



ARC Engineering Inc.

Health Care Facilities

Recent Projects:

McMaster (MUMC) Retail Pharmacy Hamilton, Ontario

Provided Mechanical design of new sanitary and domestic water systems for new sinks, selection of plumbing fixtures and redesign of the existing HVAC system and ductwork to accommodate the renovations.

Barton Medical Office Stoney Creek, Ontario

This is a new 2 storey medical complex that will house a Medical Clinic, a Physiotherapist Office, and a Pharmacy. Currently under construction, it is expected to be completed in Summer, 2013.

Welland General Hospital Welland, Ontario

We provided mechanical engineering services for the upgrade of the existing pathology exhaust hood. This included preparation of documents required to obtain a Ministry of Environment (MOE) certificate of approval (COA) in accordance with Section 9 of the Environmental Protection Act (EPA).

West Lincoln Memorial Hospital Grimbsy, Ontario

The existing MUA units serving the existing OR room and X-Ray room were unable to maintain desired temperature and humidity conditions during peak summer months. A design was provided to to implement supplementary dehumidification during extreme high temperature / high humidity conditions.

Pathstone Mental Health St. Catharines, Ontario

We are providing mechanical engineering services for a new 3-5 storey, 50,000ft² treatment facility. The design is underway, with construction scheduled to start later this year.

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:

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| ⇒ Commercial Projects | ⇒ Office Buildings |
| ⇒ Building Conversions | ⇒ Institutional Projects |
| ⇒ Shopping Centres | ⇒ Retrofits |
| ⇒ HVAC | ⇒ Plumbing |
| ⇒ Fire Protection | ⇒ LEED Services |
| ⇒ Energy Modeling | ⇒ Studies |
| ⇒ Industrial Ventilation | ⇒ 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 Email: contact@arcengineering.ca