

# West Ottawa Flow Through Stations Upgrades

**Contract No. CP000546**

Online Public Information Session  
(April 29, 2021, 5 to 7pm)

# Welcome

**Welcome to the Online Public Information Session for the West Ottawa Flow Through Stations Upgrades project.**

The City has a proactive communications approach. The project team will update you on the project using different methods to communicate including letters and posting information on Ottawa.ca.

The purpose of this Online Public Information Session is to present the project design, receive feedback, identify the next steps in this process, and inform residents of the future construction activities.

# Why This Project Is Important

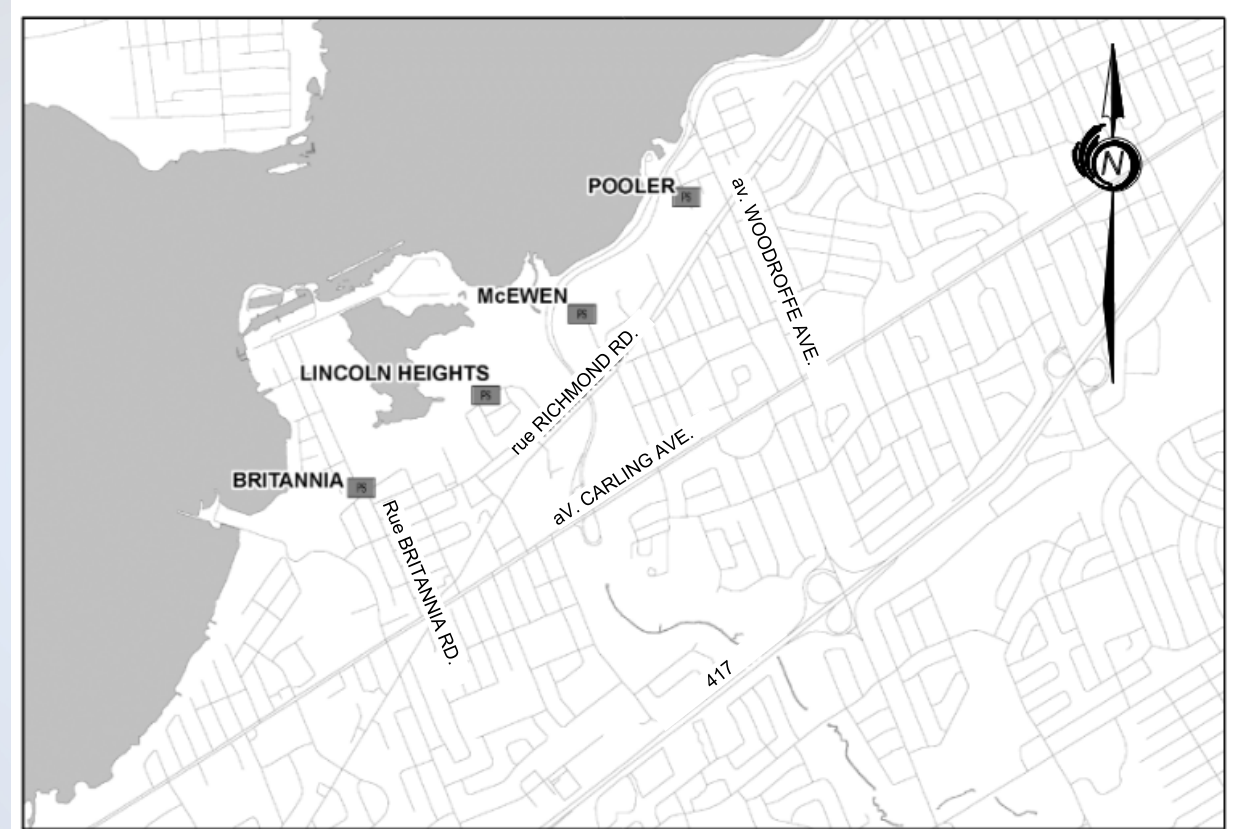
## To Improve Wastewater Pumping Reliability

- The age of equipment in these stations have increased risk of equipment failure resulting in potential basements flooding's, and sewage spills to the environment. The stations will be upgraded for resiliency:
  - Replacing existing pumps
  - Providing new/backup electrical and instrumentation equipment
  - Improving maintenance access
  - Providing new backup generator for additional redundancy

# Project Locations

- Britannia PS
  - 247 Britannia Road
- McEwen PS
  - 31 McEwen Avenue
- Pooler PS
  - 84 Pooler Avenue
- Lincoln Heights PS
  - Easement between 219 and 225 Lincoln Heights Road

Please refer to Slide 6 to 15 for additional details



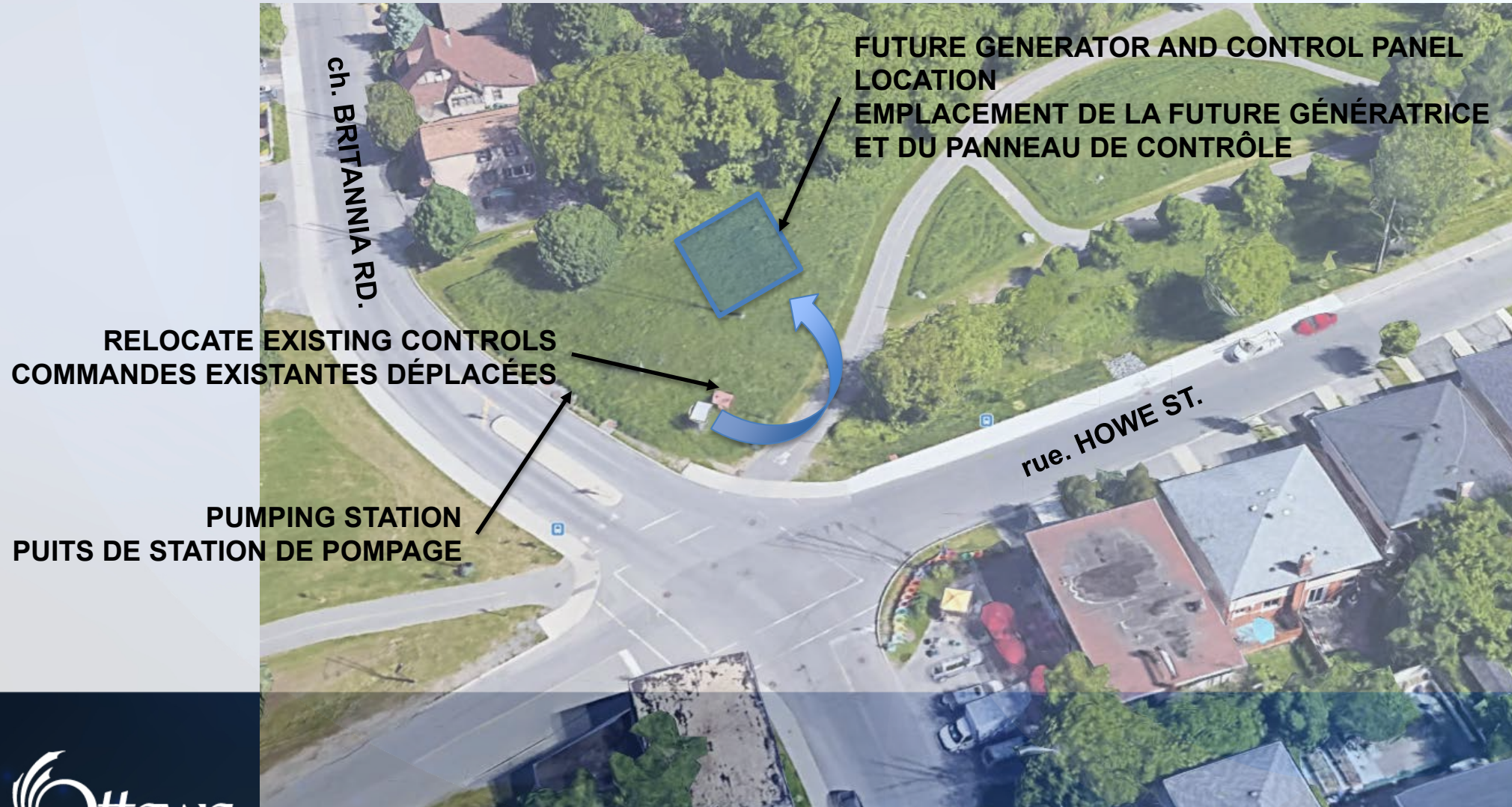
# Project Overview

- **The existing sanitary sewage (wastewater) pump stations** are being rehabilitated to improve station reliability due to age, current industry and municipal standards. New pumps, gates, electrical equipment, and new and replaced electrical panels will be installed.
- **New backup generators** will be installed at each station to maintain power during electrical outages.

Please refer to Slide 6 to 15 for additional details

# Project Overview

## Aerial Photo – Britannia PS



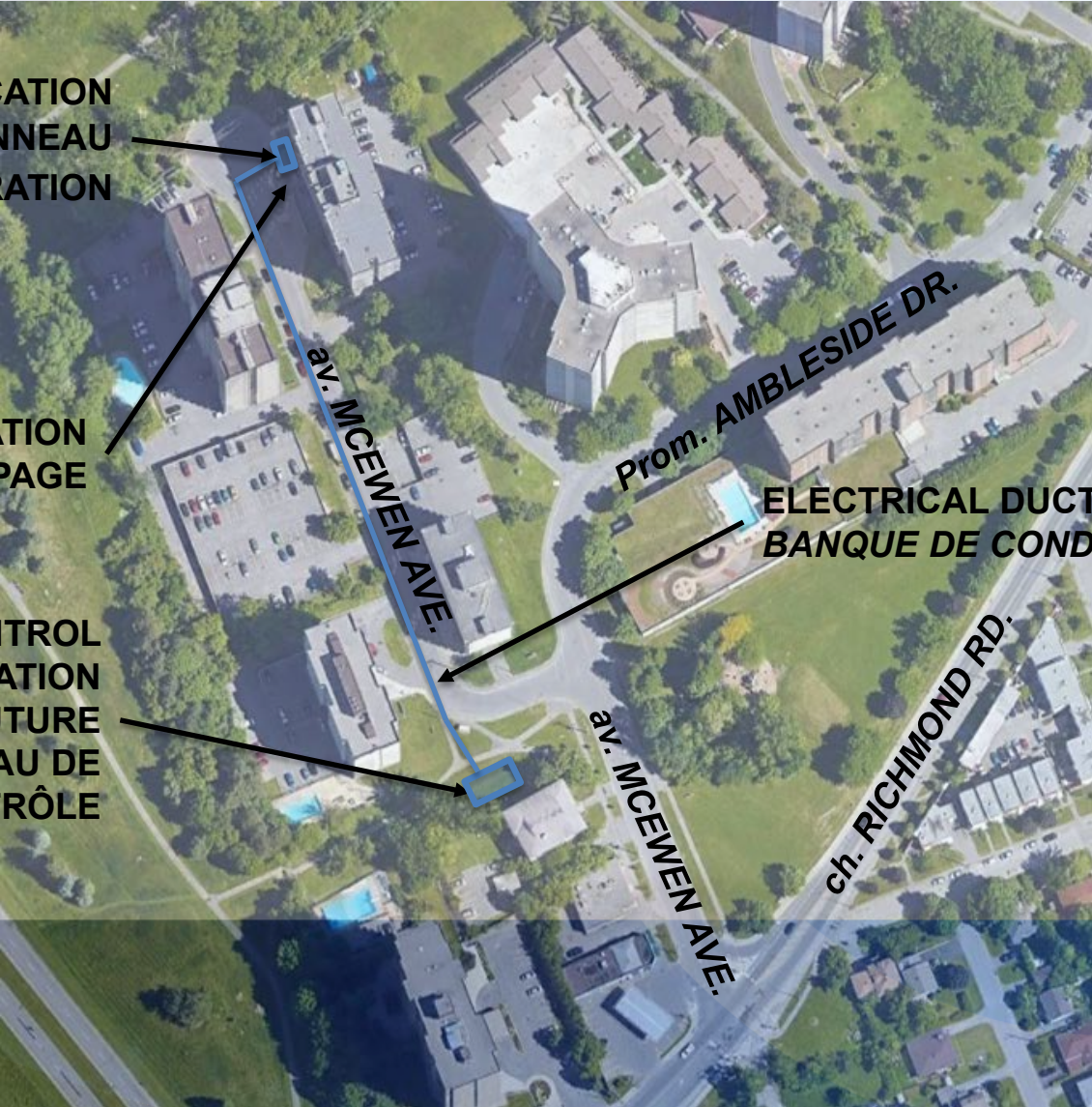
# Project Overview

## Aerial Photo – McEwen PS

FUTURE CONTROL PANEL LOCATION  
FUTUR EMPLACEMENT DU PANNEAU  
DE CONFIGURATION

PUMPING STATION  
PUITS DE STATION DE POMPAGE

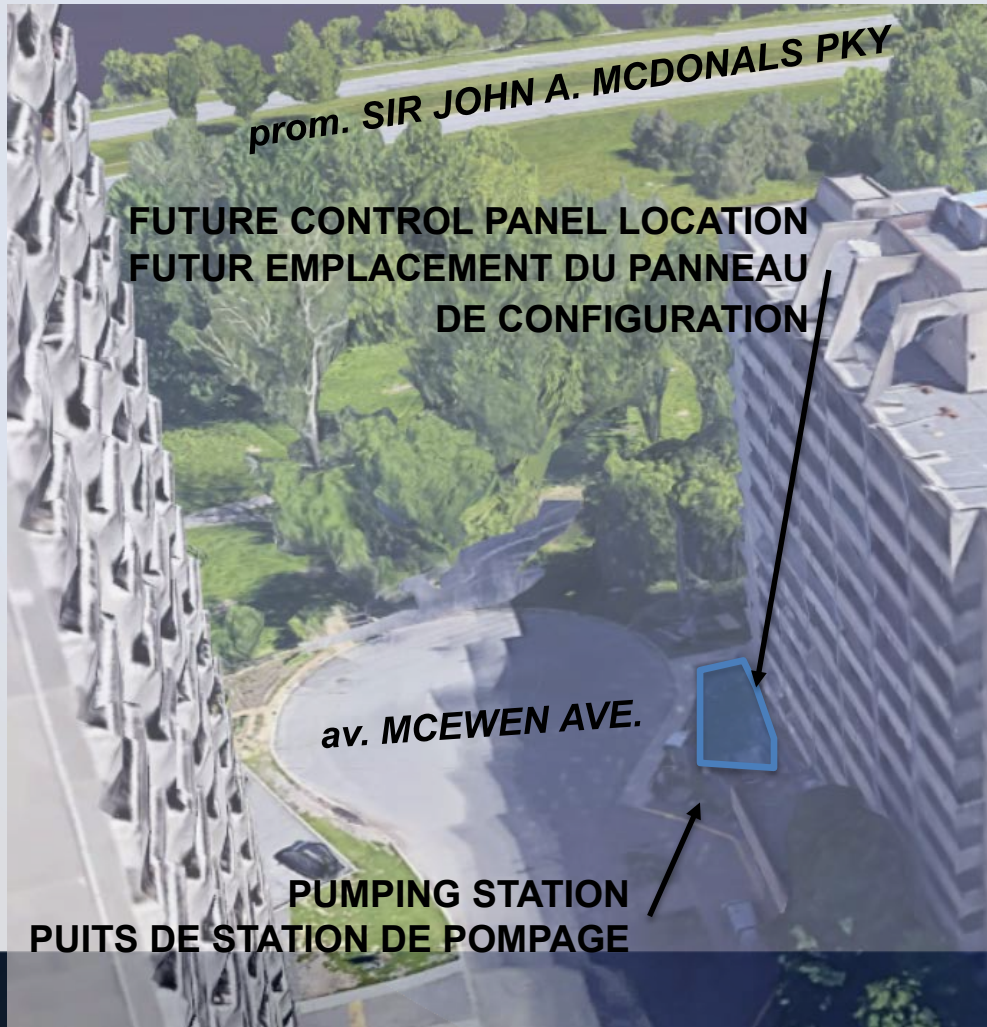
FUTURE GENERATOR AND CONTROL  
PANEL LOCATION  
EMPLACEMENT DE LA FUTURE  
GÉNÉRATRICE ET DU PANNEAU DE  
CONTRÔLE



ELECTRICAL DUCTBANK  
BANQUE DE CONDUIT ÉLECTRIQUE

# Project Overview

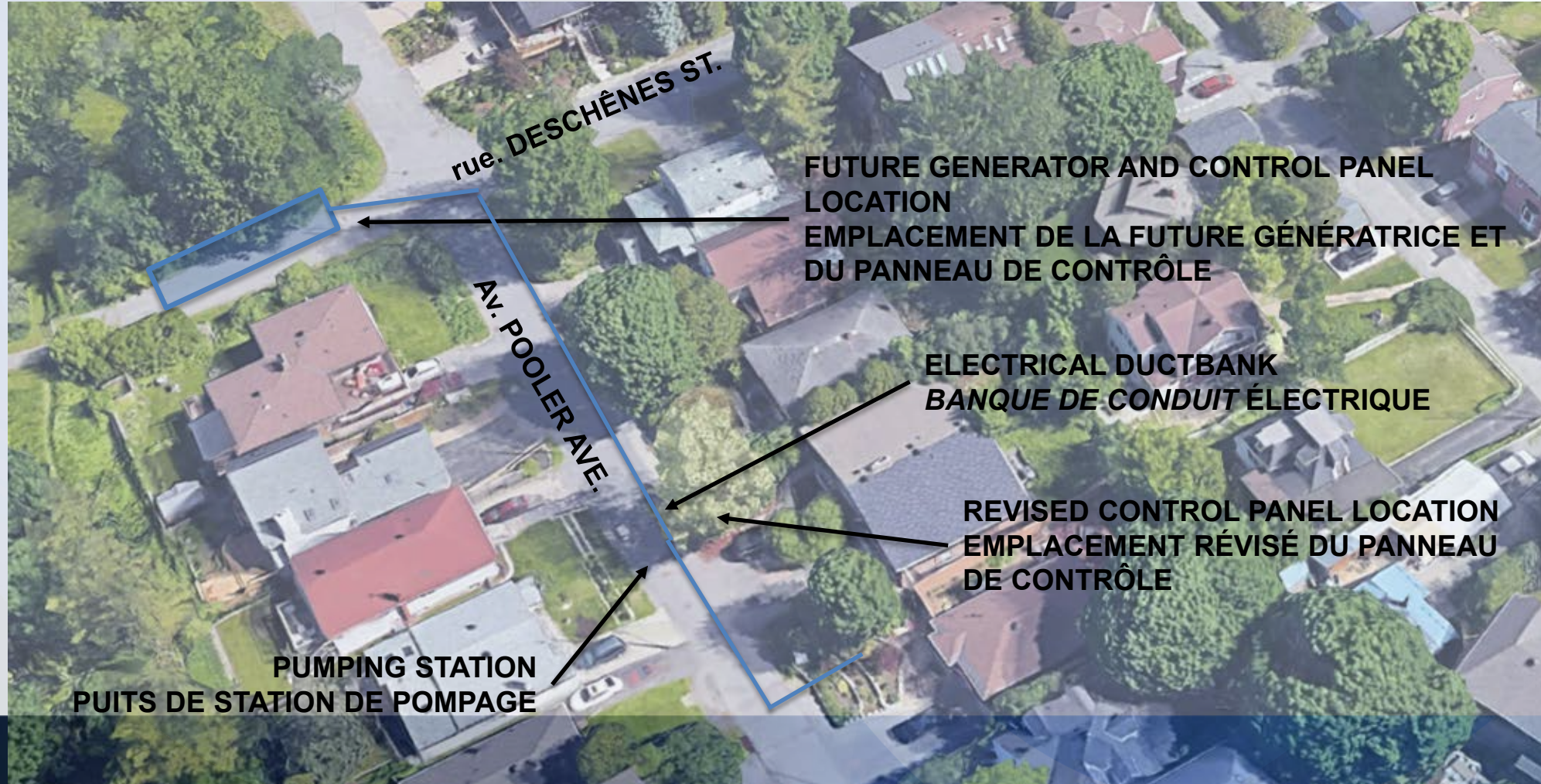
## Aerial Photo – McEwen PS





# Project Overview

## Aerial Photo – Pooler PS



# Project Overview

## Aerial Photo – Lincoln Heights PS

REVISED CONTROL PANEL LOCATION  
EMPLACEMENT RÉVISÉ DU PANNEAU  
DE CONTRÔLE



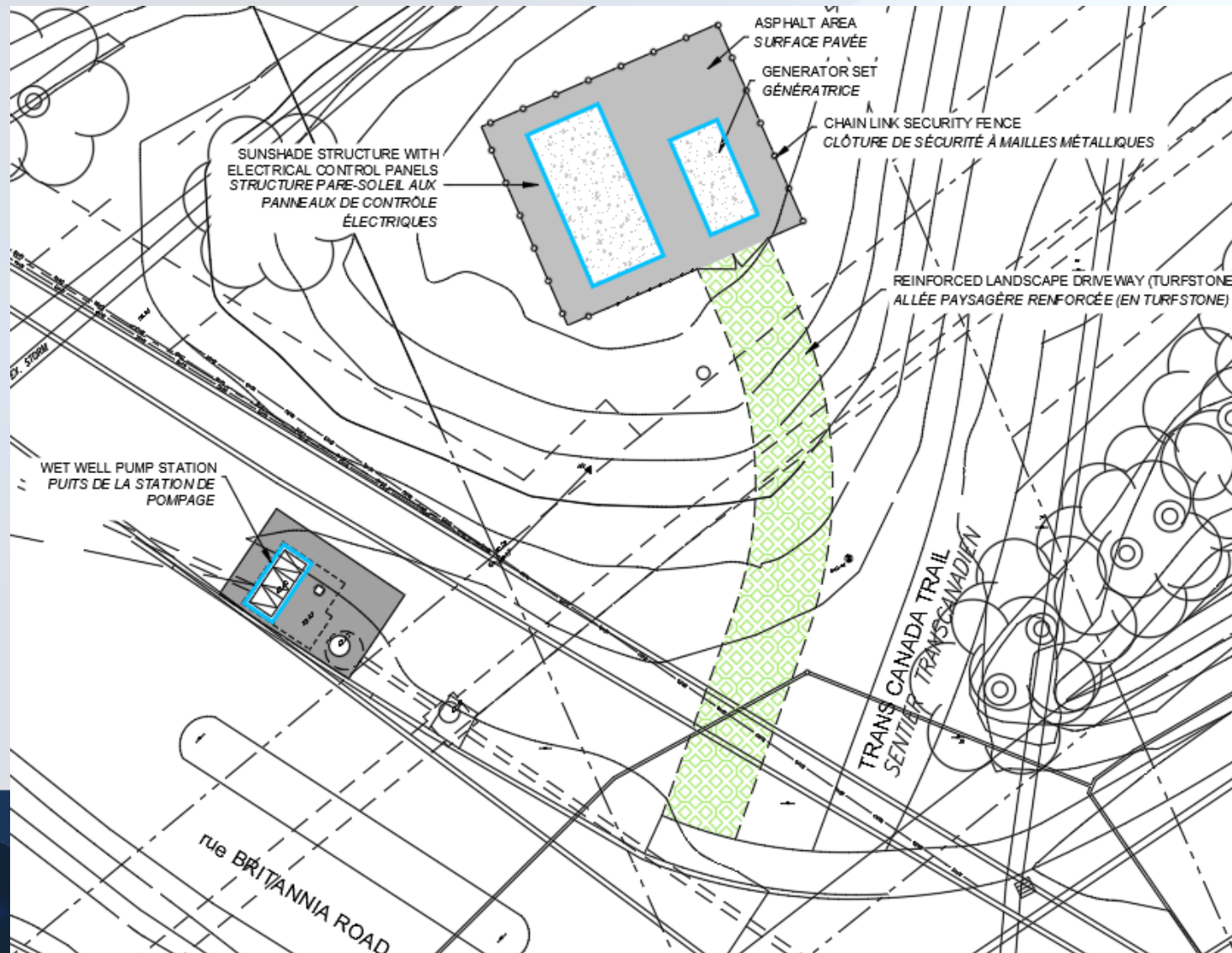
# Project Overview

## Aerial Photo – Lincoln Heights PS



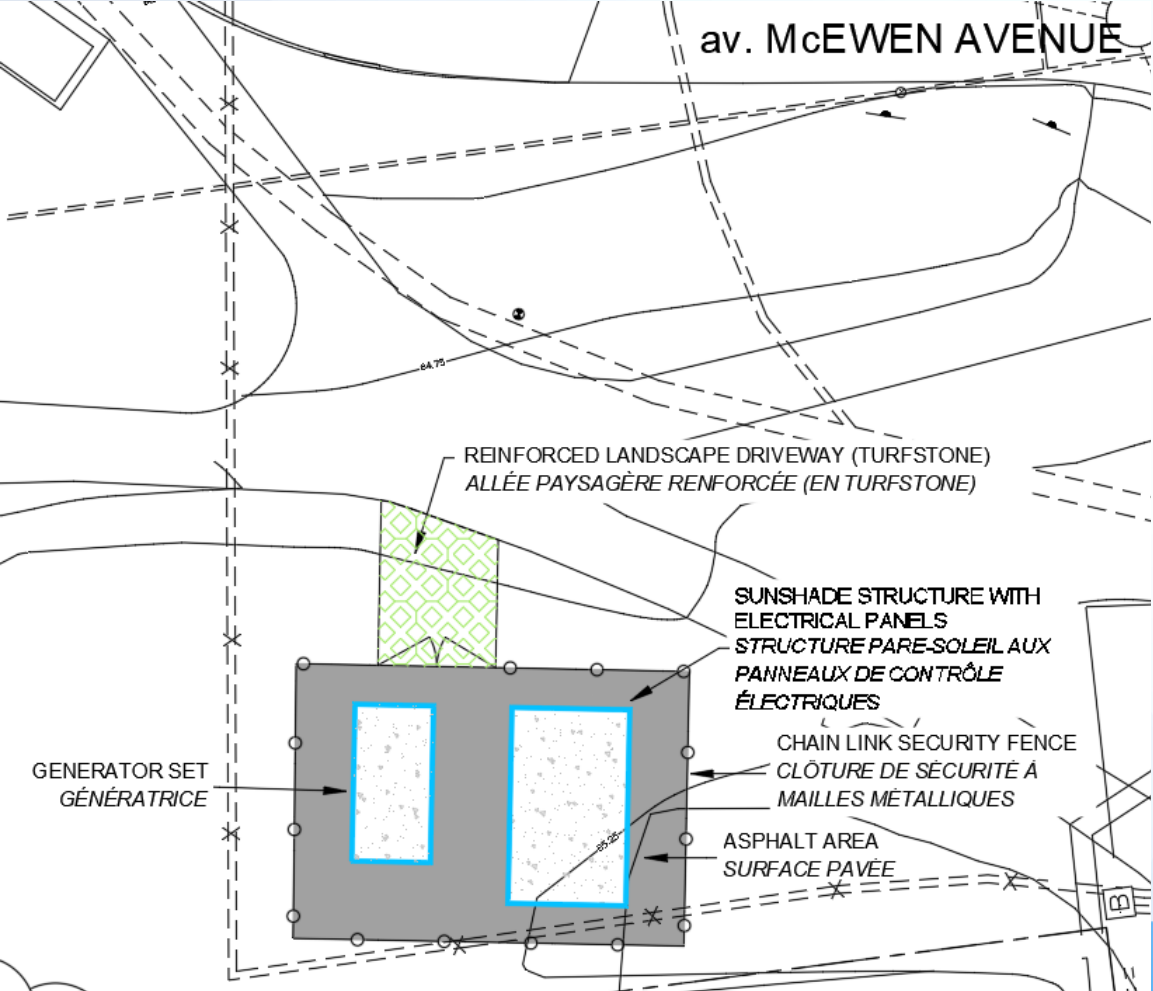
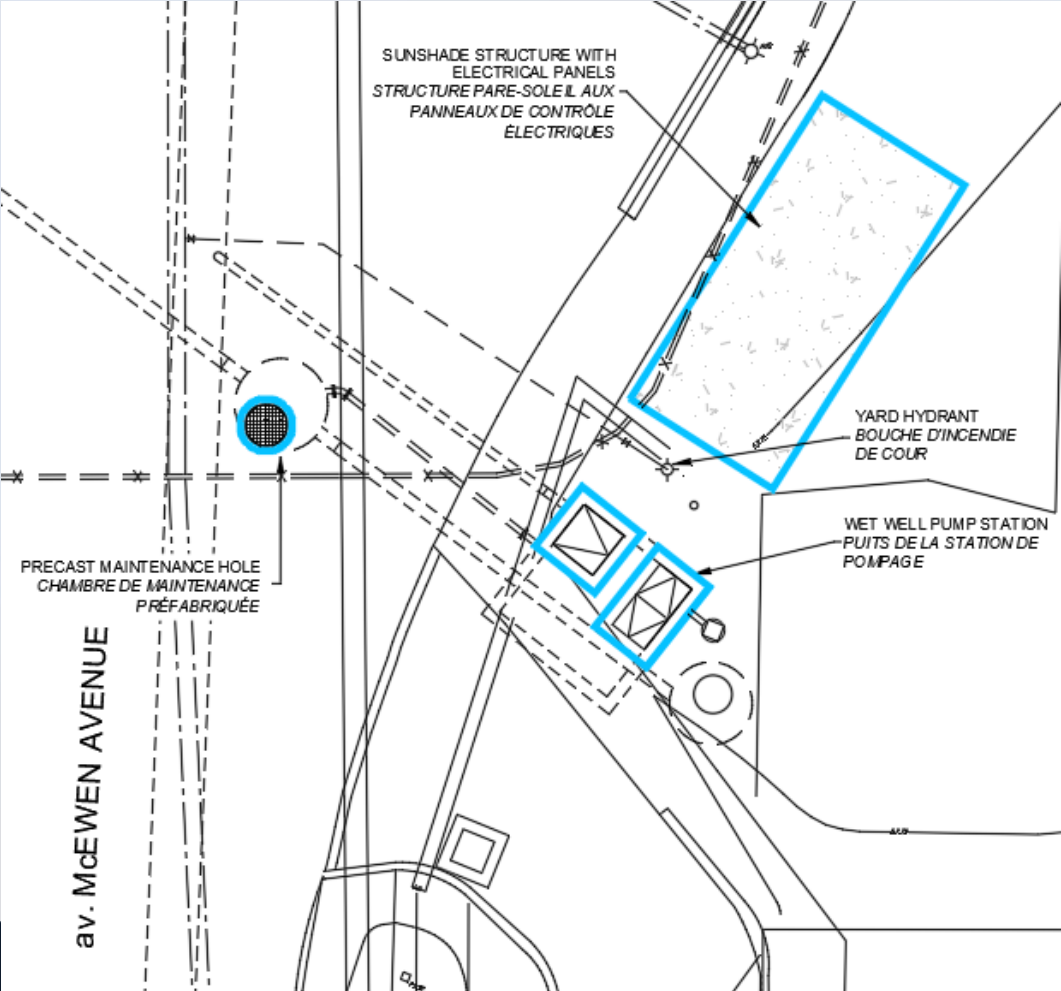
# Project Site Plan – Britannia PS

## Site Plan (Station)



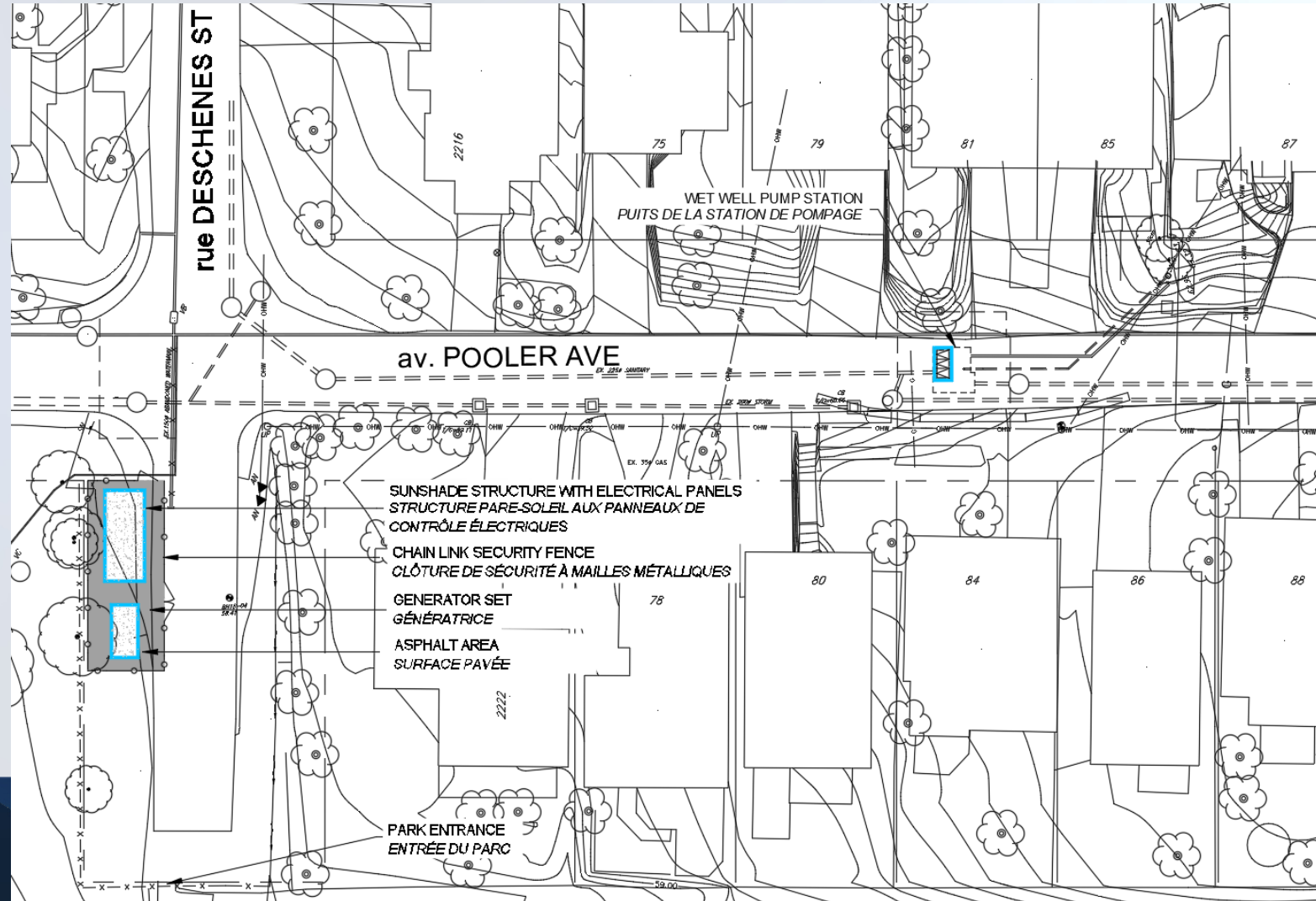
# Project Site Plan – McEwen PS

## Site Plan (Station)



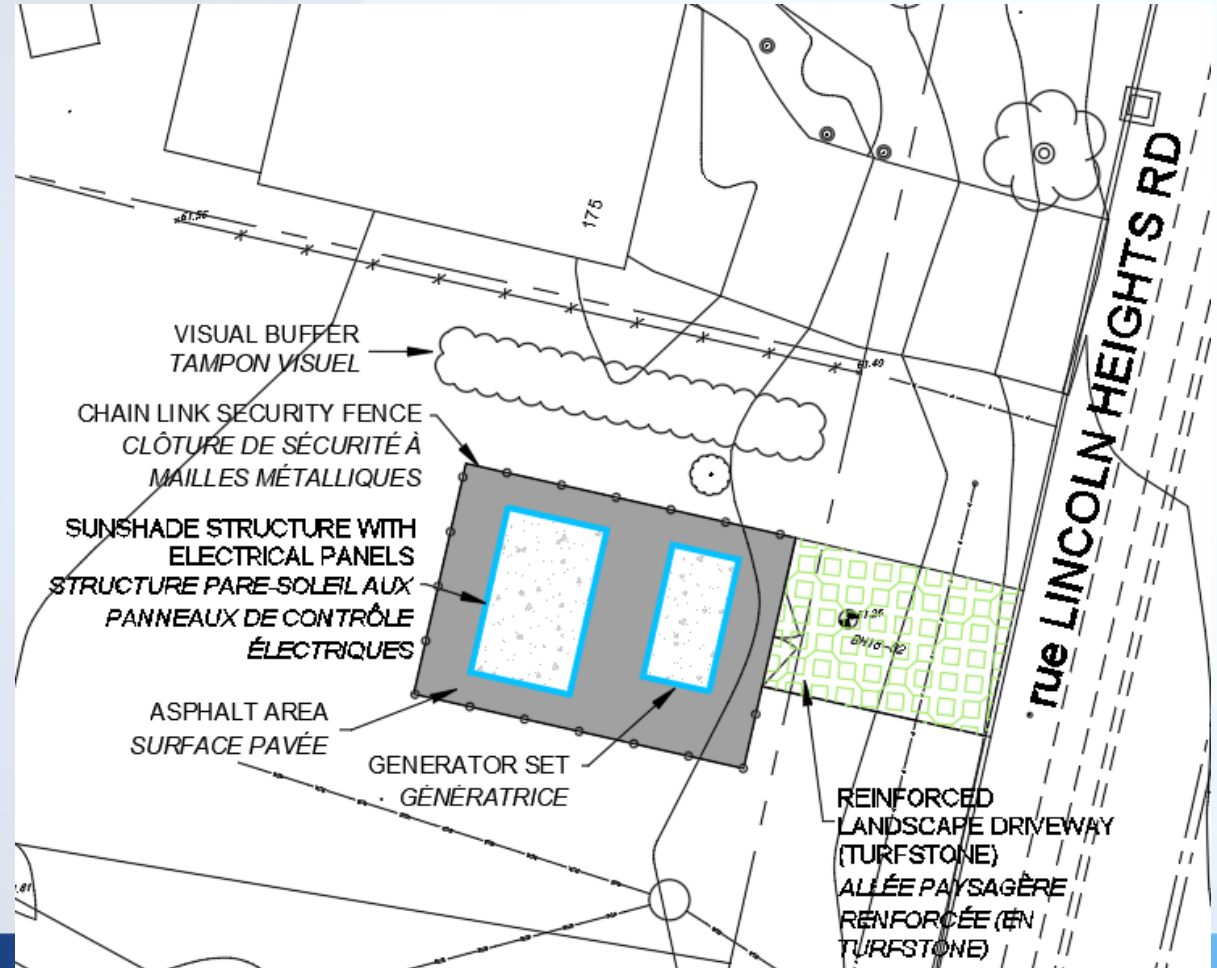
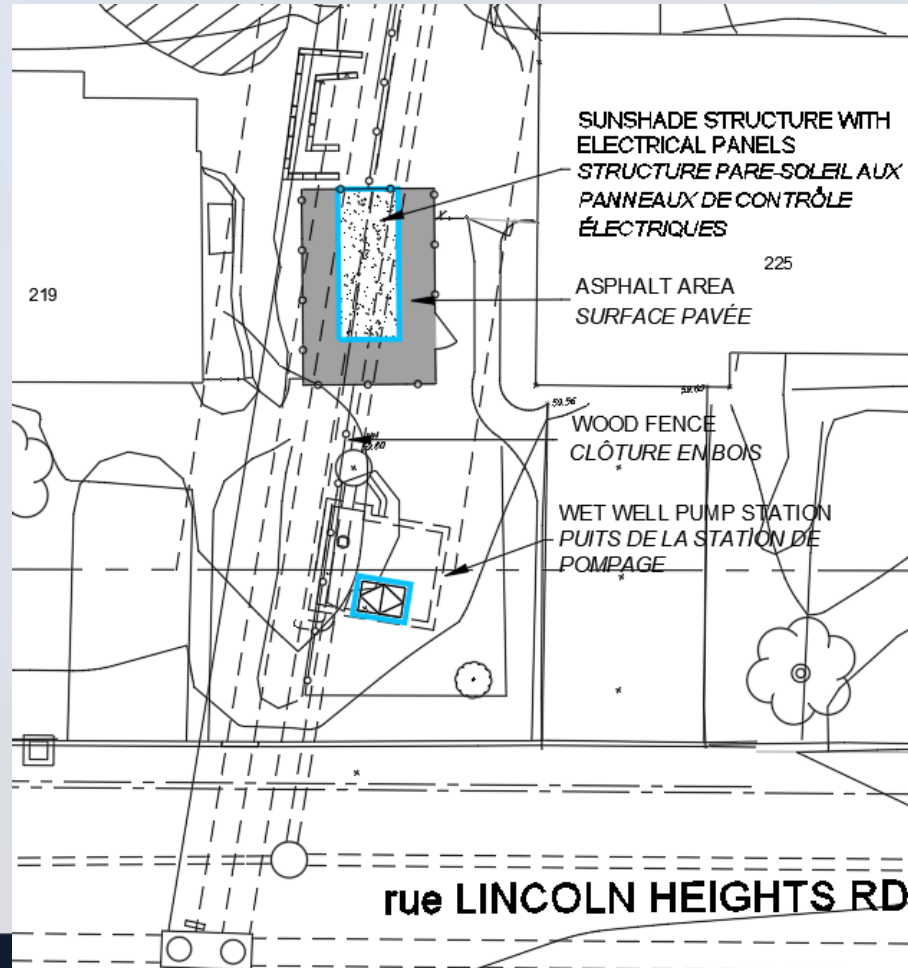
# Project Site Plan – Pooler PS

## Site Plan (Station)



# Project Site Plan – Lincoln Heights PS

## Site Plan (Station)



# Anticipated Construction Impacts and Timing

## Traffic Management During Construction

- Traffic will be maintained during construction by using temporary lane closures or lane shifts.
- There will be temporary traffic disruptions and parking restrictions (no parking permitted within working zone). Temporary Parking Permits will be issued where required.
- The City is working to minimize traffic impacts.

## Construction Impacts on Property

- As a result of construction and new design features, there will be impacts to the City's right of way near properties within the project area. Some of these impacts will include:
  - The removal and replacement of grass, trees, shrubs and fences (other features in some cases). The project team is working with Forestry Services and new trees will be planted or trees will be relocated as part of the landscaping plans.
- Access to driveways will be maintained at all times throughout the work.



# Anticipated Construction Impacts and Timing

## Construction Timing – Summer 2021 to Summer 2022

- Receive comments and complete final design in spring 2021.
- Tentative construction is expected to start in summer 2021 and continue into summer 2022
  - Actual construction schedule may vary as it is dependent on the award of the Contract to a Contractor.
- Project budget commitment – approximately \$8.5M

# Thank you

Thank you for reviewing the project's information boards. We encourage and welcome your feedback on the detailed design.

Please email your comments or concerns to the address shown below by **May 6, 2021**.

## **City Project Manager**

**Michael Thivierge, P. Eng., PE**

Senior Engineer

Design and Construction - Facilities

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