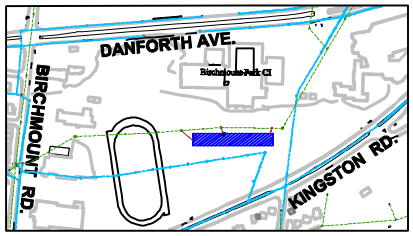
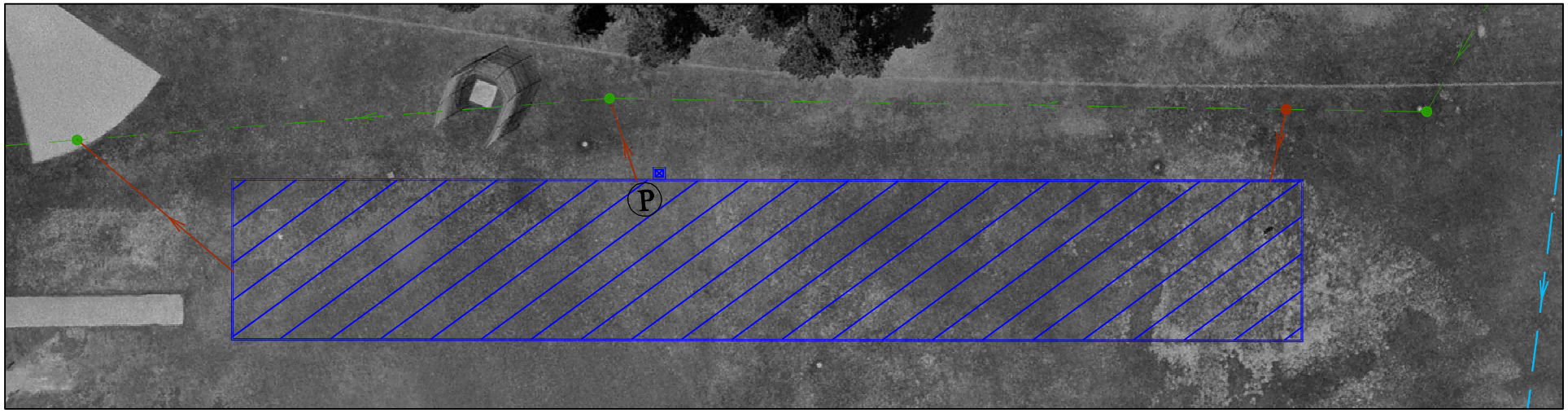


PROPOSED LOCATION OF BIRCHMOUNT PARK UNDERGROUND COMBINED SEWER OVERFLOW STORAGE FACILITY



General

The required storage volume for the proposed underground storage facility is 8,000m3. The facility needs to be located within Birchmount Park in order to intercept combined sewer overflow.

Site Selection

The preferred location for the proposed underground storage facility is shown on the above figure. Several potential sites, in and adjacent to Birchmount Park were considered.

The primary reasons for selecting this location are provided below:

- the proposed facility is located within municipal lands
- there will be no impact on existing vegetation
- there will be limited impact on existing recreational facilities
- construction, if undertaken in late fall/winter will have minimal impact in park
- the selected site is cost effective and meets the technical considerations
- odour and noise control issues will be minimized

LEGEND

- EXISTING COMBINED MANHOLE
- EXISTING STORM MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- EXISTING COMBINED SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED STORAGE FACILITY
- EXISTING BUILDING

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 Park 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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