



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.
- Construction timeline for this project is to be determined. More details will be shared as plans develop.



St. Clair West Station - Fire Ventilation Upgrade

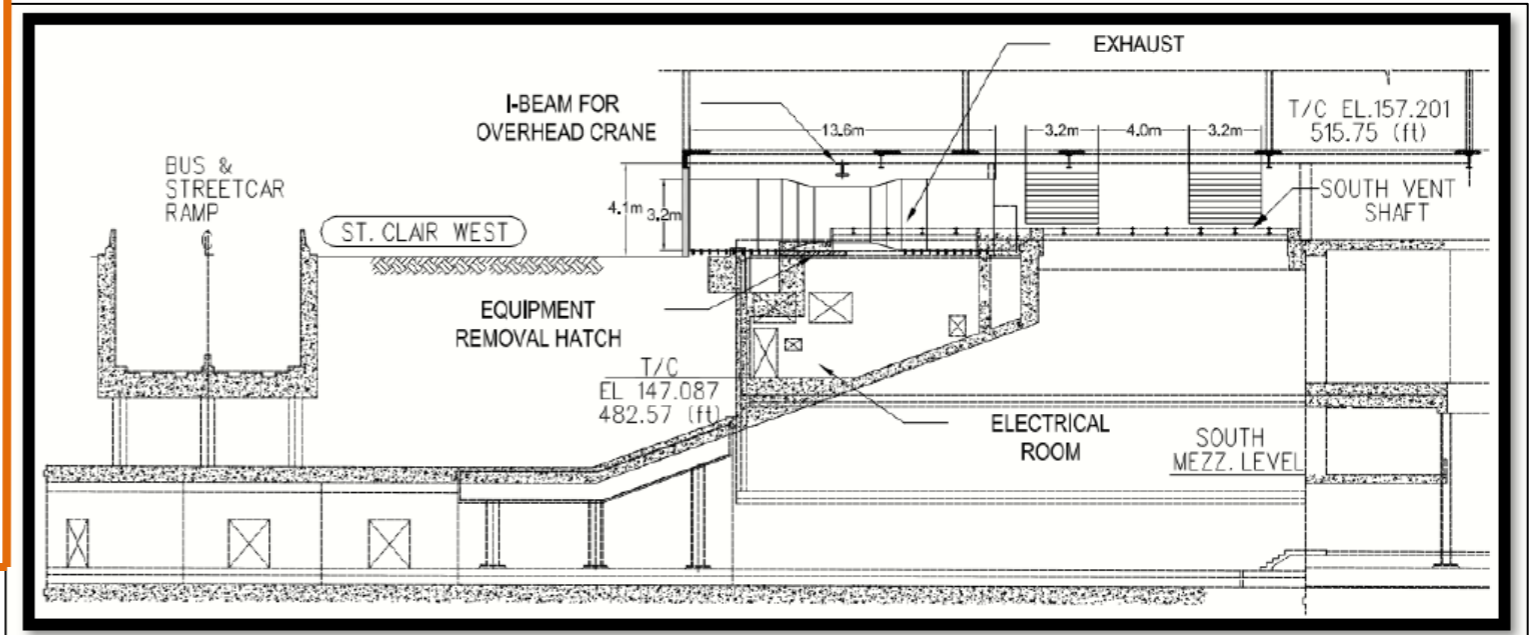
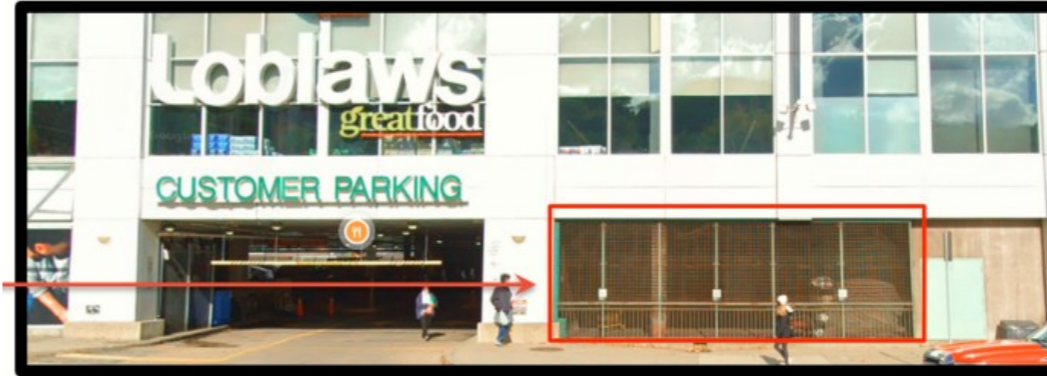
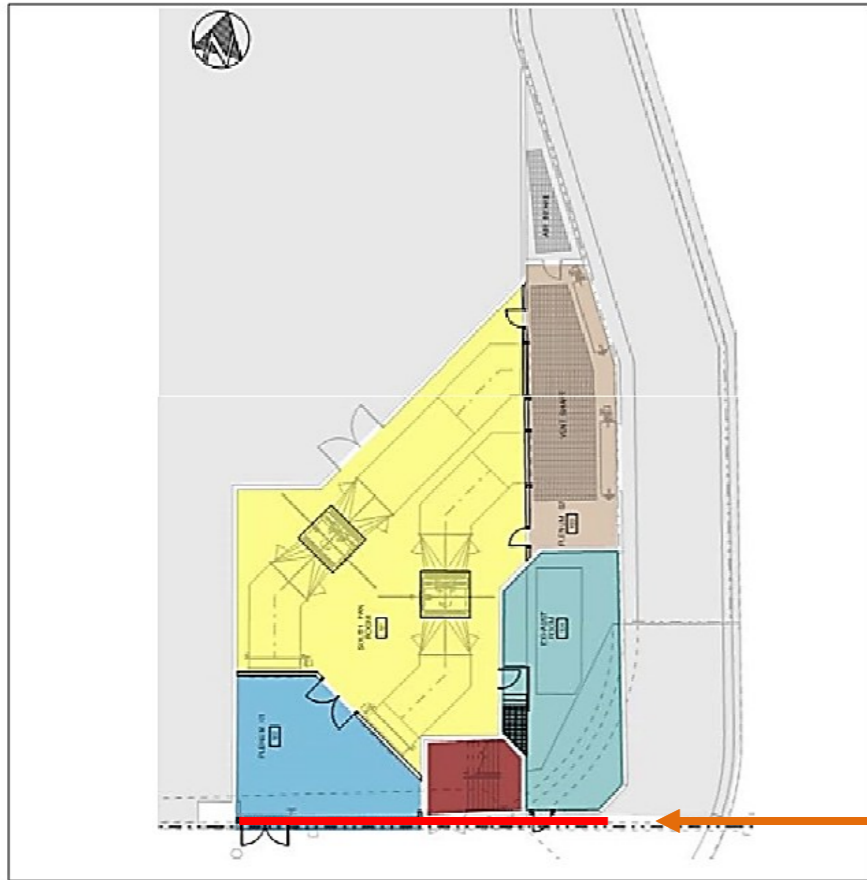
- Modifications to existing Loblaws' storage space to facilitate installation of two new fans, silencers, and damper equipment (370 Saint Clair Avenue West, North Side Entrance).
- Excavation to Cedarvale parkette (North of Heath Street West / Tichester Road) to construct a new underground fan room consisting 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.



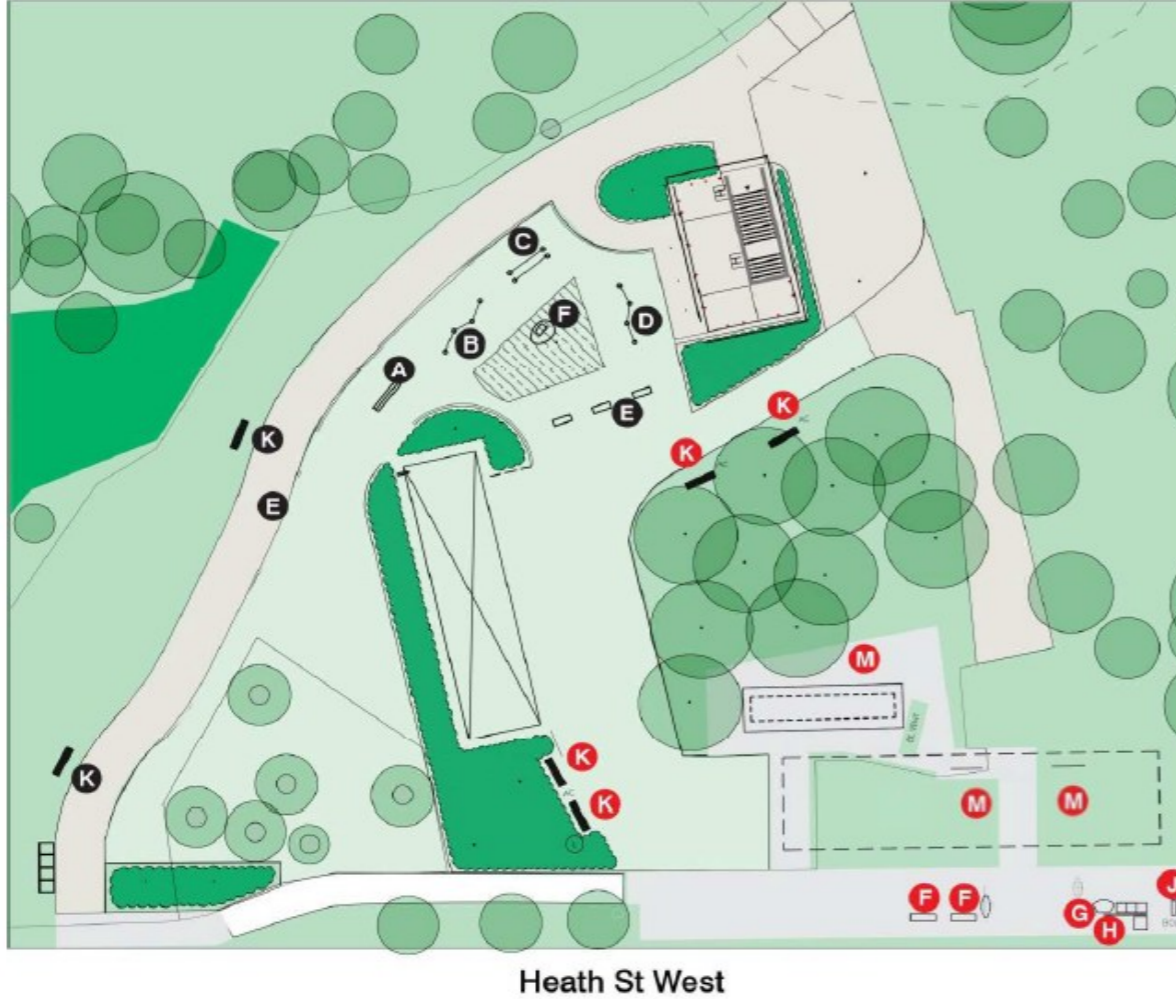
St. Clair West Station Fire Ventilation Upgrade – Site Plan



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



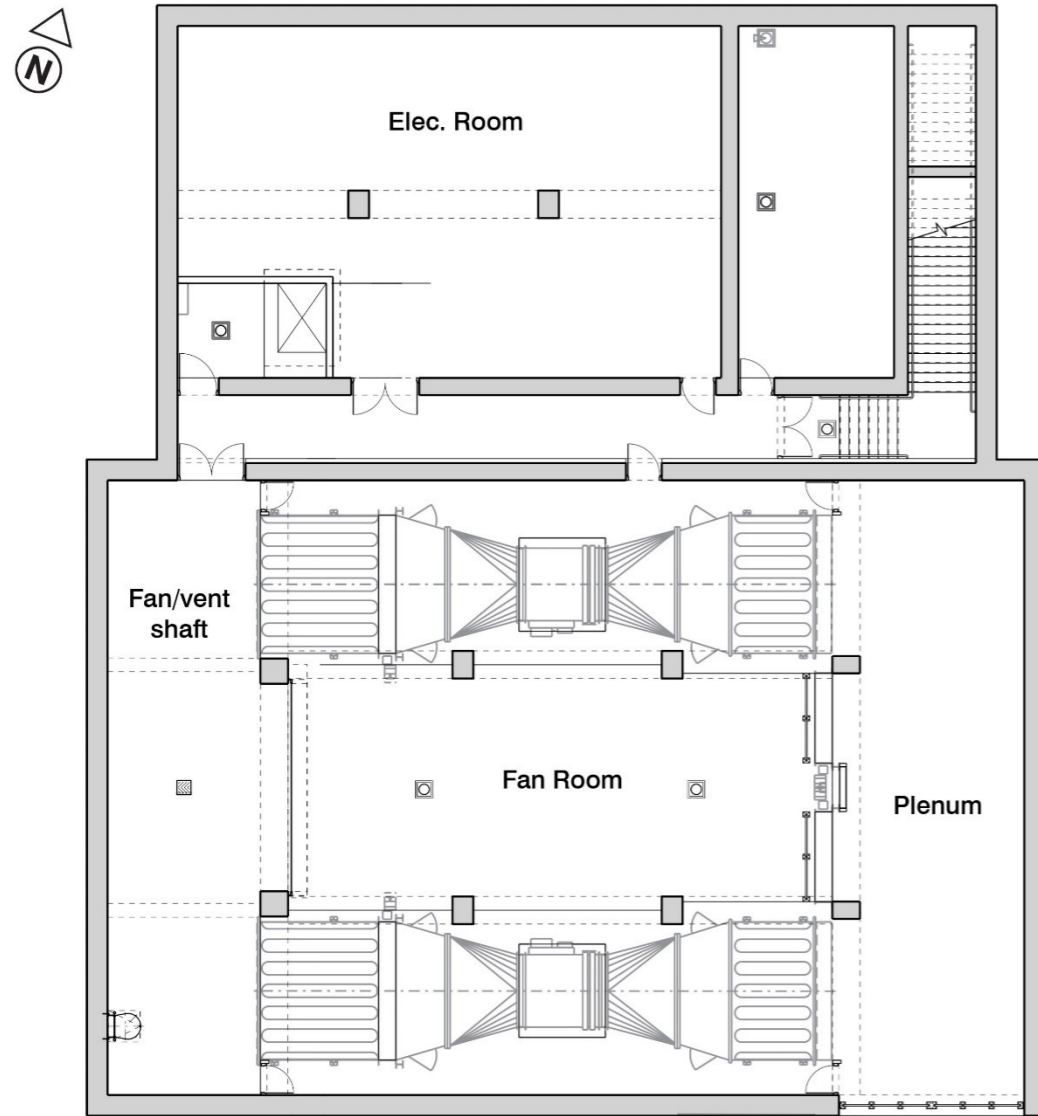
L STANDARD CITY PARK ADDRESS SIGN



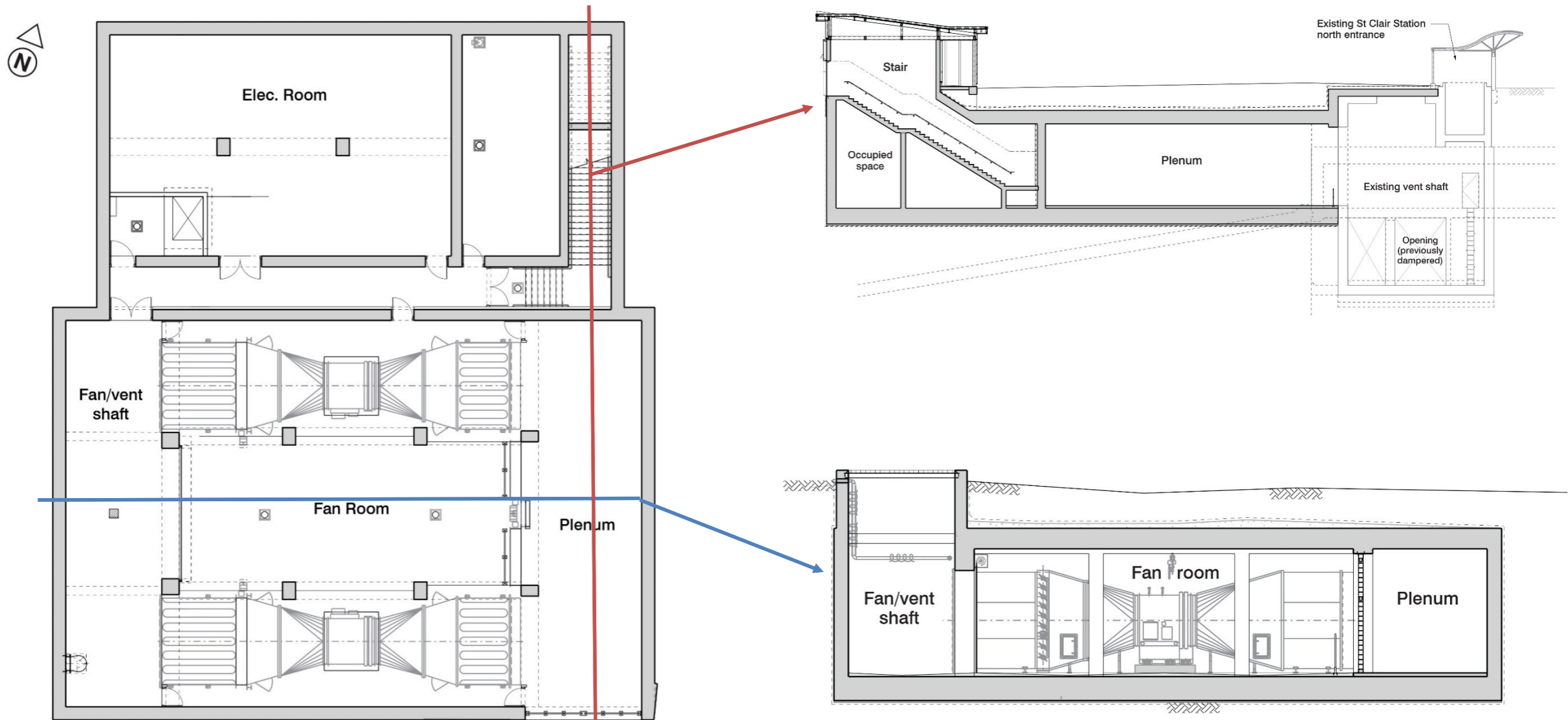
M TYPICAL STANDARD CITY BICYCLE RING



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



Current Image



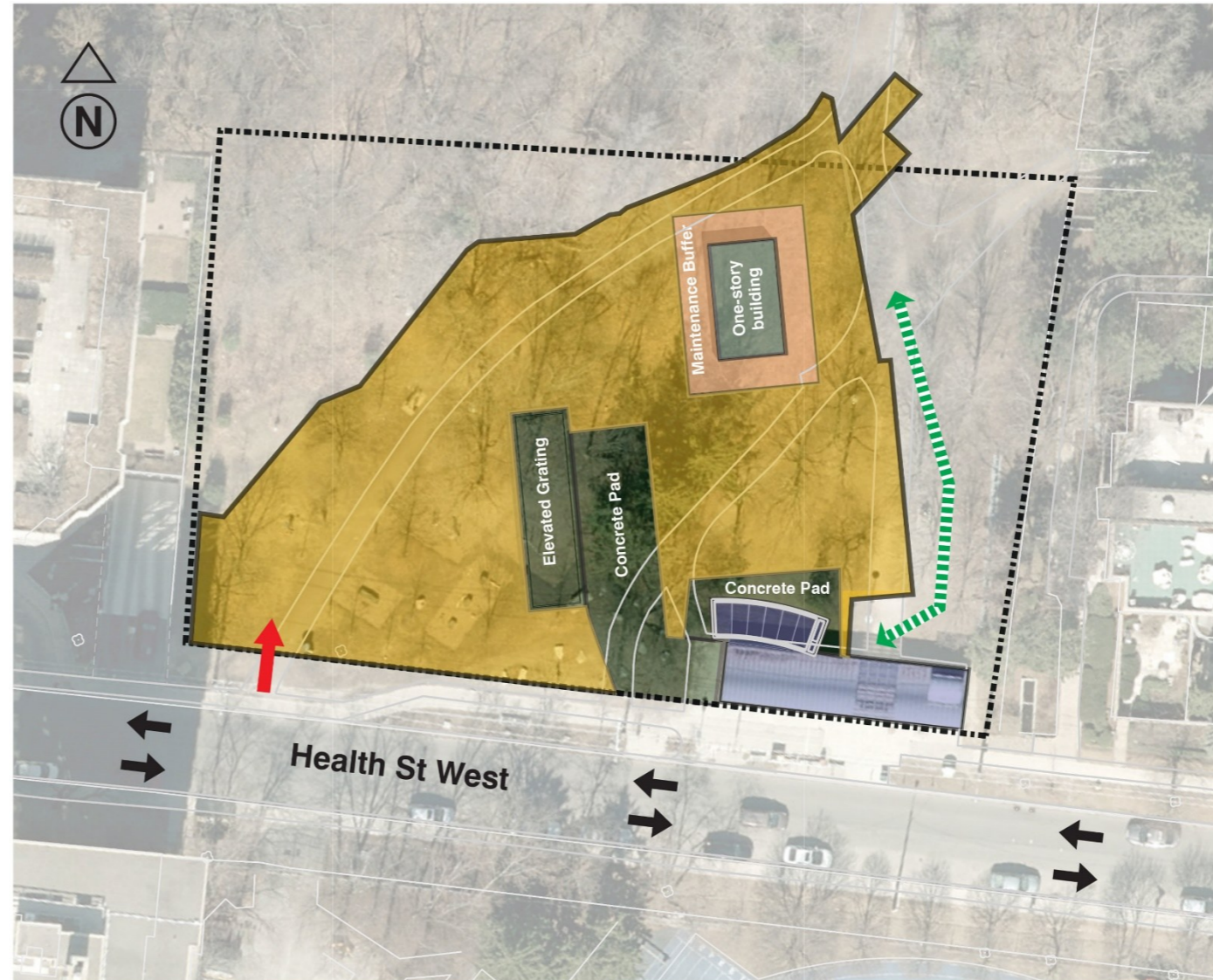
Conceptual Image

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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