



Conestoga-Rovers & Associates Project Summary

KEY PROJECT ELEMENTS

- Stormwater Management Plan and Design
- Floodplain Rehabilitation Design
- Project Targeting LEED® Accreditation

FIRST LEASIDE SECURITIES OFFICE BUILDINGS UXBRIDGE, ONTARIO



CLIENT: FIRST LEASIDE SECURITIES INC.
DURATION: 2006 AND ONGOING

CRA was retained by First Leaside Securities to prepare a stormwater management plan for their proposed office building in Uxbridge, Ontario. Design of the site is being prepared in conjunction with Rounthwaite Dick and Hadley Architects Inc.

The building is on the site of a former commercial grain distribution facility adjacent to Uxbridge Brook and represents a brownfield redevelopment opportunity. The stormwater management plan developed for the property incorporates a treatment process featuring a green roof building, oil/grit interceptors, infiltration/percolation galleries, and surface/subsurface detention storage. The plan also offers polishing treatment through the restoration of a formerly filled floodplain to create a biologically functioning series of pools to treat runoff from the site. The proposed floodplain rehabilitation will also provide additional floodplain storage during storm events greater than the 2-year storm. The plan provides excess treatment capacity that will be used by the municipality to treat runoff from Brock Street prior to any discharge into the brook.

This project is targeted to achieve LEED® Silver or Gold status. The design process includes incorporating environmental considerations and energy efficiency.

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