

About KAL ...

Keewatin-Aski Ltd. (KAL), founded in 1984, provides professional engineering and architectural consulting services. Our commitment to unsurpassed quality and client service has earned a solid reputation for delivering cost-effective and sustainable approaches to project assignments.

We are licenced to practice in Architecture (OAA) and Engineering (PEO) in the Province of Ontario.

The quality services that we consistently deliver to our clients

are derived from our human resource structure based on senior level professionals supported by an experienced group of engineers, architects and technologists.

Projects of every scale and complexity are assigned to a senior level KAL professional who maintains direct involvement from project initiation through to completion. This project management style combined with our client centered approach has forged long-standing associations with our clients.

*Our KAL team will start with
your vision and then work
closely with you to advance
your project by ...*

Crafting Inspired Design



How We Work

As a medium-sized firm we have the ability to organize the project such that the Project Manager and other senior personnel are directly involved in all aspects. We will utilize our senior Project Manager along with our other professional staff who collectively have the appropriate experience with the specific project category. With this commitment to direct involvement of senior staff, you will obtain the highest level of professionalism and consistency.

We recognize that the success of this project is directly related to how well we understand the existing systems and the overall proposed scope. We will utilize a collaborative process and build on our Project Team's broad experience through consultation with the Project Team and authorities having

jurisdiction. By focusing on making the project fit the needs of the individual users and desired image we will develop design solutions that are versatile while keeping the project rooted within its surrounding environment.

The KAL Team is largely comprised of senior project personnel supported by very capable technical staff, all who have extensive experience related to your projects. You will be working directly with Northwestern Ontario based Team members who are available to start work on the project immediately.

Direct Involvement of Senior Staff

Client-Centred Approach

Keewatin-Aski Ltd. has served Ontario clients for over thirty years. The firm's policy is to keep the client closely involved with all phases of a project and to be available for follow-up assistance once the project is completed. This policy along with the professional services delivered to our clients ensures that we will remain as one of the top firms in Northern Ontario for years to come. We are committed to providing the best service possible.

In addition to adhering to our work plan, our methodology for

delivering projects is aimed at uncovering the personality of each project, revealing its unique characteristics and opportunities. With this as a starting point, we work with the detailed requirements of the client team to form an integrated design process that directs the creative design process. In this way our design method is founded on assessment of relevant conditions and the client's vision which underpins the project. Our methodology will deliver a building and environment that resonate with both a sense of comfort and client image.

Why Engage KAL?

Architectural Services: We are passionate about the spaces we inhabit. Architects lend a high level of planning and technical expertise to the building process. We also have the capacity to ensure the buildings you live in, work in and play in enhance your everyday life experience. We are committed to providing architectural solutions that meets our clients' functional requirements, respect our shared environmental responsibilities and supports our desire to dwell in a meaningful way.

Engineering Services: Our engineers are committed to delivering customized solutions to make your world a better place. We are problem solvers who assist our clients in meeting the challenges of improving your environment, community and work space. Our collaborative work with our clients crystallizes the end result of improving people's lives and creating designs that perform in an efficient and sustainable manner.

Architectural Design

Keewatin-Aski Ltd. provides comprehensive architectural design services tailored to meet the divergent requirements of each project. Our client-centered design process has been shaped by more than 30 years of practice. Our talented design team will develop a project implementation strategy aligned with our client's needs, based on project budgets and timelines. We shape each project solution based on a detailed analysis of need, environmental setting, site parameters, and our unique comprehension of our client's spatial requirements. With each client's continued participation through detailed design and construction stages, a distinct architectural expression evolves.

Many projects are now striving to meet LEED® certification. KAL has the expertise to deliver Green Building principles to your project and obtain LEED® certification.

We offer comprehensive professional expertise in a full range of architectural and design services. Our primary markets for delivery of Architectural Design services includes:

Educational Facilities	Air Terminal Buildings
Government Buildings	Health Care Facilities
Courthouses	Churches
Residential Housing	Arenas
Cultural Facilities	Fitness Centres
Police Stations	Commercial Buildings
Hotels/Motels	Professional Offices



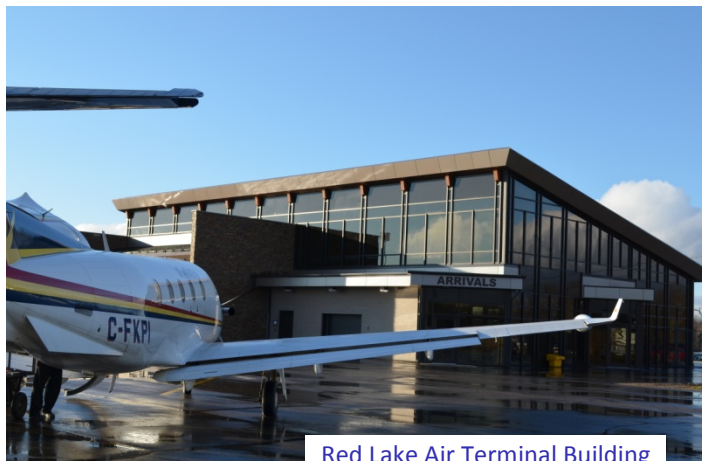
Sioux Lookout Courthouse



Obishkokaang Elementary School



New KAL Office Building



Red Lake Air Terminal Building

Civil Engineering

The essential facilities, services and installations required for the functioning of a community rely on qualified professional services from concept stage to constructed project. The KAL team provides cost effective solutions for meeting public infrastructure challenges that are designed to create a sustainable natural and built environment.

Our Civil Engineering services include:

Water Treatment Facilities

Sewage Treatment Facilities

Water Storage and Distribution Systems

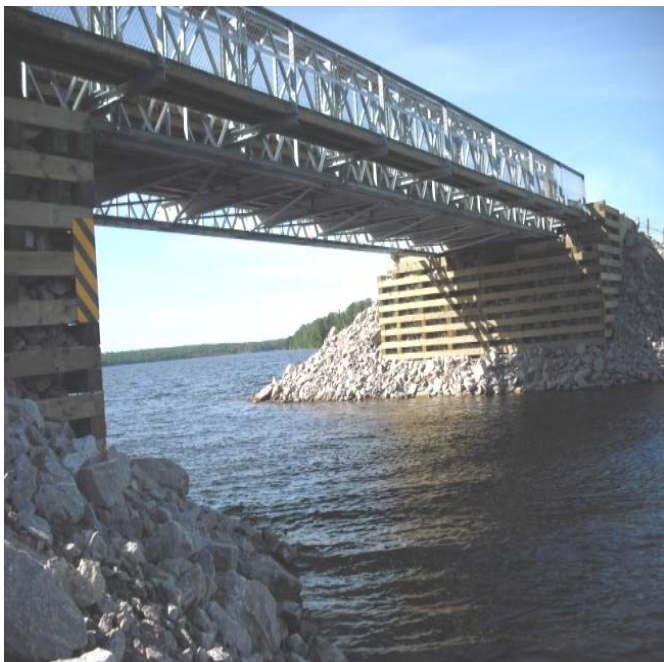
Sewage Collection Systems

Transportation

Storm Water Management

Municipal Solid Waste Management

Structural



Management and Inspection Services

The spectrum of our services reaches beyond design. KAL delivers unmatched support throughout implementation of your project. Our capabilities cover the following areas:

Contract Administration

Project Management

Inspection

Commissioning

Building Thermal Scans

Building Air Tightness



Survey and Material Testing

KAL provides Survey and Material Testing to measure your environment and check the quality of construction.

Our services include:

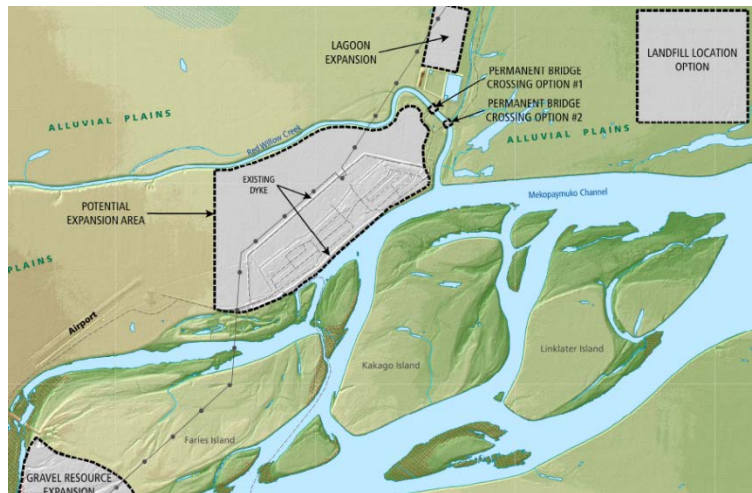
- **GPS and Total Station Surveys:** Utilizing GPS and total station surveying instruments KAL performs engineering survey services. Whether you require topographic information or grade/alignment checks we have the resources to chart your environment.
- **Granular Compaction Control (Nuclear Densometer):** Compaction tests on granular fill material used to support structures are an essential component of quality assurance at the construction site. KAL uses nuclear densimeters to provide rapid quality control checks on granular compaction in the field.
- **Certified Concrete Field Testing:** Construction industry practice typically requires cast-in-place concrete to meet the standards set in CSA A23.1. Our techs are certified to field sample and test concrete in accordance with CSA A23.1.



Planning & Assessment Studies

KAL provides a range of services relating to Planning and Assessment Studies. Our focus in delivering support in these areas is to set forth sustainable solutions that meet today's needs while at the same time not compromising future conditions.

- Community Planning:** Community Planning is an essential process for establishing core needs and setting a blueprint for future development and growth with public participation. It is key to provide realistic approaches that can be implemented without encountering major roadblocks. A balance between cost effectiveness and delivering the community vision must be achieved. KAL has extensive experience with the development of comprehensive community plans. Community plans are typically updated at 5 year intervals to adapt to the vision dynamics of the community.
- Environmental Assessments:** We provide environmental assessments for federally funded projects as required under the Canadian Environmental Assessment Act and Class Environmental Assessments as required under the Ontario Environmental Assessment Act.
- Building and Infrastructure Condition Assessments:** It is vital to plan for building and infrastructure long-term sustainability. The pay-as-you-go approach which is used by many communities and building property managers eventually results in spiraling costs when life cycles are exceeded. KAL works with organizations and communities to prepare building and/or infrastructure asset inventories, condition surveys, and assessments that are used to design master plans for identifying and prioritizing repairs, upgrades and replacement plans.
- Traffic Studies:** As a precursor to implementing a roadway project or land development project, many regulatory agencies require a study of the Traffic Impacts of the project. Traffic analysis such as traffic counts, forecasting, level of service analysis, signal warrant analysis and signal design are provided by KAL. The information is used to produce Traffic Impact Studies that determine requirements for design.



Contact Us



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