OCTOBER MEETING

Monday October 20, 2003

Time: 5:30
Tour: 5:45-6:45 PM
Dinner: 7:15 PM

Meet in front of CEC building
Cleveland Environmental Center Tour
Dinner at Great Lakes Brewery, with cash bar

R.S.V.P. at (216) 251-3094 by 12:00 Noon on Friday, October 17th for Reservations

Dress Attire is NOW Business Casual

The Adam Joseph Lewis Cleveland Environmental Center (CEC) is located in an historic 1918 Cleveland Trust Bank Branch in Ohio City--a neighborhood in Cleveland’s near-west Side. This unique center for non-profit organizations demonstrates that green building can be done affordably in an historic building, while building capacity for Cleveland environmental organizations. The project is a joint effort of Ohio City Near West Development Corporation (OCNW), the Cleveland Green Building Coalition and Cleveland Urban Properties.

Green Building Specifics:
The 25,000 square foot building will receive historic tax credits, while integrating numerous green building features. Green building is the design, construction and, operation of buildings that reduce energy consumption, save money, reduce the use of natural resources, and create a healthy, comfortable living and working environment.

The CEC utilizes these strategies in the following ways:
Energy Efficiency—67% more energy efficient than a standard retrofit
Water Efficiency—No Irrigation, local plantings, waterless urinals
Resource Reuse—80% recycled building materials
Renewable Energy—Solar and geothermal systems
Improved Indoor Environmental Quality—Non-toxic pains and finishes, fresh air, CO2 monitors
Alternative Transportation Access—Rapid transit, bike racks, busses, fleet of 10 bikes for tenant use
Building Amenities—Roof-top garden, conference facilities
Well the year got off to a great start with our September meeting on Underfloor Air Distribution. Thanks to Jenny Abney of Titus for coming all the way up from Dallas, Texas to speak before the Chapter and to Dave Deschler for arraigning it.

If anybody is interested in getting involved in the local chapter to help out on committees, please see myself or any of the Board of Governors. Last month, one gentleman came up, introduced himself, and stated he would like to get involved wherever we needed help. Participating in the local level committees is a great way to give something back to the membership and make contacts in the industry. We can always use good people to help serve on committees. It wouldn’t take more than an hour or two a month, which is a worthwhile investment.

Don’t forget to call in your reservations in for all meetings. We appreciate those who do always respond on time. It makes the job for the employees at Harry’s Steakhouse much easier. They can staff the events properly and not have to worry about scrambling the night of the event organizing extra tables and meals.

Our annual tour for the year will be of the Cleveland Environment Center. We will be looking at the different elements that Cleveland Green Building Coalition designed for the building such as Renewable Energy with solar and geothermal systems, Water efficiency with waterless urinals. The building renovation encompassed replacing the existing radiators with geothermal heat pumps, and the perimeter of the Main Lobby is heated and cooling with a radiant slab. This sounds like a great tour and I hope to see you there.

The website has been revamped over the summer and given a fresh new look. Take a look at www.clevelandashrae.org. Items of note are that you can now submit a request to receive the newsletter by e-mail and send roster updates right online. Also, the membership advancement form and membership application can be obtain online on the new membership page.

Have a submission for a Technology Award? Call Matt Nelson at 440-243-3535. Locally, we have not had any representation on a regional or society level for a couple of years. To submit for local judging all that is required is to fill out the short form. That’s something I can even help you with over the phone!

Government Activities committee has been active behind the scenes last year, culminating in a second place finish for our Government Activities Award submission at the regional CRC. This year we hope to expand on the information passed on to the members, more details to come.

The technology transfer library is a reality! Late last year the board approved funding for this endeavor with the Cleveland Public Library. Our local ASHRAE chapter is helping to broaden the collection of HVAC-related materials which are readily available to not only our membership, but to students and the community as well. Haven’t been to the library lately? You’d be amazed at the first class collection they have and now our local chapter is a part of that. The technology transfer library info page will be appearing on the website in the coming months.
Meeting Location:
Cleveland Environmental Center
3500 Lorain Ave
Cleveland, OH

Driving Directions: Go to downtown Cleveland. Exit at either Ontario or E. 9th street exits. Take a left onto Lorain, next to Jacobs field. Stay on Lorain unit it intercepts with Fulton. Street parking should be available.

Dinner Location:
Great Lakes Brewery
2516 Market Ave
Cleveland, OH

Driving Directions, from the CEC: Go east, or left, from CEC, on Fulton take a left onto Market. Pay lot and street parking available!
THE GREEN BUILDING COUNCIL

Objectives
This project has three main objectives: (a) demonstrate cost effective ecological design and development to stimulate the incorporation of green-building methods into local building practices; (b) create a cohesive, synergistic, and effective office center for Cleveland’s environmental community; and (c) contribute to the revitalization of Ohio City’s commercial district.

A Greener Building – Ecological and Affordable
High profile projects, such as the Adam Joseph Lewis Center for Environmental Studies at Oberlin College, have brought much attention to green building design and cutting-edge ecological technology. With all of the excitement generated by these projects in environmental circles, surprisingly little impact is being made with the real estate professionals (e.g., developers, architects, engineers) or their clients. While establishing that green buildings are possible, the “state of green” projects have also confirmed that green buildings employ budgets and technology far beyond the reach of all but a few commercial projects.

The Cleveland Environmental Center will use available and affordable green design, materials, and technologies in a generic building renovation that meets the strict time and budget constraints of the marketplace. This will be accomplished by (1) structuring the project within the confines of economic feasibility, (2) identifying energy efficiency and ecological sensibility as primary “client” objectives, (3) engaging real estate professionals committed to, and well versed in, the green building movement, and (4) thoughtful & coordinated planning and design.

Once completed, a project guide will be compiled to (1) quantify the benefits and premiums, if any, associated with the “greening” of the building [the data will be updated through the first several years of the Center’s operation], (2) identify the green methods, technologies, materials, contractors and suppliers used on the project, and (3) suggest how green building principles can be reconciled with historic tax credit requirements. The Project will be one of the first LEEDS certified commercial developments in the Midwest, and will serve as a model for developers in Northeast Ohio and beyond.

This project will serve as an educational tool, even before construction starts, through ties with ongoing GBC educational programming. Once complete, the building will serve as a working model of green design principles for area real estate professionals, as well as tenants, media, environmental organizations, students, and interested citizens.

Chapter Program's Corner
Thanks you Jenny Abney of Titus Inc. for presenting our Mini-Seminar on ARI-885-98 Update and Underfloor Air Distribution. The main meeting had an attendance of 56 members. It was a new topic for many of the audience. The benefits are the flexibility of this type of system for the placement of the air distribution during initial installation and especially when the space changes its configuration. The difference is having a 63 degree leaving air temperature in lieu of the typical 55 due to the air entering the space at the floor level. The lack of the lighting heat gain not being part of the space load was another added benefit. The overall tonnage of the space will not change, but airflow should be checked since the delta T is smaller and lighting and roof load will be seen by the coil and not the space. We were also reminded that we should consider humidity control and that the use of face and bypass dampers to mix has been a successful method. This topic lead to a lot of good questions.
Chapter Calendar:

Nov 17, 2003  Specification Writing
Location: Harry’s Steakhouse
Joint meeting with ASPE

Dec 12, 2003  Winter Social, Harry Connick JR

Jan 19, 2004  Pumping Technologies
Location: Harry’s Steakhouse
Research Donor Recognition Night

TIME IS RUNNING OUT

As most of you know, there will only be one more ASHRAE newsletter mailed out in paper form. Please get me your email address if you are NOT already receiving this via the email. I will keep your email address to myself, and will only mail out ASHRAE approved emails. You should also try and get adobe acrobat reader. It is a free download. Here is the site link: www.adobe.com/products/acrobat/readstep2.html
So please if you have not already, respond in email to: andrew.tenhundfeld@york.com. Thank you, and have a great day.

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