

Ian J. Ketchum, P. Eng.
Municipal Engineer

Education

University of Alberta – B. Sc., Civil Engineering, 1996

Registrations

Professional Engineer – Province of Alberta

Experience Summary

Immediately after graduating from the University of Alberta with a Civil Engineering degree, Mr. Ketchum began his employment as an engineer-in-training for Beairsto, Stewart & Weir, mentoring under Mr. Lehnrs. After two years in that position, he became a partner and began his role as municipal engineer for Beairsto, Stewart & Weir, focusing primarily on municipal land development with a detailed focus on all aspects of design, construction and management. His experience has seen a wide variety of large urban and rural applications. Recently, Mr. Ketchum has been taking a more active role in co-managing the engineering department with Mr. Lehnrs.

Representative Projects

Creekside Development – Developer (Creekside Land Corp.) – Municipality (City of Grande Prairie). Project Engineer responsible for coordinating the design and construction of this development, which comprises 80 acres consisting of manufactured home bareland condominium, a multi-family site and a commercial site. The development included coordination with all related governing bodies to secure both approvals of planning and subdivision processes for the project. The project included the detail design and construction of the associated storm, water and sewer infrastructures. The project involved an internal road network as well as reconstruction upgrades to existing City roads.

Woody Channel Upgrade – Developer (City of Grande Prairie) – Municipality - City of Grande Prairie. Responsible for the design and management of this 3 kilometer, \$2.5 million dollar storm channel upgrade which services over 1400 ha of land, including the east side of the City. Mr. Ketchum introduced the concept of using the channel for a dual purpose of a stormwater carriageway, as well as a storm retention mechanism. The concept of using the channel as a regional retention pond reduced adjacent developer costs in both land use savings as well as infrastructure costs. The project included lengthy coordination with all related governing bodies and landowners to secure approval. The project required extensive environmental, biophysical and geotechnical investigations which were done in collaboration with Nichols Environmental.

Wynngate Manufactured Home Residential Development – Developer (Prudential Lands) – Municipality (County of Grande Prairie - Clairmont). Project engineer responsible for coordinating the design and construction of this municipal development, which included 70 acres of a municipally designed manufactured home community. The project involved the initial planning and layout followed by multi-phases of detailed design, approvals, and construction. Design and implementation of a feature wet pond to provide fill and adequate drainage of lowlands is the defining feature of this project.

Westgate Business Park – Developer (FN Partners Limited Partnership) – Municipality (City of Grande Prairie). Project engineer responsible for coordinating the completion of all related design reports for this 240 acre development consisting of large scale commercial, industrial, high density multi-family and some single family residential. Working in collaboration with IBI group to complete the required Area Structure and Outline Plans. Will be the project engineer for all detailed design and subdivision applications for upcoming phases.

- **Numerous road designs for rural subdivisions**
- **Numerous field supervision/inspections**
- **Numerous detailed engineering plans for commercial, industrial and residential developments within the City and County of Grande Prairie**
- **Experienced in storm water modeling (Xpswmm)**
- **Numerous design studies for sanitary and storm infrastructure**
- **Numerous 1:100 year flood plain assessments**