



Airways

Hamilton Chapter No. 037

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

American Society of Heating, Refrigeration and Air Conditioning Engineers

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Our 44th Year

November 2002

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Tuesday November 12, 2002

Environmental Consulting & ASHRAE

Environmental Consultants offer a wide area of expertise and services aimed at meeting the environmental needs of their clients.

From time to time, this work involves the design of fan exhaust and ventilation systems for such items as scrubbers, air pollution control, and regulatory bodies for Certificates of Approval.

Jim Anderson of Geomatrix Consultants will talk about their experience with projects which involved fan systems. He will also discuss opportunities where HVAC Engineers can work with Environmental Engineers to mutually solve their clients problems. Geomatrix is a large multinational firm with 11 offices in the United States and one in Waterloo, Ontario.

Tonight's Speaker

Tonight's speaker is Jim Anderson, B.A.Sc., M.A.Sc., P.Eng, is a Senior Engineer at Geomatrix Consultants in Waterloo, Ontario.

Mr. Anderson is a 1982 graduate in Civil Engineering from the University of Waterloo, Waterloo, Ontario. Prior to Geomatrix, he was with CH2M Hill as a Manager of Water Resources Engineering.

His career has evolved into the environmental field and presently consults in many environmental issues world wide with McCain Foods of New Brunswick.



Tonight Only:

Mohawk College, Hamilton (see instructions & map below)

5:00 pm – Hamilton Chapter Social Gathering

5:45 pm – ASHRAE Scholarship Award Ceremony - Christopher Laman

6:00 pm – Dinner

7:00 pm – Main Speaker

Chapter Members \$ 25.00 • Guests \$ 30.00 • Students \$ 20.00 • Meal Plan \$ 110.00



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TONIGHT ONLY!! Special Venue For November Meeting

The ASHRAE Hamilton Chapter November meeting will be held at the Mohawk College Residence Conference Centre. At this meeting we will be presenting a bursary to Christopher Laman, a Mohawk College student, for his high school achievements and continued education in an engineering related field. We hope to see you all out to this exciting evening dedicated to educating students about ASHRAE activities.

See below for directions and map for this special event.

Chapter History

Hamilton Chapter Member: Frank J. Stempski – Historical Bio

Like many of the Chapter Members featured in these historical bios of Hamilton Chapter Members, Frank also served at one time as President of the Hamilton Chapter. He served in this position in the '97- '98 chapter year after. Frank also served on a number of other committees over the past 10 years - as Membership Chair, Program Chair and Research Promotion Chair.

Frank has been in the HVAC business for more than thirty years. It all started at Emco Supply in 1970 where he got interested in the HVAC industry. In 1975, Frank accepted a position with Niagara Plumbing Supply where he was mentored by Mr. Bert Corkum who is now deceased. Bert helped develop Frank's skills in the world of hydronics. This launched Frank into many opportunities. He started designing systems for residential homes and detailed the contract so it could be quoted by a number of contractors. Gaining confidence, Frank moved up into the design of commercial buildings and multistory apartment complexes.

In 1985, Frank moved to the Greenhouse Division at Niagara which was known as Niagrow Systems. This was an area of new growth in the Niagara Peninsula. Farmers and developers needed energy efficient facilities for growing plants for the consumers market that were cost competitive with other areas in the province. Given the challenge, Frank studied European methods used to heat greenhouses and then combined a low-pressure steam systems with some modern concepts in hydronics to configure the first hybrid heating system for use in a commercial greenhouse. This design proved to be very efficient and is still widely accepted today some 15 years later. As one drives down the QEW, you can see the evidence of a very active and profitable greenhouse industry to which Frank was a major contributor.

Looking for new challenges, in 1991, Frank joined Aqua Tech Sales, moving away from design into the more dynamic sales marketing and management phase of our business. In 1992, Frank joined the ASHRAE Hamilton Chapter and volunteered to be on the Chapter Membership Committee. Soon he was Chair and went on to be Chapter President in 1997.

Frank is currently on the TC for the new CSA B 214 – Canadian Hydronics Code. Frank was past Chairman of the Canadian Greenhouse Conference. He is now touring the country conducting hydronics seminars and teaching hydronics in various schools. The Hamilton Chapter membership always looks forward to Frank's participation and positive outlook at many of the special functions and Chapter Meetings. His company has been and continues to be a strong supporter of the chapter. We look forward to Frank being active in ASHRAE for many more years.

George Menzies, Hamilton Chapter Historian 02/03

Where Have the Good Books Gone? - Part 2

Some of the books have come back!
Thanks gentlemen, we have cut the delinquent list by half. Still missing are the following:

AMCA fan application manual(?)

Design of Smoke Management Systems (Jan 12/99)

Engineering Manuel of Automatic Controls for Commercial Buildings (Jan12/99)

Heating & Cooling Load Calculation

Guide Line 1-1996 HVAC Commissioning Process (Jan12/99)

Please bring them to the November meeting. Follow-up phone calls will be made to those who

have not returned books after the November meeting.

Thanks in advance

John Pollock

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.E.G.A. Chair

Message From The Editor

Please mark THURSDAY December 5 2002 on your calendar. That's the date of our annual Christmas Dinner and Social. This year we will be visiting the Hamilton Warplane Museum. Look for details in the December edition of Airways.

*Brian Beninger, Hamilton Chapter Airways Editor,
Webmaster 02/03*

ASHRAE HAMILTON CHAPTER MEETING

November 12, 2002

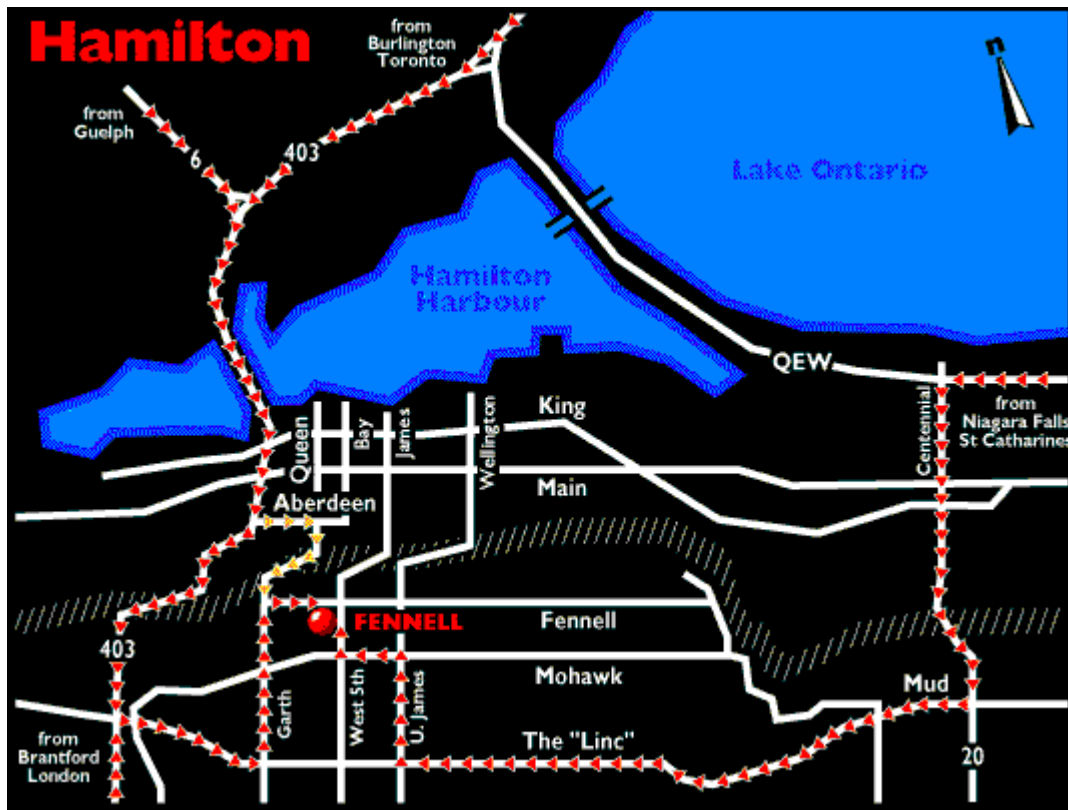
Fennell Campus

135 Fennel Avenue West

Hamilton, Ontario

L8N 3T2

Direction to Mohawk College Fennel Campus



From points north and east:

- Hwy #403 West to Hamilton
- exit Aberdeen Avenue (can only go east)
- turn right on Queen Street (Mountain Access)
- turn left on Fennell Avenue at the top of the "mountain"
- Mohawk College, Fennell Campus is on your right at the first stop light on Governor's Blvd.

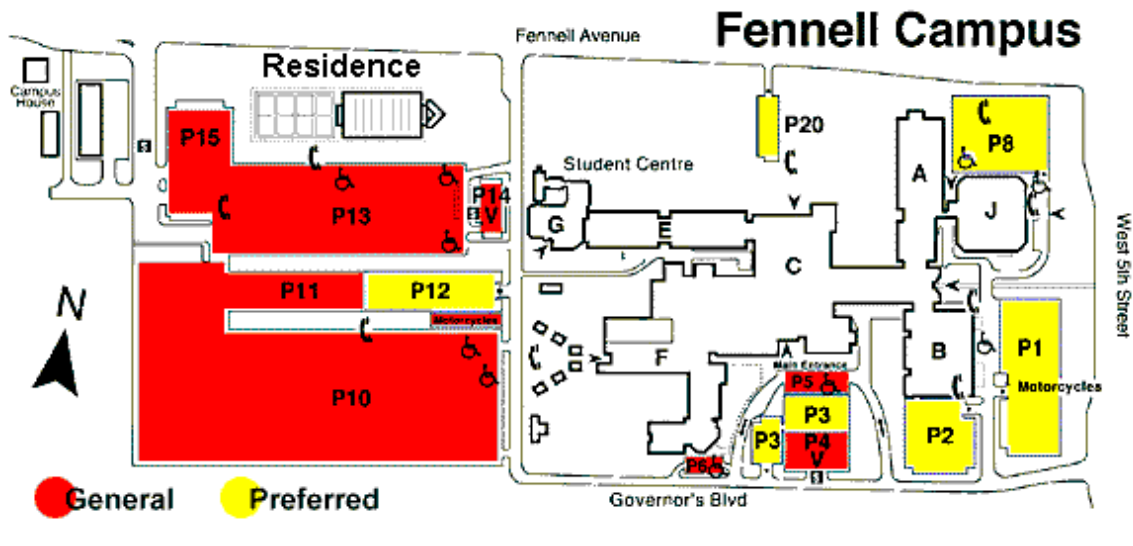
From points west (London):

- Hwy #401 East to Brantford
- Hwy #403 East to Hamilton
- exit at the Lincoln Alexander Expressway (the LINC) and go east
- exit at Garth Street and turn left (north) (follow the signs for Mohawk College)
- turn right (east) onto Fennell Avenue
- Mohawk College, Fennell Campus is on your right at the first stoplight at Governor's Blvd.

From points south (Niagara)

- QEW West to Hamilton
- exit at Centennial Parkway (Hwy #20) and go left (south)
- come up the "mountain" and turn right (west) on Mud Street; this becomes the Lincoln Alexander Expressway (the LINC)
- exit at Upper James Street and turn right (north)
- turn left (west) on Mohawk Road
- turn right (north) on West 5th St.
- Mohawk College, Fennell Campus is on your left just past the first stoplight

Mohawk College, Fennell Campus Parking



Parking is available for the groups using the conference rooms in parking lot P15. Please park your vehicle and proceed to the front desk in the residence building. The cost for parking is \$3.50 and can be paid at the residence reception desk.

2002 - 2003 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.

2002 – 2003 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY				
Month/Date	Theme	Tech Session 5:00 – 6:00 p.m.	Table Top Presentation	Guest Speaker/Main Topic
November 12, 2002	Student			Environmental Consulting (<i>Jim Anderson, Geomatrix Consultants</i>)
<u>THURSDAY</u> December 5, 2002	Research	Christmas Diner & Social Event - Hamilton Warplane Museum		
January 14, 2003	Membership	Radiant Ceiling Panel Basics (<i>Mat Brown, Engineered Air</i>)	Engineered Air, Radiant Panels	Tour - Mohawk College Hydronics Lab
February 11, 2003	TEEGA	Laboratory Fume Exhaust Systems (<i>MK Plastics</i>)		Interoperability of Control Systems (<i>Terry Hoffman, Johnson Controls</i>)
March 11, 2003	History			
April 8, 2003	Research	Combo System Basics		
May 13, 2003	Student			
June 11, 2003	Membership	Annual Golf Tournament – Whirlpool Golf Course Benefits of ASHRAE and Membership		

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