions for Council

- Does Council have any urban design principles or elements that staff should consider for this building and the adjacent area?
- Does Council have any suggested metrics that staff should evaluate as part of this Pilot Project?

