

GRAND OPENING

Come see the new home of **Cliff's Plumbing & Heating**
at 1136 Bruce Road 86, Lucknow

Friday, June 5, 2009 ~ BBQ 11 a.m. - 2 p.m.

FREE Cliff's Heating & Plumbing Green Grocery Bag

Everyone
Welcome!



Cliff's Plumbing & Heating finally has a new location...

...in Lucknow after 10 years of searching for a site with sufficient space for our building and parking for 20 employees. We are grateful to our neighbours for their patience during construction, and while cleanup continues. We thank the community for supporting our business over the last 30 years and are happy to have a place to welcome you this Friday for our **Grand Opening**.

Cliff has watched hundreds of buildings go up over the past 35 years giving him a multitude of ideas to use when planning his new shop. We thank **Oke Woodsmith** and **Strik, Baldinelli & Associates Ltd.** for transferring our ideas into a working drawing. The building is designed with insulated concrete form (ICF) wall construction which provides high thermal and sound insulation, fire safety rating and a solid structure. **Hometown Construction** was great at foreseeing conflicts between our desired floor plan and actual finishing details so we were able to avoid costly mistakes during construction.

Maitland Valley Conservation Authority provided valuable advice to James for determining the grades and the situation of the building on the lot to protect the stream running through it. **Collins Construction** and **Huron Landscaping** were able to get the preliminary landscaping done the day before the first snow so this spring the berm and pond were able to work as planned. Happily we have heard reports of some large fish returning to the stream.

Discussions about runoff from the building prompted Cliff to design the plumbing system to collect water from the eaves troughs to fulfill most of the buildings needs. **Porters Septic Tank Service** manufactured a 5500 gallon cistern to store the water and it has proved adequate so far. Having a team of excellent plumbers on staff made the rest of the job easy!

Research on green building practices prompted us to choose a white roof to decrease the cooling load in the summer. **Diamond Steel Roofing Systems** manufactured and installed a standing seam metal roof made to last for years.

An effort was made to incorporate natural light into the design of the building to reduce the need for artificial light and provide a healthier indoor climate. **Pegg Construction Ltd.** provided North Star Energy Star low E windows throughout the office and showroom area. Garage doors were provided by **J.E.M. Door Co. Ltd.** from Fordwich, leaders in the polycarbonate overhead door industry, recommended by both **Pegg Construction Ltd.** and **Kenkor Construction Ltd.** To provide our additional lighting needs **Sepoy Wiring Ltd.** installed energy efficient I-beam lights that use high-efficiency T8 fluorescent bulbs generating more light per watt.

The expertise of Cliff and the sheet metal department was used to engineer a heating, cooling and ventilation system to suit the different functions of the building. Installing a **Waterfurnace** geothermal heating and cooling system was never in question because we have had a **Waterfurnace** in our shop on Willoughby Street since 1984 and have experienced the energy savings and reliability of this product first hand. While excavating the site we discovered a spring at the edge of the property which caused a lot of grief but luckily proved to be a constant supply of water we could use for the geothermal system instead of installing a ground loop.

The **Waterfurnace Synergy Unit** is used to heat the water for in floor heat and also a forced air heating and cooling system. The radiant floor heat has eight zones and the forced air system has six zones allowing us different temperature settings for the various needs of the shop, warehouse and offices. These are controlled with set back thermostats to save on Hydro consumption. Cam Moffat of **Moffat Technologies** was recommended by **Sepoy Wiring** to install a specialized control panel to monitor and maximize the efficiency of the geothermal system. We are excited to see what all this translates to in energy savings.

A special thank you to our own employees for their contributions towards achieving this goal, and to Nick, James, Russ and Diana for their support and help.

Thank you to the many contractors and suppliers who have helped make our dream of a new facility for Cliff's Plumbing & Heating come true. The excellent workmanship and cooperation of the trades people working in every facet of construction and finishing has made an enormous contribution to the success of our project.

Advantage Insulation
Alps Creek Woodworking
Armstrong Carpentry Ltd.,
Bakker Ent. Ltd.
Banah Construction
Bluewater Carpet & Tile
BNB Insulation
Buddsteel Architectural Products Ltd.
Central Concrete Pumping
Chung & Vander Doelen Eng. Ltd
CJ Johnson Office Solutions Inc.
Diamond Steel Roofs
Dungannon Custom Kitchens Ltd
Fisher Glass & Mirror
Hometown Custom Builder
Huron Landscaping
HuronTel
J.E.M. Door Co
Kenkor Construction Ltd.
Lamont Drywall
Lloyd Collins Construction Ltd.
Lucknow District Co-op
Maitland Welding
Martin Stucco
MicroAge Basics
Moffat Technology
MVCA
Oke Woodsmith Building Systems Inc.
Pegg Construction
Pickard Construction
Porters Septic Tank Service
Pri-Form Concrete
R.J. Burnside & Associates Ltd.
Rick Weiler Painting
RME Robert Miller Enterprises
RONA Henderson & Hodgins
S.B.L. Hodgins Home Hardware
Sepoy Wiring Ltd
Shari Flett
Spike Bakker
Stanley Crane
Stapleton Interiors
Stone Town Masonry & Restoration
Strik, Baldinelli & Associates Ltd.
Teeswater Concrete Ltd.
Township of Huron-Kinloss
VanLeerzem Sandblasting & Painting

 **Cliff's Plumbing & Heating**

O/B Cliff Mann Mechanical Ltd.

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