

Kara St. Hillaire.

Project Designer

Kara St. Hillaire, C.E.T., has been working in Civil Engineering since 2012 and has experience creating and managing various aspects of site plan design including writing functional servicing and stormwater management reports as well as creating site grading, site servicing and erosion and sediment control drawings. Kara also has experience in road and trail design along with the preparation of earth excavation quantities, material calculations and cost estimates. With a background in graphic design, Kara is also experienced in preparing a variety of infographics to relay proposed engineering plans, municipal assets, road cross-section visualizations and other engineering concepts to the public

Land Development Experience

105 Queen St., Clarington – Project Designer responsible for the preparation of the Stormwater Management Report and detailed design, in support of a Site Plan Application, for a low-rise retirement residence. The complexities associated with this development included mitigating the thermal impacts of the stormwater runoff to a creek identified as a coldwater fishery and providing underground chambers for stormwater storage with controlled release.

875 Queen St. E., Toronto – Project Designer responsible for the preparation of the Functional Servicing, Stormwater Management Report and detailed design for a mixed-use development, in the City of Toronto. This included site plan design and submission in support of re-zoning and site plan application; all in accordance with the City's wet weather flow management guidelines.

392 Main Street, Hamilton – Project Designer responsible for the preparation of the Functional Servicing and Stormwater Management Report for a mixed-use development. Project included a multi-disciplinary coordination with all consultants involved with assessing the municipality's sanitary sewer capacity.

1452 Wellington Road E. Aurora – Project Designer responsible for the preparation of a Stormwater Management Report for a 30-unit low-rise development. This included site plan design and submission in support of re-zoning and site plan application; all in accordance with the Lake Simcoe's and Region Conservation Authority's SWM policies.

Education

- Hons. BES, York University, 2010
- Adv. Diploma in Civil Engineering Technology, Seneca, 2012

Professional Affiliations

- Certified Engineering Technologist (C.E.T.) with the Ontario Association of Technologists and Technicians (OACETT)

Skills

- Proficient in AutoCAD Civil 3D, Adobe Photoshop & Illustrator
- Working Knowledge of GIS

