



# Airways

**Hamilton Chapter No. 037**

<http://www.vaxxine.com/ashrae/>

*American Society of Heating, Refrigeration and Air Conditioning Engineers*

Volume 45, No.2

*Our 45th Year*

October 2003

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**Tuesday October 14, 2003**

## *NIAGARA FALLS CASINO TOUR*

Before it goes into security lockdown, take part in this unique opportunity to tour what is currently one of the largest commercial construction projects in North America.

The tour will guide us through the modern integration of the large scale mechanical and control systems. Following the tour we will enjoy dinner and a movie about the Casino, at a local restaurant.

Some interesting facts about the mechanical systems in the multi-purpose Niagara Falls Casino (there will be a test). Integration of chillers, boilers, pumps, fans, controls, etc. for 24/7, 365 day operation:

- Four 600 hp hydronic natural gas fired boilers, enough heat for approximately 800 homes
- 7200 tons of cooling capacity provided by six centrifugal chillers, capable of cooling water to near ice conditions without compressors and ice storage
- Ventilation air load is efficiently aided by the many large 3.3 meter energy recovery wheels
- Efficient operation at part load is assured by throttling water flow by using modern variable speed drives
- The largest snow melting system in North America
- Over 47 custom built air handling units, providing conditioned air to many of the different space requirements
- Energy efficient operation of these and many more systems is achieved through one of the most modern direct digital control and monitoring systems in the world.



***Tonight Only:  
New Niagara Falls Casino***

**5:00 PM (Approximate) Tour  
7:30 PM (Approximate) Dinner**

*Chapter Members \$ 27.00 · Guests \$ 32.00 · Students \$ 20.00 · Meal Plan \$ 130.00*



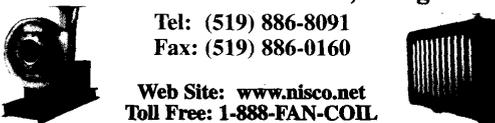
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**SAFETY:**

**Access without Safety Boots and Hard Hat shall not be permitted. Please bring an extra pair of boots or hard hat, if you can remember. It would be a shame for someone to drive all the way to Niagara Falls and not be allowed on the tour because they did not have the proper safety equipment.**

**Schedule/Details:**

The tour will begin shortly after 5:00 PM upon safety and security clearance at the Portage Road Gate Access (see the attached map). The tour is estimated to take approximately 2-2.5 hours. The Casino is located at the intersection of Fallsview and Murray.

**Tour Parking:**

The closest land mark is the Skylon Tower, 5200 Robinson Street, which costs approximately \$8.00 dollars to park. There is a parking lot next to the tower, cost is approximately \$5.00.

**Dinner:**

Dinner will start between 7:30 and 8:00 PM, according to our arrival following the Casino tour. Dinner will be held upstairs at Mamma Mia's Restaurant, 5719 Victoria Street (see the attached map). During our meal we will view a DVD on the Casino, provided by Don Cruikshank of The Mitchell Partnership. The cost will be the same as our normal ASHRAE meal.

**Dinner Parking:**

Parking behind the restaurant is free and is estimated to be a 10-15 minute walk to the Casino. If you plan to walk to the Casino and back, then take Stanley to Ferry and hang a right onto Ferry (which turns into Victoria Avenue).

**RSVP:**

Please RSVP Brian Beninger at [brain@beninger.ca](mailto:brain@beninger.ca), by October 7th, to let us know whether you plan to attend the tour and dinner or just the tour. This RSVP is to help prepare the site tour guides and the restaurant with the appropriate numbers. Simple reply by email to this message.

**Thank-you:**

I would like to thank all parties who had a hand in organizing this special event for the Chapter. A special thanks goes to David Hills (Membership Chair) and Don Cruikshank of The Mitchell Partnership who are continually involved in the construction of this project. This tour would not be possible without their contacts and input.

Let's make this a safe and memorable evening. Hope to see you all there.

*Chris McClelland, Hamilton Chapter Programs Chair*

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## ASHRAE Resource Promotion

Our 2003-2004 fund raising campaign is well under way.

I would like to acknowledge the generosity of the following companies and individuals who have already made their donations during the first 3 months of the campaign which started July 1, 2003.

Norm Panabaker  
David P. Stacey  
George B. Robb  
Arvin Air Systems  
The Walter Fedy Partnership  
John Pollock  
Mechanical Contractors Association of Niagara  
Max Andronowski  
O'Dell Associates Inc.

***This space Could Be Yours!***

**Business Card Ad**  
**\$75 For one year**

If you are interested, contact Brian Beninger  
brian@beninger.ca

Most individuals contribute to ASHRAE when they receive their renewal notice. This is absolutely the easiest way to contribute and I strongly recommend you use this method.

***This space Could Be Yours!***

**Double Size Ad**  
**Business or Product Advertising**

**\$150 For one year**  
**(includes \$15 Setup Change)**

**Changes can be made any time for an**  
**additional \$15 setup charge**

If you are interested, contact Brian Beninger  
brian@beninger.ca

The Hamilton Chapter is almost at 12% of our \$8255.00 goal for this year. Anyone or any company wishing to contribute to ASHRAE Resource should keep in mind that in order to receive recognition, individuals must contribute at least \$100 and companies must contribute at least \$150. Either myself or any of the other ASHRAE Chapter Executive members would be pleased to answer any questions you may have. We are also able to receive your donation which we would then forward to ASHRAE.

*George Robb, ASHRAE Hamilton Chapter Resources Chair*

## Chapter History

### Hamilton Chapter Member: William J. McCartney – Historical Bio

Our newest Chapter member has been a member of ASHRAE for more than 29 years and brings to the chapter a wealth of experience both at the chapter level and at

the Society level where he participates on several TCs – Technical Committees as well as on the Refrigeration Handbook Committee. William has been attending most of the Society meetings since 1980 where he found out about the endless opportunities for learning at Society meetings plus the bonus of a show meeting each January.

William was born and raised in Toronto – Long Branch and Lorne Park in Mississauga and in the mid 60s

while in high school was active in an R&B group called the Entertayners. The Hammond organ he needed required mega \$\$\$ so William quit school and soon joined Beaver Engineering in 1966 to help with his hobby. He intended to complete his education but got hooked on this fascinating new HVAC Company that it has deferred his return to school - now some 37 years. At Beaver, he set up a new innovative sheet metal estimating system and soon moved up into design and installations of specialty systems. I met William some 36 years ago while he was a

Beaver and they were a major contractor at Stelco involved with many unusual design requirements..

In 1974, William was promoted to Manager of the Beaver London office. He was able to develop major maintenance contracts with large clients as well as expanding into the refrigeration side of the food handling industry.

In 1978, William was offered a partnership in Trisar (Sarnia) and he became deeply involved in the refrigeration and the petro-chemical industry. At this time he started attending ASHRAE Society meetings and by 1984 was participating in PDS Water System Design and TC 1.7 – O & M Management.

In '93 Trisar rolled into Trisar Mechanical where William operated HVAC Commissioners Inc. a design and troubleshooting service for refrigeration and HVAC clients. William's scope included retrofits of major buildings and schools as well as the commissioning many new schools over a wide area.

During this period, William presented many papers at Society Meetings on commissioning, computers and contracting and was Chair of TC 1.7 in '93 to '95.

William has been President of ORAC – ON Refrigeration Contractors Association in '89 and a Board member for the period '83 to '97. In 3year period '89 to '91, William was President of CRACCA – the Cdn Refrigeration Air Cond. Contractor Association, Board member '87 to '93; Chair of HRAI – Heat/Refrig/AC Institute of Canada; Chair of ENERGREEN – an energy efficient communities program for the MOE in '92 to '95

After 10 years on the ASHRAE TC 7.3 Operation and Maintenance Management, William was Chair '93 to '95 and continues to serve on that committee. Currently he is on TC 7.9 Building Commissioning and on the Refrigeration Handbook Committee as well as a Member till 2006. This is one active ASHRAE member.

In '97 William was offered a partnership in Isotherm Engineering in Toronto where he has many major accounts for commissioning facilities for the Board of Education in several counties, Public and private health care facilities and new Police facilities across the province.

William with his depth in ASHRAE will help strengthen our chapter. Plus for those who need to learn more about the opportunities at Society Meeting, William can mentor our new members who have never been at a Society Meeting.

We continually see him as the Regional Dinners held at the 2 Society Meetings each year assisting his Isotherm associate David Underwood the Past President of the Toronto Chapter.

Welcome to Hamilton William J. McCartney, ASHRAE Member extraordinaire

*George Menzies ASHRAE Chapter Historian, 2003/2004*

## *A Message from the Social Chair*

**ASHRAE Jackets Available:** I still have a few ASHRAE light nylon Jackets still available, at a cost of \$35. Available in size XL only. Jackets have our ASHRAE Logo on it, as well as 2 zippered side pockets and reflective markings on the side. Please contact me at (905) 575-5542 if interested.

C O N G R A T U L A T I O N S - To Dick Fahey and his wife on recently celebrating their 50th Wedding Anniversary.

*Dave Rasmussen, Hamilton Chapter Social Chair*

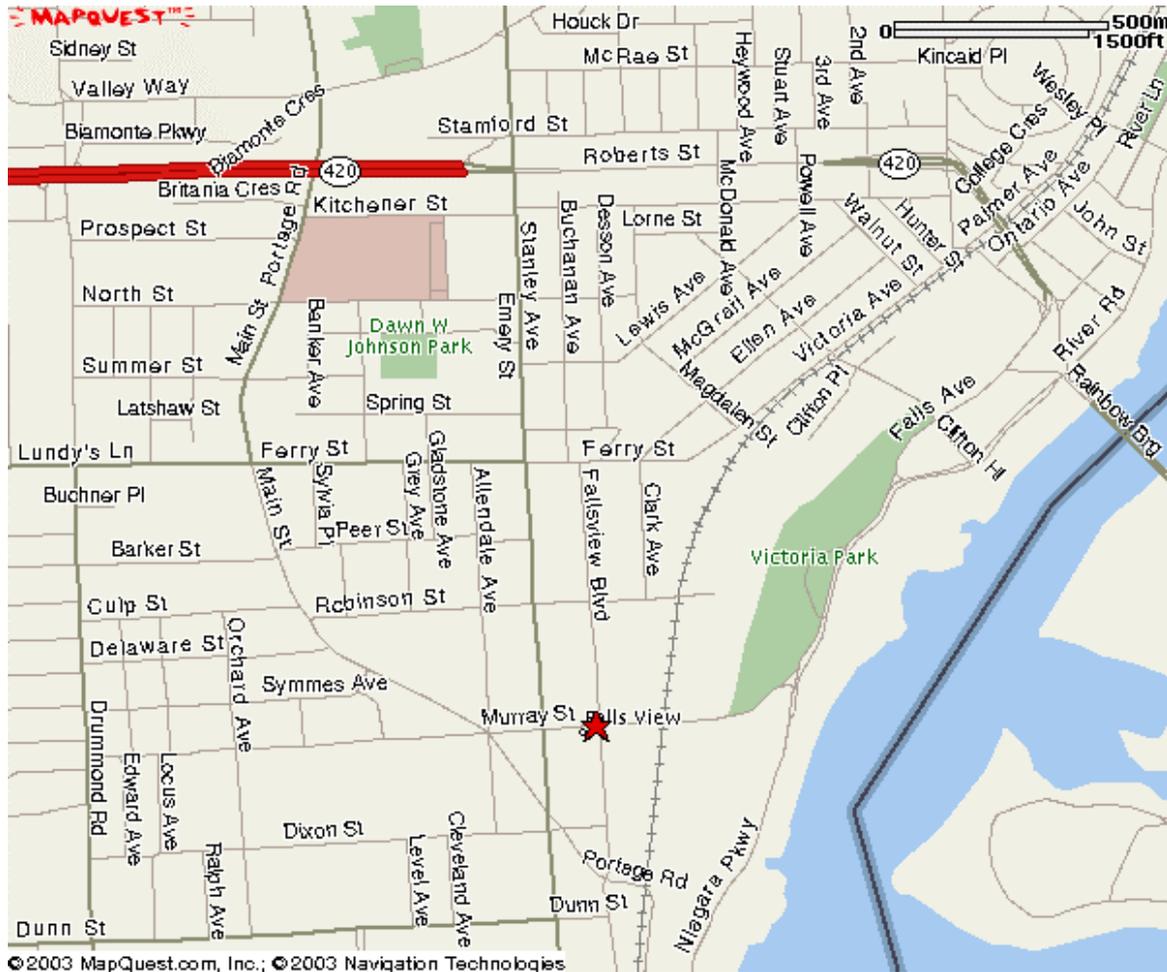
## *Message From The Editor*

We need to estimate the number of people planning to attend the Casino Tour and dinner this month. Please let me know if you are planning to attend either or both. In the email cover sheet accompanying the Airways you will find a spot to supply this information. Simply fill in your intentions and return email it to me before October 7, 2003.

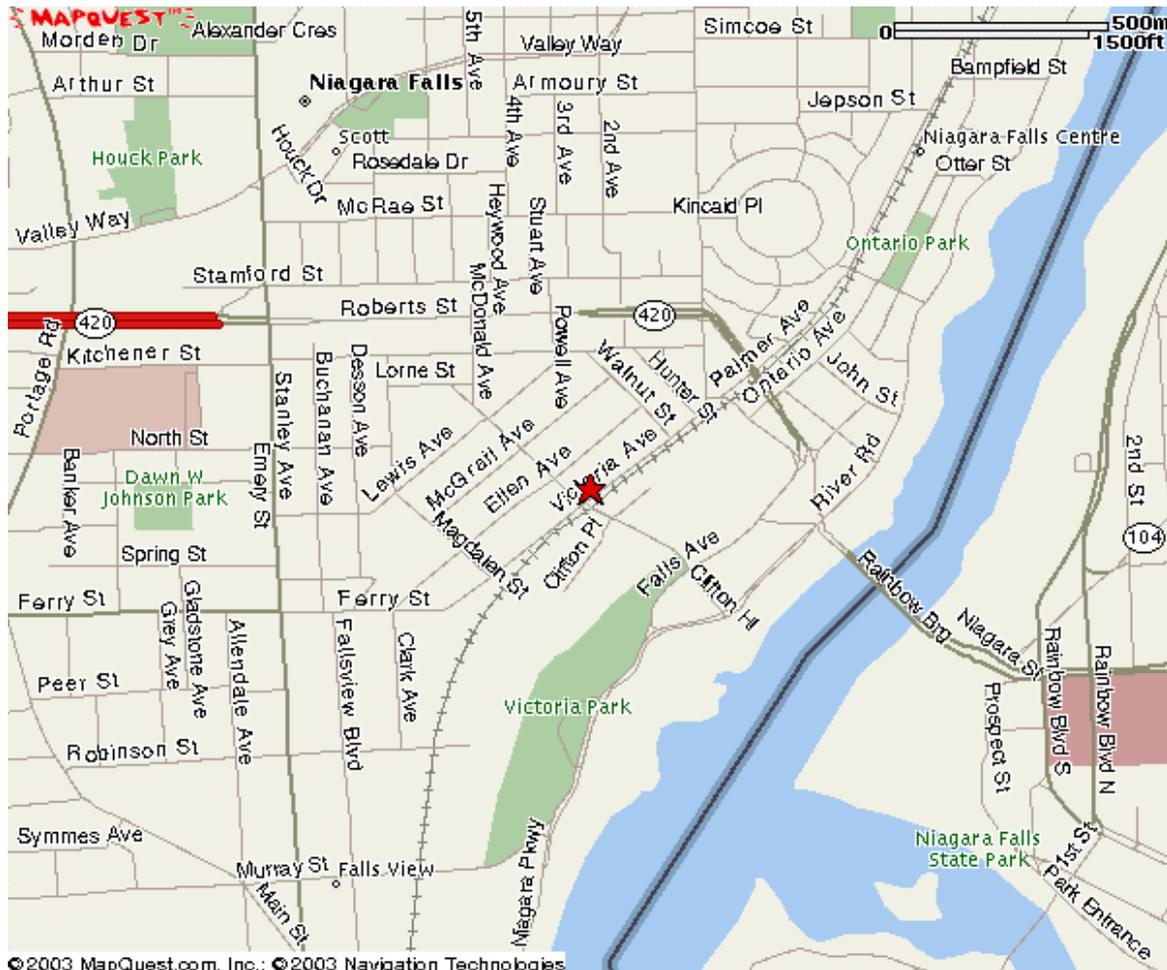
Thanks.

*Brian Beninger, Hamilton Chapter Airways Editor, Webmaster 03/04*

### Map To New Casino Site



### Map To Mamma Mia's Restaurant



## 2003 - 2004 Meeting Schedule

This year's meeting schedule is summarised below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, North end of McNab St. on Hamilton Harbour - If you need a map, check out our web site at <http://www.vaxxine.com/ashrae/>**. During the 5:00 PM to 6:00 PM Social Hour, a half hour "technical session" on the basics of a particular subject relating to our industry is presented. If a session sounds interesting to you, feel free to attend. Presentations are made by our members and this forum is open to all who wish to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by a "feature speaker". If you are interested in presenting a technical session, book the table top space to promote your product or service, or if you have a suggestion for a feature subject and/or speaker, please contact please contact Chris McClelland, our Programs Chair. There is a charge of \$ 75.00 for "Table Top" demonstration space, and this includes a business card ad for two months.

2003 – 2004 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY				
Month/Date	Theme	Tech Session 5:00 – 6:00 p.m.	Table Top Presentation	Guest Speaker/Main Topic
October 14, 2003	Tour	Casino Niagara Tour 5:00 PM – *Safety Helmet and Shoes Mandatory*		
November 11, 2003	Fire	Fire Damper Installation (Naylor Group)	Smoke and Fire Detectors	Tractor Trailer Fires (cause& origin) Hamilton Fire Department (Ken Byers)
December 6, 2003	Family	SATURDAY LUNCH AT YATCH CLUB		Visit the Haida
January 13, 2004	Energy	Computer A/C- Canatal	Window Technology	LEED Energy Conservation
February 10, 2004	Arena Design	Desiccant Dehumidification	Desiccants	Ice Rink Refrigeration
#March 2, 2004#	Water	Residential Water Purification	Zenon	Zenon
April 13, 2004	DL	Distinguished Lecturer Joined by London & Toronto Chapters		Tour of the New Federal Building
May 11, 2004	ASHRAE Future	ASHRAE Current Operations (Steve Glover)	Canatal	President of ASHRAE
June 9, 2004	Research	Annual Golf Tournament Benefits of ASHRAE and Membership		
September 14, 2004	Programs	Under Floor Air Distribution	York	Gas Fired Refrigeration

# Date moved to the first Tuesday of the month due to March Break.

### **Did you say that you wanted to sit in the "GOLDS"?**

Attention all ASHRAE members who would like to bring guests to an ASHRAE meeting. Special "ASHRAE" meeting "GUEST DINNER TICKETS" are available at the special price of \$100.00 for a book of 4 tickets. These tickets allow you to treat a special friend or customer to a meeting. They will work even though you may not be able to attend! These special tickets will insure that your guest is properly introduced to ASHRAE. Pick up yours today! Contact a member to the executive or see your sales rep at the next meeting!!

*Steve Glover, Hamilton Chapter T.F.G.A. Chair. (905) 335-3325 [steve.e.glover@ici.com](mailto:steve.e.glover@ici.com)*

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