

February 2003
Newsletter

Colorado Chapter ICC

On the web at:
coloradochaptericc.org

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Colorado Chapter, Inc. of the International Code Council

Post Office Box 961, Arvada Colorado 80001

President's Message Tom Meyers

Thank you!

I would like to take a moment and thank you for your confidence. I will endeavor to fulfill your expectations. It is an honor to be a contributor to this incredible organization. It is especially an honor to be serving you during our 50th anniversary.

Newsletter

As the new chairman of the newsletter committee, I am pleased to present you with this new format. In this edition, you will find articles on our anniversary, upcoming meetings and themes, designs for ground snow, legislative issues, and one on our immediate Past President, Jim Thelen.

The newsletter committee is always looking for content to include in future newsletters. We also seek ideas for upcoming Chapter meetings. Tell us what you want and we will do our best to provide it.

Mission Statement

The Board met at a retreat on Jan. 10th and decided to start working on a mission statement for the Chapter. Over the years, the Chapter has grown and so has our budget. We are involved in a variety of activities from education to code change to volunteerism to self-promotion. I have had to put my pragmatic sensibilities aside and propose that we craft our first mission statement.

This is intended to serve as the benchmark for the board and membership to use to weigh decisions that affect revenue, budget, and/or programs. We actively solicit input from anyone who has an interest in this process.

ICC Code Training

If your jurisdiction is considering promoting an I-Code training program, the Chapter may be able to help! The Chapter Board is committed to providing contingency subsidies as necessary to ensure the financial success of these programs. Contact me for an application form if you are interested.
Respectfully,
Tom Meyers

2003 Chapter Meetings - Themes

Date	Location	Theme
• Feb. 13 th & 14 th	Broomfield	Disaster Mitigation
• April 25 th	Pueblo	Sm. Jurisdictions Issues
• June 27 th	Avon	Alternate Methods
• Aug. 7 th & 8 th	Ft. Collins	Multi-State / I-Codes
• Oct. 3 rd	Englewood	Moisture Control / Stucco
• Dec. 11 th & 12 th	Colorado Springs	Legislative Issues

Celebrating Our
50th
Anniversary

1953 to 2003 – 50 Years of Service Tom Meyers

2003 marks the 50th anniversary of the Colorado Chapter. We plan on celebrating the event in a number of ways.

First, we will plan on having a party at the Wilderness on Wheels camp located near the crest of Kenosha Pass. Leave your hammers at home, this is not intended to be a work event. Expect a big chapter

barbeque with live music and fun for the entire family. This will occur at a date to be determined in July. If you have any suggestions for this event, contact Dan Nickle at 303.987.7554.

We can also expect a bigger and better “slide” show from Steve Thomas at this year’s Chapter ABM in Colorado Springs. He intends to have pictures

of Chapter dignitaries going back to the 1950’s! **If ANYONE has any old photographs of individuals or activities**, please contact Steve at 303.400.6564.

I am open to any further suggestions that you might have. Please call me at 303.438.6222 and let me know what you are thinking!

Tom

Thank you, Jim Thelen! Tom Meyers

I would like to take this opportunity to personally thank Jim Thelen for his services as President during the past year. Jim brought a great deal of energy and enthusiasm to the Chapter. That energy was infectious; giving all of us the boost we needed to dive into the issues and activities that are critical to the Chapter’s success. This alone made Jim a great leader.

Jim also instituted an outreach program intended to acquaint outlying jurisdictions with the benefits of being a Chapter member. Jim worked to reach these members by taking the Chapter “on the road” by having some Chapter meetings in more remote areas than usual. He had members of the board attend events held by other organizations such

as FMAC and the Mountain Building Officials. He also helped promote regional I-Code trainings such as those held in Grand County and in Loveland. Due to its success, the outreach program will be carried into the next year’s activities.

Jim also went beyond the call of duty, attending nearly (if not all) of the Chapter’s events this year. He even wielded a hammer at the Girl Scouts give-a-day. It was great to see Jim at EVERY business meeting (He swore off golf!), even when it meant driving 60 miles back and forth from Littleton to Colorado Springs a couple of times while his wife Kay was recuperating in the hospital. That is dedication!

During the Chapter’s ABM in Colorado Springs, I was able to talk to Jim a little about the past year. When asked what the most important thing Jim gained as President of the Chapter, Jim replied, “my Past-President’s jacket, of course!” What do you expect from a guy whose closet is bigger than yours, mine and Imelda Marcus’, combined? Sorry Jim...I owed you for that red hat and slippers at the Broadmoor!



Designing for Ground Snow Load Wally Prebis, P.E.

In 1999 the *Structural Engineers Association of Colorado*, SEAC, established a special Snow Load Committee to do a complete collection and study of snowfall records for the State of Colorado. At this point-in-time all the data has been collected, and all that remains is an analysis so as to be able to arrive at ground snow loads throughout the state. This work is slow and tedious, and the date for completion is currently indeterminate. For that reason this paper seems appropriate as an acceptable procedure until SEAC's final report at some later date. All discussion is based on the 1997 edition of the Uniform Building Code, UBC.

Following is a brief discussion of the basics of snow load design:

1. Start by determining the Ground Snow Load, P_g . This is value determined through the collection of snowfall data from recording stations monitored by agencies such as the National Weather Service and the Soil Conservation Service.
2. Next, determine the Roof Snow Load, P_f , by applying the equation $P_f = C_e I P_g$ [Equation (40-1-1) from UBC Appendix Chapter 16], where C_e is a snow exposure factor, and I is an importance factor.

Ignoring for the moment the importance factor, some further discussion is necessary regarding the exposure C_e .

The value for C_e is found in UBC Table A-16-B, and is always a fraction, an immediate indication from looking at the equation above that the value for the roof snow load, P_f , is always less than the ground snow load. It is obvious that after or during a snowfall, blowing winds will remove snow from the roof and deposit it on the ground. From Table A-16-B, C_e varies from 0.6 where the structure is located in terrain that is open and subjected to considerable wind, to 0.9 where the structure is located in a more sheltered area. This all seems simple, but remember that until just recently we did not have all the data to thoroughly determine ground snow loads. In the meantime, roof snow loads had to be adopted so that roof design could proceed. This then, resulted in adopting arbitrary values for the roof snow load, presented a problem in determining the ground snow load, and provided the reason for this paper.

HISTORY

The Structural Engineers Association of Colorado, SEAC, has taken on the task of conducting a

structural survey of Colorado jurisdictions ever since 1971, a task that is repeated every few years as deemed appropriate. In that survey jurisdictions are asked questions such as what edition of code has been adopted, their design requirements for snow, wind, as well as any other special load requirements. From the very first such survey it became obvious that many jurisdictions had made no adoption of some specific loads and that some degree of guidance would be welcomed. One of the biggest areas of variance was with snow loads, more than likely due to Colorado's terrain that makes determination of snow load as well as wind load most difficult. This early survey was the catalyst for SEAC to get involved and develop a document that would make recommendations for the entire state. A detailed discussion of that procedure, completed in 1971, is found in any of SEAC's surveys that include the 1971 Snow Load Design Data.

Is important to keep several things in mind when reading over the Snow Load Design data:

- Data was limited. There were two principal sources, one group being the National
- Continued on Page 4*



"This then resulted in adopting arbitrary values for the roof snow load, presenting a problem in determining the ground snow load..."

Designing for Ground Snow

Continued.....

Weather Service, and the other the Soil Conservation Service.

- The quality and quantity of data varies differently between stations, as recorded by the Climatological Service Office which kept the records.

- From this data, despite limitations, SEAC was able to develop a map and design equation that enables a user to arrive at a basic design snow load for any location in the state.

- It is important to keep in mind that what was developed was the Basic Design Snow Load, which is the roof snow load. The Ground Snow Load, a value needed for drift design, was not addressed since the requirement for design of drift loads was not yet a code requirement and did not come into play until the 1994 edition of the Uniform Building Code.

Also important to note is that in 1971, when the basic snow loads were established and recommended, they were somewhat arbitrary, had no relationship to the ground snow loads, and admittedly conservative. For instance, in 1971 enough data had been collected to determine that for Denver the average ground snow load was 25 psf. Keep in mind that because snow eventually is blown off a roof and to the ground, the ground snow load is always larger than the roof snow load. However, in 1971 Denver had for years been designing for a 30 psf snow load, as do many

jurisdictions today along the front range. It was difficult for Denver, as well as other jurisdictions, to lower the basic roof design load based on the lower value of the ground snow load as determined for data then collected. Hence, current roof snow loads are conservative, resulting in calculations for drift loads that are totally beyond what they should be unless properly modified. It is with that understanding that the next step is to determine a workable ground snow load.

SELECTION OF P_g TO USE IN THE DESIGN FOR DRIFTING

It is not the intent of this paper to attempt to design for drifting but rather to address that portion dealing with the ground snow load, P_g . All code references will be to the 1997 edition of the Uniform Building Code.

As previously mentioned, snow is blown off a roof and on to the ground, resulting in a ground snow load that is always larger than the roof snow load, and all drift calculations start by obtaining the ground snow load. Knowing the ground snow load, the UBC then offers an equation for calculating the roof snow load, a procedure immediately preceding designing for drift:

$$P_f = C_e I P_g \quad (40-1-1)$$

Where P_f = roof snow load
 C_e = coefficient
 equating ground snow to roof snow

I = importance factor

In order to illustrate the mechanics of this design recommendation Denver will be used as an example.

The roof snow load for Denver as well as most front range jurisdictions, is 30 psf. The ground snow load for Denver is 25 psf. Starting with the roof snow load, in order to obtain the ground snow load, the roof snow load must be multiplied by 0.833. Several jurisdictions have already done something similar:

Colorado Springs applies a multiplier of 0.667 to the roof snow load, arriving at a ground snow load of 20 psf
 Summit County uses a multiplier of 0.90 at all levels of roof snow load

SUMMARY AND RECOMMENDATION

Until SEAC issues its official recommendations sometimes in the near future, the recommendation for obtaining the ground snow load for any jurisdiction is to take its current adopted roof snow load and multiply by 0.833 to obtain the ground snow load.

Submitted by:
 Walter J. Prebis, P.E.
 Executive Director
 Member, SEAC Snow Load Committee

Opinions expressed in this article are those of the author and not necessary those of the Colorado Chapter ICC

Capitol Update Tom Meyers & Greg Wheeler

The Chapter's legislative committee is watching a number of proposed pieces of legislation during this year's legislative cycle. Some of these may directly impact your operations.

HB 1293 – Building Inspections Pilot Program

This bill intends to privatize all building inspections in the state of Colorado. The sponsor of this legislation is Rep. Bill Crane (R) out of Arvada. Effective July 2004, all government inspections shall cease. A "Building Inspection Assoc." is to be created to license private inspectors. The bill states that "...any other powers and duties conferred to local government building inspectors shall be suspended". Local governments will be required to issue building permits not to exceed \$25.

Here is the way this thing is supposed to work. The local jurisdiction issues a permit for \$25. The contractor proceeds to do the work. When an inspection is required, the contractor hires an individual from the "association". That private inspector conducts the inspection and reports the results to the "association". The "association" then provides a "method" to certify that the building has been constructed in

accordance with the applicable codes. The jurisdiction is then informed of the results.

Obviously the proposed legislation will have a substantial impact on building department operations. The Legislative committee will be following this closely and actively opposing it during the upcoming House Business Affairs and Labor Committee hearings. You are encouraged to contact your local house representative(s) to discuss your concerns.

HB 1221 – Revisions to CRS 9-5

This is the long awaited revisions to the old state residential accessibility law requiring one in seven residential units to be Type A accessible. Revisions to the old statute have made it confusing and difficult to enforce. Disabled advocates groups have threatened to sue local governments that have failed to enforce the law.

HB 1221 is sponsored by Rep. Rob Fairbank (R) from Jefferson County. The proposed changes exempt one and two family dwellings. They permit multiple types of accessible designs to be used to comply with the law, including those already mandated by the building code or by the



Federal Fair Housing Act. The base minimum requirement is effectively half that currently required. This is the result of 4 years of committee activity. It is a compromise of all affected parties including the building code enforcement community. We will gain language clarity, an appeals process, and regulations that coordinate with the IBC and ANSI A117.1-1998. The Chapter is supporting this bill. Call me if you have any questions. Tom

HB 1115 – Drug Lab Remediation

This bill empowers counties and municipalities with the ability to vacate and force remediation of former clandestine drug labs. This bill is sponsored by Rep. Lois Tochtrop (D) from Adams County. The

"Obviously the proposed legislation will have a substantial impact on building department operations."

bill does not mandate a duty to act, the language is permissive. It requires State Health and Environment to promulgate rules to remediate these sites. It allows local government to abate the nuisance and collect through tax lien. CML, CCI, and the Chapter testified in favor of the bill. It was approved by the Local Government Committee and passed to Appropriations.

Capitol Update continued on the Back Page...

Colorado Chapter of the International Code Council

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Capitol Update

Continued...

HB 1099 - LPG

This bill would give the State exclusive jurisdiction over LPG regardless of the situation or installation. This bill was scheduled for hearing on Wednesday, February 5th. However, the proponents have been meeting with Fire Chiefs Association (FCA), Fire Marshals Association of Colorado (FMAC) and the Colorado Chapter. The proponents believe that good progress has been made at the meetings and have agreed to have the hearing delayed to a future date. The proponents are concerned with excessive fees in

some jurisdictions and inconsistent inspections. The Chapter will continue to watch this legislation.

SB 226 - Plumbing Board Sunset

The Chapter has been active supporting revisions promulgated by DORA, permitting jurisdictions to adopt "any nationally recognized code". Opposing parties are suggesting that jurisdictions shall only adopt "other codes approved by the Plumbing Board". We will be watching this closely.

Colorado Chapter ICC, Inc.
P.O. Box 961
Arvada, CO 80001



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Newsletter

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President's Message Tom Meyers

This has been a month filled with disaster and success. We have just endured one of the largest and heaviest snow storms in Front Range history. We have witnessed some roof collapses, but primarily to older buildings built prior to modern codes and the diligence of modern professional building inspection. What could have been a major disaster ended up being a testament to the successes of our profession.

“Disaster and success” also illustrates our experiences at the state house. We suffered disaster when the Senate Business Affairs and Labor Committee forwarded an amended SB 226, Sunset Review of the Examining Board of Plumbers bill, to the Senate. Arguably, this version would have granted the Board additional authority, affecting a jurisdiction's (home rule probably excluded) ability to adopt anything other than the Colorado Plumbing Code. Local plumbing amendments would also have to be approved by the plumbing board. The Senate voted to approve the amended bill under heavy pressure from opposing, special interest lobbyists. When the bill was sent to the House for concurrence, we experienced success.

An amendment was offered from the floor with language specifically allowing jurisdictions the ability to adopt any nationally recognized code. It also permitted local amendments without State Plumbing Board concurrence. We won this battle because of you, the members of this Chapter. Your letters and phone calls helped educate and influence key politicians.

We are also indebted to a number of lobbyist friends. I want to specifically thank Carolynne White and Sam Mamet from CML, Melissa Nelson from CCI, Shayne Madsen representing APC, Pat Hilleary and Micki Hackenberger from BOMA, Jerry Johnson from AIA, and Lynnae Flora from Jefferson

County. These individuals have worked hand in hand with the Chapter and without their help, we would not have been nearly as successful as we were.

The battle over SB 226 is not over. The House and Senate must resolve the differences between the versions they passed. A conference committee has been named (see Capitol Update). The Chapter's continued help is essential to avoid a repeat of the disaster that occurred in the Senate.

I look forward to seeing you all at the April 25th Pueblo meeting and the Girl Scouts Give-a-Day the following day!

Respectfully submitted,
Thomas Meyers



Education Institute Tom Meyers



The 18th annual Education Institute was a success!! During the first week of March, the Chapter was host to 1433 students attending one or more of 60 eight-hour sessions. These students came from all over the country. 27 states were represented, primarily with students from the building inspection industry, construction industry and design community. I even had a few from the federal and state sectors such as the Forest Service and CHFA in my classes.

Food and drink comprises the bulk of expenses. The chapter pays about \$22.00 per person for lunch. Drinks during breaks run another \$5960 per day for a total of \$29,800. That's a lot of

caffeine to keep those students attentive! Still, the Chapter has managed to control other expenses to keep the cost down to \$65 per day per student.

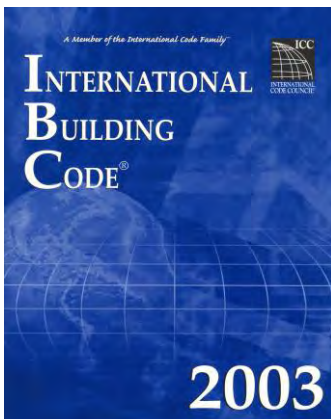
Volunteerism accounts for the bulk of the cost savings. Dan Nickle and the staff at the Lakewood Building Department take on the majority of the work, handling preparation, coordination, and registration. They are helped by other members of the Education Committee such as Gary Goodell, Dave Horras, JD Potter and too many others to list. Many of the instructors either volunteer their time or reduce their rates to assist the effort. Special

thanks are due to all of those that help the Chapter make this event a success year after year.

Look forward to a number of changes for 2004. All of the highly popular I-Code classes will be updated to the 2003 editions. There has also been discussion of running a group of classes with multiple topics that would ordinarily not be lengthy enough to fill an entire 8-hour class session. If you have any suggestions for changes, the Education Committee would welcome your comments. They are already planning the next Institute!



Bob and Tom celebrating the conclusion of another successful class!



Colorado I-Code Adoptions

As of April 1st, nearly 90 Colorado jurisdictions have adopted one of more of the International family of codes! Be prepared for a wave of 2003 adoptions in the next few months. If you are contemplating adopting the I-codes, the Chapter is here to help in any way we can. Once you adopt the new codes, please contact Becky Baker at BBaker@co.jefferson.co.us so you can be added to the list and given you the recognition you deserve!

February Chapter Meeting - Broomfield Steve Byer

Meeting Recap – Regular Feature

One of the topics of discussion at the board's annual retreat in January was continuing outreach, especially to remote jurisdictions and/or chapter members from smaller building departments who simply aren't adequately staffed to be able to get away to attend regular meetings. The newsletter is one of the most effective resources that we have for conveying current information, upcoming events and schedules. However, it may also be beneficial to re-cap events from the last meeting, and to pass along pertinent information from the guest speakers, including web sites, phone numbers and email addresses to those of you who either couldn't attend the meeting or have misplaced a business card.

We will make this a regular feature in the newsletter.

February Chapter Meeting - Broomfield

Damage Assessment was the primary topic at the February Broomfield meeting, which could have been very beneficial for any of you recently caught off-guard and unprepared to assess any damage in your jurisdiction by the Storm of 2003.

Robert Kistner, an industry pioneer and leader in damage

assessment and mitigation, who has over 45 years of experience including FEMA and the Corps of Engineers, presented a full day of training, advice and detailed handouts for immediate use. Robert has written numerous books on this topic and is president and CEO of a private firm called DamageAssessment.Biz, which offers training, supplies and software.

Dave Dunda, Manager of Business Development, assisted Mr. Kistner with the presentation. They can both be contacted at: 9249 South Broadway #200-422 Highlands Ranch, CO 80129 720-596-4980 www.damageassessment.biz

Bob Wold, with the State of Colorado, presided over an hour-long damage assessment presentation along with tips for individual / public assistance. Bob is Chief of Plans, Training and Local Programs of the Colorado Office of Emergency Management, and he can be reached at: 303-273-1778 bob.wold@state.co.us www.dola.state.co.us/oem/

Our own **Steve Thomas** also took the opportunity to present his informative damage assessment and

mitigation program and to discuss need for updating the Chapter's Manual on this topic. This manual was a collaborative effort including input from Mr. Robert Kistner and was distributed to all participating jurisdictions upon its completion several years ago. Steve has been a key figure with the Disaster Mitigation Committee and is instrumental in keeping the Chapter informed and up to date. Steve can be contacted at:

303-400-6564
Colorado Code Consulting, LLC
coloradocode@msn.com



7-11 Store - Broomfield

COLORADO CHAPTER ICC GOLF TOURNAMENT



Voted by Golf Digest in 1993 the 2nd best public golf course to be built in the U.S. or Canada, Fox Hollow G.C. in Lakewood will be the site of the 23rd Annual Colorado Chapter of ICC Golf Tournament. Get ready for some great fun!

DATE: Monday, July 28, 2003

PLACE: Fox Hollow G.C., Lakewood, CO
13410 W. Morrison Rd.
(West of Kipling Ave. about 1 mile)

TIME: 7:30 AM Shotgun

Lot's of food (breakfast & lunch) and drink, great camaraderie, and fun. And think of the great prizes we gave last year: gifts galore and to some, cold hard cash! If you like golf, you need to be here!

FORMAT

We are in a state of flux on the format at this time. We are leaning towards fighting the field, providing for more winners: we'll give you the details later. Adjustments will be made in any case for sandbaggers (we don't have any, do we?).

THIS IS IMPORTANT!!! TRY TO ARRIVE EARLY!!! Hit some balls, have coffee, juice and rolls, and get your packet and rules. Suggest you get there no later than 6:00 AM since a shotgun start means getting to your starting point on time. This is early, but let's face it: you're not going to work, you're going golfing! Again: we have an early shotgun, so get your body moving!!!

IMPORTANT

Some always wait until the last minute to sign up; this makes pairing difficult and planning almost impossible. Please try to register by July 23. Registration is \$75 -- and your check should be made out to Dan Nickle. Mail to:

Dan Nickle,
Building Official, City of Lakewood
480. S. Allison Pkwy.
Civic Center North
Lakewood, CO 80226-3106

Dress Code: Proper golf attire including collared shirt with sleeves, slacks or tailored shorts of mid length. Please! No jeans and nothing that even looks like jeans! **Shoes must be spikeless!** Tennis shoes will work.

Name _____ Affiliation _____

Address _____ City _____ State _____ Zip _____

Phone _____

Handicap _____ or Avg. Score _____

Capitol Update Tom Meyers & Greg Wheeler

SB 226- Examining Board of Plumbers

This bill has been referred to a conference committee following a house amendment granting us clear authority to adopt various nationally-recognized codes. We expect a compromise bringing the bill back to the language currently contained in the statute. This may be problematic following the State Attorney Generals interpretation of the board's authority. You are encouraged to contact representatives of the conference committee to request that they retain language similar to the house amendment. The committee is made up of Kester, Johnson, and Isgar from the Senate and White, Cadman, and Frangas from the House. **This bill is the Chapter's first priority.**

SB 256 - School Site Development Plan

This bill increases the number of days that a county has to review and make comments to the School District on proposed site development plans. We are using this discussion as the spring board into discussions regarding school inspections.

HB 1099 - LPG

This bill is still awaiting hearing by appropriations. The fire folks have done a great job opposing it. The

Chapter will continue to help FCA and FMAC since this affects us in the long run too.

HB 1115 - Clandestine Lab Clean-up

"Meth lab bill goes down in (toxic) flames", according to Carolynne White, CML. The House Appropriations Committee voted 7-4 to postpone indefinitely. Rental owner lobbyists were able to convince committee members that the owners should not be held liable or responsible for cleanup costs. This primarily affects statutory communities and others without maintenance codes. The bill would also have required State Health and Environment to promulgate rules for remediation.

HB 1140 Noxious Weed Management

This bill will likely be passed. Those of us that have code enforcement responsibilities, you will want your city or county attorneys review this bill. Prepare your budget now to implement this unfunded mandate.

HB 1221 – Revisions to CRS 9-5

This bill comprises the changes recommended by the CRS 9-5 redrafting committee, modifying the residential accessibility statute. It is the result of 4 years of compromise and has passed both the House and Senate. The



Senate amended the bill slightly to clarify that the provisions are not retroactive. At the time of this writing, we are waiting for final House concurrence of the amendment. Anticipate a Governor's signature in a month or so.

HB 1293 – Privatization of Inspections

The bill was postponed indefinitely (killed) by the House Business Affairs and Labor Committee on 12.19.03. The Chapter had about 25 people show up to support its demise. We never had the chance, the sponsor Crane decided to ask for the PI when none of his expected supporters arrived to testify. We may have won this battle for 2003, but don't expect it to go away. There is a lot of contractor animosity toward building departments giving poor

"Meth lab bill goes down in (toxic) flames", according to Carolynne White, CML."

service to their community. This is a wake-up call to departments to look at their operations and transition from an "enforcement" mindset to one of "code education".

Colorado Chapter of the International Code Council

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Girl Scouts Give-a-Day Tom Meyers

Mark your calendars for Saturday, April 26th! Following the Pueblo Chapter meeting Friday the 25th, we will be holding our third annual Chapter give-a-day at the "Lazy Acres" camp of the Columbine Council of the Girl Scouts. The camp is located in the San Isabel forest south of Pueblo. Take I-25 south to the Colorado City exit, west toward Rye on W Co 165. The camp is located on the right about 5 miles west of Rye. We will have a big sign posted so you can't miss it.

During the past two years, the Chapter has completed two cabins for the girl scouts. This year, we plan to build one more. If you have never volunteered for one of

these events, you have no idea the fun you are missing! I personally didn't really feel a part of the Chapter until I volunteered for one of these give-a-day programs several years ago. Working elbow to elbow with your peers establishes a camaraderie that can't be replicated any other way.

The construction is a well orchestrated process. J.D. Potter and the folks from Pueblo Regional Building Department do all the preparation work in advance. They obtain the necessary building materials from local suppliers, often free of charge. They clear the site and install the concrete caisson/pier foundation. They also

erect the floor platform on the foundation, ready for the walls. Saturday morning we go vertical. Chapter members erect walls, set trusses, sheath and shingle the roof, build decks, guardrails and stairs. There is enough work for everyone. All you have to do is bring along your skills (from novice to expert) and your tools.

The girls do a great job feeding us. Anticipate coffee and donuts, a big lunch, and a hot dinner afterward. You will not find a more appreciative group either. The girls and scout leaders have Come out and spend a day with your peers and make a deserving group very happy!

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April 22, 2003
SPECIAL EDITION
Newsletter

Colorado Chapter ICC

On the web at:
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Post Office Box 961, Arvada Colorado 80001



Girl Scouts Give-a-day Postponed !!!!

Due to reasons beyond our control, the Girl Scouts give-a-day has been postponed to Saturday May 31st. I apologize for the inconvenience.

Too Much Snow!!

J.D. Potter reports that the recent major storm deposited several feet of snow at the Lazy Acres camp in the San Isabel Forest. He had attempted to have a volunteer with a large front-end loader remove 42" of remaining snow to allow passage to the site.

For those that have attended this event in the past, the location of the cabins is about a mile down a narrow dirt road off of the paved highway. It is a long trek to carry building materials such as plywood and roof trusses. J.D. had hoped to have it cleared to allow the building materials trucks free passage. Unfortunately, the camp received an additional 20 inches of snow over the weekend! Current weather reports indicated that more snow is in the future Tuesday and Wednesday.

Date Rescheduled

In order to avoid most scheduling conflicts and ensure that the snow has melted, the Chapter has rescheduled for **Saturday, May the 31st.**



A Great Time!!

Working on a Saturday is fun? Yes! The girls really appreciate our efforts. They have had some less than positive experiences with volunteers before the Chapter stepped in. Today they have 2 new cabins because of our efforts.

The girls are tremendous hosts. They provide coffee, donuts, and snacks. We also get a sit-down lunch and dinner. The site is beautiful and campers are welcome the night before by special arrangement.

I cannot begin to describe the feeling of camaraderie and the knowledge that in one day you can make a major difference in somebody's life. Where else can you see a building inspector giving orders to his or her pencil-pushing boss...and have them happily accept them? Don't miss the Fun!

Lazy Acres can be reached by taking I-25 south of Pueblo to the Colorado City exit. Take 165 W west past Rye about 5 miles. The camp is located on the right and will be marked: CCICC
Tom Meyers



July 2003
Newsletter

Colorado Chapter ICC

On the web at:
coloradochaptericc.org

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JIM THELEN

Colorado Chapter, Inc. of the International Code Council

Post Office Box 961, Arvada Colorado 80001



President's Message Tom Meyers

This has been an incredibly busy couple of months for the Chapter.

On May 31st, about 35 people gave up their Saturday to help build a cabin for the Columbine Council of the Girl Scouts in the San Isabel forest south of Pueblo. We had a great time and finished the building in record time. See pages 3 and 4 for lots of pictures and details.

Denver now has a new

Mayor thanks in part to some behind-the-scenes activities by members of the Chapter. John Hickenlooper has publicly stated his support for the I-Codes and their adoption in Denver. Thanks to all of you who helped make this campaign a success!

On June 26th, the Board met and worked on the budget for the next fiscal year. That evening,

members were treated to a BBQ in the beautiful surroundings of Avon. The next morning, Carol Gill-Mulson of the Eagle River Fire Protection District put together an incredibly interesting program on alternates. Thanks to Carol for her hard work and enthusiasm!

I am looking forward to seeing you all at the Multi-State meeting in August. **TGM**

Editor's Message Tom Meyers

First, I would like to thank everyone who has helped contribute to the newsletter during the past 6 months that I have been editor. I have made it my goal to try to provide content and quality equal to that in the editions published by Mike Stensland in the mid 1990's. That was a hard act to follow.

I want to extend special thanks to Greg Wheeler for his legislative updates, Steve Byer for his Chapter meeting recap, and Wally Prebis for his encouragement and excellent digital photos.

I am pleased to announce a new feature beginning with this month's newsletter. Prompted by some interesting and often spirited discussions in the Broomstick Building Division, Tim Pate and I have started a new column on I-Code issues entitled "**Code Talk**". We will discuss specific code items that may be less than clear, be somewhat controversial, or otherwise demand the attention of enforcing officials and likely initiate action by the Code Change and Code

Development Committee. We hope to have these issues posted on the Chapter's website under the discussion heading. If you find something that you think would be of interest to the Chapter, please e-mail myself or Tim Pate at tpate@ci.broomfield.co.us

If there are any aspiring newspaper columnists out there or anyone else that has comments or suggestions, please contact me. This is your professional resource and we want it to be the best it can be. **TGM**

June Meeting – Pueblo Steve Byer



Meeting Re-cap

This meeting consisted of three concise and very informative presentations in the morning, the Chapter business meeting in the afternoon, an informational tour of the Ritz Carlton Hotel and some of the best weather and scenery available in Colorado.

Alternative Fire Protection Methods

Our meeting host, Carol Gill-Mulson of the Eagle River Fire Protection District, led an hour-long discussion, Power Point presentation and video specifically referring to alternative fire protection systems, including the exterior system used at the Ritz-Carlton Hotel. This also led into a really informative question and answer segment regarding various trade-offs that were considered and / or implemented, followed by a video showing the testing of the exterior fire suppression system. Carol can be contacted at cmulson@erfpd.org

Sound Transmission Control in the I-Codes

Dave Ware, Manager of Codes and Gina Costanzo, both from Owens Corning covered a great deal of critical information regarding code requirements for sound control. What was once an Appendix Chapter is now part of the body of the I-Codes, and Dave Ware's explanation was very beneficial in helping those present to understand these code provisions for the proper implementation by local jurisdictions.

Dave Ware 530-885-7558
david.w.ware@owenscorning.com
 Gina Costanzo 303-799-3828
gina.costanzo@owenscorning.com

Photo-luminescent Technology

Bonnie Neal with Solaris Sales presented the third segment of the morning, which was an informative

session basically highlighting the advances that have been made in photo-luminescent signage. Bonnie also placed sample signs and markers throughout the room at the beginning of the meeting, and it was truly amazing how much light was emitted from the signs with the lights off. Bonnie's presentation also included some dramatic photos showing how variously shaped markers can be used to inexpensively illuminate exit paths, doorways, stairways, etc. Bonnie Neal 303-280-3222
solaris.sales@comcast.net

Ritz Carlton Tour

Following the Chapter Business meeting, about a dozen attendees visited the Ritz Carlton Hotel at the Bachelor Gulch ski area on an educational tour highlighting the alternative exterior fire sprinkler system, advanced smoke control and high tech fire alarm system used at this beautiful complex. This system was implemented because of the management's desire for a combustible log exterior finish even though the construction type 1 required a non-combustible exterior finish.



Girl Scouts Give-a-day Tom Meyers

The second attempt was a success! Following a large snowstorm and subsequent cancellation, the Chapter turned out in force to build a cabin for the girls on May 31st. We had perfect weather...at least until 4pm when the work was finished...and finished the building in record time. Instead of a lot of words, we will let the following pictures tell the story.



It starts with a pile of wood and some willing volunteers.



Now that Gerry is on the ICC Board, he has to wear clean work clothes and a new tool belt. It is all about image!



The Girl Scouts kept the crew well fed!



The walls have already been erected and it is only 10am. I actually witnessed Jim with a power tool in his hand...instead of his usual golf club!



Barb...showing the rest of us what "work ethic" really means!



Stacey trying to teach JD the impossible!



If you need a toilet repaired, DO NOT call Clint Tawse! Seriously, Clint got the unenviable job of removing this stuck commode...the hard way.

Girl Scouts Give-a-day Continued...



It's not all about work...friendships are made or re-established during Chapter give-a-day events.



The finish crew never stopped!!!



Steve and Randy made most of us look like amateurs. They made a great team!



Larry showing Dan how to single-handedly plumb a wall.



Finally...It looks like a real cabin. Thanks to everyone that helped!

Code Talk Tim Pate and Tom Mevers

This is the start of a regular feature of articles about specific provisions in the International Codes. This article is offered as food for thought and to encourage discussion by the membership. The outcome of these discussions will help the Chapter's code change committee affect changes in subsequent additions of the codes. An ongoing discussion of these items will be posted on the Chapter's website: <http://www.coloradochaptericc.org>

GROUP R SPRINKLER REQUIREMENTS **2003 IBC Section 903.2.7**

Section 903.2.7 requires ALL Group R occupancies to be provided with an automatic fire suppression sprinkler system. One and two family dwellings and "townhomes" constructed under the IRC are not required to be sprinkled. If a multi-family structure is less than 3 stories in height, has a separate means of egress, has no stacked dwelling units, and is provided with open space on at least two sides of each unit, it will most certainly be constructed under the IRC. If the dwelling meets the scoping provisions of the IRC, it shall be built according to the provisions of the IRC. Occasionally, however, structural issues beyond the prescriptive requirements of the IRC, required disabled accessibility, and other applications may refer back to the IBC. These circumstances do not automatically require the entire building to then meet ALL of the requirements of the IBC, including the sprinkler provisions.

If you have an opinion on these code provisions or want the Chapter to contemplate a code change, jump online and post your comments at:
<http://www.coloradochaptericc.org/discuss.htm>.

We look forward to hearing from you!

SMOKE ALARM RETROFITS 2003 IRC SECTION R313.1.1

Did you know that smoke alarms (formerly "detectors") will be required to be retrofitted into a home if ANY permit is issued other than those for exterior repair? Did you know that the majority of these installations will require hardwiring?

The UBC formerly activated the retrofit requirement when a BUILDING permit was issued with a valuation over \$1,000 (except for repairs to exterior of house) or when a sleeping area was added. Now the IRC requires installation whenever ANY permit is issued other than for repairs to the exterior of the house. This will even include minor permits such as installation of water heaters and air conditioners, adding an electrical outlet to kitchen counter, and changing out an existing furnace. The IRC now covers not only building-related permits, but also residential plumbing, mechanical, and electrical permits.

UBC retrofit detectors were required to be battery operated only when installed within an existing structure. The IRC requires that these added smoke alarms be **hard wired and interconnected to the existing smoke alarm circuit** if there is an attic, crawl space, unfinished basement, available chases, or some other means of pulling wire without removing surface finishes. Now, most homeowners will need to hire a licensed electrician to perform the new wiring unless they feel comfortable doing the work themselves as allowed by the State of Colorado Electrical statutes. This may significantly increase the cost of doing these minor permits!

PROJECTION LIMITATIONS 2003 IBC Section 704.2 Item 1

Pete Bemelen of Denver writes:

Section 704.2 item 1 states: "...where protected openings are required in accordance with Section 704.8." How does one apply T704.8?

Protected openings are required when the fire separation distance is greater than 3 feet and extends to 30 feet. If the building is sprinklered, the range would be from 3feet to 20 feet. Is item 1 always 3 feet or do we use the 30 feet? If the fire separation distance is 12 feet, what would be the allowable projection from the wall?

Jay Woodard of ICC responds:

This is a section that I would love to see someone submit a code change on. This is one of those unfortunate situations where combining language from one code (704.2 item 1 and 2 are from UBC) and a table from another (Table 704.8 is from the NBC) don't really work too well. The way we have been teaching it is that you go to Table 704.8 and when you look at the "unprotected" row it will not permit any unprotected openings until you get "greater than 5 feet." Therefore, once you are 5 feet or less you only have the option for "protected" openings and then once you are 3 feet or less you can not have any openings. So, based on this, 5 feet is really the point where the "protected openings are required" in 704.2 item 1.

Chapter Shirts Still Available!!!

Greg Wheeler has shirts for sale!

The shirts are \$30.00 apiece and we have three colors to choose from: Tan, White and Yellow. He has all sizes available from Medium to 2XXL.



Greg will bring the shirts along to the next Chapter meeting. If you want one sooner, contact him at:

Greg Wheeler
9500 Civic Center Drive
Thornton, CO 80229
303.538.7253

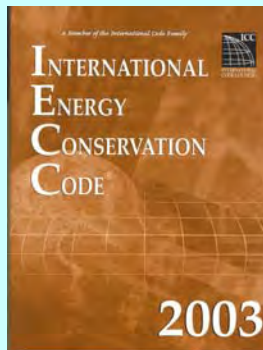
greg.wheeler@cityofthornton.net

Meth Lab Clean-up Standards

Meth lab clean-up standards are now available from the Colorado Division of Health and Environment:

<http://www.cdphe.state.co.us/hm/methlab.pdf>

This document is the culmination of considerable committee input. These guidelines are NOT enforceable unless locally adopted. Anticipate another Chapter effort to re-introduce legislation to officially make these guidelines state standards, similar to the failed HB 1115.



Energy Assistance

Steve Andrews from E-Star Colorado states that they will happily answer technical questions pertaining to the IECC or assist a jurisdiction with IECC adoption issues. Steve is also pleased to announce that they have a new staff engineer and home energy rater, Jim Meyers (303.297.7478) who can assist with code questions. Steve can be reached at:

E-Star Colorado
1981 Blake Street
Denver, CO 80222
V. 303.297.7472
F. 303.297.0948

Utah Resource Center... Now Open!!

Jack Bursleson wants everyone to know that the ICC Utah Regional Resource Center is now open. They will be the ICC staff liaisons for Colorado.

They can be reached at International Code Council, Utah Regional Resource Center, 455 East 500 South, Suite 202, Salt Lake City, Utah 84111-3328
Phone: 801.363.1350, 800.347.2224,
Fax: 801.363.1393.



Colorado Chapter ICC
P.O. Box 961
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of the
International
Code Council

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Special thanks to:
Jan Graham
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Formatting and Proofreading

2003 IRC Training Class!
Castle Rock - August

Rick Mendez at the Castle Rock Building Department will be hosting a 2003 International Residential Code training class on August 15th.

Steve Thomas of Colorado Code Consulting, LLC will be teaching the class using his renowned PowerPoint program. If you haven't had the opportunity to take one of Steve's classes, you are in for a treat. This is guaranteed to be an interesting seminar.

The cost is \$25 per person including breakfast and lunch. You can't beat that...anywhere!!! The deadline to register is August 11th and seats are limited so make sure that you RSVP as soon as possible. Contact Rick at 720-733-3529

Wilderness on Wheels
August 16th

Missed the Girl Scouts Give-a-day? Interested in getting together for a great time with your fellow code professionals working for a good cause? On Saturday, August 16th, the Chapter will be sponsoring a give-a-day at the Wilderness on Wheels facility on US 285 near the Kenosha Pass summit (about 60 miles from Denver). We will be helping with a number of construction projects, including the replacement of a sizable portion of boardwalk used to access the forest. Pack a lunch and your tools if you plan on attending. Immediately following, Jim Thelen has graciously invited all of us to attend a BBQ at his house in Conifer.

November 2003
Newsletter

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On the web at:

coloradochaptericc.
org

Colorado Chapter, Inc. of the International Code Council

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President's Message Tom Meyers

It is hard to believe that it is November already. This year has gone by incredibly fast. I never realized how much work this job would entail. Fortunately I had a lot of help along the way. I want to use some of my allotted space to thank a number of people for their assistance to me during this past year.

First and foremost is Tom Thompson who has been my mentor for the nearly 9 years I have been in the code community. His lengthy experience, insight, and uncanny ability to get to the root of an issue have been invaluable to me. His guidance and support allowed me to join and excel in this organization. Thanks Tom!

Becky Baker also really deserves my appreciation. She has single-handedly taken on the role of Chapter ambassador. She has traveled to communities across the state, talking to building and elected officials about the International Codes. She was instrumental in forming I-Codes Now and assisting Denver's code adoption process. Without her selfless determination, I would have been a lot busier than I have been. Thank you, Becky!

I also want to thank the 2003 Board of Directors. I am pleased to see that we have many years of strong leadership ahead of us. Dave Horras will make an excellent president. He will prove to be a refined and able leader, taking us

successfully into the next half a century. J.D. Potter's pragmatic and down-to-earth sensibility will keep us mobile and realistic. Barb Kuettel's drive and attention to detail will ensure that we have the energy and diligence to exceed. I look forward to larger contributions from Patrick Buckley as he steps down from the leadership of Program committee and directs his spare time to bigger and better things. I am certain that both Jim Wray and Stephen Kanipe will pick up Program and give us a 2004 meeting agenda worth remembering. Finally, I want to especially thank Steve Byer for immediately stepping up and assuming the treasurer's position. He has taken over the good work started by Rob Ragulsky and J.D. Potter and brought it to new heights. Thanks to the entire Board for the hard work and support this year!

On page 5 of this newsletter, you will find an application for Chapter board or committee positions. This organization succeeds because of its volunteers. I haven't the space to adequately express the personal satisfaction I have received from my involvement with the Colorado Chapter. Committees have provided me with technical education and place to interact with fellow professionals and share the common issues we encounter in our jobs daily. Please take a moment to fill out the form if you feel you can make a contribution.

TGM

Ron Lord, IAPMO Midwestern Regional Manager, wrote a letter dated October 17, 2003 that was sent to several jurisdictions' mayors, council members and county commissioners. The letter encourages local legislators to adopt the *Uniform Plumbing Code* (UPC) in order to be in compliance with the Colorado Plumbing Code. Mr. Lord made several assertions regarding the UPC that call for a response.

Mr. Lord's letter states that the Uniform Plumbing Code (UPC) is ANSI accredited. He states that complaints could be filed against governmental jurisdictions adopting anything other than the Colorado Plumbing Code (CPC), and insinuates that adoption of the 2003 edition of the UPC will automatically meet the CPC. He also implies that the UPC book costs less than competing *International* code documents published by the ICC.

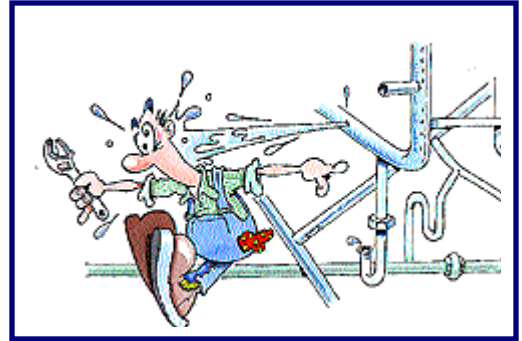
Carl Marbery, ICC staff, states that his understanding that the accreditation process for the 2003 UPC has been approved by the American National Standards Institute (ANSI). However, there are some outstanding appeals challenging this accreditation, including the American Society of Plumbing Engineers (ASPE). The ANSI Board of Standards Review has the authority to allow the original action to stand until all levels of appeals have been completed. There is no deadline for the appeals filed to be resolved, so in the interim the UPC will be deemed "accredited".

ANSI accreditation applies to the process used to develop the code, not to the technical merits or content of the code itself. ANSI accreditation is not an endorsement of the efficacy of the

code, only a methodology to create fairly developed consensus standards. Alternatively, the ICC also provides a fair and open method for code development. All interested and affected parties are afforded a forum for public comment and many serve on the committees that consider changes. The ICC "governmental consensus" process differs with ANSI by giving governmental representatives the final say for challenged code changes at the end of the process.

Adoption of the 2003 UPC does not meet the current Colorado Plumbing Code. The Examining Board of Plumbers (Plumbing Board) has adopted the 2000 UPC with 10 pages of amendments (amendments available at <http://www.dora.state.co.us/plumbing/forms/rule2.pdf>). The 2003 UPC has undergone substantial changes from the 2000 edition. Unless a jurisdiction adopts exactly what the Plumbing Board has adopted, they have not fully adopted the Colorado Plumbing Code. That applies for the 2003 UPC as well as the *International Plumbing Code* (IPC).

Deputy Attorney General Karen Howard addressed the Plumbing Board at their October 9, 2003 meeting. Ms. Howard distributed a "draft" memorandum to those in attendance addressing her comments on CPC correlation to statutory jurisdictions (home rule discussion was conspicuously absent). Ms. Howard said that anyone could file a complaint with the Plumbing Board concerning the adoption and enforcement of documents other than the Colorado Plumbing



"...ASPE questioned why the UPC requires more material, more labor and more cost to the public for the same plumbing system that can be designed and installed under other plumbing codes in the United States."

Julius Ballanco PM Engineer Magazine (05-03)

Code. The burden of proof that adopted codes, standards and/or amendments were not consistent with the CPC falls on the individual that files the complaint. She pointedly stated that the AG's office did not have the resources available to handle frivolous or otherwise unsupported complaints.

In 1999, the General Assembly's legal office provided an opinion regarding the Plumbing Board's code adoption and the impact on home rule cities and towns. The questions and answers were:

- ***Has the General Assembly effectively preempted home rule municipalities from enacting municipal plumbing codes by requiring the state board to adopt a state plumbing code? NO.***
- ***Does 12-58-104.5 (2), C.R.S. permit local plumbing codes that amend the state code to allow for the use of alternative products (i.e.,***

Continued on Page 3

IAPMO Letter - Continued.....

plastic piping or "studor" vents)?
YES.

- **Do the plumbing laws authorize the state to review decisions of local governments which amend the state code? NO.**

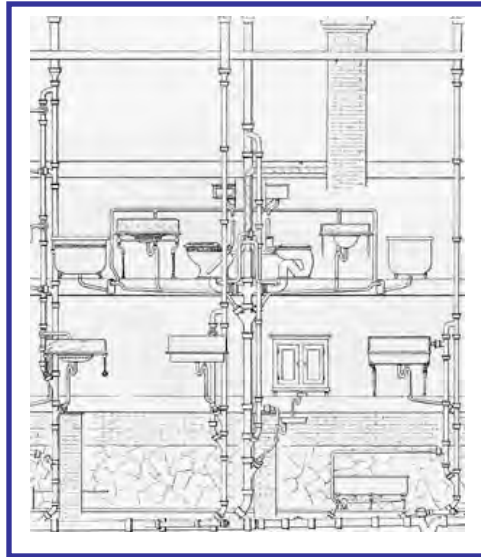
Mr. Lord compares the cost of the different plumbing codes. He states in his letter that the UPC only costs \$70.00 (non member cost); whereas it would take seven I-Code books at a cost of \$334.00 to do the same work encompassed in the single UPC. We are not sure how he arrives at that number.

Using non-member costs, the IPC is \$52.00. If you were to add the *International Private Sewage Disposal Code* to the IPC and purchased the Combo set, that would add an additional \$2.00. The total for the two codes is \$54.00. These combined costs are less than the 2003 UPC.

Colorado Attorney General's Office Opinions (2002, 2003)

In May, 2002, the Attorney General's legal counsel to the state Plumbing Board opined that local governments may enact plumbing standards different from the state's code, as long as they meet the minimum standards of that code.

In January, 2003, Attorney General Ken Salazar stated, "I write to clarify that (the Board) has the statutory power to make determinations as to whether plumbing standards and/or regulations meet and/or exceed the requirements of the (state code)".



In October, the Attorney General's new legal counsel to the state Board clarified several key points, paraphrased below:

- State law clearly establishes the State Plumbing Board as having the ultimate authority to establish a state plumbing code. The plumbing laws clearly envision that the Board will set the minimum standard, but that local governments can amend the standards with regulations that meet or exceed these minimums.
- Despite the fact that some local jurisdictions have enacted a different code, their adoption of the IPC may be read to be amendments to the (state) Code. This applies when jurisdictions have enacted the IPC with the caveat that where a dispute arises between the IPC and the (state) Code, the more stringent of the two or the UPC prevails. In addition ...the UPC is silent on some issues and thus a minimum standard in a particular issue may not

exist. In those situations, local governments may enact IPC standards and their actions in doing so do not violate the plumbing laws.

- The state statute does not express that the state Board has the authority to determine whether an amendment adopted by a local government is equal to and/or more stringent than the state code. But, because the law unequivocally vests in the Board broad authority to adopt a code and enforcement powers generally, the AG's Office believes that the Legislature intended the Board to have the power to determine whether an amendment to the code adopted by a local jurisdiction is equal to or more stringent than the code established by the Board.

Thanks to Carolynne White and Sam Mamet from the Colorado Municipal League for their contributions to this article.

CML Position on October AG's Office Opinion

- ✓Local governments should have the ability to adopt alternative codes. An increasing number of counties and municipalities have adopted the IPC.
- ✓Home rule cities and towns have broad flexibility because the state law has no statewide declaration. When the General Assembly has had the opportunity to preempt local government, they have chosen not to.
- ✓The Board does not have the clear authority to trump local decisions because the state law does not give them that authority, and when the General Assembly has had that opportunity to do so, they have elected not to.
- ✓The state likely does not now have the financial resources to litigate against individual local governments, and may not for political/policy reasons. However, litigation by another party is always likely (i.e., certain labor-affiliated interests).

DID YOU KNOW...?

2003 IBC Section 3109 has requirements for swimming pool enclosures and safety devices. Specifically this section has requirements for barriers around swimming pools, which by definition also includes hot tubs, spas, etc. See section 3109.4.1.8 for requiring alarms at doors within walls that serve as part of barrier. This section is very similar to 1997 UBC Appendix Chapter 4 Division 1. Unless this is amended out, you will have to enforce all provisions.

2003 IBC Section 1207 has requirements for sound transmission ratings for separation walls and floor/ceilings between dwelling units and other dwelling units or public spaces. This section is very similar to 1997 UBC Appendix 12 Division 2. Unless this is amended out, you will have to enforce these provisions. This remains an appendix in the IRC.

2003 IBC Section 708 has requirements for fire partitions used for dwelling unit separation in multi-family construction. Supporting construction for these assemblies is required to "afford the required fire-resistance rating of the wall supported". This shouldn't be an issue in Type V-A and II-A construction. Where dwelling units are stacked on top of each other, requiring horizontal fire resistive separations, the supporting structure is also required to be rated. Please note that multi-story dwelling units will be affected where platform framing supports the rated walls between units. It would be advisable to use freestanding shaft wall assemblies between these units.

2003 IRC will not allow you to use prescriptive methods for wall bracing R602.10 when your design wind speed is 110 mph - 3 second gust (this equates to the old 90 mph – fastest mile). You also cannot use the wall stud height limitations of section R602.3.1/Table R602.1.3 when your adopted wind speed exceeds 100 mph - 3 second gust. You may need to ask for engineering calculations to prove compliance with both requirements.

2003 IRC Table R703.4 will now require the use of an approved weather barrier over OSB sheathing under horizontal lap sidings – both hardboard and fiber cement. 1997 UBC allowed the use of exterior OSB sheathing as an exception since it met definition of "weather repellant sheathing" per UBC Section 1402.1. LP still carries an evaluation report for their OSB recognizing it as "weather repellant". It also states that a 1/8" gap be provided between the panels. This was acceptable under the UBC, but not under the IRC.

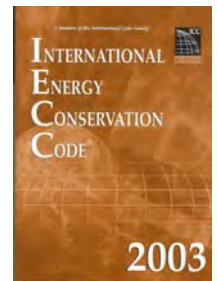
Public Hearing Results on the 2003/2004 Proposed Changes to the ICC International Codes are available on the ICC web site at www.iccsafe.org. Look under Codes and Standards then Code Development. The action lists include the Code Change Number, the Committee Action and the "successful" Assembly Action.

A summary of the actions and the full Report of the Public Hearing is posted on the Code Development Section of the ICC web site at <http://www.iccsafe.org/cs/codes/2003-04cycle/2003-04ROH.html> Public hearing registrants and other interested parties may obtain a copy of the report by sending in the Return Coupon posted on the ICC web site to the Chicago office. Code change proponents and those who sent in requests for the code change monograph will automatically receive the report. The deadline for the receipt of Public Comments to the hearing actions on proposed changes to the ICC International Codes is January 14, 2004. A Public Comment form is found in the Report of the Public Hearing at the ICC web site. The Colorado Chapter Code Change and Code Development Committee will meet in late November to discuss challenges for Final Action.

Don't forget, Final Action on the proposed changes will be in Overland Park, Kansas on May 17-20, 2004. To effect change you must participate. Let's have a large turnout from Colorado .

Energy Code Training

E-Star Colorado is sponsoring a low cost training program for building officials, plans examiners and field inspectors on the IECC. The training will be held on **Thursday, Dec. 4th** at CHFA at 1981 Blake Street in Denver. Both breakfast and lunch will be provided with the \$30 fee.



Topics include:

- IECC requirements for Building Plans
- Energy Code Plan Review
- Field, Framing, Insulation Inspection
- Final Inspections
- Use of REScheck for compliance
- Moisture Protection
- And many other topics of interest!
- http://www.e-star.com/upcoming_events.html for on-line flyer

Space is limited so please RSVP by on-line registration through the "Events" link at www.e-star.com or contact Matt Thornberry at (303) 297-7498

**2004 APPLICATION FOR COLORADO CHAPTER, ICC
BOARD OF DIRECTORS AND COMMITTEES**

Name: _____ Date: _____
Representing: _____ Phone: () _____
Address: _____ Fax: () _____
City: _____ State: _____ Zip: _____
E-Mail: _____

FOR COMMITTEE APPOINTMENT

Code Change _____ Code Development _____ Education _____
Corp. Affairs/By-Laws _____ Legislative _____ Membership _____
Newsletter _____ Contractor Regulation _____ Awards _____
Public Relations _____ Storage/Historical _____ Standardization _____
Disaster Mitigation _____ IRC Code Change _____ Program _____
IPC/IMC Code Change _____ Other _____

FOR BOARD OF DIRECTORS

Office Desired _____
Are you able to attend the ABM? Yes _____ No _____
Number of Chapter Meetings attended in the past year: _____

TO HOST A CHAPTER MEETING

Are you interested in hosting one of the six scheduled Chapter meetings in the upcoming year?
Meetings are scheduled bi-monthly starting in February.

Yes _____ Preferred Month _____

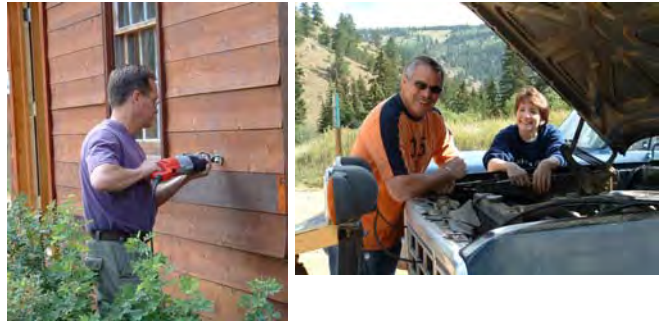
**Please submit completed applications to Tom Thompson
By Fax: 303.438.6297
Or by mail: One Descombes Drive, Broomfield CO 80020**

DEADLINE FOR APPLICATIONS IS DECEMBER 1, 2003

Wilderness on Wheels

Wilderness on Wheels I

On Saturday, August 15th, the Chapter sponsored a give-a-day at the Wilderness on Wheels facility at the crest of Kenosha Pass. This was a great day to be out in the woods...great weather and better company! We helped with some special tasks that Roger (the WOW administrator) saves for volunteers he knows can get the job done. Jim Thelen (Littleton) and Randy Pabst (DRCOG Elevator Inspection Program) installed a wall furnace. I hung and trimmed a door in a "plumb-challenged" wall. Michelle (my fiancée) installed an alternator and worked on the charging system of one of Roger's trucks (she was elected because she was the smartest one in the group!). After we finished the work, Jim Thelen had a steak dinner for the group at his home in Conifer. It was an enjoyable Saturday for everyone!



Wilderness on Wheels II

On Saturday, October 25th the Chapter sponsored a second give-a-day at Wilderness on Wheels. It is especially hard to get a group together in the height of hunting season. However, enough members arrived to perform the complete tear-off and replacement of a roof on a large storage building. These folks managed to complete the whole roofing job and a number of other special tasks by 2:00 pm, in pretty cold weather! I would like to thank Dan Nickle and Dan Gunther (Lakewood), Kirk Moors (Ft. Collins), and Tim Kirby and his family (Denver) for coming out to help. I also want to especially thank Thomas (Tiny) Thompson (Broomfield Roofing Inspector) for his help. Tiny has accepted a job with a private inspection agency in California. His contribution for the Chapter at WOW was one of the very last things he did before leaving the state!



**Ron Drey and Odie...
While everyone else
was at Wilderness on
Wheels!**

Nashville Annual Business Meeting

The membership should be happy to note that an old Colorado Chapter tradition lives on. During the ABM, Chapter members provide a corsage for each of the first-time females. The tradition was started by Beryl and Sis Wallace decades ago. It was passed on to Marv and Jean Fischer and later to Gary and Julie Goodell. This year, Stephern Kanipe volunteered to carry on the tradition.

Times have changed since the first corsage was pinned 30 plus years ago. We are now part of a larger organization with the consolidation of 3 former MCO's. Our numbers have increased and so has our diversity...

Airfare and a hotel room for the ABM in Nashville..... \$1,000.00
A night out on the Town..... \$125.00
A picture of Jim Thelen pinning a corsage on a..... ummmm..... what the hell is that anyways.....

PRICELESS!!!!!!!



Glossary of Commonly Heard Building Department Words and Phrases

“Construction Defect” – Attorney’s marketing program for HOA monetary windfall.

“Electrician Donuts” – Little powdered donuts from the roach coach, commonly consumed by sparkys.

“Engineer’s Letter” – Expensive last ditch fix for a major screw-up.

“Fire Damper Installation Issue” – Phone call to Sam Dardano.

“Fire Tape” – Imaginary material purported to correct gross deficiencies in gypsum board joint tolerances.

“Hurricane Clip” – A thin piece of sheet metal rated at 360 pounds uplift used to resist 90mph Exposure C wind conditions on 36 foot-long end-bearing trusses. Typically good for hurricanes and wind storms occurring in adjacent counties. Slang: “H-Clip”

“Inspector’s Office” – Job site port-a-let.

“Lick-n-stick” – Adhered stone veneer.

“Look it up in your code book!” – Commonly stated by inspectors who not only don’t know where the provision is located...and probably made it up in the first place.

“Meth Lab” – One 4 a.m. phone call, one mad spouse (the phone call woke him/her up too), 4 trips to the City/County attorney’s office, 25 phone calls, and 3 inches of paperwork.

“Nobody ever made me do that before!” – Contractor’s expression of exasperation when caught doing something he/she hoped he/she would get away with if only the inspector wasn’t so darn observant.

“One Hour Rock” – 5/8 inch thick Type X gypsum board used in a single-ply, one-sided application for fire resistance, usually by a residential contractor doing his/her first commercial job.

“Plumb” – That which is within 15 degrees of vertical.

“Pookey” - Extremely expensive (typically red) material used to fill the annular space around openings in fire resistive assemblies.

“Red Mud” – Poor man’s fire caulking. Especially cost effective when concocted from plain joint compound and red food coloring.

“Roach Coach” – Mobile four-star dining.

“Roll Over” – Reassignment of a building inspection to the following day. Typically occurs when an inspector spends too much time sharing electrician donuts with the construction crew.

“Rough Inspection” – What some contractors call all of their inspections, especially after receiving multiple-page correction notices.

“Water Closet” – Fancy plan-checker terminology for “crapper”.

“Wood Butcher” – Framer

“Wood Serial Killer” – Plumber or Tinner

Editor’s note: *The proceeding definitions are not necessarily endorsed by or are the opinion of the Colorado Chapter of the ICC!*



Colorado Chapter
of the
International
Code Council

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Special thanks to:
Jan Graham
City & County of Broomfield
Proofreader and PDF goddess

Blackwell Retirement

Ira Blackwell recently retired from Merrick and Company. He had spent 43 years in the design and construction field. He is a long time friend of the Chapter and we all wish him happiness in the less demanding field of retirement!

Ira can be contacted by:

E-mail:
paako2@earthlink.net

Address:
Ira W. Blackwell, AIA
34 PAA-KO Drive
Sandia Park, NM 87047

Bader Retirement

Howard Bader will be retiring from the City and County of Denver on November 25th. Howard has worked for Denver for the past 13 years. Howard is a graduate from the University of Colorado, Boulder with a BS in Mechanical Engineering.

Howard has had a very diverse career. He has worked for a number of engineering companies and consulting firms. In 1969, he accepted a position with Rocky Mountain Sheet metal, staying with them for nearly a decade. Prior to coming to Denver, Howard was the Sheet metal Division Manger for US Engineering. He also spent 5 years raising long-horn cattle in Walsenburg!

Howard is recognized as one of the founding members of CAPMO and his plumbing and mechanical expertise will be missed!

A retirement party will be held at the Wellington Webb Municipal Center at 8:30am on November 19th.

E-Mail Howard at: hbader@prodigy.net