

Tech Talk Newsletter

FALL 2017

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FROM THE PRESIDENT'S DESK

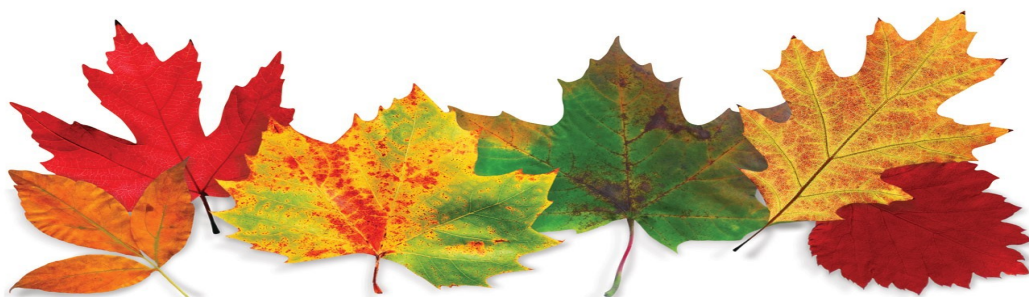
Happy Fall and hello cooler weather. We are entering my favorite season of the year. I hope you all get an opportunity to see the Fall colors our state has to offer.

I recently attended the ICC Annual Business Meeting, banquets, expo and events. Before the conference started, I was lucky enough to attend the WICED and PermiTechNation Habitat project. These groups generally do a build wherever the conference is held, however, with timing this year we spent time in a Habitat Re-Store. With only 2 full time employees in the store they rely heavily on volunteers. With a group of 10, we were able to complete in 4 hours what would've taken them 2-3 months. It was a highly successful mission and left all of us with full hearts. This is only where my journey began, I am honored to have been the CAPT representative giving me the opportunity to network with code professionals across the country from all skill levels. It is very exciting to see the job title and Permit Technician position gain popularity and a voice in the Code world.

I look forward to sharing more of my trip and seeing all of you at our Annual Business Meeting in November here in Westminster. I'd like you all to think of who "INSPIRES" you professionally and personally and come prepared to share..... if you'd like.

"Success isn't just about what you accomplish in your life, it's about what you inspire others to do". Unknown

Jessie Sorensen





November CAPT Meeting

**Don't forget to
RSVP**

**Darla Brooks, CAPT
Program Chair,
720-874-6609 or
dbrooks@arapahoegov.com**

Registration Fee: \$35.00
Cash or Check Payable to
CAPT at the door
(Registration Fee Includes
Breakfast, Breaks, Lunch,
Instructional Materials and
is Non-refundable)

Wednesday, November 15th

**Hosted by:
City of Westminster
4800 W 92nd Avenue
Westminster, CO**

**Multi-purpose room located
in the basement of City Hall**

AGENDA

Glenn Mathewson Presents:
Construction Terminology

Listening to seasoned construction professionals talk about a job can often sound like a different language. "Header off those trimmers so the flange can be installed without damaging the top chord" Or maybe it can sound derogatory. "Turn those studs into cripples for the knee wall?" Or maybe it's all told in trademarks, "Do I need to use Visqueen® or Thermoply® as an air barrier or does the Housewrap and the Ice and Water Shield® work for that? Learn some common phrases, terms, jargon and IRC definitions used in common residential construction in areas such as foundations, framing, plumbing, mechanical, electrical and other trades. This fun class takes the best of the worst of the most misunderstood terms in residential construction and attempts to make sense of them! Now go pookie the boots!



This year at the annual meeting in place of a food drive, we would like to collect items to go in baggies for the homeless. Ideas would be gloves, socks, knit hats, sample size shampoo, lotion, toothpaste, snacks such as crackers, pretzels, granola bars and cookies.

If a member is interested in participating in distribution, please contact a board member.

Check the last page of this newsletter for additional information.

TALK OF THE TRADE



Congratulations to one of our own!!

Relentless, innovative, dedicated, and passionate: **Shaunna Mozingo** of Colorado Code Consulting exemplifies our industry's hard work on energy codes and energy efficiency in the built environment. We could easily fill all 1,000 words of her nomination with nothing but glowing adjectives of Shaunna and the wide-reaching impacts from her work. The Colorado Energy Code Compliance Collaborative is honored to nominate her for the Jeffrey A. Johnson Award for Excellence in the Advancement of Energy Codes, just as we are honored to have her leadership and dedication in our everyday work.

Known, admired, and respected by most every building official in the southwest, her impact is widespread and indisputable. She has traversed every corner of Colorado and the surrounding states, meeting with many hundreds of building officials and staff, learning their concerns and challenges and offering them unique and tailored ideas and solutions to boost energy code compliance and support local adoptions. She uses the results of these meetings and relationships and her deep knowledge of the energy code (seriously, she knows

every word of every edition) to develop resources, design tools, conduct analyses, hold trainings and workshops, and cultivate new ideas that are then adapted across the country—while continually evolving her work and strategies to meet current needs.

Not afraid to ask the questions, not afraid to bring up hard topics, not afraid to tackle issues head-on with new approaches that haven't been tried elsewhere, never intimidated by complex or entrenched positions, and always seeking out people on all sides of an issue, Shaunna has single-handedly moved the needle on energy code advancement on all fronts—compliance, adoption, and development. She ceaselessly provides training resources to building officials, builders, architects, engineering firms, and efficiency professionals to boost compliance rates and “buy-in;” she is regularly invited by local jurisdictions to facilitate and advise local code adoption processes; and she is active in code development hearings including bringing multi-perspective stakeholders together to discuss and agree on proposals.

We cannot possibly list all of Shaunna's accomplishments, impacts, or projects, so we'll highlight a few recent ones that exemplify her vision, knowledge, and innovation.

One recent project she spearheaded was designing and developing a commercial compliance study for Colorado, the first of its kind in the nation. It quickly expanded to include not just an evaluation of current commercial compliance but a living guide and multi-year strategy for boosting compliance in the code elements that have the biggest impact on energy savings.

After effortlessly rounding up 44 commercial buildings across multiple market sectors and jurisdictions and evaluating their compliance (using an “energy left on the table” approach), Shaunna's study evaluated the top 10 energy uses by market sector, mapped those elements to code provisions, developed plan reviewer and inspector checklists for addressing those items, and used the findings to inform future trainings and outreach.



She is undertaking local jurisdiction “compliance snapshots,” working one-on-one with building departments to walk through their processes and procedures, advise on their challenges, and recommend areas that could be improved, simplified, or made more efficient.

Shaunna was chosen by the State of Colorado to lead the state’s energy code education, in-person trainings, local adoption technical support, architect and engineering firm outreach, and more. She was also chosen by Xcel Energy (Colorado’s largest utility) to lead its energy code outreach work including one-on-one jurisdiction compliance advising, educational materials to the building industry, and even energy code training for university students studying architecture, engineering, or sustainability.

Well-known even beyond her home state’s 333 jurisdictions, she has current projects in various other western states as well as a contract with the national ICC to lead trainings across the nation.

Shaunna runs the Wednesday Webinar Series, a weekly in-depth exploration of energy code topics such as compliance paths, thermal envelopes, lighting and controls, multifamily, plan review/inspection best practices, and many, many more. The webinars are attended by hundreds of plans examiners, inspectors, building professionals, and students from

across the country—many of whom participate week-after-week.

Shaunna has a personal goal of making the code more clear and easily-understandable so that it garners increased compliance, easier adoptions, and more champions. Many of her code proposals are aimed at code simplification and usability. She is always looking for ways for the code to become more effective.

Building departments are now more willing to adopt newer and more stringent codes knowing that they can rely upon Shaunna for technical questions and perspectives. In 2016, Shaunna finished a multi-month-long process of facilitating Denver’s adoption of the 2015 IECC and now is helping several mountain towns, suburban communities, and rural areas. In doing so, her enthusiasm and commitment spreads to the building department staffs and building code committees.

She excels at making connections. For instance, if a particular jurisdiction is on the fence about adoption, she’ll make connections with neighboring jurisdictions that can explain the benefits peer-to-peer, she’ll demonstrate that because of “spillover” many of the jurisdictions’ buildings are already built to the higher standards, and she’ll look for supportive industry professionals to be messengers.

Shaunna integrates collaboration into every task and goal. In advance of code hearings, for example, she’ll convene groups of stakeholders from all perspectives to discuss, deliberate, vet, and improve potential code proposals and approaches. “The more people are engaged in the process—even if they come from different sides or end up on the other side of the table—the more vested they will be in helping the energy code succeed,” she explained.

For how much she accomplishes, we secretly suspect she might have a clone or two. Shaunna Mazingo lives and breathes energy codes and we are all fortunate that she dedicates her talents, time, energy, commitment, knowledge, and passion to them. She is highly deserving of the Jeffrey A. Johnson award.



Meeting Highlights

A huge thank you to Janice, Cindy and the City of Black Hawk for a fabulous meeting location. The weather, views and hospitality were spectacular.

CAPT President, Jessica Sorensen started the day off with the business meeting. CCICC President and CAPT liaison, Mark Gurule, was in attendance to give an update on ICC and CCICC business.

Steve Thomas, Colorado Code Consulting LLC, presented: "Plan Review with a Twist" - this training session was fun, informative and covered many aspects of extreme building plan review. Occupancy, egress, challenges, high rise buildings, type of construction, atriums, automatic sprinklers, fire alarm systems and many other aspects. With a captivated audience the day flew by and we all left with a head full of knowledge. Thank you Steve.



"It is better to fail in originality than to succeed in imitation."
— Herman Melville



2017 ICC ABM



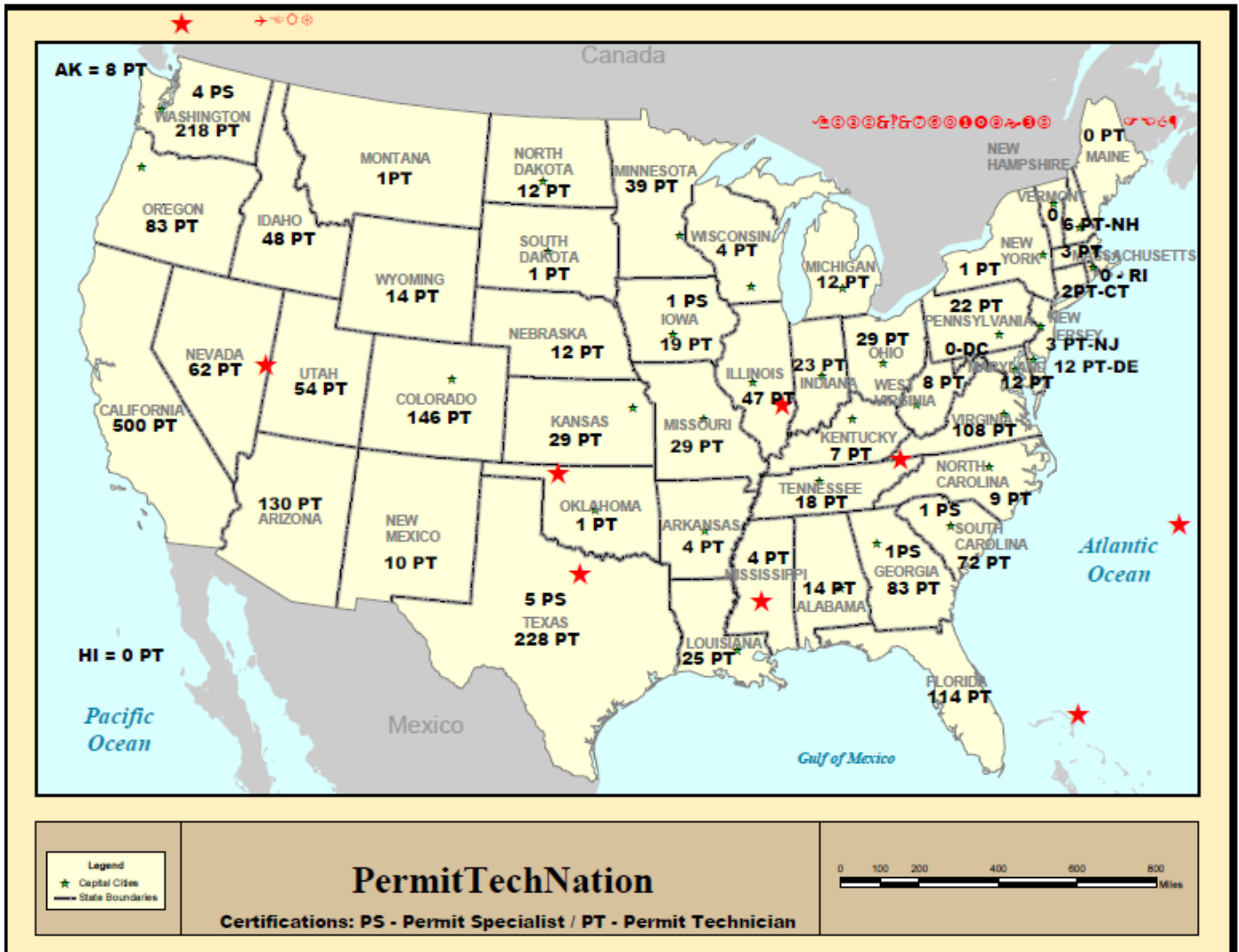
Honorary CAPT Member, Becky Baker was presented the prestigious "Gerald H Jones Code Official of the Year Award" at the ICC Annual Conference held in Columbus, Ohio in September.

ICC has 377 Chapters with 63,200 members. Of those members 3,862 are Chief Building Officials. Quite an honor for Becky who has been the Building Official for Jefferson County, Colorado for 21 years.



Greg Wheeler, City of Thornton was elected Secretary/Treasurer during the 2017 ICC Annual Business Meeting. Congratulations Greg!

Certified Permit Technicians and Permit Specialists per State—a career that can go anywhere!!



Just for Fun !!



Is Fido too fluffy or fat?

Many people's four-legged friends may be carrying around extra pounds. According to a survey by the Association for Pet Obesity Prevention, an estimated 59 percent of cats and 54 percent of dogs in the U.S. are overweight.

The diseases in overweight pets are similar to those seen in overweight people, including type 2 diabetes, osteoarthritis, high blood pressure, heart disease, respiratory disease and kidney disease.

In pets, 20 percent above ideal body weight is considered obese. However, ideal weight varies depending on the animal's breed, age, body type and metabolism. The real expert on your animal's ideal weight is your veterinarian.

Here are some questions to ask at your pet's next checkup:

- What are some specific signs that my pet is gaining weight?
- What is a good normal weight for my pet?
- How many times a day should I feed my pet?
- What type of food do you recommend, and how much is a serving?
- Does my pet have a health condition, such as arthritis, that makes it advisable to keep weight on the low side?

Sources: Association for Pet Obesity Prevention; U.S. Food and Drug Administration

HEALTHY TIP

WEIGHT TRAINING RULE OF THUMB

If you cannot lift a weight six times in a row, the weight you are lifting is too heavy. If you can easily lift a weight 15 times in a row, your weight is too light.

Source: HopeHealth

Orange Dream Creamsicle

Ingredients

- 1 navel orange, peeled
- ¼ c fat-free half-and-half or fat-free yogurt
- 2 Tbsp frozen orange juice concentrate
- ¼ tsp vanilla extract
- 4 ice cubes

Servings: 1

Directions

COMBINE the orange, half-and-half or yogurt, orange juice concentrate, vanilla, and ice cubes. Process until smooth.

Nutritional Information (per serving)	
Total Calories	160
Total Fat	1 g
Saturated Fat	.5 g
Protein	3 g
Sodium	60 mg

Source: Prevention.com

What's Happening

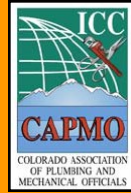


Colorado Chapter of the International Code Council

Next Meeting

December 14 & 15, 2017
Colorado Springs CO

Visit: www.coloradochaptericc.org for
meeting agenda, map and information.



Colorado Association of Plumbing and Mechanical Officials

Next meeting

November 16, 2017
Jefferson County

Sam Dardano, President
samdardanojr@msn.com
303-912-7008



Fire Marshal's Association of Colorado

Bruce Kral / President

www.fmac-co.org



ICC CONTACTS

1-888-ICC-SAFE (422-7233)

Web address: www.iccsafe.org

International Code Campus:
www.icccampus.org



The International Code Council's award winning electronic newsletter, distributed monthly, keeps members and interested parties up to date with International Code Council programs and relevant industry activities. Read the current issue at www.iccsafe.org/news



PermitTechNation

www.permittechnation.org

PermitTechNation was founded by Permit Technicians from across the United States via networking through ICC and the Annual Conferences.

CAPT is a member of PTN

CAPT is a member of

COMMUNITY INVOLVEMENT

Bring gloves, socks, knit hats, sample size shampoos, lotion, toothpaste or food items such as granola bars, snack size bags of pretzels, crackers, cookies, etc. to the November CAPT meeting for the homeless distribution project and receive a \$10 gift card.

