Rockcliffe Control Station

Project overview

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Rockcliffe Control Station

- Proposed station overview

- Proposed station design concept and project timelines

- Regulatory framework and applications

  – Environmental assessments and studies

  – Public notification and engagement

  – Next steps

- Q&A

Rockcliffe control station

Proposed station overview

The natural gas grid in the Greater Ottawa region is comprised of a lengthy extra high pressure gas system that carries gas from two Trans Canada transfer points:

- Ottawa Gate Station

- Richmond Gate Station

These lines are referred to as vital gas mains. Their primary function is to carry large volumes of gas lengthy distances so that it can be pressure reduced and distributed through regulation stations to supply industrial and commercial customers as well as residential homes.

Legend

⎯	IMP
⎯	NEB
⎯	VITAL
G	Gate
D	District

4
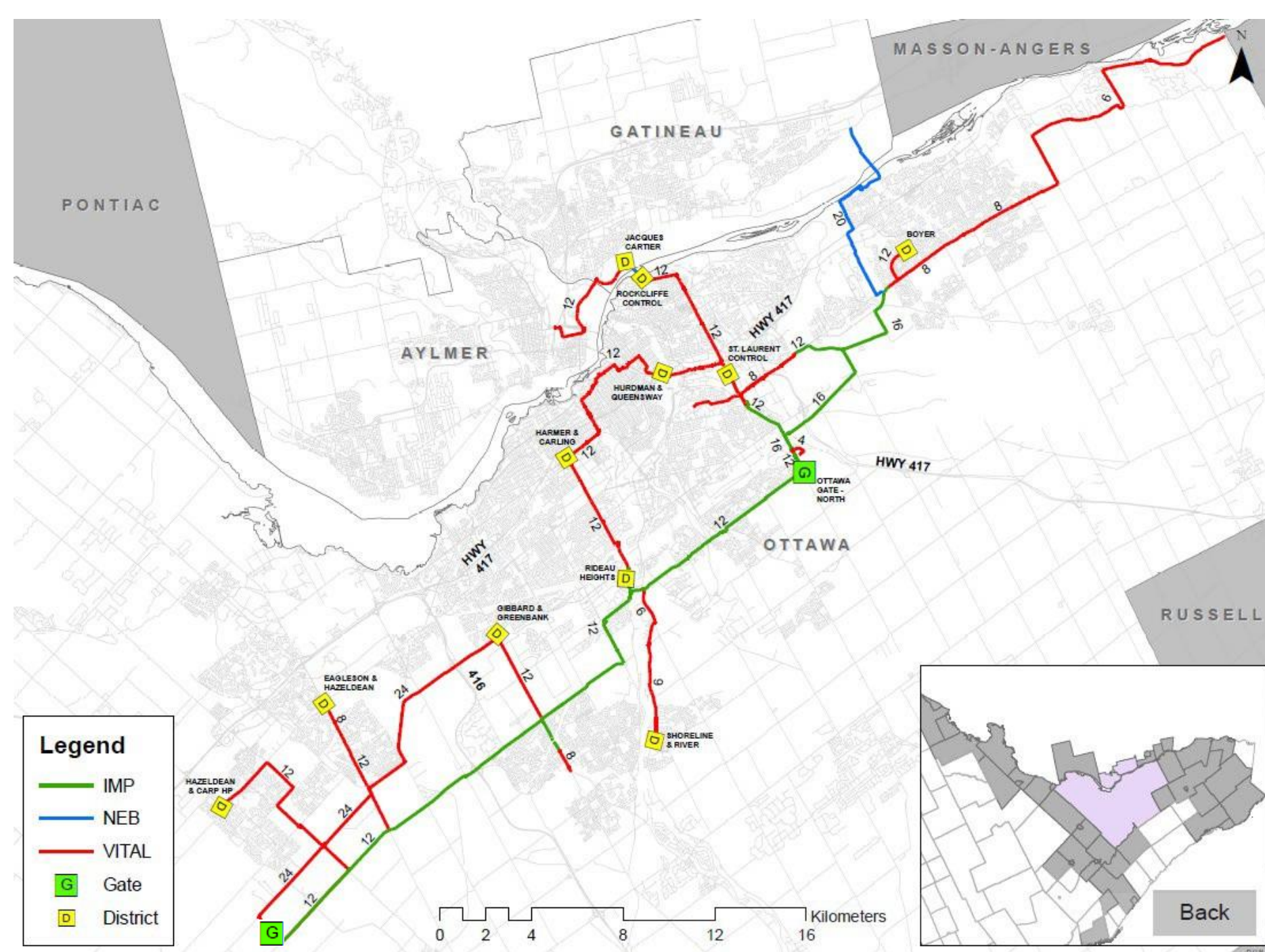
The vital pipeline (gas main) known as St. Laurent is an important component of the region's natural gas grid and consists primarily of 12" diameter pipe that receives most of its gas from the Ottawa Gate Station.

This main is responsible for supplying the majority of downtown Ottawa and provides the primary feed into Gatineau, Quebec.

Legend
— IMP
— NEB
— VITAL
G Gate
D District

5

Jacques Cartier
Metering Station

Rockcliffe Control
Station

Existing Layout

Existing Layout

NPS 12 SC XHP Inlet (275psi / 1896kPa)
NPS 16 SC HP Outlet (175psi / 1207kPa)

Jacques Cartier
Metering Station

Rockcliffe Control
Station
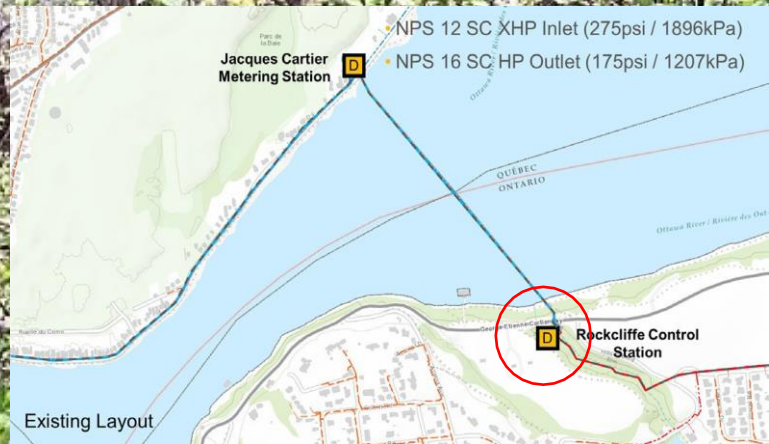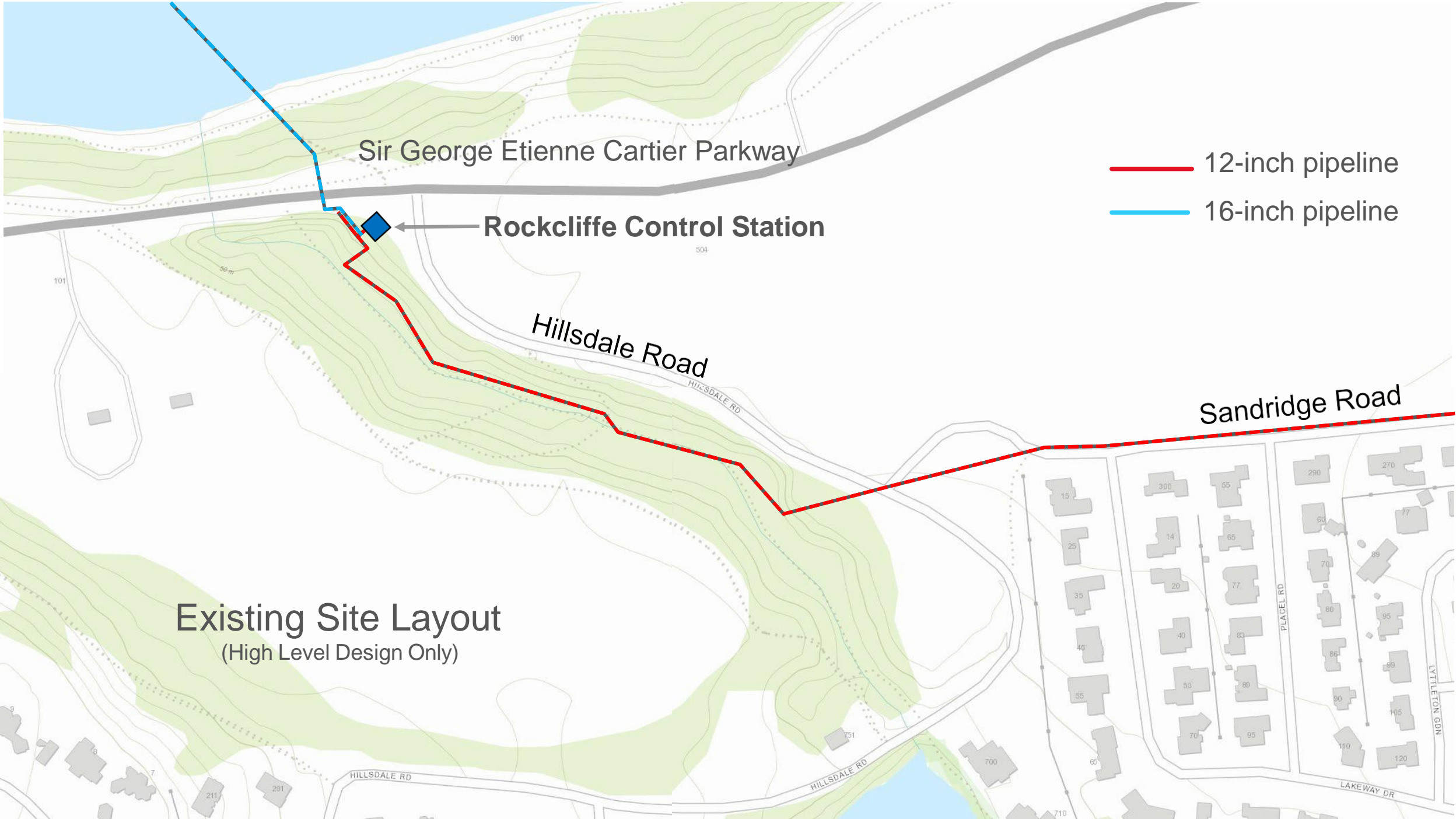
Sir George Etienne Cartier Parkway

Rockcliffe Control Station

12-inch pipeline

16-inch pipeline

Hillsdale Road

Sandridge Road

Existing Site Layout
(High Level Design Only)

Station Layout Options
(High Level Design Only)

Sir George Etienne Cartier Parkway

Old Rockcliffe Control Station

Jacques Cartier Metering Station

Rockcliffe District Station

Hillsdale Road

Sandridge Road

New Rockcliffe Control Station

Proposed Site Layout
(High Level Design Only)
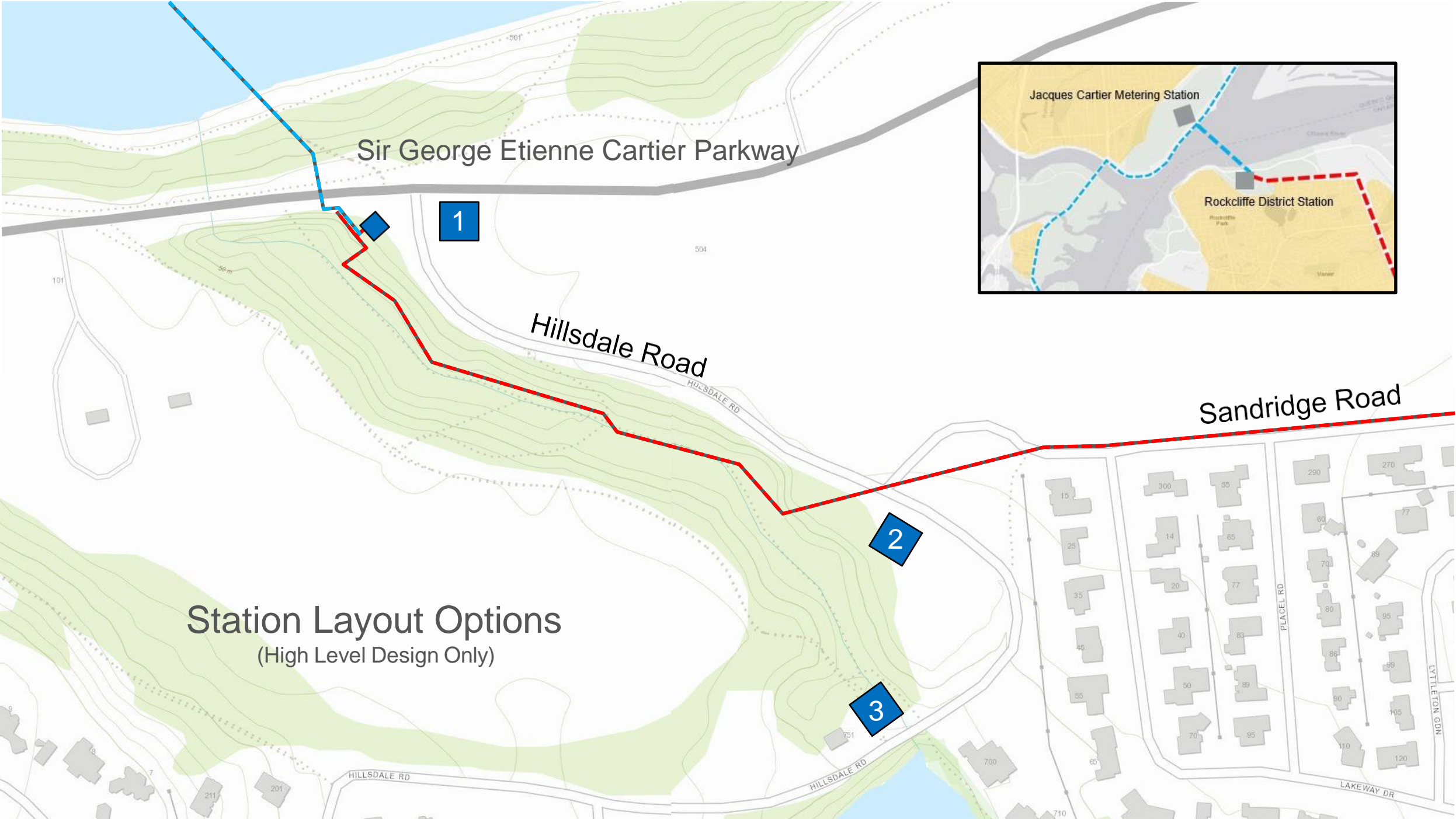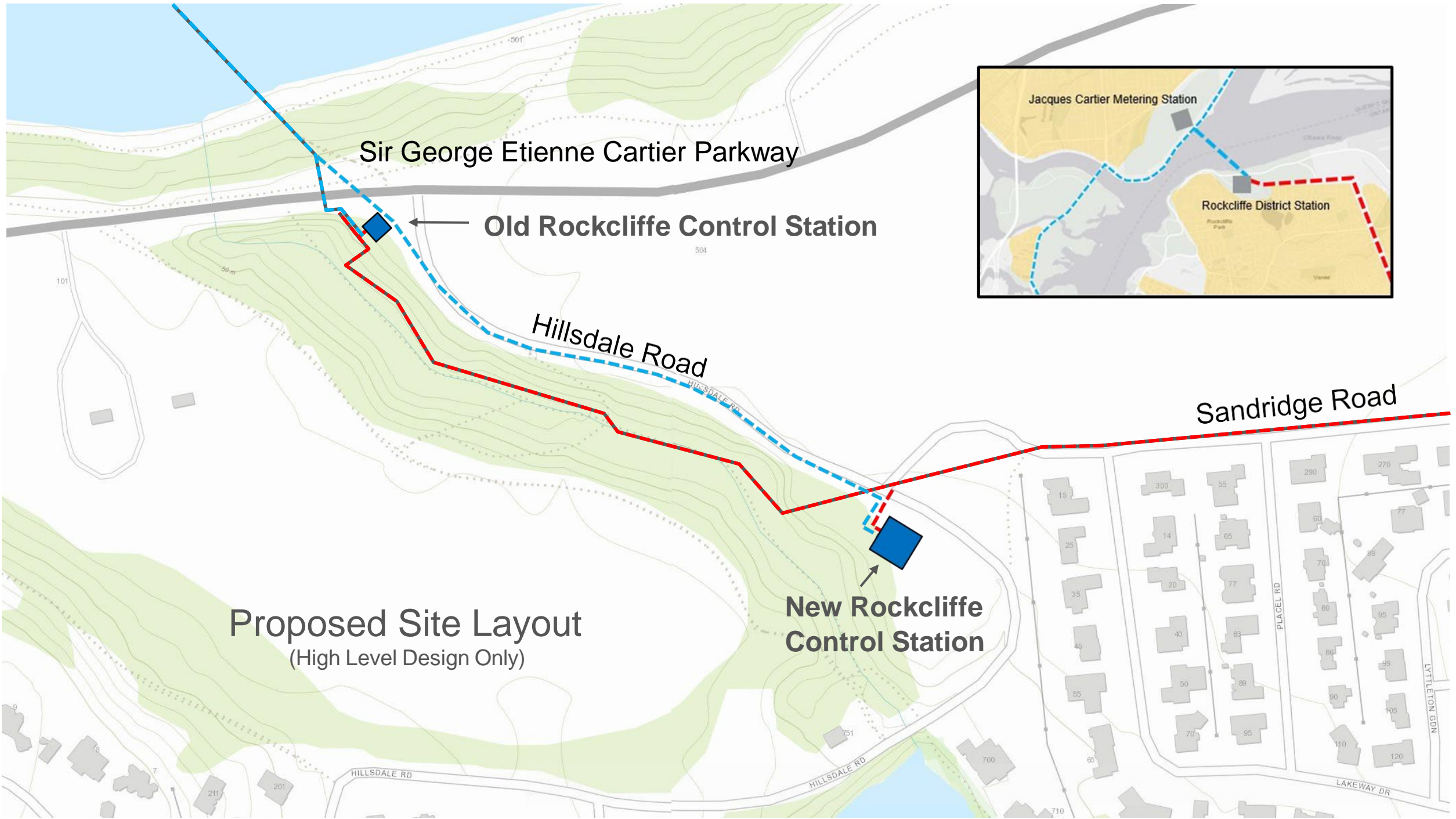
Rockcliffe control station
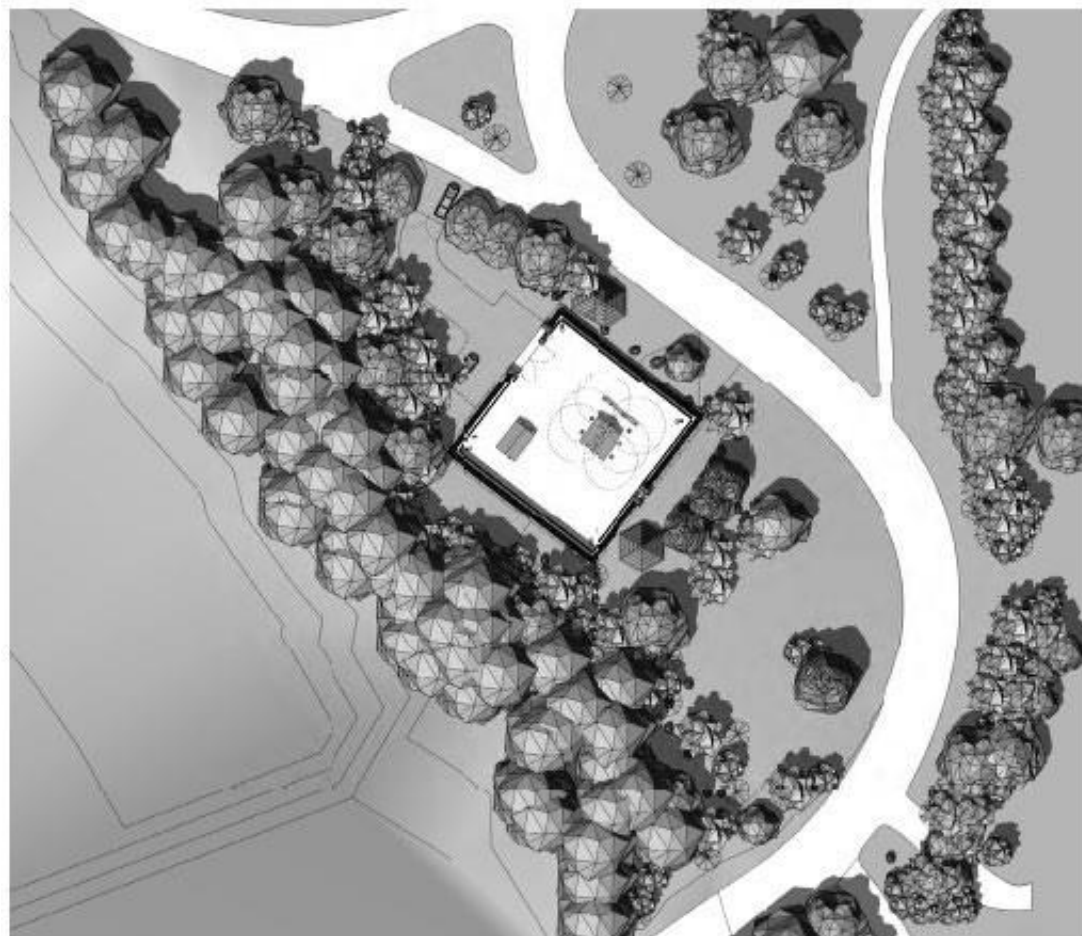
Proposed design concept
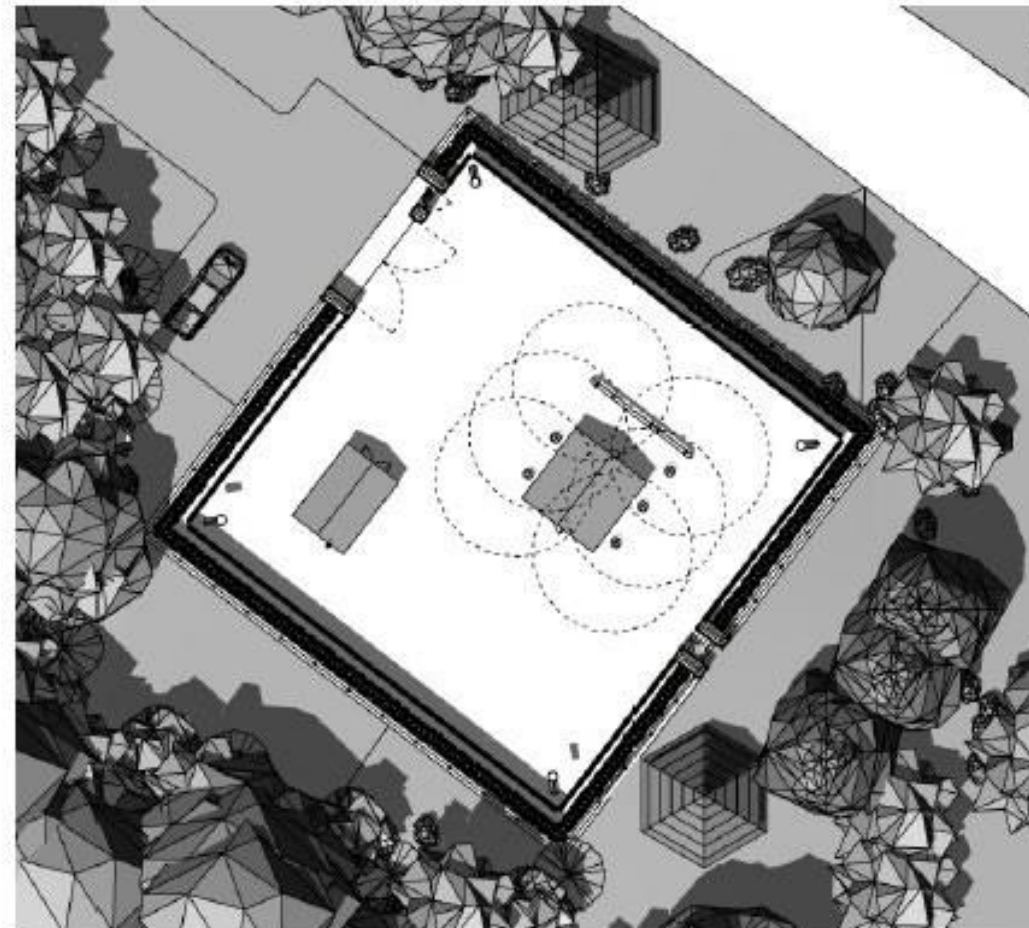
AREA SERVICE BUILDINGS

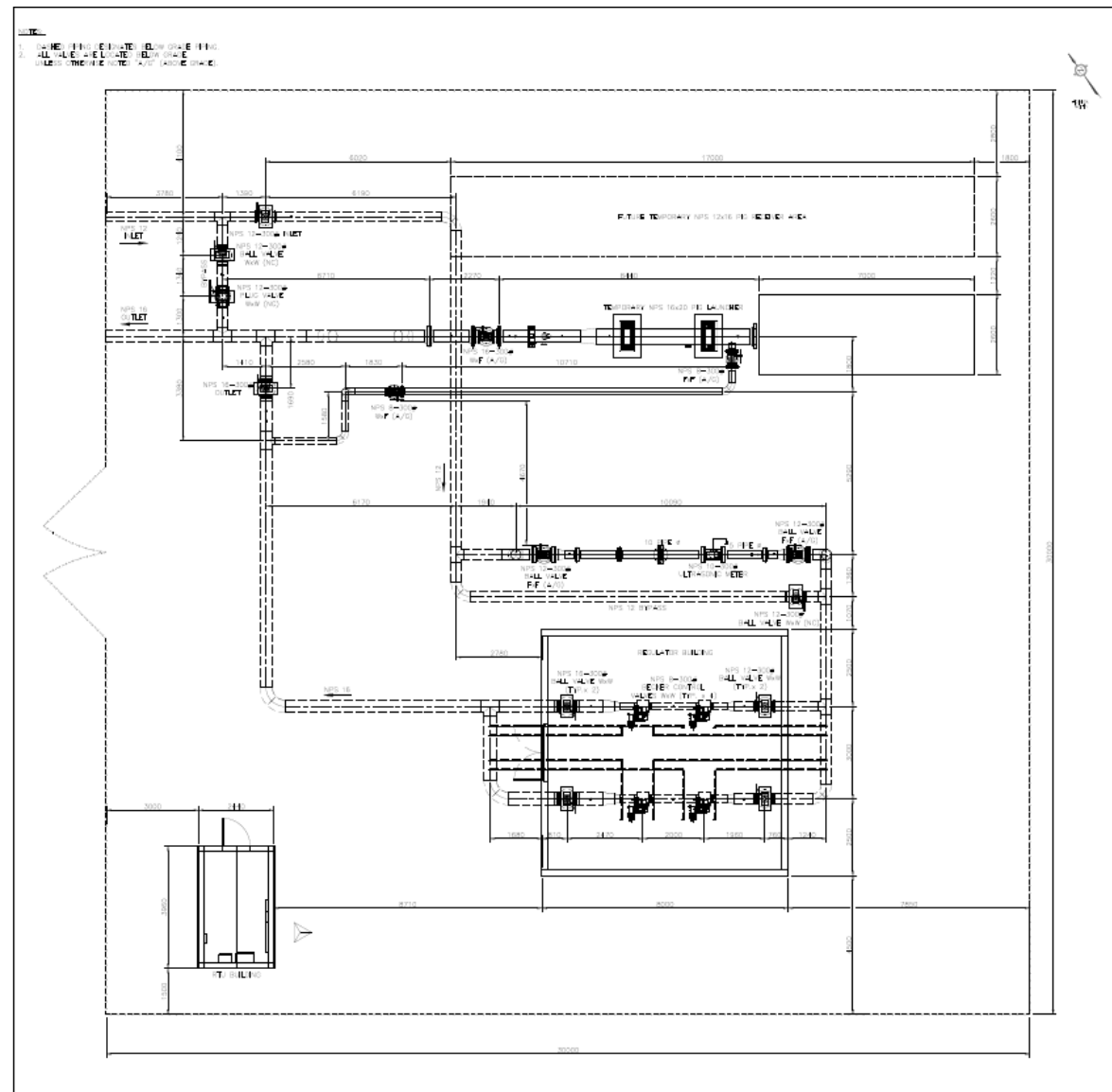SEMI-PERMEABLE PAVING OPTIONS

ROCKCLIFFE PARK - BOUNDARY PRECIDENTS

ROCKCLIFFE PARK - PROPOSED STATION

ROCKCLIFFE PARK - POSSIBLE STATION CONFIGURATION

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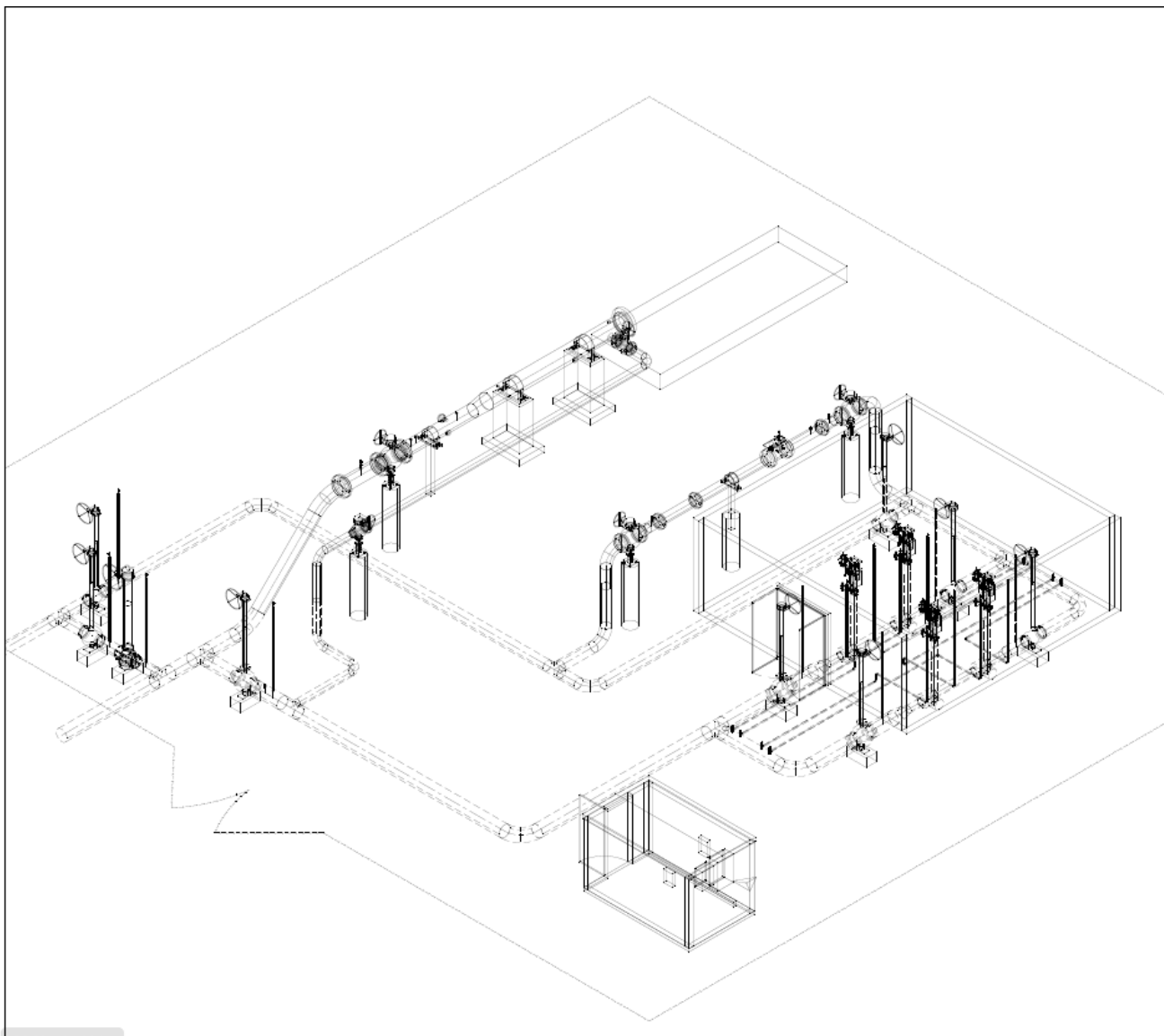
Rockcliffe control station

Regulatory framework

Regulatory framework and applications

National Capital Commission (NCC)

- Federal Land Use, Design and Transaction Approval (FLUDTA) required under the National Capital Act.

- Determination on whether the Project is likely to cause significant adverse environmental effects is required under Section 82 of the Impact Assessment Act for projects on federal land and the NCC is the responsible federal authority for making this determination.

- Project components on NCC-owned land are part of this application.

Canada Energy Regulator (CER)

- Approval under Section 214(1) of the *Canadian Energy Regulator Act* required for construction and operation. Enbridge Gas will be submitting an environmental and socio-economic assessment (ESA) with the Section 214(1) application. If approved, the CER will issue an Order allowing the Project to proceed with conditions.

- Approval under Section 45.1 of the *Onshore Pipeline Regulations* is required for decommissioning. The environmental assessment for this application will be included in the ESA submitted with the Section 214(1) application.

- Project components after the inlet valve from Rockcliffe Station to Jacques Cartier Control are part of this application.

Ontario Energy Board (OEB)

- A Leave to Construct application is not required as OEB regulated pipeline portion is below application thresholds

Rideau Valley Conservation Permit

City of Ottawa

- Installation permit and rezoning

Environmental studies

Studies and work to be completed:

- Air Quality Assessment

- Noise Assessment

- Butternut Health Assessment

- Tree Inventory and Tree Conservation Report

- Environmental Characterization (Natural Environment Summary Report)

- Phase 1 Environmental Site Assessment

- Stage 2 Archaeology Assessment for Canadian Energy Regulator (CER) scope

- Geotechnical work to support a Stormwater Management Plan and an Erosion Sediment Control Plan
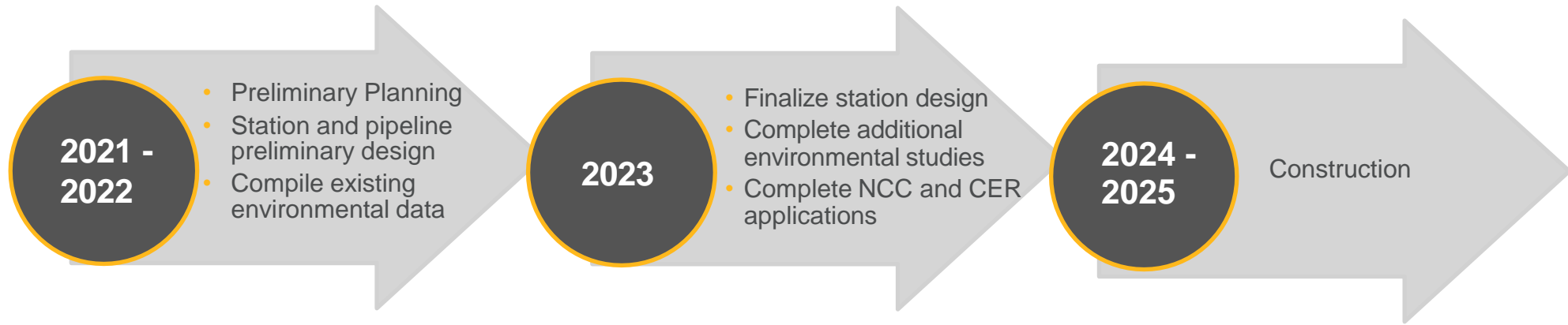
Previous studies to be summarized:
- Several studies were completed as part of the St. Laurent Pipeline Project.

The results of the studies above and the St. Laurent Pipeline Project studies will be summarized in an Environmental and Socio-Economic Assessment Report for the CER and an Environmental Characterization Report and Environmental Effects Evaluation for the NCC will be prepared for the regulatory applications.

Rockcliffe Control Station – Project Schedule

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2021 - 2022
- Preliminary Planning
- Station and pipeline preliminary design
- Compile existing environmental data

2023
- Finalize station design
- Complete additional environmental studies
- Complete NCC and CER applications

2024 - 2025
Construction

Updates about this project will be shared at enbridgegas.com/Rockcliffe

Q&A

Thank you