

Date: April 12, 2010

DHCD, DBFR 2009 Code Change Process

Workgroup 2 -USBC Technical Amendments April 8, 2010 Meeting

Notes from Meeting including staff comments:

USBC: VCC

Code Change No.

Description of Change

C-307.1	Group H Non-consensus. Fireworks Industry submitted amendment. ICC challenge similar to amendment. There was discussion about possibly having this carried over as is a 2012 change. Proponent indicated this doesn't really change anything but deletes part of the table already covered. Permissive fireworks are not affected in any way by this code change. Carried over to the April 29 th agenda. Fire officials support and industry only support with amendment. Building officials present had no position even though this is an USBC code change.
C-307.2(a), (b) and (c)	Permissible Fireworks Storage- These items were withdrawn.
C-308.1	Assisted Living Facilities- Carried over to April 29 th agenda.
C-308.2(a)	Convalescent Facilities-Consensus to approve. This will be on the May 10 th CSC agenda.
C-308.2(b)	Assistance in Exiting - Carried over to April 29 th agenda.
C-308.3.1	Hospice Facilities- Consensus to approve allowing 16 residents needing assistance or bedridden in R-4 sprinkled. These persons normally would be in an I-2 licensed facility. This will be on the May 10 th CSC agenda.
C-310.6(R302.1(6))	Separation Distance Proffers-Consensus to disapprove. Can do by modification process. Problems with including zoning conditions. This will be on the May 10 th CSC agenda.
C-310.6(R311.6.1)	Accessory Structure Ramps- Consensus to disapprove. Not covered by the IRC. This will be on the May 10 th CSC agenda.
C-310.6(R314.2)	Household Fire Warning System- Consensus to approve. This will be on the May 10 th CSC agenda.
C-310.6(R315.2)	Carbon Monoxide Retrofit- Consensus to approve. This will be on the May 10 th CSC agenda
C-310.6(R315.3)	Carbon Monoxide Detector Type- Consensus to approve. HBAV raised doing a further amendment to remove text on sleeping area leaving only installing CO alarms near bedrooms. Staff to ask Guy T. and Mike T. to discuss before May 10 th . This will be on the May 10 th CSC agenda.
C-310.6(R401.3)	Lot Drainage- Consensus to approve. This will be on the May 10 th CSC agenda.
C-310.6(R408.3.1)	Termite Inspections –Consensus to approve. This will be on the May 10 th CSC agenda.
C-310.6(R602.10)	Wall Bracing (Revised 2009) - Consensus to approve. Pages 25-29 is the Virginia simplified version summary. Staff asked if there are any other 2012 amendments from the 2012 IRC challenges. This will be on the May 10 th CSC agenda.
C-310.6(R602.10.6)	Wall Bracing Stem Walls- Chris S. to discuss with Brian and Chuck. Parties to let DHCD know if should be approved or disapproved by April 16 th . This will be on the May 10 th CSC agenda.

- C-310.6(E3902.11) Arc-Fault Circuits- Non-consensus with fire and electrical officials opposed and builders and owners supportive. BO's had no position. Builder's raised concerns about the cost and the projected lives saved and fewer fires. Electrical inspector association said cost would come down as states adopt the requirement and NFPA studies indicate several hundred lives can be saved. This will be on the May 10th CSC agenda.
- C-310.6(Appendix O)(a) and (b) Residential Gray and Rain Water- Consensus to approve. This will be on the May 10th CSC agenda
- C-403.3.5 Fire Command Rooms Non-consensus with fire officials opposed and owners and design professionals supporting VBCOA no position. Most of the high-rise buildings in Virginia are 10 to 16 stories. Maybe some types of high-rises-super might need, but all highrise fire command rooms is the question. Fire data attached in handout for attendees show very few fires in high-rises, little damage, deaths or injuries including to fire personnel. Owners will do amendment with 200 s.f. but allow building officials to still approve to do the 96 s.f. or up to the 200 s.f. Need amendment by April 16th. This will be on the April 29th agenda and the June 7th CSC agenda.
- C-403.4.4 (a) and (b) High-Rise Emergency Responder- Consensus to approve (a) and disapprove (b). This will be on the May 10th CSC agenda.
- C-420.4 Group I-1 Smoke Compartments- This will be on the April 29th agenda.
- C-422 (a) and (b) Ambulatory Health Care Facilities- Non-consensus. Amendment to have AHCF's be those licensed by VDH would be one way to not have BO's misapply and have most doctor's offices as AHCF. Would need to place into separate Chapter 4 section. VBCOA need to become involved. VMA, designers and owner support a with 1-hour or this new section but not as now in the IBC. Ed Altizer supported AHCF as separate section. This will be on the April 29th agenda and the June 7th CSC agenda
- C-424 (a) through (d) Fertilizer Tanks- Carried over to April 29th agenda.
- C-424.4 Skirting-Consensus to approve. This will be on the May 10th CSC agenda
- C-705.2 (a) and (b) Separation of Porches and Decks-Non-consensus both changes. HBAV wants IRC to allow open porches and decks not being restricted to 5 feet from lot lines townhomes or have sprinkler head. Need code change to coordinate IBC and IRC. IBC requires R-3 and R-4 to be sprinkled. Need code change amendment April 19th. This will be on the April 29th workgroup agenda and the June 7th CSC agenda
- C-708.14 Elevator Lobbies-Non-consensus. Owners and designers oppose taking this 20 year old sprinkler incentive. Fire data doesn't indicate smoke problem nor life, injury or property issues in report attached for attendees. Fire officials and smoke coalition support requiring lobbies or special elevator smoke doors. This will be on the May 10th CSC agenda
- C-903.2 Sprinkler Thresholds Group E- Non-consensus with private schools who would be the most impacted indicated fire record is good and fire data provided to attendees seem to verify so keep at 20,000. Fire officials support and indicated cost could be offset with not having rated corridors. This will be on the May 10th CSC agenda.
- C-903.2.1.2 Sprinkler Thresholds Group A-2- Non-consensus with owners, designers and VHTA representing restaurants oppose lowering from 300 to 100 occupants in mandating sprinklers. Fire data provided show moderate damage with these smaller restaurants that would capture many chain and ethnic restaurants. Both sides debate the issue of enforcement and what is a nightclub. Fairfax building department supported and the fire officials. VBCOA had no position. This will be on the May 10th CSC agenda.

- C-903.2.7 (a) and (b) Upholstered Furniture-Non-consensus with owners, designers and Virginia Retail Merchants opposes b and support at leaving at 12,000. B to have 5,000s.f. or some suggested 10%. Enforcement problems discussed. Fire official support but agree zero is not practical either. This will be on the May 10th CSC agenda.
- C-903.2.8 Sprinkler Thresholds Group R-2-Non-consensus with fire officials and some building officials favoring code change and owners, designers and some building officials opposing. Discussed were local water problems, impact affordable housing and ways to sprinkle including maybe 13D might be a solution. This will be on the May 10th CSC agenda.
- C-906 Fire Extinguishers Group R-2-Non-consensus with fire officials and industry supporting and owners, businesses opposing. Virginia has used as incentive for sprinklers since legacy codes. Fire record provided to attendee show very good fire record for these sprinkled occupancies. Staff asked for installed cost and maintenance and inspections. This will be on the May 10th CSC agenda.
- C-907.2.3 Voice Alarm and Corridors Group E-Non-consensus with fire officials supporting and private schools opposing. Fire officials to amend deleting the 1 hours but leaving the 30 occupants from 50 for the voice alarm system. Expect code change amendments to be submitted to include why need for the smaller schools. Cost need to be given. Question rose why necessary for the smaller schools under 20,000? This will be on the April 29th agenda and the June 7th CSC agenda.
- C-908.1 Carbon Monoxide Groups R and I- Non-consensus with ICC challenge to amend; questions on doing I occupancy; need to do something base on legislation dealing with only residential. Owners, fire and building officials to amend. Need April 19th amendments. This will be on the April 29th workgroup agenda and the June 7th CSC agenda.
- C-915.1 In-Building Emergency Communication-Consensus to Amend deleting #6 as rest of change fixes problems including TRB appeal case. This will be on the May 10th CSC agenda.
- C-1005.1 (a), (b) and (c) Egress Width and Sprinklers-Proponent of (c) withdrew his change in favor of (a). Non-consensus with owners, designers and some BO supporting retaining the sprinkler incentive and fire officials, some BO's opposing. Opposition focused on need get out with terrorism incidents and fires, while owners dispute saying the current egress width works and if there is a problem focus on super high-rises or occupant types and not do a broad brush taking away an incentive that fire data doesn't indicate is broken across the board. This will be on the May 10th CSC agenda
- C-1007.7 Exterior Rescue Area-Consensus to Approve. This will be on the May 10th CSC agenda.
- C-1018.2 Corridor Width Group I-2-Carried over April 29th.
- C-1020.1.6 Stairway Identification-Consensus to Approve. This will be on the May 10th CSC agenda
- C-1021.2 Single Exit Buildings-Non-consensus. Comments opposing was this could create more problems and disagree it is broken as proponent states. This will be on the May 10th CSC agenda.
- C-1024.1 (a) and (b) Luminous Egress Markings-Non-consensus with fire official supporting and owners and designers opposed to delete of make 420 feet. Came from NIST 911 study. It showed occupants encountered severe smoke on floors and exit stairs so these markings would have been useful. If do these why need upper exit lights or why do all high-rises. Fire data in the package show sprinkled high-rises have an excellent fire record. This will be on the May 10th CSC agenda

C-1103.2.7	Accessibility Churches-Non-consensus to Disapprove. Proponent could consider changing 2 to 12 that might have support of churches. Proponent needs to revise by April 16 th if agrees 2 person is far too low. This will be on the May 10 th CSC agenda.
C-1301(401.3)	Energy Certificate-Consensus to Approve. This will be on the May 10 th CSC agenda.
C-1301(402.1.1)	Log Home Walls-Consensus to Disapprove as with Reschek can meet IRC energy provisions. VBCOA energy committee to review for possible solution. This will be on the May 10 th CSC agenda.
C-1301(402.4.2) (a), (b) & (c)	Duct and Blower Door Testing-Carried over to April 29 th . Mike and Guy should try to find a compromise. Need to check to see what is in the IRC or IECC.
C-1301(404.2)	Energy Management Device-Consensus to Disapprove. This will be on the May 10 th CSC agenda.
C-2803.1(403.3)	Ventilation Rates Smoking-Consensus to Approve. This will be on the May 10 th CSC agenda.
C-2803.1(1101.10) (a) & (b)	Refrigerant Port Caps-Non-consensus. This will be on the May 10 th CSC meeting.
C-2804.1(310.1)	CSST Lightning Protection-Consensus to Disapprove. This will be on the May 10 th CSC agenda.
C-2901.1.1(Appendix C) (a) & (b)	Commercial Gray and Rain Water-Consensus to Approve. This will be on the May 10 th CSC agenda.
C-3001.2.1	Elevator Performance Standard-Consensus to Approve supplement only. This will be on the May 10 th CSC agenda
C-3008.1	Occupant Evacuation Elevators-Non-consensus to Disapprove. Most felt shouldn't limit use to only super high-rises at 420 feet. Technical concerns address at ICC or the standard instead of saying cannot be used in other size buildings. This will be on the May10th CSC agenda.
C-3102.5	Separation Distance Property Lines-Consensus to Disapprove. Concerned expressed not agreeing code is broken. This will be on the May 10 th CSC agenda.
C-3109.3	Swimming Pool Standards-Consensus to Approve deletion of the standards noting ICC will have a new standard. This will be on the May 10 th CSC agenda
C-3109.5.1	Swimming Pool Drains-Consensus to Disapprove noting current standard provides necessary protection. This will be on the May 10 th CSC agenda.
C-Appendix E	Supplemental Accessibility-Consensus to Approve. This will be on the May 10 th CSC agenda.

April 29th meeting VBCOA, HBAV and IA EI need to review IRC E3802.4. Is this necessary or can scope be changed or delete the new change. Discussed at the end of the meeting and not on the agenda.

April 29th will also discuss defective Chinese drywall and the CSPC repairs procedures.

April 29th IRC energy chapter by energy group from January 25th hearing to delete and use the IECC for the IRC homes.