

State Codes and Standards Committee
Codes Amendment Subcommittee
Minutes

April 11, 2012

1. **Call to Order:** The Chairman called to order the regular meeting of the Codes Amendment Subcommittee (“CAS”) of the State Codes and Standards Committee. The meeting was held in the third floor conference room (room 348) at 1111 Country Club Road, Middletown, Connecticut.

In Attendance:

Louis Free, Chair	
John Butkus	Henry Miga
Thomas DiBlasi	Michael Musco
Robert Hanbury	Andrew Rizzo, Jr.
Donald Harwood	Michael Sinsigalli
John Jackman	William Zoeller

Also present:

- David Bebrin, CL&P
- Bruce Spiewak, AIA Connecticut
- Daniel Tierney, Office of the State Building Inspector
- Dan Veronick, Office of State Building Inspector

2. **Minutes:**

Minutes of the March 28, 2012 CAS meetings were approved.

3. **Communications:**

The following correspondence was received since the last CAS meeting.

1. Correspondence received from Don Vigneau on March 28, 2012 submitting a code change proposal related to 2012 IECC Table R402.4.1.1 Air Barrier and Insulation Installation. Correspondence identified as **1-IECC**.
2. Correspondence received from Don Vigneau on March 30, 2012 submitting a code change proposal related to 2012 IECC Chapter C6 Informative Advanced Commercial Energy Appendix. Correspondence identified as **2-IECC**.
3. Correspondence received from Don Vigneau on March 30, 2012 submitting a code change proposal related to 2012 IECC Chapter R6

Informative Advanced Residential Energy Appendix. Correspondence identified as **3-IECC**.

4. Correspondence received from Lawrence Caniglia on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 3109.5 Entrapment avoidance. Correspondence identified as **3-IBC**.
5. Correspondence received from Lawrence Caniglia on March 30 2012 submitting a code change proposal related to 2012 IRC Section AG106.1 General, reference entrapment. Correspondence identified as **3-IRC**.
6. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1704.2.5.2 Fabricator approval. Correspondence identified as **4-IBC**.
7. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1704.1.2 Report requirement. Correspondence identified as **5-IBC**.
8. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1809.4 Depth and width of footings. Correspondence identified as **6-IBC**.
9. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1809.5 Frost protection. Correspondence identified as **7-IBC**.
10. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1609.2 Definitions. Correspondence identified as **8-IBC**.
11. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section. 2303.4.1.4 Truss designer, Section 2303.4.1.4.1 Truss design drawings and Section 2303.4.2 Truss placement diagram. Correspondence identified as **9-IBC**.
12. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1603.1.3 Roof Snow Load Data. Correspondence identified as **10-IBC**.
13. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section. 1803.5.7 Excavation near foundations, Section 2303.4.1.4.1 1804.1 Underpinning,

Section 1804.7.1 Underpinning and bracing installation and Section 1808.3.2 Surcharge loads. Correspondence identified as **11-IBC**.

14. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1608.4 Flat roof snow loads. Correspondence identified as **12-IBC**.
15. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section. 107.3.4.1 Deferred submittals. Correspondence identified as **13-IBC**.
16. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Section 1608.5 Sloped roof snow loads. Correspondence identified as **14-IBC**.
17. Correspondence received from Nic Cuoco on March 30, 2012 submitting a code change proposal related to 2012 IBC Table 1806.2 Presumptive load-bearing values. Correspondence identified as **15-IBC**.
18. Correspondence received from Jennifer Hatfield, Association of Pool and Spa Professionals, on March 30, 2012 regarding the 2012 Connecticut proposed code change cycle.

4. Old Business

1. John Jackman requested clarification whether the amendments approved related to **Section R313 Automatic Fire Sprinkler Systems** which permits providing automatic fire sprinkler system as an option in a newly constructed One- and Two-Family Dwelling or townhouse included mandatory additional membrane protection to lightweight frame construction (i.e. ½-inch gypsum board) when automatic fire sprinkler systems are not provided. The amendment approved at the last CAS meeting does not address this requirement. There have been multiple meeting addressing the requirements associated with Section R313 and due with the timing to get the 2009 IRC amendments through the review and approval process, issues discussed today can be addressed with the proposals for the 2012 IRC adoption process.
2. **Appendix F – Radon Control Measures.** Bob Hanbury reported that the pre-manufactured soil gas collector mat material cost is \$2.25 per square feet. The cost for 4-inches of clean aggregate is approximately \$800 for an average new house while the cost of the 4-inch perforated pipe and associated vent is not expensive. Don Harwood noted that the Connecticut Department of Health literature related to radon is not correct in that the code does not require crushed stone under the

basement concrete floor slab. It was also noted that radon mitigation contractors will not use radon systems already installed as part of their mitigation system and instead install their own system. After discussion, OSBI withdrew their proposal recommending the adoption of 2009 IRC Appendix R and will address the requirements in the 2012 IRC adoption process.

The CAS and OSBI took action on the following Code Change Proposals that were on hold from previous CAS meetings:

3. **(Del) E3904.6 Conduit and tubing fill.** Robert Nuzzi clarified the code proposal for deleting this section and the subsequent Tables E3904.6(1) through E3904.6.(10). The Tables are informative and there is no de-rating for the number of cables in the IRC as there is in the NEC. Deletion of this section without substitution approved.
4. **(Del) TABLE E3904.6(1) – TABLE E3904.6(10).** See Item 3 above. Deletion of the Tables without substitution approved.
5. **(Del) APPENDIX J – EXISTING BUILDINGS AND STRUCTURES.** OSBI responded to Bob Hanbury's requested clarification as to why this section is being deleted from the code. The Connecticut amendments already address many of the existing residential issues and to leave it in for reference would require coordination with those amendments. Deletion of the Appendix without substitution approved.
6. **R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas.** OSBI confirmed that code section requirements are consistent with FEMA and local regulations. Section to be revised to delete reference to Board of Appeals and instead reference authority having jurisdiction for a determination of substantial improvement or substantial damage. CAS approved in concept the revision. OSBI to prepare amendment language for consideration and final approval.

5. New Business

1. Copies of correspondence received by the Code and Standards Committee from Karen Cohn, Founder, The ZAC Foundation dated March 28, 2012 were distributed to CAS members. The CAS will be responding to the letter.

The CAS and OSBI reviewed and took action on the following sections of the 2009 International Residential Code (pages 47 and 48 of the Connecticut Amendments to the 2009 International Residential Code distributed at the meeting):

2. **(Del) Appendix F – Radon Control Measures.** Deletion of appendix without substitution approved. See Old Business Item 2 above.
3. **(Amd) AG105.2 Outdoor swimming pool.** Proposed amendment to delete 2009 IRC AG105.2 Items 10, 10.1 and 10.2, and replace with proposed amendment as written approved.
4. **(Add) AG105.6 Temporary enclosure.** Proposed amendment as written approved.
5. **(Add) AG105.7 Poll alarm.** Proposed amendment as written to previously approved language to include the reference pursuant to Section 29-265a of the Connecticut General Statutes is approved.
6. The CAS anticipates reviewing a final draft of the Connecticut Supplement for approval at the April 25, 2012 CAS meeting, and have the full State Codes & Standards Committee take action on the final draft of the Connecticut Amendments to the 2009 International Residential Code at the May 9, 2012 SC&SC monthly meeting.

6. Adjournment

The next meeting will be held on April 25, 2012 at 1:00 PM in Room 348.

Louis J. Free, Chair
Codes Amendment Subcommittee

KEY:	ICC	International Code Council	IRC	International Residential Code
	IBC	International Building Code	NEC	National Electrical Code
	IEBC	International Existing Building Code	NFPA	National Fire Protection Association

CAS MN 04-11-12