

A G E N D A

Pennsylvania Construction Codes Academy Symposium

February 17, 2010 – Best Western Concordville Hotel

Day One

Registration Fee: \$125 includes 6.5 UCC Continuing Education Credit Hours

8:00 Registration

8:30 Welcome & Opening Remarks

Format Panel Discussions & Q&A

- *Bob Buddenbohn, Pennsylvania Construction Codes Academy*
- *Dave Buskirk, International Code Consultants, Inc.*
- *Chris Hine, S&A Homes*

8:45 Habitable Attic Allowance and Bonus Rooms: The 2009 IRC contains new requirements for “habitable attics.” This new term will allow IRC compliant buildings to be built with 5 floors (counting the basement) with a habitable attic or loft. The application of “habitable attics” is less clear when applied to bonus rooms. This session will explore this new requirement and discuss code compliance and enforcement challenges. *Mark Fortney, PHRC*

Presentation 15 minutes

Panel & Q&A 15 minutes

9:15 Decks: Decks are considered simple structures, yet deck related failures are responsible for a substantial number of injuries and deaths each year. This program will discuss the root causes of these problems and it offers real world solutions including new 2009 IRC requirements for ledger board attachment, lateral support, and concerns with brick and stone veneer. *Mark Fortney, PHRC*

Presentation 35 minutes

Panel & Q&A 25 minutes

10:15 BREAK

10:30 Changes in IRC 2009 Wall Bracing: The wall bracing requirements change significantly in the 2009 IRC which may change the way we design and build houses. This session will provide an overview of the changes for code officials, builders, remodelors, and design professionals. *Bo Kasal, Ph.D, PHRC*

Presentation 1:15 minutes

Panel & Q&A 15 minutes

12:00 LUNCH

1:00 Cracker Barrel Sessions - pick 3 @ 20 minutes each

Energy Code Compliance
Mike Turns / Mark Fortney, PHRC

Wall Bracing Q&A
Bo Kasal, Ph.D., PHRC

Residential Sprinkler Systems Q&A
Robert A. Neale
National Fire Academy

Manufactured and Modular housing issues
Mark Conte, DCED

Grandfathering of projects to the 2006 codes es
Bob Buddenbohn, PHRC

2009 IRC – Q&A
Dave Buskirk, PHRC

2:00 Continuous Studs: This short program will review the new requirements, various details and design approaches for continuous studs (foyers, great rooms, etc.). *Mark Fortney, PHRC*

Presentation 10 minutes
Panel & Q&A 20 minutes

2:30 BREAK

3:00 Duct Testing & Blower Doors: Air leakage testing for the building enclosure and duct systems is now required by 2009 IRC. Blower door testing is an option for builders and duct testing is now required. This will have major changes on the way we design, build and inspect our houses and HVAC systems.

Mike Turns, PHRC

Presentation 1:15 minutes
Panel & Q&A 15 minutes

4:30 Adjourn

A G E N D A

Pennsylvania Construction Codes Academy Symposium

February 18, 2010 – Best Western Concordville Hotel

Day Two

Registration Fee: \$125 includes 6.5 UCC Continuing Education Credit Hours

Designing and Inspecting Residential Sprinkler Systems Program

This full day program will provide a detailed overview of residential sprinklers designed to NFPA 13-D. The program will include a discussion of the following:

- Where sprinkler heads are required
- Piping types
- Configurations and sizing
- Municipal water supply
- Private well systems
- Storage tanks and pumps
- General design procedures including prescriptive pipe sizing
- Sprinkler head requirements and selection
- Proper installation
- Rough in and final inspection procedures

Date & time: February 18, 2010 – 8:30 to 4:30
Registration opens at 8:00 a.m.

Intended Audience: Residential Building Code Plan Reviewers and Inspectors, Builders, Architects, and Plumbers

Presenter: Robert A. Neale, Deputy Superintendent, National Fire Academy