



Metro Codes

E—News For Professionals

Metropolitan Government of Nashville and Davidson County



Photo courtesy Gary Layda

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Christmas music was provided by the group "Little Kids Rock," from Mountain View Elementary School at the lighting of the City's Christmas Tree.

In warm appreciation of our association,
this year the Department of Codes & Building Safety
wishes to extend our very best wishes
for a happy holiday season
and a very prosperous New Year

Eight Days of Hope Project

Eight Days of Hope, Inc., with the help of Southeast Nashville Recovery Center and many area churches, organized over 1,100 volunteers to converge in Nashville for a week of flood rebuilding projects November 20th through November 27th.

In preparation for this rebuilding effort, Southeast Nashville Recovery (SNR), with support from Mayor Karl Dean's office, Restore the Dream Centers, Metro Codes Department, World Vision, the Community Foundation, and the Davidson County Long Term Recovery Committee, worked to identify flood damaged homes throughout Davidson County. The help and care given during the Thanksgiving week was tremendous. During this time, 32 homes were completely restored over 308 projects were completed, 120 homes and families were visited and helped in some way and over \$1,150,000.00 of labor was donated by the volunteers. Volunteers from 40 states and 2 countries came to Nashville with their skills to provide the extra needed help to flood



The volunteers attend a service at Christ Church, which served as the command center and host church for the event. Over 1,000 volunteers ate and slept at the church from November 20th through November 27th.

volunteer spirit we experienced during the week with Eight Days of Hope was inspirational. It was an experience we will long remember."

Eight Days of Hope President and Co-Founder Steve Tybor, III states, "Nashville is a unique city in the Southeast. It is open to tourists from all over the world that appreciate the city as a funnel for music on so many fronts. Eight Days of

Hope is excited to have reached the residents of Nashville that were in dire need of rebuilding their homes and their lives in order to allow their families and friends to join them this holiday season."

Eight Days of Hope, Inc. is a non-profit, faith-based organization committed to rebuilding the damaged homes of those affected by natural disasters. Since 2005, more than 6,000 volunteers have helped to rebuild 954 homes. For more information on "Eight Days of Hope" visit their website at www.eightdaysofhope.com

Codes inspectors made inspections of the 120 properties throughout the 4-day Thanksgiving Holiday weekend.



Volunteers work on one of 120 homes as part of the Eight Days of Hope project in Nashville.

families. A special thanks goes to the Community Foundation for donating \$200,000.00 to purchase the building supplies.

"This was a tremendous opportunity for our city, and we're extremely grateful for the assistance that the Eight Days of Hope organization offered to Nashville flood survivors." said Linda Hilliard,

co-chair of SNR. Co-chair Henry Williams adds, "The strong

Codes Hosts Annual Christmas Luncheon



Director Terry Cobb with Mayor Karl Dean at this year's Christmas Luncheon.

Terry Cobb, director of the Department of Codes & Building Safety and Mayor Karl Dean welcomed guests to the annual Codes Christmas luncheon. The luncheon has become a much anticipated event within Metro.

Attendees to the event are our employees, some representatives from other Metro departments and a few of our retired employees. It's a

great opportunity to visit with former Codes employees and their families.

The luncheon features home cooked vegetables and deserts.

"It's an opportunity for us to come together as a family and celebrate the friendships we've made and the blessings we've received," Cobb said. He added, "Nashville has gone through a lot this year and we all have plenty to be thankful for."



Terry Cobb shares a light moment with Zoning Administrator Lon "Sonny" West, who has the distinction of being the longest serving active employee in Metro government.

Metro Holiday Schedule

REMINDER

The Metropolitan Government will be closed for regular business in observance of the Christmas and New Years holidays. All Metro offices, including the Department of Codes & Building Safety, will be closed on December 24th, December 27th and December 31st.

Contractors Enjoy Convenience of E-PERMITS

New system gives contractors 24/7 access

The Department of Codes & Building Safety introduced “E-Permits” as an expansion of our services which are available on-line. With this enhancement, the department is open via the internet to transact routine business 24/7. Registered users of the E-Permit system may:

- make inspection requests,
- schedule inspections
- check the status of inspections
- pay reinspection fees online with a credit card
- apply for ‘trade permits’ (plumbing, electrical and mechanical permits), as well as some building permits
- pay permit fees, and
- self-issue permits to themselves.

Contractors can get registered and obtain a User name and password by emailing:

KivaCitizenLogin@nashville.gov or calling our Customer Service

Supervisor, Carla Langley-Smith, at 615 862-6248 with your company name, full address, phone number, fax number, and e-mail address.

Note: Contractors who are currently registered and using the KIVA Net system for scheduling inspections have already been preregistered to use this latest internet enhancement by using their current KIVA Net user name and password.

Since January 1st of this year thru November 30, 2010 there have been 37,407 total permits issued, this includes Building, Mechanical, Electrical, and Plumbing permits. Of the 37,407 permits issued 39% or 14,591 permits were issued on-line eliminating the need for our customers to make a trip to our office to be issued permits. The breakdown of the permit types is as follows:

Permit Type	Total	On-Line	
Building Permits	10,722	1,181	(11.10 %)
Mechanical Permits	7,912	4,524	(57.00 %)
Electrical Permits	14,542	6309	(43.24 %)
Plumbing Permits	4,231	2,577	(60.00 %)
Totals	37,407	14,591	(39.01%)

AIA: Why Teaming up with ICC on IGCC Makes Sense

By Felicia Oliver, Editor, Building Safety Journal Online

Don Brown, AIA, is a member of AIA’s Board of Directors, as well as a member of its Board Advocacy Committee -- the board committee that includes AIA’s Codes and Standards work. The AIA is one of the Cooperating Sponsors with the Code Council on the development of the International Green Construction Code (IGCC). ASTM International also is a Cooperating Sponsor; the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), the U.S. Green Building Council (USGBC) and the Illuminating Engineering Society (IES) joined the ICC/AIA/ASTM team in developing the IGCC.



Pictured from left to right: ICC COO Dominick Sims, ICC Board Member and SBTC Chair Ravi Shah, AIA Board of Director’s member Don Brown, ICC Board President Jimmy Brothers, and ICC CEO Rick Weiland.

Brown says the development of a green model code was very important to AIA membership.

“It is important for us to have a single model code,” Brown said. “ICC and its derivatives are that code. We all benefit if we have one set of metrics, one set of standards to measure... so that as we practice across the country, we do so consistently on the same level of expectations. It helps our members, it helps code

officials, and it helps the public to have one model code.” Brown says it just makes sense that architects play an instrumental role in the development of a green code.

“Architects ‘drive the race car,’” he says. “Architects are the ones that assemble buildings. We ought to take a role in planning attributes that are achievable, that make good sense for safety and welfare. That is a thesis statement for codes in general.

Brown attended every meeting of the Code Council’s Sustainable Building Technology Committee (SBTC). The SBTC assembled Work Groups, with members who have expertise on select topics relevant to the development of specific IGCC content. These groups were chaired by a member of the SBTC and comprised of both SBTC members and interested parties. But ultimately, members of the SBTC hammered out the basics of Public Version 1.0 of the IGCC.

“It was five weeks, day and night, of somebody talking about some minutia of some metric,” Brown explained. “Everybody with a dog in the fight, everybody with an interest in some component, was part of that discussion. But none of them dealt comprehensively with all the design professionals, all the challenges, all the priorities, dollars, systems and measurements that an architect does. So it was critical and appropriate for those of us who drive the race car to help design it.”

“I don’t know how to define a standard for an achievable light level,” Brown added, “but Jack Bailey, one of the SBTC members, a lighting consultant from New York, a brilliant guy -- no

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pun intended --he knows," emphasizing the importance of having the experts in particular areas involved in the IGCC development process.

Similarly, the architects in attendance at the meetings were able to share the consequences of some attributes meeting participants suggested for the code.

"We were able to make adjustments in some of the metrics and in some of the requirements that make much more sense from our view that from someone who only knows about that one attribute," Brown explained. "If some folks had their way, all buildings would be cubes, because that's the most efficient ratio from inside space to an exterior wall."

At the end of the day, Brown and the AIA believe that the IGCC is adoptable, usable and enforceable. It has standards that are achievable and practical, versus goals that are more aspirational. "Those of us in leadership want a code that jurisdictions can adopt," Brown said. "The unique thing about this code...is it's a baseline characteristic. [It's easy for] jurisdictions to adopt the formal code with additional attributes that the community feels are important. I'm absolutely satisfied that the structure of this code is the right way to proceed."

Though AIA membership supports the IGCC, there is still work to do in educating its membership on the particulars of the code. Not everyone is at the same level of familiarity.

"Level one is just awareness that there is a code, people don't know much about," Brown says. "There's the next step of being intimately familiar with the contents of the codes and its attributes, but you haven't used them yet. The third level is a working knowledge...which means [someone] has actually [used it], has driven the car around the block. And at the fourth level are those experts that are teaching others."

"I've given a series of lectures on the green code, both publicly and with AIA," added Brown. "Right now we are still getting people from level one to level two. Our commitment at AIA is to continue to work on that level one awareness, (at) level two, give them familiarity, and then in specialized courses, different meet-

ings over time, give people specialized knowledge about its contents, and people in our profession develop fluency as they have with a number of other processes."

The AIA, like so many other organizations, has budget concerns because of the economy, and as a result, there are certain ventures and initiatives that they put on hold. But when it comes to the IGCC, AIA is in ramp up mode.

"This lovely venture called the SBTC occurred, and we have an astoundingly fervent cadre of architects across the country who are involved, incentivized, and knowledgeable," Brown said. "Along with additional staff that have been assigned advocating for green code, our intent is to ramp up our [efforts] on this issue --not just level out and leave it to others."

"I think what ICC wants from AIA is a commitment to advocate on behalf of this code as much as the ICC," Brown said. "At the end of the day I want to say, 'Look, we're in this together. Tell us what you need us to do and I'll take that message back to the home front.'"

Don C. Brown, AIA

Don Brown is a principal and owner of Brown Chambless Architects, a Montgomery, Alabama based firm. He has been a principal and owner of an architecture firm since 1977 and holds architectural licenses in a dozen southeastern states. Don received his professional degree in architecture from Auburn University in 1971 after undergraduate education in art history from Williams College.

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Department Hires New Plumbing Inspector



Director Terry Cobb announced effective Monday, November 15th, Norman Faircloth has joined the Codes Department and is assigned to the Plumbing Inspection Division.

Norman Faircloth grew up in the plumbing business, as a third generation plumber, working every summer while he was in high school.

He started work with Faircloth plumbing full time in 1985. In 2000 through 2010, he operated his own plumbing business, Middle Tennessee Plumbing Contractors. He has experience in all phases of the plumbing trade, to include commercial, medical,

mechanical (pumping systems) and residential plumbing installations and repair.

He is certified in the STEP system, back-flows, and currently holds a State plumbing license (retired status).

Norman has also worked on plumbing systems on boats participating in the Gulf oil spill recovery efforts. Now that he has joined Metro Government, he expects to be able to spend more time with his family.

He and his wife Rita have two children, ages 9 and 16. Norman enjoys spending his free time with his family.

U.S. DEPARTMENT OF
ENERGYEnergy Efficiency &
Renewable Energy**BUILDING TECHNOLOGIES PROGRAM**

Top Ten Reasons for Building Energy Codes

Today's energy, economic, and environmental challenges—combined with the fact that buildings consume nearly 40% of the nation's energy—make energy codes a central part of a sustainable future. Here are ten key reasons why:

10. Energy codes establish a common foundation for evaluating, regulating, and incentivizing building performance, technologies, design, and construction.
9. Energy codes support more widespread decisions and actions that lead to efficient buildings.
8. Energy codes help drive the development and deployment of new building technologies and design strategies.
7. Energy codes provide a cost-effective step toward mitigating problems associated with growing demand for energy and power resources.
6. Energy codes can lock in the use of energy efficient technologies that have been proven through incentive programs, freeing up resources to focus on additional technologies.
5. Energy codes provide a common basis upon which to educate the building design and construction community in energy efficiency.
4. Energy codes safeguard owners and tenants from long-term financial burdens that can result from short-term design and construction decisions.
3. Energy codes continue to progress in terms of stringency, scope, and enforcement emphasis—all of which provide new jobs or opportunities to enhance the skills of the current workforce.
2. Energy codes help protect the natural environment from unnecessary emissions.
1. Energy codes reduce the vast amount of energy that is needlessly consumed each year to heat, cool, light, ventilate, and provide hot water for newly constructed residential and commercial buildings that lack adequate energy efficiency features.



Energy codes lead to energy savings—which bring about multiple benefits for individuals, the nation, and the planet.



Building Energy Codes

Building Energy Codes Website:

www.energycodes.gov

Tech Support:

www.energycodes.gov/help

EERE Information Center

1-877-EEERE-INF (1-877-337-3463)

eere.energy.gov/informationcenter

PNNL-SA-72994

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Renewable Energy

On-Line License Renewals

Earlier this year, the Department of Codes & Building Safety announced the development of an "Online License Renewal System". We're please with the results and have recently implemented a few improvements that make it even easier for our trade contractors to renew their licenses using the internet.

Here's what some of our customers have been saying

"I renew all the licenses here and found that the on-line system worked great. It was simple and quick and I didn't have to remember to send a check."

Nicole Grisham
Sadler Bros. Plumbing, Inc.

"The license renewal went very easy and quick, thanks for adding it to your online menu. I will definitely be using it again next year."

Matt Clark
Clark's Plumbing

"I liked it! Very easy took only about five minutes. I'll use it again next year."

Jimmy Morton
Morton Plumbing Company

"Simple and quick. Thanks!"

David Chilton
Myers Plumbing Inc.



As part of Nashville's flood recovery process, the Mayor's Office of flood Recovery sought public input to review and vote on twenty-five (25) projects being presented as a result of a four-month effort to create the Long Term Recovery Plan for Nashville and Davidson County following the May flood.

The Long Term Recovery Plan is a transparent, community-wide process initiated by the Mayor's Flood Recovery Team. The purpose has been to identify lessons learned from the May flood and prioritize projects and activities to help the city recover with stronger neighborhoods, a more disaster-resistant infrastructure, more secure housing, a more resilient economy and a more sustainable future.

Since September, citizens throughout Davidson County have provided hundreds of recommendations for potential projects that will determine Nashville's future for the next five, 10 and 15 years. The recommendations were consolidated and 25 projects were formulated.

When final, the Recovery Plan will be implemented by the Metropolitan Government of Nashville and Davidson County in coordination with other government, nongovernment, civic, business and community partners.

Visit www.nashvillerecovery.com for more information about Nashville's ongoing flood recovery efforts.



The latest fact of the week taken from the Music city Center Update:

- Beginning December 7th, 28 bulb tees will be delivered and installed throughout the week. Bulb tees are preformed and pre-stressed concrete pieces used to span the junior ballroom, eliminating the need for columns.
- Each bulb tee weighs about 52 tons. The dimensions are seven feet tall and 100 feet long.
- The photo on the right is US-made steel prepared for our job, already loaded on trailers, (Lenex Steel job #490) and ready for shipping to the site. The trailers cover several acres at the factory.

Music City Center Update



Department of Codes & Building Safety

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615-862-6590 / Fax 862-6593

Mayor—Karl F. Dean

Director—Terrence Cobb

Office Hours: Mon-Fri /
7:30-4:00



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PASS IT ON!

Pass the word about our newsletter! We would be honored if you would share our newsletter with your colleagues and co-workers. If anyone would like to sign up to receive it themselves, they just need to send us their email, and we will be happy to "Pass it On" to them.

Terry Cobb and **Wade Hill** welcome your feedback on our e-newsletter. Please send your comments to [Wade Hill](mailto:wade.hill@nashville.gov), at wade.hill@nashville.gov
Plans Examination Chief , 862-6520

METRO TO OFFER CHRISTMAS TREE DROP-OFF PROGRAM

Metro officials again encourage everyone to recycle their live Christmas trees following the holiday season.

Davidson County residents can leave their trees at one of 10 Metro sites and Public Works will collect them for mulching at the city's Bordeaux Mulch Facility.

All trees must be free of lights, ornaments, icicles, all tinsel and garland. No flocked trees will be accepted.

WHO: Metro Parks & Recreation and Metro Public Works departments
WHAT: Christmas Tree Drop-off Program
WHEN: December 28, 2010 to February 11, 2011
WHERE: Any one of the following Metro Parks:

Cane Ridge, Cedar Hill, Edwin Warner, Elmington, Joelton, Richland, Sevier, Two Rivers and Whitfield; or
Una Recreation Center, 136 Una Recreation Road

Recycling Christmas trees into mulch, rather than dumping them in the trash, in an alley or along public roadways, keeps them out of landfills and helps save Metro the cost of disposal fees. Approximately 12,000 Christmas trees are recycled each year through the drop-off program.

Natural brown mulch, made from Christmas trees and yard brush, is sold at the Bordeaux facility for eleven dollars a cubic yard. The facility is open Monday-Saturday from 7 a.m. until 4 p.m. For more information, call 862-8640.