

State Codes and Standards Committee
Codes Amendment Subcommittee
Minutes

February 8, 2017

1. Call to Order: The Chair called to order the regular meeting of the Codes Amendment Subcommittee of the State Codes and Standards Committee. The meeting was held in North Plaza Hearing Room C, 450 Columbus Boulevard, Hartford, Connecticut.

2. In Attendance:

Louis Free, Chair	David McKinley
Paul Costello	Henry Miga
Thomas DiBlasi	Michael Musco
Keith Flood	Michael Sinsigalli
Donald Harwood	Carlton Smith
Robert Hanbury	Fredrick Wajcs, Jr.
Mark Mastropasqua	William Zoeller

Also present: William Abbott, State Fire Marshal
Joseph Cassidy, State Building Inspector
Darren Hobbs, Office of State Building Inspector

Dan Bonyai, Town of Branford
Dianne Harp Jones, AIA Connecticut
Jeffrey Sargent, NFPA
Bruce Spiewak, Self & AIA Connecticut

3. Minutes:

A motion was made and seconded to accept the minutes of the January 11, 2017 CAS meeting. All in favor and none opposed. Motion carried.

A motion was made and seconded to accept the minutes of the January 25, 2017 CAS meeting. All in favor and none opposed. Motion carried.

4. Communications:

The following correspondence has been acknowledged by the CAS as being received and has been registered into the CAS Tracking Log. The correspondence will be forwarded to specific work groups for review and recommendation.

- a. Proposed Code Change Form designated as **BC001** received from Kirk Grundahl, Structural Building Components Association (SBCA), on May 16, 2016 related to the 2015 IRC, Section R501.3 – Fire Protection of Floor. The proposal will be forwarded to the IRC (General) Review Work Group for review and recommendation.

- b. Proposed Code Change Form designated as **BC002** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IEBC, Section 101.2 – Scope. The proposal will be forwarded to the OSBI staff and the IEBC Review Work Group for review and recommendation.
- c. Proposed Code Change Form designated as **BC003** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section R311.7.5 – Stair Treads and Risers. The proposal will be forwarded to the IRC (General) Review Work Group for review and recommendation.
- d. Proposed Code Change Form designated as **BC004** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section R312.2 – Window Fall Protection. The proposal will be forwarded to the IRC (General) Review Work Group for review and recommendation.
- e. Proposed Code Change Form designated as **BC005** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section R313 – Automatic Fire Sprinkler Systems. The proposal will be forwarded to the IRC (Sprinklers) Review Work Group for review and recommendation.
- f. Proposed Code Change Form designated as **BC006** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section R322.3.5.1 – Protection of Building Envelope. The proposal will be forwarded to the IRC (General) Review Work Group for review and recommendation.
- g. Proposed Code Change Form designated as **BC007** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section R403.1.6 – Foundation Anchorage. The proposal will be forwarded to the IRC (General) Review Work Group for review and recommendation.
- h. Proposed Code Change Form designated as **BC008** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section N1101.4 (R102.1.1) – Above Code Programs. The proposal will be forwarded to the IECC & IRC (Energy) Review Work Group for review and recommendation.

- i. Proposed Code Change Form designated as **BC009** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section N1102.1.2 (R402.1.2) – Ceiling R-Value / U-Factor Reduction. The proposal will be forwarded to the IECC & IRC (Energy) Review Work Group for review and recommendation.
- j. Proposed Code Change Form designated as **BC010** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section N1102.1.2 (R402.1.2) – Basement Wall R-Value / U-Factor Reduction. The proposal will be forwarded to the IECC & IRC (Energy) Review Work Group for review and recommendation.
- k. Proposed Code Change Form designated as **BC011** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section N1102.4 (R402.4) – Comprehensive Energy Amendment. The proposal will be forwarded to the IECC & IRC (Energy) Review Work Group for review and recommendation.
- l. Proposed Code Change Form designated as **BC012** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section N1102.4 (R402.4) – Multi-Family Air Leakage Testing. The proposal will be forwarded to the IECC & IRC (Energy) Review Work Group for review and recommendation.
- m. Proposed Code Change Form designated as **BC013** received from Bill Ethier, Chief Executive Officer, Home Builders & Remodelers Association of CT, on January 6, 2017 related to the 2015 IRC, Section E3902.16 and E3902.17 – Arc-Fault Circuit Interrupters. The proposal will be forwarded to the NEC & IRC (Electrical) Review Work Group for review and recommendations.
- n. Proposed Amendments to the 2017 NEC designated as **BC014** received from Tim Mikloiche on January 11, 2017 related to the 2017 NEC, Sections 110.3(A)(1), 110.16(B), 210.52(A)(2)(1), 201.71, 400.12, 404.2(C) and 422.5(A)(2); and 2016 Connecticut Amendment Sections 700.7, 701.7 and 702.7. The proposal will be forwarded to the NEC & IRC (Electrical) Review Work Group for review and recommendations.
- o. Proposed Code Change Form designated as **BC015** received from Brian Mitchell, DAS-DCS-OSBI, on January 13 2017 related to the 2009 ICC/ANSI A117.1, Section and Table 404.2.3.2 – Maneuvering Clearances at Manual Swing Doors. The proposal will be forwarded to the Accessibility Review Work Group for review and recommendation.

- p. Proposed Code Change Form designated as **BC016** received from Christopher Laux, on January 21 2017 related to the 2009 ICC/ANSI A117.1, Tables 404.2.3.2 and 404.2.3.5, Figures 404.2.3.2 and 404.2.3.5 – Pull-Side and Latch-Side Door Clearances. The proposal will be forwarded to the Accessibility Review Work Group for review and recommendation.
- q. Proposed Code Change Form designated as **BC017** received from Christopher Laux, on January 21 2017 related to the 2009 ICC/ANSI A117.1, Section 1004.3.3 – Turning Circle in Type B Units. The proposal will be forwarded to the Accessibility Review Work Group for review and recommendation.
- r. Proposed Code Change Form designated as **BC018** received from Christopher Laux, on January 25 2017 related to the 2015 IBC Section 1109.2.3 – Lavatories, and 2009 ICC/ANSI A117.1 Section 608.5 – Lavatories with Enhanced Reach Ranges. The proposal will be forwarded to the Accessibility Review Work Group for review and recommendation.

5. Old Business

- a. 2018 CSBC and CSFSC – Code Review Work Groups: Status Reports and Constituency Coordination Updates:
 - i. Accessibility (IBC Chapter 11, A117.1, IEBC): David McKinley reported the work group has completed reviews of IBC Chapter 11 and 2009 ICC/ANSI A117.1, and is currently working on the accessibility requirements within the IEBC. The work group will be ready to make their presentation at the next CAS meeting scheduled for February 22, 2017.
 - ii. IBC (General): Henry Miga stated that the work group has nothing to report at his time.
 - iii. IBC (Structural): Thomas DiBlasi stated that the work group has nothing new to report at his time.
 - iv. IBC (Resiliency / Weather) and IRC (Resiliency / Weather): Don Harwood reported the work group held a meeting on January 26, 2017 and assigned work areas. In addition, the work group has scheduled a meeting with George Bradner, Director, Connecticut Insurance Department, Property/Casualty Division, on March 8, 2017. Joe Cassidy reported the OSBI will reach out to the Connecticut Department of Energy & Environmental Protection (DEEP) to determine if they have any coordination issues to address in this code cycle. The work group should be ready to make their presentation at the May 10, 2017 CAS meeting.

- v. IEBC and IFC (Existing): Michael Sinsigalli stated that the work group has nothing to report at his time.
- vi. IECC and IRC (Energy): William Zoeller reported that the work group held a meeting today and is currently reviewing the IRC Energy requirements. There are some concerns with the IRC Energy code requirements and the work group needs to schedule a meeting with DEEP to discuss. The work group should be ready to make their presentation at the March 22, 2017 CAS meeting.
- vii. IFC / Fire Safety (New): Donald Harwood reported that the work group is working with the 541 Committee and that a conference call is scheduled for 10:00 AM on Thursday, February 9, 2017.
- viii. CFPC Coordination: Michael Sinsigalli reported that the work group is still in a holding pattern and will continue to monitor code amendments as they are developed.
- ix. IMC and IRC (Mechanical): Carlton Smith reported that he will be making a presentation on the IMC and IRC Mechanical proposed code amendments later in today's CAS meeting.
- x. IPC and IRC (Plumbing): Carlton Smith reported for Eric Shutt that Eric was not able to make today's meeting but will be ready to make the IPC and IRC (Plumbing) presentation at the next CAS meeting scheduled for February 22, 2017.
- xi. IRC (General): Robert Hanbury reported that the work group has scheduled a conference call for 1:00 PM on February 14, 2017.
- xii. IRC (Sprinklers): Keith Flood reported that the work group conducted its first conference call on February 1, 2017 and identified the key items most important to the CAS that require additional information for their presentation. Louis Free requested that the work group prepare and issue a summary report in advance of their presentation to the CAS which is scheduled for June 14, 2017.
- xiii. NEC and IRC (Electrical): Michael Musco reported that the work group held a meeting today and is in the process of reviewing the IRC Electrical requirements. The work group will be ready to make their presentation at the March 8, 2017 CAS meeting.

- xiv. CT Supplement Drafts - T. Brouwer / D. Hobbs / J. Kingston: Drafts of the 2018 Connecticut Building Code Supplement amendments are being developed based on information being provided by the various work groups.

b. Work Group Presentations

- i. IMC and IRC (Mechanical): Carlton Smith presented the recommendations for code amendments related to the 2015 IMC. The work group is recommending no deletions of current 2016 Connecticut Supplement IMC amendment sections, retaining and moving forward twelve (12) existing amendment sections and adding three (3) new amendment sections. The three (3) new sections are: amend the definition under Section 202.1 for *Discrete Product*, amend Section 304.11 *Guard* and amend Section 307.2.4.1 *Ductless mini-split system traps*.

Carlton Smith presented the recommendations for code amendments related to the 2015 IRC Mechanical. The work group is recommending no deletions of the current 2016 Connecticut Supplement IRC mechanical amendment sections, and retaining and moving forward four (4) existing amendment sections.

Robert Hanbury questioned the amendment to Section *M1503.4 Makeup air required* in regards to the need for make-up air for exhaust hood systems being installed in existing older homes. This concern was previously addressed by the CAS in the last code adoption cycle with the addition of an exception allowing exhaust hood system exhausting up to 600 cubic feet per minute.

c. 2018 CSBC and CSFSC – Code Review and Adoption Schedule

- i. February 22, 2017
 - 1. Accessibility (IBC Chapter 11, A117.1, IEBC): David McKinley
 - 2. IPC and IRC (Plumbing): Eric Shutt
- ii. March 8, 2017
 - 3. NEC and IRC (Electrical): Michael Musco
- iii. March 22, 2017
 - 4. IECC and IRC (Energy): William Zoeller

6. New Business

No new business was conducted.

7. Adjournment

The next meeting of the CAS will be held on Wednesday, February 22, 2017, in the North Plaza Hearing Room C, 450 Columbus Boulevard, Hartford, Connecticut starting at 1:00 PM.



Louis Free, Chair
Codes Amendment Subcommittee

KEY:	CSBC	Connecticut State Building Code	IFC	International Fire Code
	CSFPC	Connecticut State Fire Prevention Code	IMC	International Mechanical Code
	CSFSC	Connecticut State Fire Safety Code	IPC	International Plumbing Code
	IBC	International Building Code	IRC	International Residential Code
	ICC	International Code Council	NEC	National Electrical Code
	IEBC	International Existing Building Code	NFPA	National Fire Protection Association
	IECC	International Energy Conservation Code		

CAS MN -02-08-17-Approved