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Meeting Location:
The Learning Center
Lichterman Nature Center
5992 Quince (between Lynnfield and Ridgeway, east of I-240)

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2022 MEMPHIS ASHRAE CALENDAR AND ANNOUNCEMENTS

Chapter Meetings
Tuesday, February 8th
Tuesday, March 8th
Tuesday, April 12th
Tuesday, May 10th
Sponsor the Memphis Chapter of ASHRAE!

Memphis ASHRAE has a great way to for members to support our ASHRAE chapter and promote their business.

We are offering 2 tiers of support:

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**TOP SPONSORS:**
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Contact Alan Watts (alan@pathcompany.com) to support your chapter today!

*All donations will go to the RP campaign and are TAX DEDUCTIBLE
*Sponsorship slides will be run before and after the speaker at every chapter meeting AND included in monthly newsletters for the entire year.
*RP chair will confirm final slide layout before presentation
TOP SPONSOR

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Contact:
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The Memphis Chapter of ASHRAE thanks you for your support!
- Ewing Kessler is a manufacturers’ rep firm specializing in engineered solutions for optimal energy-efficient HVAC design and also building automation systems.
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The Memphis Chapter of ASHRAE thanks you for your support!
**Chapter Meeting Topic:** New Codes and Code Enforcement Q & A

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**Presented by: Arthur Hammontree**

Arthur Hammontree is the Chief Mechanical and Gas Inspector for Memphis and Shelby County. He lives in Millington, TN with his wife Michelle and four sons.

Arthur is a graduate of Munford High School. After high school, he went to work in 1986 for Caldwell Heating and Air as a Sheet Metal Apprentice. He would continue working in the HVAC Industry in one capacity or another (ductwork, pipefitting, shopwork, plumbing or service) until 2004.

On January 2\textsuperscript{nd}, 2004, Arthur joined the Plans Department of the Memphis and Shelby County Code Enforcement under Ted Illsley as Mechanical Plans Examiner. In 2015, he transferred to the Building Department as a Building Inspector and a few years later, in 2018, would transfer back to the Plans Department as Senior Plans Examiner.

Arthur was promoted to Chief Mechanical and Gas Inspector in 2019. He holds 7 ICC Certifications and 2 State of Tennessee Certifications.
Memphis ASHRAE Chapter
January 2022 Meeting

MEETING DATE: Tuesday, January 11, at 11:30 AM

MEETING LOCATION: The Learning Center
Lichterman Nature Center
5992 Quince (between Lynnfield and Ridgeway, east of I-240).

FOOD (Catered by One & Only BBQ):
- Chopped Pork
- Chopped Chicken
- BBQ Beans
- Coleslaw
- Buns
- Mild and Spicy BBQ Sauces
- Banana Puddings

Our speaker this month will be Arthur Hammontree, the Memphis/Shelby County Chief Mechanical and Gas Inspector of Code Enforcement.

He will be talking with us and answering some of the questions we provided to him a week earlier.

We need a head count so we will know how much food to buy.

Patrick Silva will send out a DOODLEPOLL later today (to close Monday at 8 a.m.), asking about your attendance.

PLEASE RESPOND
Did Ya Know?

We all occasionally come across something new or strange in our work:

- A regulatory or code enforcement challenge
- An unexpected difficulty
- A problem you haven’t encountered before

I want to offer this column to Chapter members. Send me your ideas/issues for future columns.

YOU DON’T WANT YOUR EQUIPMENT BLOWIN IN THE WIND (OR GONE WITH THE WIND)

All the editions of the International Building Code refer to a separate document for structural design -- ASCE Standard 7, Minimum Design Loads for Buildings and Other Structures. In addition to gravity design loads, this Standard also deals with design requirements for restraint due to wind and seismic loads.

This Standard requires the building and its components to withstand forces imparted by 1-second wind speeds in excess of 100 MPH (the requirement in Memphis is 115 MPH).

In our area, depending on a roof-mounted unit’s configuration, the greater force could be seismic rather than wind loads. In non-seismic areas, wind loads must be considered.

We all remember the recent storms that hit 5 states and killed over 100 people.

There were also tremendous property losses.

A few days after the storm, Memphis engineers traveled to Nashville and Bowling Green, KY to evaluate the aftermath of the damage.

Some of the damage could have been avoided.

The next 2 pages show photos of large rooftop units that were blown off the curbs onto the roof.
The units were destroyed.

How could it have been avoided?

It appears that all roof curb manufacturers offer “seismic/wind clips” to be used to attach a roof-mounted unit to the curb (to comply with ASCE-7 ....and therefore the IBC).

Roof curbs should be connected to the structure (to comply with ASCE-7 ....and therefore the IBC).

P.S.

This month’s article was authored by Mike Bilderbeck.

If you would like to send in a “Did Ya Know?” article to be published in next month’s newsletter, please email me your draft’s at least TWO WEEKS before the next chapter meeting.

You and I will go over your draft prior to publishing it.

-Patrick Silva, EI
psilva@pickeringfirm.com