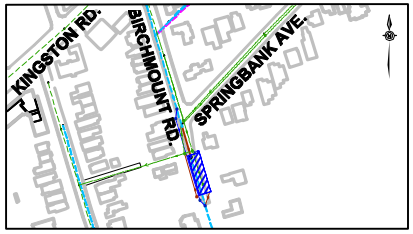
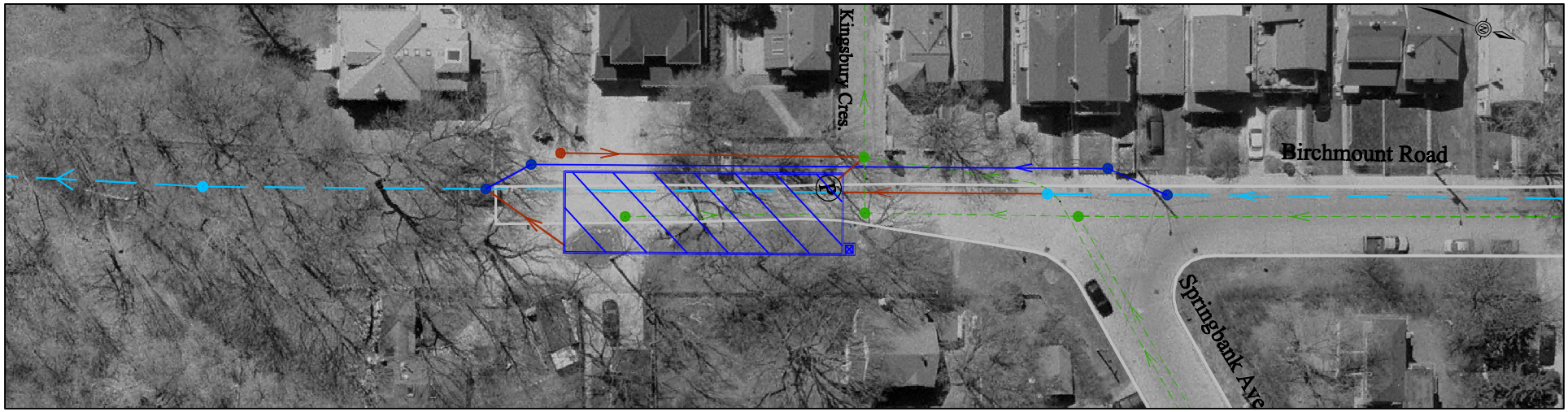


PROPOSED LOCATION OF BIRCHMOUNT ROAD UNDERGROUND COMBINED SEWER OVERFLOW STORAGE FACILITY



General

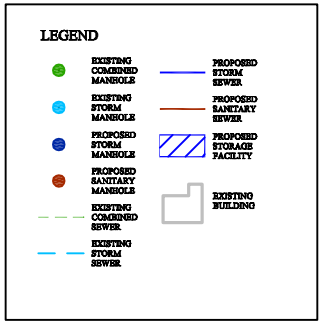
The required storage volume for the proposed underground storage facility is 1,000m3. The facility needs to be located downstream of Springbank Avenue and Birchmount Road as this is where the combined sewer overflow is located.

Site Selection

The preferred location for the proposed underground storage facility is shown on the above figure. Several potential locations in this general area were considered.

The primary reasons for selecting this location are provided below:

- the proposed facility is located within municipal lands
- the impact on existing vegetation will be minimized
- traffic disruption will be minimized
- the impact on adjacent residents with respect to service disruption and access/egress will be minimized
- the selected site is cost effective and meets the technical considerations
- odour and noise control issues will be minimized
- temporary access to and from the waterfront may still be maintained



Aquafor Beech Limited

MANAGER, OPERATING DIVISION

No.	DATE	REVISIONS	INITIAL	SIGNED

TECHNICAL SERVICES DIVISION
Engineering Services - Works Facilities & Structures

ANTHONY PAGNANELLI,P.ENG
DIRECTOR of TECHNICAL SERVICES EMERGENCY SERVICES

MICHAEL D'ANDREA,P.ENG
DIRECTOR, WATER INFRASTRUCTURE MANAGMENT

PETER CROCKETT, P.ENG
EXECUTIVE DIRECTOR TECHNICAL SERVICES

Birchmount Road Underground Storage Tank

Underground CSO Tank (Preliminary Design Not for Construction)

City of Toronto

Aerial View

DESIGN:	PT/DM	DRAFTING:	JH	CHECK:	PT	CONTRACT No.
SCALE:	AS SHOWN			DRAWING NUMBER:		SHEET No. 4 of 4
DATE:	May 2010					

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