

1987 - 88 EXECUTIVE

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TABLE TOP	- S. CORRENTE



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. ⁵ 4

NO. ⁰⁰ 11

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At our July 14, 1987 Board of Governor's meeting G. Lavender completed the proposed 1987/88 program schedule in sufficient detail that we are sending out a copy to all members as an early preview of our upcoming year. There are some open speakers positions later in the year. We have several proposed subjects for presentation and will confirm our selection later in the fall. We feel that the schedule is as thorough as possible and includes all dates, locations, topics, mini-seminars and tabletop displays. We hope that you will keep it in a handy place of reference and schedule your attendance early.

* * * * *

The Board of Governors is again keeping the 1987/88 Windsor Chapter dues at \$25.00 which allows you a reduced meal charge at our monthly meetings. A Membership Roster will also be distributed in October, so please return your application and dues promptly.

Non-Chapter members will be required to pay a higher meal charge to help offset Chapter expenses (guest speakers, etc.) students may attend after dinner at no extra charge. Meal costs will be \$15.00 for Chapter members and students and \$20.00 for Non-Chapter members. Please confirm your attendance at the dinner meetings on a monthly basis, if possible bring exact change.

Again, please complete and return this form as soon as possible with cheque in the amount of \$25.00 payable to: "ASHRAE WINDSOR CHAPTER". Return to:

S.J. Laforet
4270 Mount Carmel
Windsor, Ontario
N9G 2E1

or

Paul Henshaw
c/o Wilson, Dario & Associates
1400 Windsor Ave.
Windsor, Ontario
N8X 3L9

See membership form enclosed.



WINDSOR ONTARIO CHAPTER NEWSLETTER

***** News Flash *****

Friday, September 18, 1987

This November 17th is Ladies Night and Windsor ASHRAE is going to present something different this year. The evening will feature "Who Done it?".

What is it you might ask? Well, the evening will be filled with wining, dining and adventure. We will begin the evening with some cocktails and dinner.

After dinner a group of theatrical players shall perform a MURDER MYSTERY, but leaving out the ending.

This is where you come in. They will provide every one with clues as to the murder weapon, the motive and most of all "Who Done it?".

Once you have your clue you are to mingle with the crowd in the attempt of finding and deciphering all the clues you accumulate to come up with the right answers.

You don't have to be an outstanding detective to play this game. Your motive is to get as many clues as you can which will help you zero in on the suspect.

More details to follow in the October Newsletter.

Enclosed please find an updated ASHRAE Meeting Schedule.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 1

* Members! Please note change in this months meeting date *

* * * * * September Meeting * * * * *

Tuesday, September 22, 1987
TBQ's The Other Place
Restaurant and Tavern
3067 Dougall Road
Windsor, Ontario

Fellowship 5:30 p.m.
Mini Seminar 5:45 p.m. *
Dinner 6:30 p.m.
Break 7:40 p.m.
Program 8:00 p.m.

* Members attending the mini seminars are asked to please be prompt.

Members are also urged to please call Lori Labelle for reservations at 969-7557.

* * * * * Program * * * * *

This months speaker will be Mr. Crombie McNeil of General Chemical Company Ltd. in Amherstburg, Ontario. Mr. Crombie is the Superintendent of the Refrigeration Plant. His talk for the evening will include the Manufacturing and Application and Quality Control of High, Medium and Low Temperature Refrigerant.

* * * * * Table Top Display * * * * *

Cliff Stoner of Crane Canada Inc. (Valve and Industrial Division) and Jack Smith of Suburban Heating and Cooling. Cliff and Jack will be on hand to display there products and answer your questions.

* * * * * Mini Seminar * * * * *

This months Mini Seminar will be conducted by Larry Mills of Canadian Blower Canada Pumps. He will introduce the "Fan Characteristics and Curves". Members again are urged to be prompt. It begins at 5:45 p.m. SHARP!

* * * * * Notes from the President * * * * *

September marks the start of the fifth year for the Windsor Chapter. We are looking forward to the "mini-seminar" series of presentations and the inauguration of a "permanent" meeting site. Our wish is to create an atmosphere which will encourage a large meeting attendance. This years regional conference will be held in London in May. It will be an excellent opportunity to get a large half day turnout from our Windsor Chapter for the Friday workshops and president's luncheon. We will give more details later on in the year. We hope to see you all on the twenty-second.

* Note: Sinclair Laforet and Paul Henshaw will be at the September 22 chapter meeting to receive membership forms and dues if you have not already mailed them.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 2

***** OCTOBER MEETING *****

Tuesday, October 20, 1987
TBQ's The Other Place
Restaurant and Tavern
3067 Dougall Road
Windsor, Ontario

Fellowship	5:30 p.m.	
Mini Seminar	5:45 p.m.	*
Dinner	6:30 p.m.	Cost \$15.00 Cash Bar
Break	7:40 p.m.	Non Members \$20.00
Program	8:00 p.m.	

* Members attending the mini seminars are asked to please be prompt.
Members are urged to please call Lori Labelle for reservations at 969-7557

***** PROGRAM *****

This month's speaker will Mr. Shekar Viswanathan, Ph.D., P. Eng. from Clayton Environmental Consultants. Mr. Viswanathan is the Assistant Vice President and Manager of Canadian Operations. His talk this evening will cover Indoor Air Quality and "Sick Building Syndrome" a slide presentation will also be included in his talk.

***** TABLE TOP DISPLAY *****

Bill Frost of Aerofin and Owen Slowey of Ductmate will be on hand at their displays to assist you and answer your questions.

***** MINI SEMINAR *****

This month's Mini Seminar will be conducted by Bill Frost of Aerofin. He will introduce the topic "Steam Coils". Members again are urged to be prompt. It begins at 5:45 p.m. sharp.

The Board of Governors would like to thank Jack Smith and Cliff Stoner for their table top displays last month. A hand also goes to Larry Mills who presented the Chapter's first Mini Seminar. A thank you also to Crombie McNeil of Allied Chemical who gave us a talk on Refrigeration.

HAVE YOU PAID YOUR CHAPTER DUES? DUE IT TODAY!

***** PRESIDENT'S NOTES *****

Early in September we received a letter from society president "Barney" Burroughs he has asked that all chapter members seriously consider participating in one of the fall Professional Development Seminars. He has set our chapter quota at "2". A copy of the seminar schedule was included in each of the August and September Journals.

Professional Bill Colborne has recently returned from his sabbatical at the University of California at Berkley. I have asked him to present an informal report on his activities as part of this month's dinner meeting.

***** OOPS!! *****

NOTE: Members please note Error of date for Ladies Nite in November, change from November 17 to November 13, 1987.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 3

***** NOVEMBER MEETING *****

Friday November 13, 1987
Rendezvous Restaurant
Tecumseh, Ontario

***** LADIES NIGHT *****

There is still time to get your tickets for this years Chapter Ladies Night feature "Who Dunnit?" evening. Tickets are going fast and are still available. Reserve your tickets now with:

Lou Panontin
c/o Southern Mechanical
3194 Devon Drive
Windsor, Ontario
N8X 4W2 Ph. 969-1722

***** DECEMBER MEETING *****

Our annual membership night will be held on Tuesday, December 15 at the Beachgrove Golf and Country Club and will be in lieu of a business meeting.

This is an annual event at which all professionals (engineers, designers, contractors, suppliers and owners) in the H.V.A.C. industry, can gather to wish each other seasons greetings and best wishes for the new year. It is also an excellent opportunity to introduce non-members to the advantages of membership in A.S.H.R.A.E.

We are planning an "open house" type evening with a cash bar, hors d'ouvres table and display of A.S.H.R.A.E. literature. We encourage everyone to attend and ask that each member make an earnest effort to bring a non-member guest. This is our one opportunity each year to attract new members into our Society so we urge each of you to attend. Members will be asked to pay a \$5.00 admission to help defray costs. Your guest will be admitted free.

***** PRESIDENT'S NOTES *****

Gerard Doyle, Region II Vice Chairman for Membership Promotion has asked that we remind our student members that advancement to full member status the first year after graduation is an excellent value. The first year cost is the basic \$8.00 student fee and will give the new member 12 issues of "The Journal" plus the current "Handbook" (a \$100.00 US value). Our board would also like to remind our students that they are welcome to all our dinner meetings even if they wish to come later in the evening to hear the guest speaker only.

Soon you will be contacted by a member of our research promotion committee for a personal or corporate contribution to ASHRAE Research Canada. This non profit organization was formed to ensure that all money collected in Canada stays in Canada to fund H.V.A.C & R research. We ask that you can be generous in investing in the future of our industry.

***** NOTICE TO DELINQUENTS *****

Members with unpaid dues at society level will find enclosed a letter and form to be returned to Sinclair Laforet or Paul Henshaw.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 4

***** DECEMBER MEETING *****

Beach Grove Golf & Country Club
14134 Riverside Drive East
Windsor, Ontario
Tuesday, December 15, 1987

SOCIAL HOUR 5:30 - 8:30

December Membership Meeting

Tuesday, December 15 we are holding an "open house" at the Beach Grove Golf and Country Club, as we previously announced we will feature a cash bar, hors d'oeuvres table and a display of A.S.H.R.A.E. literature. It will be a short evening with no formal meeting. Again, we strongly urge everyone to bring a non-member guest and introduce him to the benefits of membership in A.S.H.R.A.E. Members will be asked to pay a \$5.00 admission to help defray costs. Guests are admitted free.

***** JANUARY DINNER MEETING *****

Mr. G. Holness, P. Eng., Vice President and Director of Albert Kahn Associates Inc. of Detroit, Michigan will present the subject of thermal storage opportunities in industrial plants with a view to peak load reduction. Mr. Holness authored an article on this subject which appeared in the May, 1987 issue of the A.S.H.R.A.E. Journal. This subject should be of particular interest to our Building Owner/Operator Members.

***** JANUARY MINI SEMINAR *****

Mr. S. Laforet, P. Eng., Instructor at St. Clair College, Chatham Campus will present the subject of "Duct Sizing" as part of our ongoing series of air related technical presentations.

President's Notes:

Attendance at our first two dinner meetings and our Ladies Night has been excellent. Both dinner meetings benefited all attendees with interesting guest speakers and informative "mini-seminars". A special salute to Past President Lou Panontin whose Ladies Night "Who Dunnit" was enjoyed by all the 56 guests who attended the event.

December marks our annual Christmas membership openhouse at Beach Grove Golf and Curling Club. It is our best opportunity to share with other professionals in our industry the advantages of membership in ASHRAE.

The Windsor Chapter is I feel, healthy and diverse but if we are to maintain our vitality over a long period of time we will require the addition of new ideas and perspectives. We would certainly be enriched with the addition to our ranks of new members from the sheet metal and mechanical contracting trades. We also have no representation from the controls or the food processing industries. It is also disturbing that our major industrial firms are so sparsely represented. These are just a few areas where we should be recruiting prospective members. If you know of any individual or firm who would benefit from membership in ASHRAE please bring them to our December meeting.

(see over)

Membership growth is the responsibility of all our members not just our appointed committeemen. One of the main ways we can truly advance the arts and sciences of heating, refrigeration and air conditioning is to ensure the success of our society and chapter with the constant addition of new members.

On December 3 the Windsor chapter will present a talk on career opportunities in the H.V.A.C. industry and ASHRAE's role in the shaping of Human Destiny to the third and fourth year Mechanical Engineering students at the University of Windsor. We are hoping that this will become an annual event and will foster enough interest in ASHRAE to encourage the establishment of a student chapter at the University.

* * * * * CHAPTER ROSTER * * * * *

Paid-up Chapter Members as of November 10, 1987 will receive their roster with this Newsletter.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

* * * * * JANUARY MEETING * * * * * NO. 5

Tuesday, January 19, 1988

TBQ's The Other Place
Restaurant and Tavern
3067 Dougall Road
Windsor, Ontario

Fellowship	5:30 p.m.	
Mini Seminar	5:45 p.m.	*
Dinner	6:30 p.m.	Cost \$15.00 Cash Bar
Break	7:40 p.m.	Non Members \$20.00
Program	8:00 p.m.	

* Members attending the mini seminars are asked to please be prompt.

Members are urged to please call Lori Labelle for reservations at 969-7557.

* * * * * PROGRAM * * * * *

This months speaker will be Mr. G. Holness, P. Eng., Vice President and Director of Albert Kahn Associates Inc. of Detroit, Michigan. Mr. Holness will present the subject of thermal storage opportunities in industrial plants with a view to peak load reduction. Mr. Holness authored an article on this subject which appeared in the May, 1987 issue of the A.S.H.R.A.E. Journal. This subject should be of particular interest to our Building Owner/Operator Members.

* * * * * JANUARY MINI SEMINAR * * * * *

Mr. S. Laforet, P. Eng., Instructor at St. Clair College, Chatham Campus will present the subject of "Duct Sizing" as part of our ongoing series of air related technical presentations.

* * * * * TABLE TOP DISPLAY * * * * *

Greg Paul of Crane and Jerry Lavender of Airwaso will be on hand at their displays to assist you and answer your questions.

* * * * * PRESIDENTS NOTES * * * * *

I received a letter dated December 3, 1987 from George Buckler, our regional chairman in which he informed us that B. Burroughs our society president, has requested that region II postpone its regional conference scheduled for May, 1988 in London to October 1988. Society is strongly in favour of fall conferences to be used as a training ground for incoming committee chairmen. At present our spring conferences review the preceeding years activities and our "results". A fall CRC would also allow each delegate to examine the yearend reports of all other chapters for the entire summer prior to meeting. Each delegate would be more fully prepared to comment on, or question other chapter's reports.

There are a great many questions with regards to the "bookkeeping" and PAOE points system associated with this change which we have raised with George Buckler. As this information becomes available I will keep everyone informed in future mailings.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 6

***** FEBRUARY MEETING *****

Tuesday, February 16, 1988

TBQ's The Other Place
Restaurant and Tavern
3067 Dougall Road
Windsor, Ontario

Fellowship	5:30 p.m.	
Mini Seminar	5:45 p.m.	*
Dinner	6:30 p.m.	Cost \$15.00 Cash Bar
Break	7:40 p.m.	Non Members \$20.00
Program	8:00 p.m.	

* Members attending the mini seminars are asked to please be prompt.

Members are urged to please call Lori Labelle for reservations at 969-7557.

***** PROGRAM *****

This months speaker will be Mr. Bob Chesnik, M.Sc. Occupational Health, Industrial Hygenist for Chrysler Canada Limited. Mr. Chesnik's responsibilities include the monitoring of worker exposure to chemical contaminants in all Chrysler Canada plants. His talk on "The Role of Ventilation in a Safe Workplace" should be of interest to all of our members and guests from industrial facilities.

***** FEBRUARY MINI SEMINAR *****

Chris Moore, of Preston, Phipps Inc. in Sarnia will present the subject of "Steam Humidifier Sizing" as part of our ongoing series of air related technical presentations.

***** TABLE TOP DISPLAY *****

Gary Craig of Chromalox will be on hand at his display to assist you and answer your questions. Yarway will be represented by Brad Taylor of Mentec and Gord Basso of Yarway.



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 7

* * * * * MARCH MEETING * * * * *

Tuesday, March 15, 1988
TBQ's The Other Place
Restaurant and Tavern
3067 Dougall Road
Windsor, Ontario

Fellowship	5:30 p.m.	
Mini Seminar	5:45 p.m.	*
Dinner	6:30 p.m.	Cost \$15.00 Cash Bar
Break	7:40 p.m.	Non Members \$20.00
Program	8:00 p.m.	

* Members attending the mini seminars are asked to please be prompt. Members are urged to please call Lori Labelle for reservations at 969-7557.

* * * * * PROGRAM * * * * *

This months meeting is sponsored by the Education Committee and will feature this year's top student engineering research paper in the H.V.A.C. Sciences.

The board of Governors would like to thank Mr. B. Chesnik of Chrysler Canada Limited for his talk on "The Role of Ventilation in a Safe Workplace".

* * * * * MARCH MINI SEMINAR * * * * *

Walter Deans of E.H. Price in London will present the subject of Diffuser and V.A.V. Box Sizing.

* * * * * TABLE TOP DISPLAY * * * * *

Walter Deans of E.H. Price and Larry Mills of Canadian Blower/Canada Pumps will be on hand at their displays to assist you and answer your questions.

* * * * * ASHRAE RESEARCH * * * * *

Our research promotion committee has been formed and will be contacting all our members for an "investment" in ASHRAE RESEARCH CANADA.

One of the most important mandates of Society is to fund the basic research which forms virtually all the standards of our industry.

Please give Lou Panontin and his committee your full support and cooperation.

* * * * * SATURDAY SEMINAR * * * * *

On Saturday, April 9, 1988, the Energy Management and Education committees will be sponsoring an all day seminar on "Energy Management Controls and Strategies". Greg James, P. Eng. of Johnson Controls Ltd. will present the topics of Energy Management (EM) Hardware, EM Programs and Calculations, DDC Systems, computerized EM, Facilities Management Systems and the Future in EM. The seminar will run from 9:00 am to 4:00 pm in Room 305, Essex Hall, University of Windsor. Lunch is included. A registration form will be sent to all members at a later date.



WINDSOR ONTARIO CHAPTER NEWSLETTER

As part of Engineering Week, the ASHRAE Windsor Chapter Energy Management and Education Committees are pleased to provide for you a seminar on

ENERGY MANAGEMENT CONTROLS AND STRATEGIES

by

Greg James of Johnson Controls, London, Ontario

April 9, 1988

9:00 am to 4:00 pm

Room 305, Essex Hall, University of Windsor

The committees wish to acknowledge the cooperation and assistance of the Department of Mechanical Engineering of the University of Windsor.

OUTLINE

The central theme will be Energy Management Controls and Strategies. Standard control systems and programmable thermostats, timeclocks and controllers will be reviewed. Direct digital control (DDC) is the state-of-the-art in the HVAC industry today, and is featured in the March, 1988 issue of the ASHRAE Journal. The characteristics and use of DDC will be featured as the main topic in the seminar. Integration of DDC in energy management strategies and a look into the future will be provided. The seminar will give us up to date information in an important area of our interests.

The cost will be \$20.00 for regular participants or \$10.00 for students. Lunch is included in the price.

Enrollment may be limited and advance notice is required. To reserve your place at the seminar please do the following as soon as possible:

- a) phone Paul Henshaw at (519)-258-8004
b) complete the tear off portion below and mail it to Paul to reach him by April 1, 1988.

Mr. P. Henshaw
c/o Wilson, Dario & Associates Ltd.
1400 Windsor Avenue
Windsor Ontario
N8X 3L9

Name: _____

Address: _____

Phone: _____

Payment: Please enclose a cheque for \$20.00 (or \$10.00 for students)
payable to ASHRAE Windsor Ontario Chapter



WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

NO. 8

***** APRIL MEETING *****

Tuesday, April 19, 1988
Smitty's Restaurant
307 Grand Ave. West
Chatham, Ontario

Fellowship	6:00 p.m.	
Dinner	7:00 p.m.	Members \$15.00
Break	8:00 p.m.	Non Members \$20.00
Program	8:15 p.m.	Cash Bar

Members are urged to please call Lori Labelle for reservations at 969-7557.

***** PROGRAM *****

The students with the best final-year project from the Mechanical Eng. Technology (Energy Management) course at the Thames Campus of St. Clair College will present a synopsis of their work at the April meeting.

The feature speakers for this month's meeting will be Mr. John Bisset, P. Eng. of Chorley & Bisset Ltd. and Mr. Ron Rader of the Kent County Municipal Building. The topic of their presentation will be "Energy Management Strategies Employed at the Kent County Municipal Building".

***** TABLE TOP DISPLAY *****

We would like to thank Gord Basso of Yarway, Brad Taylor of Mentec and Gary Craig of Chromalox for their table-top presentations at our February meeting.

Due to time and space limitations there will be no table-top display or mini-seminar at our April meeting.

***** MAY MEETING *****

Our final meeting for the 1987-88 year will be held at The Other Place Restaurant on Dougall Ave. President Hales is sponsoring this meeting which will feature Mr. Jim Drummond of the Ministry of Environment. Mr. Drummond will speak about the obligations of design professionals and building owners under the Environmental Protection Act.

***** SATURDAY SEMINAR *****

This is the "LAST CHANCE" to register for the April 9 seminar on Energy Management Controls and Strategies. \$20.00 fee includes lunch. Call Paul Henshaw at (519) 258-8004 IMMEDIATELY if you plan to attend and have not already contacted him.

***** PRESIDENT'S NOTES *****

Our Chapter's February and March meetings suffered through the winter doldrums and were poorly attended. The result was the Board of Governor's canceled March's mini-seminar and table top displays. We will reschedule both in the near future as they were of excellent quality and should not be missed. We hope that with the start of better weather our attendance will improve for our last two meetings. See you in April in Chatham!

over...

- we have received our final instructions for the move to a fall CRC in London from George Buckler our Region II Chairman.

I would like to remind all committee chairmen that your final yearend reports are due by June 30 at the latest so that our chapters overall report can be submitted to George before July 15.

I am in possession of all past yearend reports as reference if anyone is unsure of the proper format to use.

- Our spring seminar will be held Saturday, April 9. We anticipate a good turnout as it marks the end of Windsor's Engineering Week. We are especially hopeful of a good student attendance.

- The Board of Governors wishes to remind each of you of the high priority placed on research promotion by our Society.

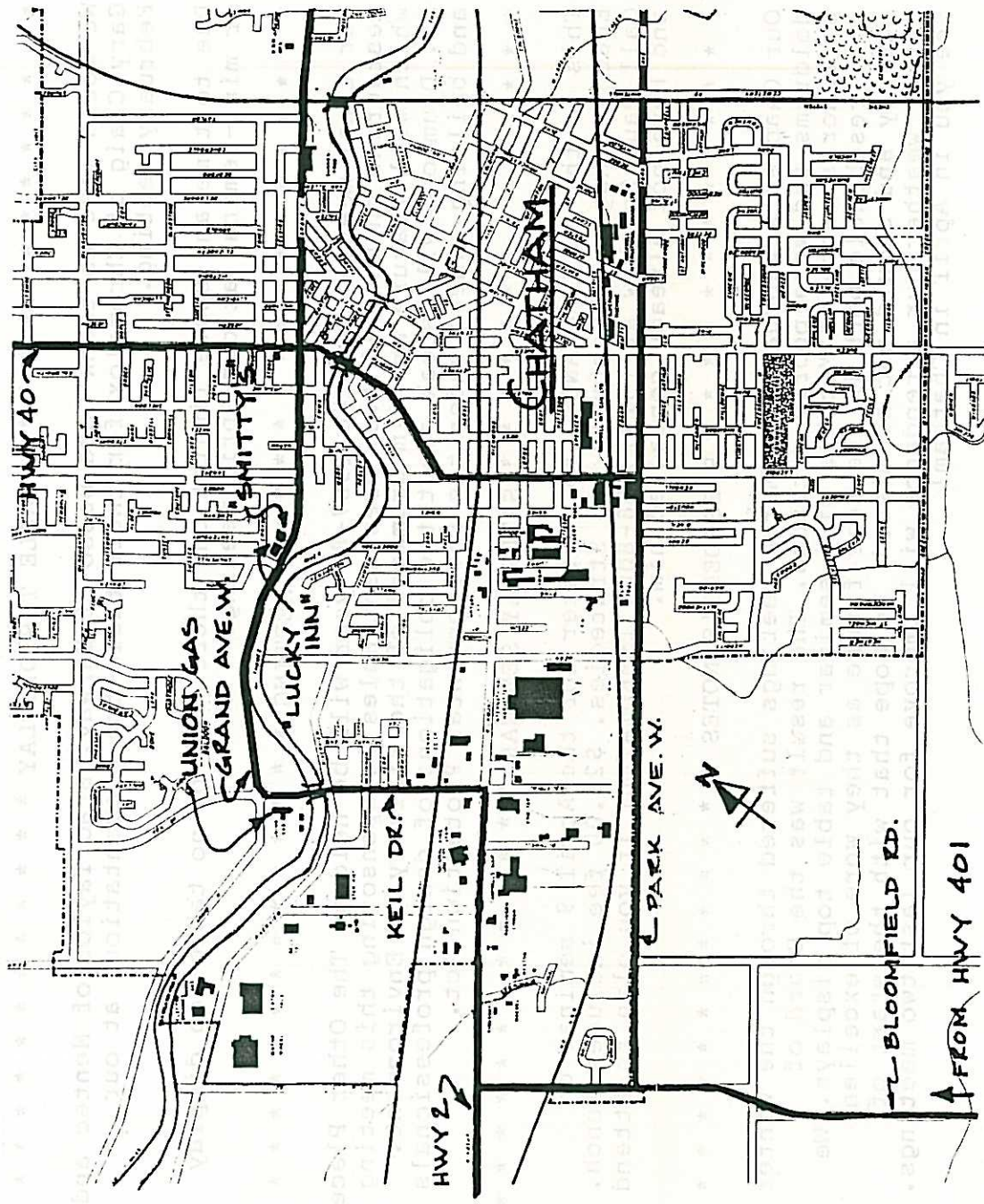
Please respond promptly and generously to Lou Panontin's committee when they call.

***** NOMINATIONS *****

At the March meeting Mr. C. Hales presented the Nominating Committee's slate of officers for 1988-89, they are:

President	: J. Lavender
President Elect	: W. Colborne
Secretary	: N. Wilson
Treasurer	: G. Dufour

Board of Governors:	N. Dario
	G. Black
	A. Avian
	T. McDonald





WINDSOR ONTARIO CHAPTER NEWSLETTER

VOLUME NO. 5

***** MAY MEETING ***** NO. 9

Tuesday, May 24, 1988
TBQ The Other Place
Restaurant and Tavern
3067 Dougall Road
Windsor, Ontario

Fellowship	5:30 p.m.	
Mini Seminar	5:45 p.m.*	
Dinner	6:30 p.m.	Members \$15.00
Break	7:40 p.m.	Non Members \$20.00
Program	8:00 p.m.	Cash Bar

* Members attending the mini seminars are asked to please be prompt.

Members are urged to please call Lori Labelle for reservations at 969-7557.

***** PROGRAM *****

This month's meeting is sponsored by the chapter President and will feature this month's topic on "Obligation of Designers & Building Owners under the Environmental Protection Act". Mr. Jim Drummond of the Ministry of Environment will be our guest for the evening. His talk should be of great interest to all our members as well as our guests from industrial facilities.

The Board of Governors would like to thank the students of St. Clair College from the Mechanical Eng. Technology (Energy Management) for their Synopsis of their work. Also a thank you to Mr. Ron Rader and Mr. John Bisset, P. Eng. for their presentation on "Energy Management Strategies Employed at the Kent County Municipal Building".

***** PRESIDENT'S NOTES *****
May's dinner meeting will be the last official chapter function for 1987-88 and will conclude with the installation of the 1988-89 executive headed by Gerry Lavender. It is my hope that Gerry will receive the same cooperation from all our chapter members that I received during my year as president.

Under the heading of unfinished business, each of us should make a commitment to support ASHRAE research and the development of our industry with a cheque to ASHRAE Research Canada. If you have not already done so, please send a cheque to Lou Panontin today. Any contribution would be appreciated.

Committee chairman, don't forget your year end reports. I need them as soon as possible.

Finally, I would like to thank all the committee chairmen for their support this year. A special thank you, from all of us should go out to John van Huizen, Virginia Khan and Mary Lou Oglan who have produced the Newsletter and Roster for four years. They have done this almost thankless task in good spirits despite our sometimes lack of cooperation in getting them the articles and information they need in due time. Without their efforts we could not enjoy the successes of our dinner meetings and mini seminars.