



# ARC Engineering Inc.

## Industrial Facilities

### **Recent Projects:**

#### **Stackpole PCM Industrial Facility 3-Bay Expansion Ancaster, Ontario**

The existing 80,000sq.ft. facility was constructed in 2004. Recently, we completed work on a 70,000sq.ft. expansion. Our services included HVAC, plumbing and fire protection design.

#### **Sifto Salt Facility Tornado Damage Repairs Goderich, Ontario**

In August of 2011, a tornado ripped through parts of Ontario causing extensive damage. The Sifto Salt Facility sustained heavy damage, stopping production for 2 months. Since October of 2011, ARC Engineering has been involved in the redesign and rebuilding of the plant. We have provided new designs for the steams, HVAC, and plumbing systems for the production and office facilities. This project was particularly difficult due to the extensive damage caused, and the necessity to rebuild quickly in order to resume production.

#### **Strabag Temporary Site Workshops Mechanical Design Services York Region, Ontario**

Strabag was responsible for the construction of a new main sanitary sewer trunk in the York Region. They required several temporary workshop facilities as the construction is expected to last up to years. As construction had already began, we were under a tight timeline in order to provide minimal disruption to their schedule.

We provided mechanical designs for the workshops on time, enabling Strabag to continue construction.

**We specialize in finding the right solution to suit our clients needs,** whether it be a cost effective design for a new project, or improving an existing design. We can provide solutions for Building Services Design - HVAC, plumbing and fire protection systems to provide a comfortable, healthy and safe environment.

**Our philosophy is simple - provide the best service possible** to suit our clients goals and budget. We will work through any engineering problem to find the most effective and cost efficient solution.

**Our focus is Building Services Design including HVAC,** plumbing and fire protection. With experience in Commercial, Institutional, and Industrial settings, as well as renovation projects, we can provide our services for a range of facilities.

**With three LEED Accredited Professionals on staff, we can** offer a full range of Green Building solutions such as LEED Consultant Services for LEED certification, preliminary LEED certification reviews, and energy modeling for LEED and government incentive programs. We are fully trained in EE4 and eQuest, two industry standard energy software packages.

**We can provide a Green Building Design for any project.** We believe Sustainable Design should be incorporated into every project. This leads to greater long term savings in operating costs for the Owner, and a more environmentally responsible approach to Building design.

**We work with our clients through every step of the** engineering design to ensure a cost effective and appropriate. Our services extend to the commercial, institutional, retail, and industrial market sectors.

#### **We provide services for new and renovated projects:**

- |                        |                          |
|------------------------|--------------------------|
| ⇒ Industrial Projects  | ⇒ Office Buildings       |
| ⇒ Commercial Projects  | ⇒ Institutional Projects |
| ⇒ Shopping Centres     | ⇒ Retrofits              |
| ⇒ HVAC                 | ⇒ Plumbing               |
| ⇒ Fire Protection      | ⇒ LEED Services          |
| ⇒ Energy Modeling      | ⇒ Studies                |
| ⇒ Building Conversions | ⇒ Controls               |

### ARC Engineering Inc

*Creating Solutions Through Engineering Excellence*

1100 South Service Rd., Suite 417  
Stoney Creek ON L8E 0C5

P: (905) 643-8530 F: (905) 643-8510

Web: [www.arcengineering.ca](http://www.arcengineering.ca) Email: [contact@arcengineering.ca](mailto:contact@arcengineering.ca)