

**CODES AND STANDARDS COMMITTEE  
CODES AMENDMENT SUBCOMMITTEE  
MEETING MINUTES**

**April 24, 2019**

The Chair called to order the regular meeting of the Codes Amendment Subcommittee of the Codes and Standards Committee at 1:30 PM. The meeting was held in 2 North Conference Room B, at 450 Columbus Boulevard, Hartford, Connecticut.

**In Attendance:** John J. Butkus, AIA, Architect  
Johnny Carrier, Residential Contractor  
John Cox, P.E., HVAC Member  
Louis Free, AIA, Architect, CAS Chair  
George Iskra, Fire Protection Engineer  
Mark Mastropasqua, Labor  
Eric Shutt, Plumbing Trades Contractor  
Michael Sinsigalli, Fire Marshal  
Carlton Smith, Building Official  
Fred Wajcs, Jr., Public Member  
William Zoeller, Energy Efficiency

**Also Present:** Joseph Cassidy, OSBI, State Building Inspector  
Darren Hobbs, Office of the State Building Inspector  
Joseph Kingston, Office of State Fire Marshal

**1. APPROVAL OF CAS MINUTES**

- a. A motion was made and seconded to accept the minutes of the CAS meeting dated March 13, 2019. All in favor and none opposed. Motion carried.
- b. A motion was made and seconded to accept the minutes of the CAS meeting dated April 10, 2019. All in favor and none opposed. Motion carried.

**2. COMMUNICATIONS**

No new correspondence was received since the last CAS meeting.

**3. OLD BUSINESS**

- a. Accessibility - ICC/ANSI A117.1-2009 vs. ICC A117.1-2017. John Butkus reported that the Accessibility Work Group reviewed ICC/ANSI A117.1-2009 and ICC A117.1-2017 comparing them to the current requirements of the 2010 Americans with Disabilities Act (ADA) and the 2018 IBC Chapter 11. The ICC A117.1-2017 has some significant changes including enhanced dimensions for clear floor spaces and turning spaces that would need to be coordinated and amended within Chapter 11. Therefore it is the recommendation of the Work Group to maintain the current ICC/ANSI A117.1-2009 as the reference standard in the 2018 IBC and to wait for future editions of the IBC to properly integrate the requirements of the ICC A117.1-2017. John Butkus made a motion to accept the recommendations of the Accessibility Work Group, Johnny Carrier second. The vote was all in favor and none opposed, the motion is APPROVED.

#### 4. NEW BUSINESS

- a. 2020 CSBC and CSFC Review Work Groups Presentation - IMC and IRC (Mechanical). Carlton Smith reported for the IMC and IRC (Mechanical) Work Groups.
  1. 2018 IMC Section 606.2 related to smoke detection in air distribution systems states in general in Sections 606.2.1 and 606.2.2 that smoke detectors shall be installed in return air systems with design capacity greater than 2,000 cfm. In the past, Connecticut has amended this requirement to state that smoke detectors shall be installed on the supply air side of the systems with design capacity greater than 2,000 cfm to be consistent with NFPA requirements. The Work Group is recommending maintaining the 2018 IMC code language as written without Connecticut modification.
  2. 2018 IRC Section M1502.4.2 Duct Installation. New code language to 2018 states where dryer exhaust ducts are enclosed in wall or ceiling cavities, such cavities shall allow the installation of the duct without deformation. A 4-inch oval duct transition in a 4-inch cavity wall does not work, the Work Group recommending an exception to allow the use of a "manufactured oval duct" with an equivalent diameter of 4-inches. The Chair requested that the Work Group forward recommended code amendment language to Darren Hobbs and the CAS for consideration.
  3. 2018 IRC Section M1503.4 related to makeup air required for domestic cooking appliances where equipped with ducted range hoods or down-draft exhaust systems where one or more gas, liquid or solid fuel-burning appliances that is neither direct-vent nor uses a mechanical draft venting system is located within a dwelling unit's air barrier. In the last code cycle, CAS amended the requirement for exhausting in excess of 400 cubic feet per minute (cfm) to 600 cfm. Current model code requirements maintains the 400 cfm and adds two new criteria which states in pertinent part "*each exhaust system capable of exhausting in excess of 400 cubic feet per minute shall be mechanically or passively provided with makeup air at a rate approximately equal to the exhaust air rate.*" The Work Group is recommending changing the model code requirement from 400 cfm to 600 cfm. The Chair requested that the Work Group conduct additional assessment in support of this proposed code change and provide a report at the next CAS meeting.
  4. The Chair requested the IMC and IRC (Mechanical) Work Groups to review all non-administrative (Chapter 1 – Scope and Administration) 2018 IMC and IRC (Mechanical) Connecticut Supplement amendments to determine if the current amendments are still considered valid or can be deleted.
- b. 2020 CSBC and CSFC Review Work Groups Presentation - IPC and IRC (Plumbing). Carlton Smith reported for the IPC and IRC (Plumbing) Work Groups.
  1. 2018 IPC Table 403.1 Minimum of Required Plumbing Fixtures has been reformatted and a new footnote added "*f. The required number and type of plumbing fixtures for outdoor public swimming pools shall be in accordance with Section 609 of the International Swimming Pool and Spa Code.*" A Connecticut amendment is required for footnote "f" to reference the Connecticut Public Health Code which regulates public swimming pools.

2. 2018 IPC Section 504.6 Requirements for discharge piping. The Work Group is recommending an amendment to Item 10 under Section 504.6 to add “End cut at a 45 degree angle ....” to inhibit the future installation of valves or other devices to the end of the discharge pipe.
  3. 2018 IRC Section P2804.6.1 Requirements for discharge pipe. Similar to Item 4.b.ii) above, the Work Group is recommending an amendment to Item 10 under Section P2804.6.1 to add “End cut at a 45 degree angle ....” to inhibit the future installation of valves or other devices to the end of the discharge pipe.
  4. The Chair requested the IPC and IRC (Plumbing) Work Groups to review all non-administrative (Chapter 1 – Scope and Administration) 2018 IPC and IRC (Plumbing) Connecticut Supplement amendments to determine if the amendments are still considered valid or can be deleted.
- c. 2020 CSBC and CSFC Review Work Groups Presentation - Accessibility (IBC Chapter 11, ICC/ANSI A117.1-2009). John Butkus reported for the Accessibility Work Group.
1. The Accessibility Work Group is recommending only one Connecticut specific amendment to the 2018 IBC Chapter 11, adding back the requirement for a separate additional swing grab bar for accessible toilet locations. The CAS discussed the scope, limiting the provision to a minimum of one accessible toilet room location for each gender per floor and all single occupancy toilet rooms, or at all accessible toilet locations. The CAS accepted the concept for a separate additional swing grab bar for all accessible toilet locations.
- d. 2020 CSBC and CSFC – Code Review Work Groups: One-Month Schedule
1. May 8, 2019
    - i. IBC (Structural), Subcommittee: DiBlasi
  2. May 22, 2019
    - i. IBC (General), Subcommittee: Butkus, Harwood, Miga, Neilson
    - ii. IEBC, Subcommittee: Butkus, DiBlasi (Structural), Smith

## 5. ADJOURNMENT

Next Codes Amendment Subcommittee meeting is set for May 8, 2019 at 1:30 PM or immediately following the Codes and Standards Committee monthly meeting and will be held in the 2 North Conference Room B (2nd Floor North Building), at 450 Columbus Boulevard, Hartford, Connecticut.



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**Louis Free, Chair**  
**Codes Amendment Subcommittee**