



Conestoga-Rovers & Associates **Project Summary**

KEY PROJECT ELEMENTS

- **Site Servicing Design**
- **Stormwater Management Design**
- **Green Roof Design**
- **Landscape Design**
- **Project Targeting LEED® Gold Accreditation**

VAUGHAN CIVIC CENTRE VAUGHAN, ONTARIO

The City of Vaughan is redeveloping their existing civic centre lands located on Major Mackenzie Drive in Vaughan, Ontario, to address long-term space limitations. Three phases of development are planned for these lands. Phase 1 is the construction of the main civic centre building, associated parking, and a signalized entrance on Major MacKenzie Drive. Phases 2 and 3 consist of building a library, a civic centre expansion building, reflective pool/skating rinks, and leisure and park space. The site is in the second year of construction with the completion of Phase 1 projected for the end of 2008.

CRA prepared the site servicing design from the schematic design stage through to construction. Site servicing includes stormwater management, sanitary capacity analysis and servicing, potable and fire fighting water servicing, and detailed grading and drainage.

The project involves coordination with several consultants, the clients, their works staff, Toronto Region Conservation Authority, York Region, Ontario Ministry of the Environment, and others. The total site area is approximately 10.5 hectares and the Phase 1 construction budget is approximately \$90 million. This project is targeted to achieve LEED® Gold status. The design process includes incorporating environmental considerations and energy efficiency. CRA is responsible for the following LEED®-related design features: erosion and sediment control, stormwater management, landscaped areas, bio-swales, stormwater quantity and quality control ponds, and oil-grit removal chambers.

CRA also provided LEED®-related guidance on the use of green roofs on this project.

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