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October 2004

Quaker City CLIMATE

JOURNAL OF THE PHILADELPHIA CHAPTER OF THE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS, INC.

PHILADELPHIA CHAPTER

JOINT MEETING WITH SMCA

ENGINEERS NIGHT

Thursday, October 14, 2004

5:30 PM

Cocktails and Vendor Displays

6:30 PM

Dinner and Presentation

“HVAC System Commissioning - from the customer’s point of view”

(see page 3 for further details on speakers and displays)

Location

The Ritz-Carlton

Grand Ballroom

Ten Avenue of the Arts

Philadelphia, PA

All ASHRAE consulting engineers who would like to attend may respond directly to SMCA by email to dvalentine@smca.org.

All other ASHRAE members who would like to attend should respond to Hope Silverman by email at hope@multiservicemgmt.com or by phone at 610-971-2169.

The cost for these members will be \$50.

Payment may either be by check or VISA or MasterCard.

A 5% service fee will be added to all credit card payments.

THE CUT-OFF DATE FOR REGISTERING IS OCTOBER 7th.

ALSO:

See Page 4 for new information
on our Golf Outing on October 25th!

President's Message

Being responsive to the needs of its members is a hallmark of any good professional organization. ASHRAE is undergoing a major self-study to assess the areas that need improvement. This work begins with a Mission and Vision Statement, a development of Core Values, and setting Strategic Goals. At the Chapters Regional Conference last August in Philadelphia, the statements shown below were distributed. Please read through them carefully and contact me if you have questions or concerns. This is your organization; give us your feedback.

Steven Ridenour, PE
College of Engineering
Temple University
215.204.8825

ASHRAE Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning and refrigeration and related human factors to serve the evolving needs of the public and ASHRAE.

ASHRAE's Core Values

Excellence - We are committed to the achievement of technical quality and excellence in our programs, publications, courses and other activities.

Advancement - We are committed to the advancement of the arts and sciences of HVAC&R for the benefit of society, whether through technology transfer or education and training.

Integrity - We are committed to honesty in the practice of our profession as embodied in the ASHRAE Code of Ethics. **Leadership** - We are committed to providing leadership within our industry, and developing leadership qualities in our members.

Service - We are committed to service to our members and to the public.

ASHRAE Vision

- ASHRAE will be the global leader in the arts and sciences of heating, ventilation, air conditioning and refrigeration;
- ASHRAE will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines; and
- ASHRAE will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

ASHRAE Strategic Goals

1. Make the Handbooks more relevant to ASHRAE's primary customers
2. Create a comprehensive ASHRAE Business Plan
3. Develop and maintain products and services to meet the needs of ASHRAE's primary beneficiaries
4. Create a culture of innovation and flexibility within ASHRAE that recognizes and responds to technological change
5. Optimize the use of volunteer's time

Volunteers Wanted!

Your Philadelphia Chapter officers are asking for your help in leading the chapter's efforts as a resource to the HVAC&R community here in the Delaware Valley. The chapter has needs for both one-time and ongoing commitments. The following list highlights some specific areas in which we need help:

Membership Promotion Committee:

We are looking for committee members to help promote ASHRAE membership amongst HVAC&R professionals.

Chapter Technology Transfer Committee:

Members of this committee help provide technical resources to our membership, and facilitate the sharing of useful information with other chapters. We desperately need someone to chair the sub-committee that will solicit entries from our local members for Technology Awards. ASHRAE Technology Awards are used to recognize innovative designs at the regional and national level.

Student Activities Committee:

Members in this committee help increase ASHRAE involvement in local schools and universities. The following are some specific objectives this year:

1. Establish new student chapters at local universities and technical schools
2. Participate in the Future Cities Competition (volunteers needed as mentors, judges, and coordinators)
3. Arrange speakers for local K-12 schools during National Engineering Week

If you have an interest in one of these areas, contact Volunteer Chairman Jay Halsey at jayhalsey001@aol.com.

October Meeting with SMCA

Our meeting on October 14 is a joint meeting with SMCA of Philadelphia. We will be joining them for their annual Engineers Night at the Ritz-Carlton. The event will be held in the Grand Ballroom at Ten Avenue of the Arts in Philadelphia. A cocktail reception with vendor displays will begin at 5:30pm, followed by dinner at 6:30pm and the evening's presentation, "HVAC System Commissioning - from the customer's point of view".

On the guest panel are Paul Voss, Director of Property Management, Buccini Poulin Group, George M. Livanos, PE, Senior Project Manager, Facilities Services and Construction Management, The Children's Hospital of Philadelphia, and there will also be a representative from one of the region's major pharmaceutical manufacturers. Each speaker will make a five to ten minute presentation on owners' expectations of an HVAC system and why they would or would not, hire a commissioning agent to validate that system.

As an added attraction, both the National Environmental Balancing Bureau (NEBB) and the Testing and Balancing Bureau (TABB) will be in attendance to display at the pre-dinner reception/table top trade show, and they will each make a brief, pre-dinner presentation on commissioning from their perspective.

All ASHRAE consulting engineers who would like to attend may respond directly to SMCA by email to dvalentine@smca.org.

All other ASHRAE members who would like to attend should respond to Hope Silverman by email at hope@mutliservicemgmt.com or by phone at 610-971-2169. The cost for these members will be \$50. Payment may either be by check or VISA or MasterCard. A 5% service fee will be added to all credit card payments.

The cut-off date for registering is October 7th.

Check
www.ashrae-philadelphia.org
for further information
on the
Philadelphia Chapter!

PHILADELPHIA CHAPTER 2004 GOLF OUTING

NEW DATE - MONDAY, OCTOBER 25TH

ASHRAE NEEDS YOUR HELP !!!!!

For several reasons, we have not done a good job of promoting this year's annual golf outing at The DuPont Country Club. DuPont has agreed to shift the date from October 6, 2004 to **October 25, 2004**.

We are at risk of being charged \$15,000 if we are unable to have the outing this year!!

As well as requesting your participation, we encourage you to seek out additional players.
October is a great time to play golf !!!

Please complete the enclosed registration form and return it with your payment as soon as possible!

We have reduced this year's price from \$150 to **\$140**. This is due to ASHRAE's concerns about the liability of providing an open bar. We will only have cash carts on the course and a cash bar at the cocktail hour.

Let's rally together to have another great golf outing in 2004!!

WHERE:

The Dupont Country Club Nemours Course

FORMAT:

7:30 AM Shotgun start

1:30 PM Shotgun start

5:00 PM Cocktails (cash bar) followed by Dinner and Golf Prize Awards

FEES:

Golf and Dinner \$140

Dinner only \$ 55

SPONSORSHIP OPPORTUNITIES

EVENT SPONSOR	\$750	Two Golf/Dinner tickets, Name prominently displayed at the Golf Outing, Name displayed in each golf cart, Name displayed on each tee, Name recognized during the Dinner program and Prize Awards.
GOLF CART SPONSOR	\$300	Name displayed in each golf cart and recognized at the prize awards.
HOLE SPONSOR	\$150	Name displayed on random tees and recognized at the prize awards.
AWARDS SPONSOR		Name recognized at the prize awards (funds as well as golf-related items accepted).

Note: Prize awards will be based on sponsorship contributions. We look forward to your support.

RESERVATIONS and SPONSORSHIP CONTACT:

HOPE SILVERMAN

Philadelphia Chapter ASHRAE

Phone: 610-971-2169 Fax: 610-971-4859 Email: hope@multiservicemgmt.com

Checks or credit cards (+5% handling for credit cards) accepted.

RESERVATIONS & PAYMENT MUST BE RECEIVED AS SOON AS POSSIBLE

Directions and additional information will be sent to registered attendees.

ASHRAE GOLF OUTING REGISTER

NAME/ and E-mail Address	HANDICAP (Approximate)	COMPANY	OFFICE # and CELL #	GOLF & DINNER \$140	JUST DINNER \$55

SPONSORSHIP OPPORTUNITIES

- ☐ LIKE TO SPONSOR EVENT AT \$750 EACH.
☐ LIKE TO SPONSOR GOLF CART AT \$300 EACH.
☐ LIKE TO SPONSOR A HOLE AT \$150 EACH.
☐ LIKE TO SPONSOR AWARDS (CASH FUNDS OR GOLF ITEMS)

Payment Method

- 1) Check - Payable to "Philadelphia Chapter ASHRAE"
 Mail to ASHRAE, 994 Old Eagle School Road, Suite 1019, Wayne, PA 19087-1866

- 2) Charge Card (5% of total will be added for handling fee)

☐ MasterCard ☐ VISA

Card # _____

Name on Card _____

Expiration Date _____

Signature _____

Address of Cardholder _____

PHILADELPHIA CHAPTER ASHRAE 2004 - 2005 PROGRAMS

For reservations and updates, check www.ashrae-phila.org.

Date	Location	Pre-Dinner Topic	Dinner Topic	Theme
Oct 14 Thursday	Ritz-Carlton	Vendor Displays	HVAC System Commissioning	Engineers Night Joint Meeting with SMCA
Oct 25 Monday	DuPont CC	Golf Outing	Golf Prizes	
Nov. 11 Thursday	Cesaphe	Heat Pipes	Chillers	Refrigeration Night & Donor Recognition
Dec. 9 Thursday	Holiday Inn	Dedicated Outside Air Systems	<u>Breakfast</u>	Air Systems & Membership Promotion
Jan. 13 Thursday	Colleen's	Commissioning	LEED Requirements	LEED / Joint Meeting with DVGBC
Feb. 10 Thursday	Colleen's	SMCA TBD	ASHRAE Distinguished Speaker	Joint Meeting with SMCA / Student Night
March 10 Thursday	TBD	Table Top Show	Panel Discussion	Research / Joint Meeting with GPBPA
April 14 Thursday	Colleen's	90.1 Controls	Control Logic	Past Presidents Night / Controls
May	Citizen's Bank Ballpark	Tour	Phillies Outing	Joint Meeting with GPBPA
June	Temple University		Planning Meeting	2005-2006

ASHRAE ANNOUNCES . . .

New!!

Affiliate Membership Grade

For an Annual Dues of \$40, applicants under age 30 can join ASHRAE at this introductory membership level.

This grade is available to new members only. Membership tenure in this grade is limited to three (3) years.

Affiliate Members Benefits

Affiliate Members receive monthly issues of the *ASHRAE Journal* and are entitled to a one-time discount (20% off) on all Handbook items.

They also have access to members-only web pages.

The annual ASHRAE Handbook and *ASHRAE Insights* Newsletter are not a benefit of this grade.

Qualifications

An Affiliate Member shall have the same qualifications as an Associate Member. They are:

1. Experience in technical matters or in design, operation, or maintenance in heating, refrigerating, air conditioning, or ventilating fields.
2. An interest in the advancement of the Society's aims.
3. Possess sufficient qualifications to cooperate with heating, refrigerating, air conditioning, or ventilating engineers in the advancement of relating to heating, refrigerating, air conditioning, or ventilating engineering and its application.

Limitations

Affiliate Members cannot hold board positions at the regional or local level.

To Receive an Application

Go to www.ashrae.org and click on "Join" in the upper right corner.

This will take you to a page describing each membership grade, its benefits and qualifications, and a link to the membership application forms.

Corporate Sponsor Bios

B.J. Terroni

The B.J. Terroni Co., Inc. was established on February 15, 1981, as a four man stocking manufacturer's representative. The company served the residential market with the hydronic offering of the Taco, Inc. product line. The Terroni family, Bart Sr., Bart and John, leased 1,700 sq. ft. office and warehouse space in Andalusia, PA and covered what is their present territory of Central and Eastern PA, Southern New Jersey and Northern Delaware.

Twenty-two years later, the Terroni family, with Christopher joining in 1991, owns and operates a 25 person stocking manufacturer representative organization in a 20,000 sq. ft. facility in Bensalem, PA. Future plans include expansion into a larger facility by year end 2005. B.J. Terroni Company, Inc. serves the residential, commercial, and industrial markets for high profile product lines such as Taco, Burnham, New Yorker, Modine, Lochinvar, and Skidmore, to name a few.

As the company constantly grows to meet the technological needs of a changing industry, B.J. Terroni Company, Inc. was, is, and always will be about the people; our dedicated employees and our loyal customers.

Thank you to these sponsors who were not included in the list of Corporate Sponsors in the September issue of this newsletter:

Aerotech Filtration
Carrier

Bruce E. Brooks & Associates

Bruce E. Brooks & Associates is a Professional Consulting Engineering firm that provides Mechanical, Electrical and Fire Protection Engineering services to a variety of institutional, corporate and professional clients. The firm was established in 1980, incorporated in 1983 and presently consists of twenty-two full-time employees. The firm offers a wide range of professional services including feasibility studies, life cycle cost analyses, code analyses, engineering design, and construction administration. Areas of expertise include historical preservation and adaptive reuse, high-rise renovation, controlled environments including museums and archives, industrial ventilation and acoustically sensitive spaces. Energy efficiency and preservation of the environment are emphasized in all of the firms' projects. They were recently awarded the ASHRAE Regional Technology Award and a Certificate of Appreciation from the U.S. Fish and Wildlife Service for their work at the Cusano Environmental Education Center at John Heinz National Wildlife Refuge at Tinicum. They were also part of the award-winning teams for Design Excellence at the 2002 AIA Philadelphia Awards for the Benham Gateway at Bryn Mawr College, and the Chemical Heritage East Building.

Recent projects include renovation and new construction at private and public schools, colleges and universities, hospitals, museums, churches, manufacturing facilities, commercial office buildings and public housing. Clients include Haverford College, Princeton University, University of Pennsylvania, Sidwell Friends School, Quaker Chemical Corporation, Unisys Corporation, Amerimar Enterprise, Inc. and Corporate Office Properties Co. The firm also provides ongoing consulting services for the Pennsylvania Historical and Museum Commission in Eastern Pennsylvania, as part of a continuing service contract team.

It's not too late!

Your company may still take part in our Corporate Sponsor program!

Call Hope Silverman at 610-971-2169 or email hope@multiservicemgt.com for further details.

ASHRAE RESEARCH - Donor Form Philadelphia Chapter 21 - Region 3

1) Type of Contribution;

- ☐ Individual
☐ Corporate
☐ Memorial To: _____

Please attach the details for the acknowledgement to,
relationship to, and addresses.

2) Level of Contribution;

- ☐ Golden Circle (\$10,000 and greater)
☐ Research Partner (\$5,000-\$9,999)
☐ Research Associate (\$2,500-\$4,999)
☐ Research Major Donor (\$250-\$2,499)
☐ Research Honor Roll Donor - Individual (\$100-\$249)
☐ Research Honor Roll Donor – Corporate (\$150-\$249)
☐ Research General Donor (Less then \$100 Individual/\$150 Corp.)

3) Method of Payment;

- A) Attach Check (Payable to “ASHRAE Research”)
Please note on check “Phila- Chapter 21”

- B) Credit Card

☐ Visa ☐ Master Card ☐ AMEX

Date: _____ Signature: _____

Card #: _____ Exp. Date: _____

Note: All contributions are fully deductible under section 170 of the IRS code.

4) Donor Information:

Name: _____

Member # (If ASHRAE member): _____

Corporation Name (If Corp. Donation): _____

Address: _____

Phone : Home: _____ Business: _____

E-Mail: _____

5) Send this completed form to:

**ASHRAERESEARCH
1791 Tullie Circle, NE
Atlanta, GA 30329**

Philadelphia Regional Future City Competition Underway

Greetings from the Philadelphia Regional Future City Competition! This year's competition is underway with 29 schools already signed up. Registration will run through October 31 - we expect another great turnout this year.

We need your help to keep the competition growing! Volunteers are needed to help out as judges and evaluators at the competition on January 29, but right now our greatest need is for school mentors. Please consider helping us this year.

Here is a list of schools signed up that do not have mentors. For the complete list of registered schools, please visit our website at www.futurecityphilly.org.

E.H. Markle Intermediate School	Hanover, PA
Gateway Christian School	Mertztown, PA
Governor Mifflin Middle School	Shillington, PA
Morrison Elementary School	Trevose, PA
Visitation BVM School (Kensington)	Philadelphia, PA
Widener Memorial Middle School (Fern Rock)	Philadelphia, PA

Is there a school that you'd like to help out? Please let me know which school and I'll get you in touch with the teacher.

Is a school you have worked with in the past not yet signed up? Feel free to contact the school yourself or I'll have Mary Moyer, our Schools Coordinator, contact the teacher for you.

Interested in helping but don't see a school in your area? Let me know what area and I will contact you if a local school needs a mentor.

Are you not able to be a mentor, but would like to volunteer at our competition? Please visit our website (www.futurecityphilly.org) for more information and to sign up on-line.

Thanks in advance for your help.

Jennifer Wetzel
Philadelphia Regional Volunteer Coordinator
 Project Manager
 University of Pennsylvania
 Facilities and Real Estate Services - Design and
 Construction Management
 tel. 215-573-3935
 fax 215-746-6606
jwetzel@pobox.upenn.edu

Design on the Delaware

Regional Professional Education Conference for Design Professionals in the Delaware Valley

**Friday and Saturday
 October 15 and 16, 2004**

8 am to 5:30 pm

The Union League of Philadelphia
 140 South Broad Street, Philadelphia

Earn up to 16 credits in two full days of high quality, never before offered AIA/CES educational programs and tours!

The conference features 32 courses in four concurrent educational tracks; building technology, design, community design, and professional practice. Most courses provide Health, Safety, Welfare (HSW) credits. The program includes a trade show where you can earn AIA/CES credits; keynote addresses by Richard Gluckman, FAIA, of Gluckman Mayner Architects and Steve Badanes of Jersey Devil Design Build; breakfast and lunch; and a Friday evening cocktail party at the AIA Design Exhibit.

It is easy to register for the conference. Just download the conference brochure and registration form (PDF*) from the AIA Philadelphia website (www.aiaphila.org), complete the registration form (including course selections) and send it in with your payment. Engineers, landscape architects, other design professionals, and non-member architects will be sent a letter of attendance for licensing and professional association continuing education requirements after the conference. If you have any questions or would like more information, contact Pat Schwartz at pat@aiaphila.org or call 215-569-3186.

Don't be left "green with envy," purchase your tickets today for. . . .

**"Urban Eden: Gritty, Green and Gorgeous"
The 2004 Beaux Arts Ball
9 pm - 2 am
Saturday, October 30, 2004
The National Constitution Center**

The Beaux Arts Ball has a long tradition of being one of Philadelphia's premiere themed parties, providing only the best in entertainment, food and beverages.

It's the party you do not want to miss!

Purchase tickets online right now at www.beauxartsballphilly.com.

Give into temptation and let your imagination run wild to create an original costume that reflects the gritty, green and gorgeous of Philadelphia's urban Eden landscape. Enter to win prizes for best costume. Gather a group, design a costume, join the parade and vie for the best group costume design to win great prizes. If not in costume, join the fun, embellish your "black tie" formal wear with a hint of

lime, olive, forest, teal, chartreuse, emerald, jade or sea green.

Dance to the hot sounds of The Flaming Caucasians, Little Red Rooster and Barbone Street Jazz Band until 2 am. Graze on gourmet treats, and imbibe on Eden's tempting nectars. Breathe the pure, sweet air of Eden at an oxygen bar and relax in a heavenly hydro massage.

Tickets are just \$75 for general admission
\$250 for an individual salon admission and
on sale now at www.beauxartsballphilly.com and
the AIA Bookstore and Design Center, 117 South 17th Street, Philadelphia.

Proceeds from the Ball benefit the Center for Architecture and its programs: Architecture in Education; The Community Design Collaborative and CHAD, the Charter High School for Architecture and Design.

For information, visit the web site www.beauxartsballphilly.com or call 215-569-3186.



**The Delaware Valley Green Building Council and
the American Institute of Architects' Delaware Chapter**

invite you to a luncheon series

“Hunt For Green October”

October 7, October 14 and October 28

12:00-1:00 pm

Hear three inspiring and detailed talks that will help you gain a broader and greener perspective!
It's free – just bring your own lunch. **(Drink and cookies provided.)**

Location: The Academy; 5 Vandever Avenue;
Brandywine Village; Wilmington, DE

“The Philosophy of Sustainable Design” – October 7, 2004

Presented by **Sandy Wiggins**, builder, Vice President of W.S. Cumby & Sons and Chair of the Board of the Delaware Valley Green Building Council.

“Sustainable Design and High Performance HVAC Systems” – October 14, 2004

Presented by **Rob Diemer**, mechanical engineer, partner at AKF Engineers and member of the Board of the Delaware Valley Green Building Council

“LEED in the Landscape: Beyond the Building Walls” – October 28, 2004

Presented by **José M. Almiñana, RLA**, landscape architect, principal at Andropogon Associates and LEED™-accredited professional.

Continuing Ed. Credits: Each lunch presentation is worth 1 AIA LU.

RSVP by September 30th to AIA Delaware (aiade@dca.net).

Provide name, company, and phone number for each attendee.

See <http://www.dvgbc.org/> for more details.

Questions? Contact Suzanne Stewart (sstewart@dvgbc.org, (302) 622-9550)

Sandy Wiggins is a Vice President of W.S. Cumby & Sons, Inc., a regional construction management firm. He is a founder and current Chair of the Board of the Delaware Valley Green Building Council. He also serves on the boards of the Pennsylvania Resource Council and Earth Force. He is a member of the American Society of Professional Estimators, the Project Management Institute and Sales and Marketing Executives International.

Robert Diemer, PE is a partner in the Philadelphia office of AKF Engineers, LLP, a consulting engineering firm. He serves on the Board of the Delaware Valley Green Building Council and volunteers as Chair for the DVGBC Educational Programs committee. Mr. Diemer has over 23 years of experience in the design of building mechanical systems and has lectured extensively on sustainable design and LEED™. He has a Bachelor of Architectural Engineering degree from Penn State University and is a licensed engineer in New York, New Jersey and Pennsylvania.

José Almiñana, RLA, ASLA is a principal at Andropogon Associates, Ltd., a Philadelphia-based landscape architecture firm. He is a LEED™ Accredited Professional and serves as a visiting lecturer at Drexel University and the University of Pennsylvania. His varied presentation experience includes lectures to the Society for Campus and University Planning, Harvard University Graduate School of Design, and the Mid-Atlantic Sustainability Conference. He received a Master of Landscape Architecture degree from the University of Pennsylvania and is a registered landscape architect in twelve eastern states.

The DVGBC thanks its sustaining sponsors: [Homasote](#), [Liberty Property Trust](#), [7group](#), [Forbo](#), [Hankin Group](#), [Haworth](#), [Mannington](#), [Urban Engineers](#), and [Interface](#).



The Delaware Valley Green Building Council
presents its
Annual Meeting
a Celebration of Green

October 19, 2004, 5:30 - 8:00 pm

Eat, drink, network and be energized, inspired and engaged by the
President, CEO & Founding Chairman of USGBC, Richard Fedrizzi.

Richard has worked with Fortune 500 companies, government and environmental organizations in advancing environmental responsibility through the development of green products and advocating the use in the design and construction industry. As a result of his work, Carrier Corporation received the US Environmental Protection Agency's Stratospheric Ozone Protection Award and the US Department of Energy's National Energy Award for new product development. He has published extensively and been a frequent guest lecturer at numerous colleges, universities and professional organizations, including Harvard's Business School, Cornell University and the International Real Estate Conference in Barcelona.

Richard Fedrizzi's presentation will be followed by a live set performed by one of the hottest groups in town, Full Frontal Folk.

Location: World Café Live (WXPB)
3025 Walnut Street
Philadelphia

Cost: \$20 members, \$25 non-members, \$10 students

RSVP by October 13 at <http://www.acteva.com/go/dvgbc/>.

This DVGBC thanks the following sponsors for their generous support: **AKF Engineers, Banc3, DWKCB Architects, Heery International, Lees Carpet, MaGrann Associates, Meyer Associates, S&S Resource, Sherwin-Williams, and TriState HVAC.**

Upcoming DVGBC Event:

- **"Green Is Better - The Benefits Of Green Buildings"** — Philadelphia's first Green Building Exhibit — Self-Guided Exhibit: *runs Sept. 1 - Oct. 30, 2004 at the EPA*. Special Educational Presentations — **"ENERGY STAR: Designing Top Energy-Performing Buildings"** (October 16, 2004) and **"Government Green Building Day,"** (October 20, 2004).

See <http://www.dvgbc.org/> for more details.

The DVGBC thanks its sustaining sponsors: [Homasote](#), [Liberty Property Trust](#), [7group](#), [Forbo](#), [Hankin Group](#), [Haworth](#), [Mannington](#), [Urban Engineers](#), and [Interface](#).



**The Delaware Valley Green Building Council and
AIA Philadelphia's Committee on the Environment**

invite you to tour two local Green Buildings:

The Natural Lands Trust Headquarters

W.S. Cumby, Inc.'s Offices

October 29, 2004; 9:00 am - 4:00 pm

The Natural Lands Trust Headquarters

The Natural Lands Trust adapted and added to an existing farmhouse, winning a 2004 NESEA Green Building Award with the resulting LEED-registered project. The tour will showcase sustainable features including daylighting with fixture-dimming sensors, natural cross-ventilation with geothermal heat pumps, low-flow water fixtures and waterless urinals, and many locally-produced, salvaged, and recycled materials. Project architect David Ade (Susan Maxman & Partners) and Director of Building Stewardship Scott Wendle (NLT) will discuss lessons learned regarding site selection, materials research, stormwater treatment, and LEED certification. More building info. at <http://www.nesea.org/>. Photo courtesy of Susan Maxman + Partners.

W.S. Cumby Office Building

W.S. Cumby's adaptive reuse of this existing building was the area's first commercial renovation to utilize the LEED rating system for its design parameters. The project employs waterless urinals and porous asphalt stormwater management, enthalpy-type energy recovery and natural ventilation, construction waste management, and daylighting. The tour will include a group discussion led by green design consultant Scott Kelly (ReVision Architecture), project architect George Yu (George Yu Architects), and members of the W.S. Cumby construction management team. The team will present their LEED submission process and display documentation and submittals. Photo courtesy of W.S. Cumby.

Schedule:

9:00	Meet at the AIA Philadelphia Office (17th and Sansom) for bus
9:45 - 12:00	Tour the Natural Lands Trust Building in Media, PA.
12:30 - 1:00	Lunch (provided by W.S. Cumby)
1:00 - 3:15	Tour the W.S. Cumby Building in Springfield, PA
4:00	Arrive back at AIA Philadelphia Office

Cost: \$20 members, \$25 Non-members, \$10 students if pre-registered;
\$25 members, \$30 Non-members, \$15 students after 10/25/2004.

Continuing Ed. Credits: This program is worth 4 AIA/CES (HWS) LUs.
RSVP by October 25th at <http://www.acteva.com/go/dvgbc/>. Space is Limited.

Transportation provided by **Lower Merion School District** on a clean natural gas powered bus.
The DVGBC thanks W.S. Cumby for their sponsorship of this event.

The DVGBC thanks its sustaining sponsors: [Homasote](#), [Liberty Property Trust](#), [7group](#), [Forbo](#), [Hankin Group](#), [Haworth](#), [Mannington](#), [Urban Engineers](#), and [Interface](#).

Member Services

Members who would like stay on top of the latest news from ASHRAE may join the News Release List Serve at <http://www.ashrae.org/template/AboutLinkLanding/category/1584>.

If you or your company are hiring, please take a moment to review the resumé of chapter members and students which have been posted on the chapter website at www.ashrae-phila.org/resumes.html.

Any member who wishes to have their resumé posted on our website, or who would like to update it, can email our webmaster, Seth Weiss, at sweiss@comcast.net. The file must be in pdf format and will be posted for 3 months.

For Video Resume And Job Opportunities, visit online portal: www.LookFirst.net

Construction Management Association of America (CMAA)
Mid Atlantic Chapter
Welcomes
All ASHRAE Philadelphia Chapter Members
To The CMAA Meeting
Every Second Tuesday of Every Month.
Meeting Schedule Posted at:
www.cmaanet.org/mac/

Check the Calendar at

www.gpbpa.org

for further information
on events for
DVGBC, ASPE, SMCA,
and other organizations!

ASHRAE Research Fund Drive Status

I would like to thank the following committee members for their help in contacting our members to raise funds for the ASHRAE Research Program.

Ken Strup	Steve Piccolo
John Pardekooper	Reynold Pratt
Bernie Carroll	Dave Reid
Bob Carpenter	Andy Opella
Ernie Menold	Steve Solotist
John Sharpe	

I have included a Donor Form in this Climate on page 9 and ask that each of you copy this and post it in your break area, as well as distribute it to your associates and friends.

Thank you for your help.

Jay Halsey
Chairman, ASHRAE Research
Philadelphia Chapter

The *Quaker City Climate*
is published eight times annually by

The Philadelphia Chapter of the
American Society of Heating, Refrigerating
and Air Conditioning Engineers, Inc.
994 Old Eagle School Road, Suite 1019
Wayne, PA 19087-1866
610.971.2169
fax 610.971.4859
ashrae-phila.org

Republication of material contained herein
is expressly forbidden without official Chapter authorization.
The Chapter does not speak or act for the Society.
Any member with material to submit for inclusion
in the *Climate* can send the information to:

Reynold Pratt
Equipment Management Enterprise
23 A Riverhill
New Hope, PA 18938
or email: rpratt@comcast.net
or call: 215-862-5304
or fax: 215-862-5304

Material can include letters to the editor,
member news, upcoming events,
comments on chapter programs or issues, etc.
This is your newsletter.
We welcome your input and comments.