



# **Line 1 Capacity Enhancement Program**

St. Clair West Station Fire Ventilation Upgrade  
Pre-Construction Presentation

# Project Background

- The TTC is planning for capacity improvements at some of Line 1's busiest subway stations. For more information on this program, please visit our [website](#). Fire ventilation systems across the TTC will be improved as part of the Fire Ventilation Upgrade (FVU) program.
- The fire ventilation system at **St. Clair West Station** will be upgraded to allow for more trains and improved system capacity and enhanced safety for TTC customers.
- The Fire ventilation upgrade work at St. Clair West Station is scheduled to begin construction as early as Q2 2026\* (more details will be shared as plans develop).

\*Pending weather, possible third-party union strikes, and unforeseen site conditions and events.

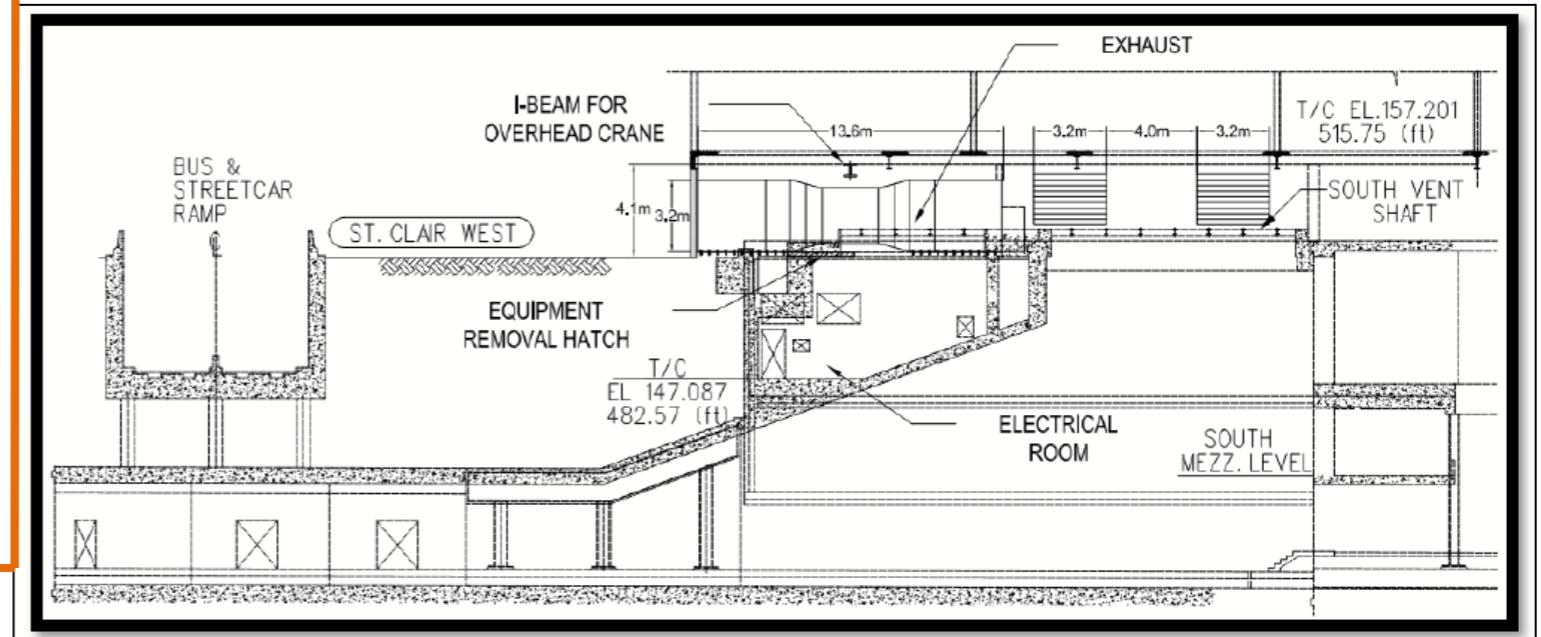
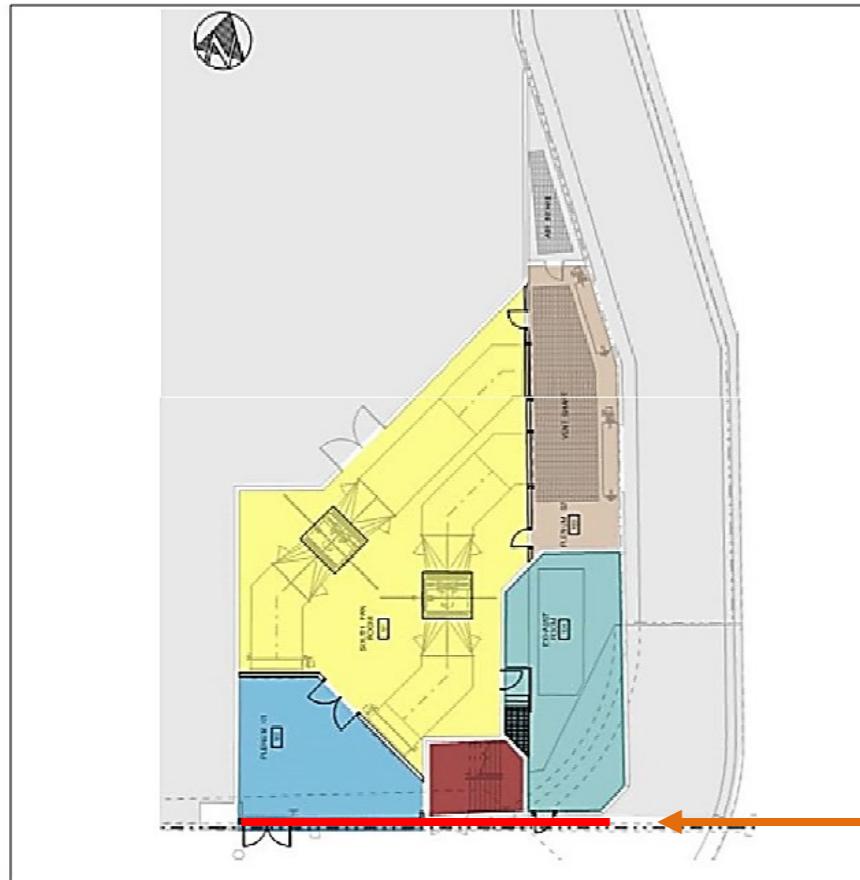
# St. Clair West Station - Fire Ventilation Upgrade

- Modifications to existing Loblaws' storage space after 2025 property acquisition to facilitate installation of two new fans, silencers, and damper equipment (370 Saint Clair Avenue West, North Side Entrance).
- Excavation to Cedarvale parkette (North of Heath Street West / Tichester Road) to construct a new underground fan room consisting of two new fans, silencers, damper equipment, new mechanical, and electrical room.
- Required Electrical and Communication upgrades.
- Testing and Commissioning of four new subway ventilation fans.

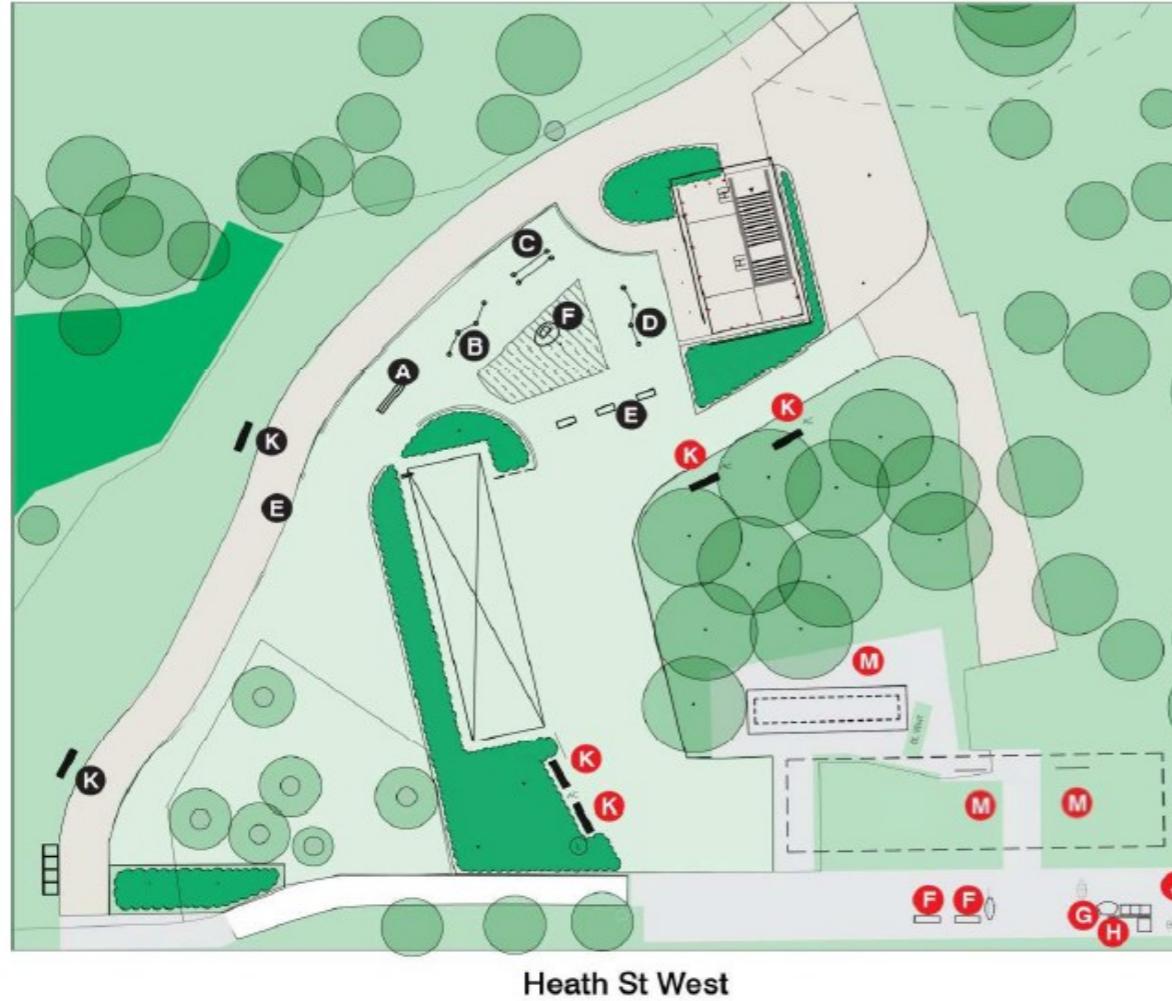
# St. Clair West Station Fire Ventilation Upgrade – Site Plan



# St. Clair West Station Fire Ventilation Upgrade – Loblaws Storage Room



# St. Clair West Station Fire Ventilation Upgrade – Cedarvale Parkette



**A** LONG BENCH



**C** PARALLEL BARS



**B** PULL-UP BARS (TRIPPLE)



**D** PUSH UP BARS



**E** TIERED STEPS (x3)



**F** EXISTING GRANITE BOULDERS WITH COMMEMORATIVE PLAQUE

## Fitness Area - Equipment & Signage



**F** TYPICAL PARK BENCH



**G** CITY STANDARD WASTE RECEPTACLE



**H** CITY STANDARD BARRIERS



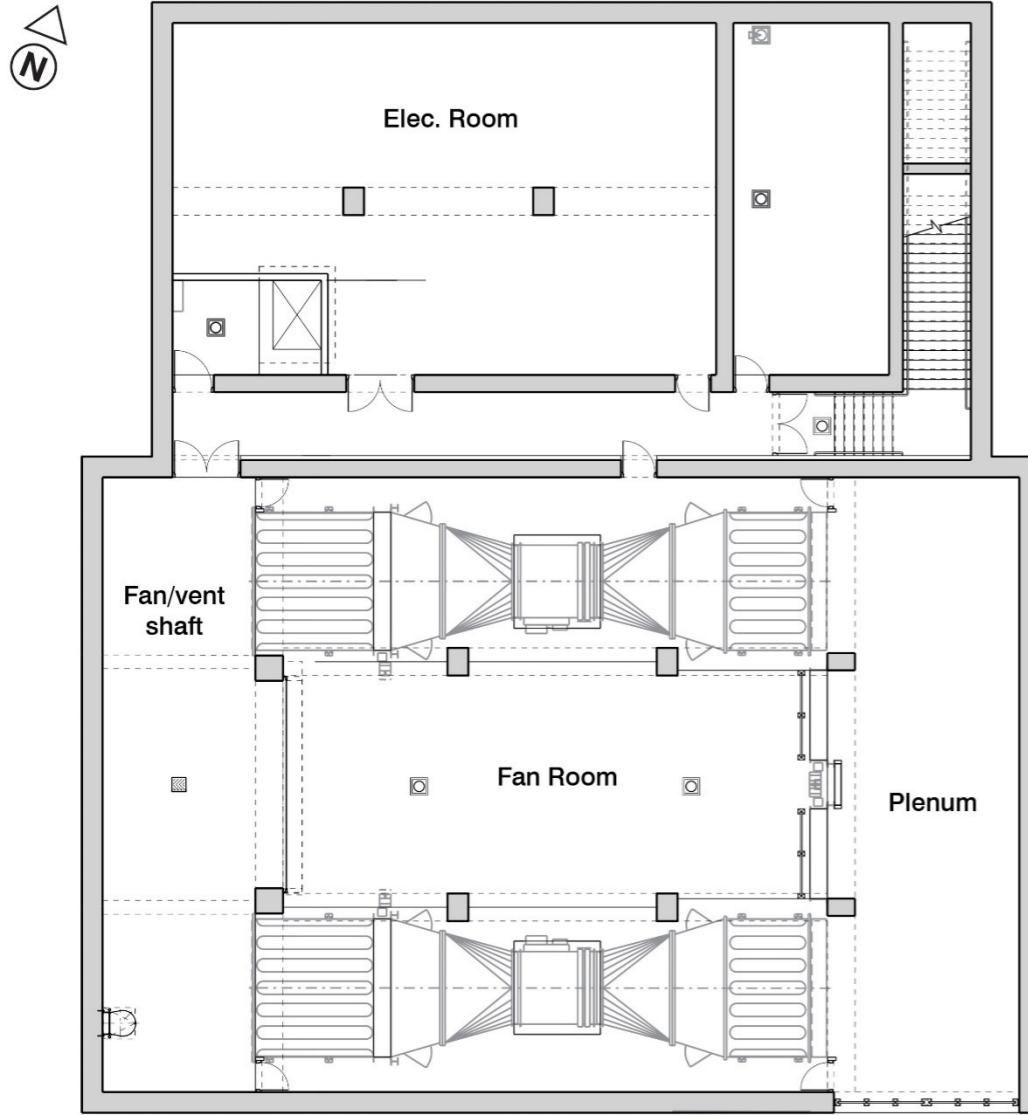
**J** CITY STANDARD INFORMATION SIGN  
**K** TYPICAL PARK BENCH



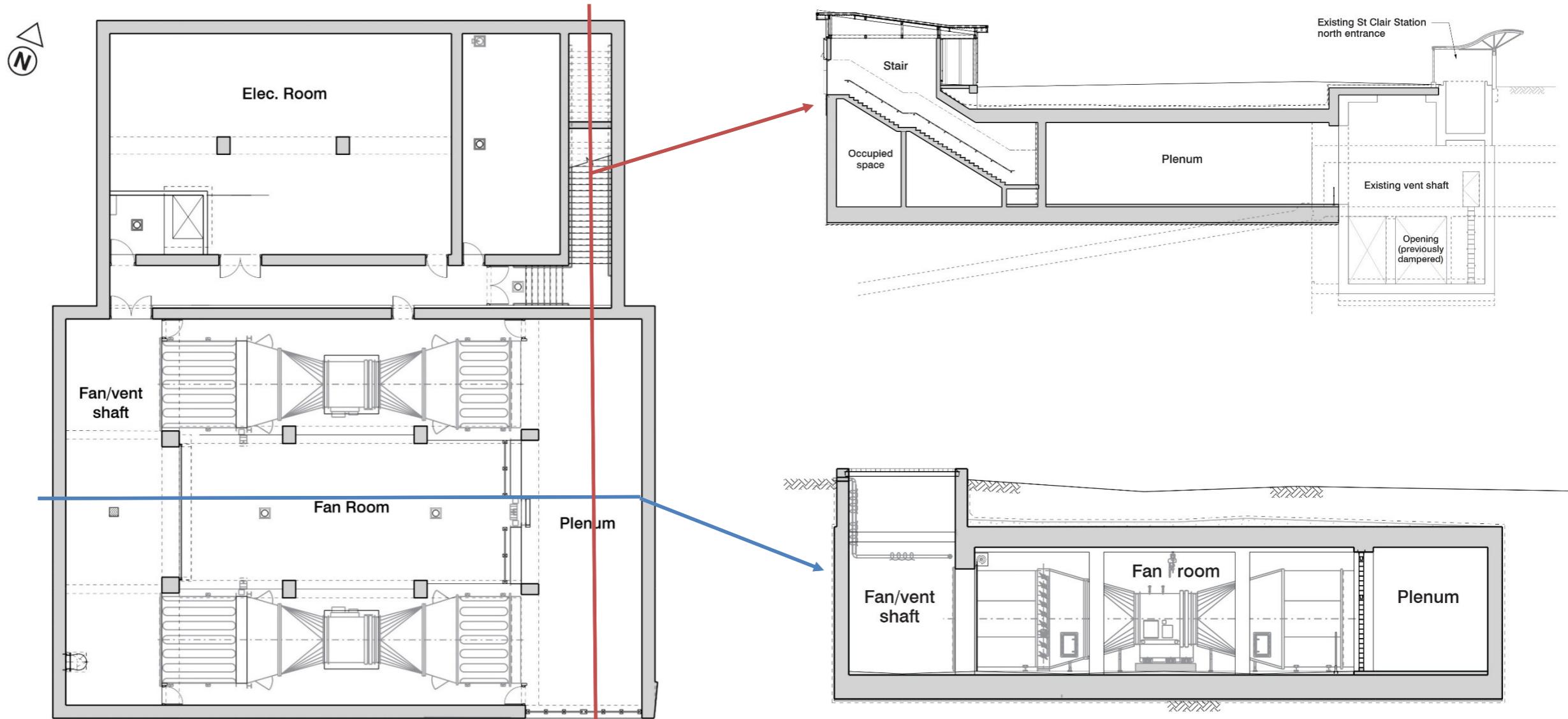
**L** STANDARD CITY PARK ADDRESS SIGN  
**M** TYPICAL STANDARD CITY BICYCLE RING



# St. Clair West Station Fire Ventilation Upgrade – Fan Plant



# St. Clair West Station Fire Ventilation Upgrade – Cedarvale Parkette



# St. Clair West Station Fire Ventilation Upgrade – Cedarvale Parkette

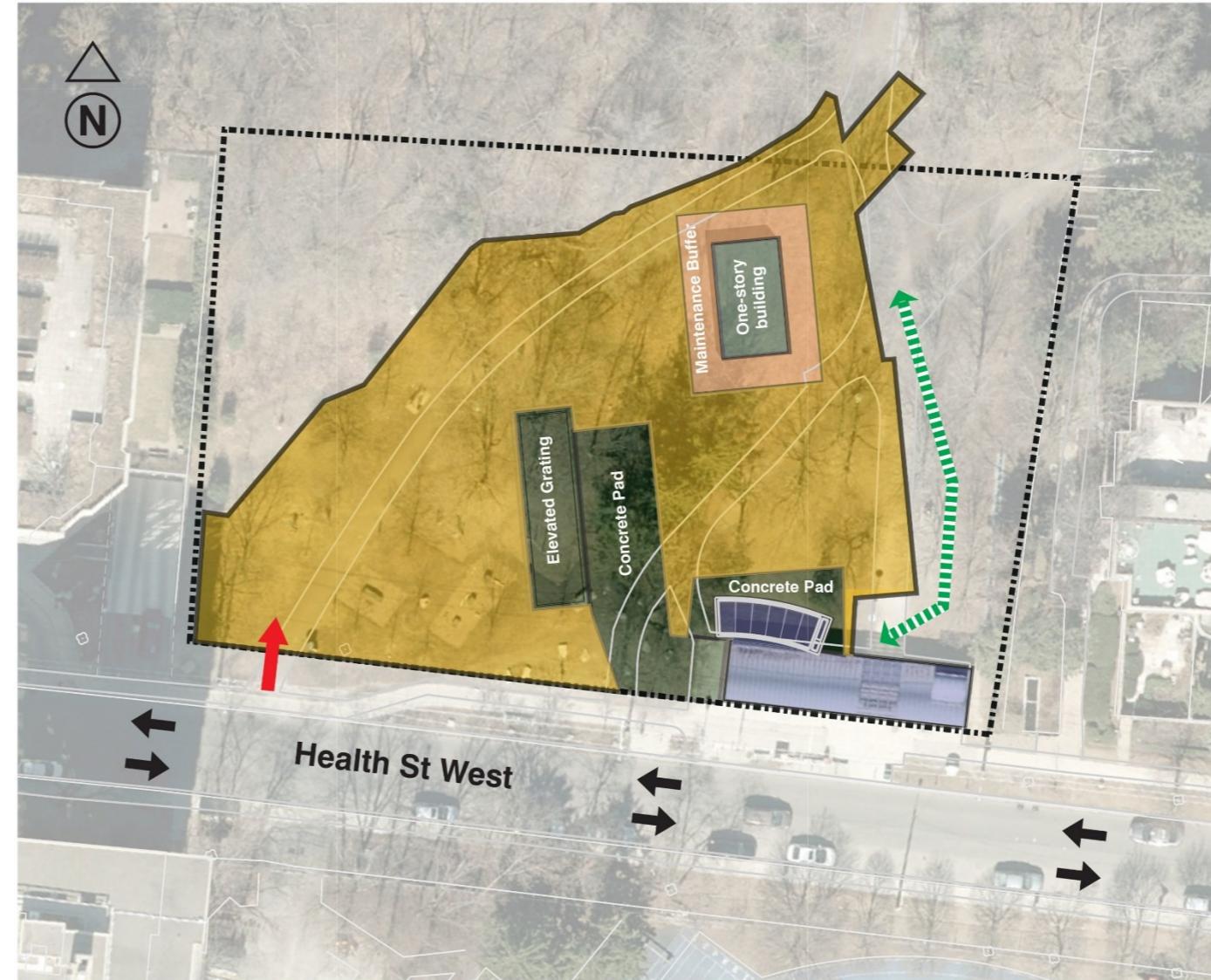


# St Clair West Station Fire Ventilation Upgrade – Conceptual Staging Plans

## St. Clair West Station - Fire Ventilation Upgrade - Health St W

### Legend:

- Permanent property requirement
- 3m maintenance buffer
- Temporary construction area
- Existing TTC infrastructure
- Property line
- Temporary wooden board walkway for continued to/from Cedarvale trail
- Construction access



# During Construction

- Pedestrian detours including a new temporary walkway to/from Cedarvale trail.
- Some trees need to be removed, and payment in lieu will be made as per City of Toronto standards.
- Some parking spots will be reserved for construction vehicles/equipment.
- Temporary lane closures may be required to accommodate access for construction vehicles and delivery of materials and equipment.
- Existing Cedarvale Park exercise equipment will need to be temporarily removed to facilitate the construction and will be restored upon completion.
- Bike racks in front of the station entrance will be temporarily removed and restored/relocated after construction.
- Shorter-term elevator shutdown for a weekend to accommodate for new split AC condensing unit. (timing TBC)

# | Community Benefits

- Supports future TTC subway expansion with more trains/faster service requiring upgraded ventilation infrastructure.
- Additional lighting to park for improved security and visibility along the walkway.
- Soft and hard landscaping with the addition of more bike racks and benches to enhance accessibility and comfort.

# Construction details and transit information

- The majority of work will take place between 7:00 a.m. and 7:00 p.m., as required.
- As permitted, some overnight and weekend work will be required during the course of this project for safety and efficiency.
- Noise, dust, and vibration associated with construction are unavoidable with this work.
- Mitigation measures, such as vibration monitoring, and mesh fencing (to reduce dust) will be implemented.
- Construction trucks, equipment, and workers will be present in the area. Road access will be shared with construction vehicles, as required throughout the project.
- In order to safely separate the construction area from the road, hoarding will be in place, and trees will be removed.
- TTC Community Liaison will provide construction updates, coordinate responses to questions, coordinate meetings with neighbours and the project team.

# Contact

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