

# The Troweller

a publication of the Manitoba Masonry Institute

290 Burnell Street Winnipeg MB R3G 2A7 Spring, 2007  
www.manitobamasonry.ca



## What Exactly is LEED®

(The Troweller asked Robert I. Winslow of the LM Architectural Group to explain.)

The Leadership in Energy and Environmental Design (LEED®) Canada Green Rating System is one of several competing products available to assist in the creation of sustainable buildings. It is a product of the United States Green Building Council (USGBC) adapted by the Canada Green Building Council (CaGBC) for the Canadian climate, industry practices and regulations. In recent years, the LEED® Canada Green Building Rating System has become the dominant sustainable design tool in the marketplace. CaGBC has released two products in the series to date: LEED® Canada-NC for new construction and major renovations and LEED® Canada-CI for



Robert Winslow

commercial interiors. The latter product was launched at the end of September, 2006, and will be available for purchase from CaGBC in early 2007. The USGBC has released several more products for Core and Shell, Existing Buildings and Homes. Canadian versions are under development. Future projects are slated for Neighbourhood Developments, Schools/Campus, Volume Build, Retail for new construction and Healthcare.  
(con't page 2)

## New Safety Rules for the Workplace

Forty-five new workplace safety rules were announced this past fall by the provincial government and took effect February 1. Stakeholders, employers, employees and technical advisors from industry worked four years with government through the review and drafting stages of the regulations. "The purpose of safety and health legislation is to provide a reasonable, practical and effective framework for preventing work-related injury, illness and death" Manitoba labour Minister Nancy Allan was quoted in a Special Edition of *Safe Work*. The majority of requirements under the new regulation modernize existing duties.

Specific to the masonry industry are the updating of Fall Protection to three from 2.5 metres and the provision of fall protection and training; and provision for the storage of materials and machinery tools. In addition there are new provisions for violence and harassment in the workplace. For a full run-down of the new regulations, please visit the web sites: [www.gov.mb.ca/labour/safety](http://www.gov.mb.ca/labour/safety) and follow the "What's New" link or [www.safemanitoba.com](http://www.safemanitoba.com)

### Waddell Fountain

Situated in Winnipeg's Central Park, the Waddell Fountain is slated for renovation.

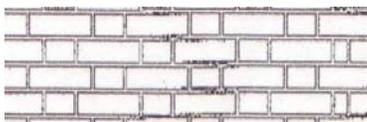


The Waddell Fountain in Central Park.

The fountain, a rare example of High Victorian Gothic Revival of Sir Walter Scott in Edinburgh, commemorates Emily Margaret Waddell who died in 1908. In her will she stipulated if her surviving husband, (con't page 5)

Be the first to identify the brickwork pattern in the design to the right and win a framed limited edition print courtesy of The Wah-sa Gallery, now located at the Johnston Terminal at the Forks.

2006 Manitoba Masonry Design Awards Friday, April 13, 2007—see p.4 inside



Forward your answer to Neil Ingram:  
[ningram@cci-industries.com](mailto:ningram@cci-industries.com)

## President's Report

At the time of writing this article it is -40 Celcius and we all know spring is just around the corner. I heard someone say today the golf courses in Winnipeg will be open in about eight weeks. That doesn't seem like a long time and we all know what happens to our industry in the spring. We as an industry need to be ready for a busy spring construction

season. The masonry industry has been through a couple of steady years and is looking forward to another couple of strong years. Our industry is currently in the middle of a recruiting plan for bricklaying apprentices. A very strong program at Red River College continues to operate with some 35 plus people enrolled in the three

levels of apprenticeship training. The 2007 Manitoba Masonry Skills Competition will be held at RRC on April 12, 2007, with the winners advancing to the nationals Skills Canada competition in Saskatoon, SK, June 6-9. It is anticipated all 10 provinces will send competitors to this event. We wish all participants

the best of luck. Manitoba has performed very well at these national events, winning five gold, two silver and one bronze in the last eight years. We look forward to our apprentices giving a strong showing again in 2007. The MMI in conjunction with the Manitoba Association of Architects is holding a Masonry Design (Con't page five)

## Apprenticeship Job Creation Tax Credit

Announced in the 2006 Federal Budget, but yet to receive final approval in the Ways and Means Committee and ratification in Parliament is a measure to encourage employers to hire new apprentices in eligible trades. The measure will provide

eligible employers with a non-refundable tax credit equal to 10 per cent of the salaries and wages paid to qualifying apprentices to a maximum credit of \$2000 per year per apprentice. A qualifying apprentice would be working in a qualifying trade in the first

two years of his or her provincially registered apprenticeship contract with an eligible employer. The qualifying trades will be prescribed and will include the 45 trades currently included in the Red Seals trades ([www.red-seal.ca/site/](http://www.red-seal.ca/site/)

trades/analist). The Red Seal allows a journey person to engage in their trade without having to write further examinations in any province or territory in Canada where the trade is recognized. (see page six for another apprenticeship announcement.)

## LEED® Con't

Under the LEED® Green Building Rating System, sustainable buildings can earn credit (points) for achieving stipulated goals that are divided amongst five principle areas of environmental concern: sustainable sites (SS), water efficiency (WE), energy and atmosphere (EA) materials and resources (MR) and indoor environmental quality (IEQ). A sixth category, Innovation and Design (ID) recognizes use of a LEED® Accredited Professional and sustainable design measures not addressed under one of the other

categories. Under LEED®-NC, masonry products can assist in achieving the following credits:  
*SS5.1 Reduced Site Disturbance*  
*SS6.1 Stormwater Management*  
*SS7.1 Heat Island Effect*  
*EA 1 Optimize Energy Performance*  
*MR 2.1 and 2.2 Construction Waste management*  
*MR 3.1 and 3.2 Resource Reuse*  
*MR 4.1 and 4.2 Recycled Content*  
*MR 5.1 and 5.2 Local/Regional Materials*  
*MR 8 Durable Building.*  
 It is important to note neither

the CaGBC or the USGBC endorse products. It is also rare a single product can, by itself, earn a point under the LEED® Green Building Rating System. Typically points are earned as a result of the sum of the value of several products. In many cases, however, the same products may contribute to earning points under more than one credit. This is known as synergy and such products may tend to be favoured. Earning CaGBC's seal of approval is a two-step process. Projects are initially registered with the CaGBC, usually during the design stage, indicating the

project team's intent to follow the LEED® Green Building Rating System. Post-construction, project documentation is then submitted to the CaGBC for certification. Depending on the number of credits accepted by CaGBC, projects earn one of four designations: Certified, Silver, Gold, or Platinum. To date, there are several hundred registered projects, but only a handful of certified projects. *Robert Winslow, MRAIC, MAA, CSC, CSI, LEED® AP, Associate Architect, LM Architectural Group*

# Showcasing Masonry Construction in Manitoba



Dakota House Seniors Apartment, 111 Dakota St.  
Raymond S. C. Wan Architects. Euro-Can Enterprises, Masonry.



Entegra Credit Union, 121 Disraeli Ave.  
Prairie Architects Inc. Alpha Masonry Ltd.



New School (Nouvelle Ecole) St. Anne's Rd.  
MCM Architects, Tri-Star Masonry



Emerado High School, Winkler  
MCM Architects. Roma Masonry Ltd.



PCL Head Office, 1540 Gamble Place  
Stantech Architecture Ltd. Alpha Masonry Ltd.



Powerhouse Building Addition, Hargrave and Graham  
Number Ten Architectural Grp., GKW Construction



Flying J, Headingley  
Blerot Masonry (2000) Ltd.



Ship Street Village Condominium, Water Front Drive.  
Prairie Architects Inc. B & F Masonry Ltd.

## 2006 Manitoba Masonry Design Awards Dinner Inn at the Forks

**Friday, April 13, 2007, 6:00pm Reception, 7:00pm Dinner**

The Manitoba Masonry Institute is hosting the 2006 Masonry Design Awards in conjunction with the Manitoba Association of Architects Annual Meeting and Awards Banquet at the Inn at the Forks, Friday, April 13, 2007. The purpose of these awards is to honour the achievements of Canadian Architects registered in the Province of Manitoba for their imaginative and creative use of masonry in construction.

Entries for the 2006 Manitoba Masonry Design Awards were received until February 16, 2007 in the following categories:

- A. Architectural Masonry Design—General
- B. Architectural Masonry Design—Residential
- C. Structural Masonry Design
- D. Artistic Use of Masonry—as an art form
- E. Heritage Masonry Design
- F. Legacy Award

Each category will have two types of awards available—Award of Excellence and Award of Merit—providing recognition to the architect, masonry contractor and the owner. The masonry supplier will also receive recognition. A publication will be issued featuring all award recipients.

### Red River College Apprentice Captures Skills Canada Gold!!— Again...

Mark Harper, a graduate from the Red River College Masonry course, a four-year apprenticeship program with three years of classroom training, won gold at the 2006 Skills Canada competition in Halifax. Here he is shown halfway through his gold winning project. Skills Canada is an annual national competition in many technical fields, including many diverse areas in information technology, construction, graphics, landscaping and masonry. It is all hands on. Competitors are given projects and a time limit on finishing and are graded on the competence of their work within the allowed time span. During his training Mark Harper was an apprentice with B&F Masonry.



Pictured to the left is Brian Gebhardt discussing a masonry project with a group of second year apprentices in the masonry classroom at Red River College, January, 2007. An 18 year veteran instructor at Red River and the owner of Gebhardt Masonry, each year Gebhardt shepherds up to 35 apprentices in the three years of their training at Red River.

While competitors at the annual Skills Canada must depend on their experiences and innate talent, there is no question their apprenticeship training at Red River College is an important factor in the overall equation—and that is why The Troweller wants to place the spotlight on Brian. In the last eight years of Skills Canada competition Manitoba has garnered five gold, two silvers and one bronze.



**Leo Copetti,  
1933-2006**

Leo (Leonardo) Copetti, owner of Copetti Masonry Contractors Ltd. from 1962 to 1995, passed away November 25, 2006 at the age of 73.

Born in Gemona del Friuli, Italy, he completed his schooling in the construction trade and pursued training in construction project management before emigrating to Canada in 1952. He began learning English and he obtained his journeyman papers in the bricklayer's trade.

In 1958, during his first visit back to Italy after immigrating, he met his future wife, Mirella Maria Vincenzina (nee Capra). They were married in Winnipeg in 1959 and raised their three children in the community. Mirella predeceased Leo.

In 1962 with the invaluable support of his wife, Leo started his own construction business, which he ran for the next 33 years. He was involved in a large number of commercial, institutional and high-rise projects in Manitoba, primarily in Winnipeg. He had a strong work ethic and was highly regarded by fellow peers in the industry.

For the last eight years, Leo was married to Eleanor and traveled much to the south during the winter months.

Leo was an active member of the Jehovah's Witnesses.

**(President's Report con't  
from pg. 2)**

Awards Competition, which goal is "to recognize outstanding buildings and structures designed by Manitoba Architects whereby the building is constructed essentially of masonry". This design competition has six different design categories and will be judged by a group of industry representatives of the architectural and masonry professions. The competition will culminate at an awards banquet on Friday, April 13 at the Inn at the Forks.

I am personally looking forward to this design competition and in advance and on behalf of the MMI I would like to thank each and every person and firm for entering this competition. As an industry, we look forward to reviewing the entries and eagerly await the awards banquet. Good luck to all the people and firms submitting entries.

On behalf of the Manitoba Masonry Institute I would like to take this opportunity to thank you for reading this publication and providing feedback. If you have any suggestions or potential articles or subjects that you may feel have interest for the industry as a whole, please forward them to myself. Thanks to all the people who make the *Troweller* available and for industry representatives who are making the April 13 Awards Banquet a reality.

All feedback can be forwarded to [ningram@cci-industries.com](mailto:ningram@cci-industries.com)

Neil Ingram, president.

**Garry James  
Ostash  
1950-2007**



Garry Ostash touched many lives and will be sorely missed in the masonry industry.

At the time of his death on February 9, 2007, Garry was employed by B&F Masonry, which according to his obituary at the time he considered his second family. Garry owned his own firm, 243 Construction.

Garry was an avid golfer and served in many executive positions with the Selkirk Golf and Country Club. Along with numerous close relatives and friends, Garry leaves behind his wife and soulmate, Bev; son, Kevin; and daughter Missy (Neal).

**WCB Reduced Rates**

The Workers Compensation Board of Manitoba has announced a three-year pilot project to provide reduced rates to construction firms which implement an accredited safety program.

Begun in January, 2007, a five per cent reduction in WCB rates will occur for firms that earn safety association accreditation in an attempt to decrease workplace injuries.

Safety training, development of a safety manual, the implementation of a health and safety program and passing an independent audit is all part of the process. Call the WCB at 954-4760 for more information.

**Waddell Fountain con't**

Thomas, a local temperance leader, were to remarry, he must donate \$10,000 to the city to construct a fountain. The Waddells, married for 25 years, lived at 457 Sargent Avenue and took frequent walks in Central Park. The area was very fashionable at the time and the park itself had a bandstand, tennis courts and winding paths and gardens.

After the death of Emily, Thomas did remarry and in 1914 raised the money for the construction of the fountain. A local architect, John Manuel, who also designed structures at the University of Manitoba, was tasked with the design.

In 1927, Mr. Manuel moved to Alberta to oversee construction of

Canadian Pacific Railway hotels in Banff and Lake Louise.

The announcement of the reconstruction was announced in October, but no further details are available at the time of publication.

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<b>Suppliers</b>	<b>Address</b>	<b>Phone</b>	<b>Fax</b>
Alsip's Industrial Products Ltd	1 Cole Avenue Winnipeg MB	667-3330	668-7581
CCI Tallcrete	1436 Chevrier Avenue Winnipeg MB	453-8335	453-5205
Gillis Quarries Ltd.	2895 Wenzel Street Winnipeg MB	222-2242	222-7849
I-XL Masonry Supplies Ltd	717 Lagomodiere Blvd Winnipeg MB	284-1773	477-0773

### **Contractors**

Alpha Masonry Ltd.	101-1355 Erin Street Winnipeg MB	775-4198	772-2236
A. M. Masonry Ltd.	74 Sandpoint Bay Winnipeg MB	222-7844	222-7810
B & F Masonry Ltd.	200-698 Corydon Avenue Winnipeg MB	475-2094	452-5859
Blerot Masonry Ltd.	1611 Forbes Road Winnipeg MB	256-6033	255-2755
Brick Enterprises Ltd.	862 Dufferin Avenue Winnipeg MB	586-9898	589-6114
C. D. Renew Masonry	PO Box 393 Sanford MB	736-3056	
Euro-Can Enterprises Ltd.	87 Eckhardt Avenue Winnipeg MB	633-4117	694-7505
Gebhardt Masonry	352 Aldine Street Winnipeg MB	831-5663	831-5663
GKW Construction Inc.	54 St. Paul Blvd West St. Paul MB	633-7000	694-5042
K. C. Masonry	4244 Rebeck East St. Paul MB	222-3974	222-3974
RHI Canada Ltd.	865 King Edward Street Winnipeg MB	772-2406	783-7722
Roma Masonry Ltd.	1771-F Ness Street Winnipeg MB	832-9405	837-5439
Tri-Star Masonry	42 Merit Crescent Winnipeg MB	334-2446	334-2586

### **Associates**

Bricklayers and Mason's Union	81-1680 Dublin Winnipeg MB	694-0135	694-0135
Brock White	450 Sheppard Street Winnipeg MB	694-3600	694-0800
Dow Chemicals Canada Inc.	Suite 700-776 Corydon Avenue Winnipeg MB	949-3808	989-3805
Fero Corporation	Box 132, RPO Corydon Avenue Winnipeg MB	794-6128	222-7849
Johnson Construction Materials	542 Plinguet Street Winnipeg MB	233-4107	233-1474
Kachurs Sand & Gravel Ltd	23056 PR213 Springfield MB	224-3384	224-2395
Lafarge Canada Inc—Cement Group	2395 McGillivray Blvd Winnipeg MB	958-6677	233-5644
Rental Experts	715 Pembina Hwy Winnipeg MB	261-9600	261-5005
Western Construction Services Ltd—WCSL	300 Dawson Road Winnipeg MB	956-9474	956-9470

## Masonry website addresses

Alpha Masonry	<a href="http://www.alphamasonry.com">www.alphamasonry.com</a>
Alsip's Industrial Products Ltd.	<a href="http://www.alsips.com">www.alsips.com</a>
CCI Tallcrete	<a href="http://www.cci-industries.com">www.cci-industries.com</a>
Euro-can Enterprises Ltd.	<a href="http://www.euro-can.com">www.euro-can.com</a>
Gillis Quarries	<a href="http://www.tyndallstone.com">www.tyndallstone.com</a>
I-XL Masonry Supplies	<a href="http://www.ixlbrick.com">www.ixlbrick.com</a>
Brick Industry Association	<a href="http://www.brickinfo.org">www.brickinfo.org</a>
Canada Masonry Contractors Assoc	<a href="http://www.canadamasonrycentre.com">www.canadamasonrycentre.com</a>
Canadian Construction Industry	<a href="http://www.cci.industries.com">www.cci.industries.com</a>
Canadian Standards Association	<a href="http://www.csa.ca">www.csa.ca</a>
International Masonry Institute	<a href="http://www.imiweb.org">www.imiweb.org</a>
Manitoba Masonry Institute	<a href="http://www.manitobamasonry.ca">www.manitobamasonry.ca</a>
Masonry Canada	<a href="http://www.masonrycanada.ca">www.masonrycanada.ca</a>
National Concrete Masonry Assoc (US)	<a href="http://www.ncma.org">www.ncma.org</a>
The Masonry Society	<a href="http://www.masonrysociety.org">www.masonrysociety.org</a>
Winnipeg Construction Association	<a href="http://www.wpgca.com/home/index">www.wpgca.com/home/index</a>

**Apprenticeship Incentive Grants**—please visit [www.servicecanada.gc.ca](http://www.servicecanada.gc.ca) for details on an impending federal government program to provide \$1000 to registered apprentices once they have successfully completed their first or second year level of an apprenticeship program in one of the Red Seal trades.

**Masonry Structures: Behaviour and Design (Canadian Edition)** is featured on the Technical Resources page of the Canada Masonry Design Centre. This book was written to aid in the effective use of masonry as a modern form of construction and includes recent updates to increased seismic loading and other provisions of the National Building Code of Canada. Visit [www.canadamasonrycentre.com](http://www.canadamasonrycentre.com) for further information.