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CHARLES BORSTEL
COMMISSIONER, DIVISION OF
PROFESSIONAL LICENSURE

Board of Building Regulations and Standards (BBRS)

February 5, 2019 Meeting
Division of Professional Licensure
1000 Washington St. – Boston - 02118

Chairman, John Couture, opened the meeting at approximately 10:25 a.m.

Chairman Couture took roll call as follows:

John Couture, Chair	✓ present <input type="checkbox"/> absent	Peter Ostroskey*	✓ present <input type="checkbox"/> absent
Kerry Dietz, Vice Chair	✓ present <input type="checkbox"/> absent	Michael McDowell	<input type="checkbox"/> present ✓ absent
Richard Crowley, Second V. Chair	✓ present <input type="checkbox"/> absent	Susan Gleason	✓ present <input type="checkbox"/> absent
Kevin Gallagher	<input type="checkbox"/> present ✓ absent	Lisa Davey	<input type="checkbox"/> present ✓ absent
Cheryl Lavalley	✓ present <input type="checkbox"/> absent	Steve Frederickson	✓ present <input type="checkbox"/> absent
Robert Anderson**	✓ present <input type="checkbox"/> absent		

* Jen Hoyt participated as the designee for State Fire Marshal, Peter Ostroskey.

** Dan Walsh participated as the designee for Chief of Inspections, Robert Anderson

General notes on format of these minutes

- These minutes represent general points of discussion by members and audience participants during the regular meeting session. The minutes are not intended to be a verbatim account of discussions.
- Votes are noted as **MOTION** by, seconded by, and whether it was a unanimous or split vote.
- Agenda topics as numbered may be in the same order as they appear on the meeting agenda.
- The meeting agenda is listed as **EXHIBIT A**; others are listed sequentially as addresses during the meeting.

1. **BBRS Minutes.** On a **MOTION** by Kerry Dietz seconded by Steve Frederickson it was six in the affirmative one abstention to approve the minutes for the January 8, 2019 Board of Building and Regulations and Standards (BBRS) meeting as submitted. (**EXHIBIT B**).
2. **BOCC Minutes.** None this meeting.
3. **Review** status of Town of Douglas building code enforcement official appointment. Dan Walsh informed the Board that Administrator, Matthew J. Wojcik emailed that Kimberly Spencer January 29, 2019 the Town had made an appointment and the paperwork is in process and will sent next week.

4. **Review** the 2018 International Energy Conservation Code (IECC) as modified by Massachusetts proposed amendments, inclusive of the Stretch Energy Code, in accordance with Massachusetts General Law (MGL) c143, §94(o). The 2018 IECC may be viewed @ <https://codes.iccsafe.org/content/IECC2018P2>. Chairman Couture recognized Ian Finlayson (Ian), Chair of the Energy Advisory Committee (EAC) to review the proposed Massachusetts amendments to the 2018 IECC (**EXHIBIT C**). Ian indicated EAC has gone through and vetted the proposals enclosed with today's meeting agenda. Ian began by describing the commercial code proposed modifications and he explained Section C103.2 adds Solar Ready roof provisions and electric vehicle requirements and adds definitions which support both provisions. C401.2 describes code compliance options and ASHRAE has three. He explained that the Stretch Energy Code will stay the same and #2 accomplishes this. He suggested #3 leaves six paths to compliance. Kerry Dietz asked about labeling each compliance path and that doing so would make it easier for the users of the code. Ian thought this could be accomplished. Ian then spoke about C401.2.3 updates the way to track energy usage and C401.2.4 impacts the Stretch Energy Code Appendix G and it proposes to include multifamily buildings. Kerry Dietz asked how the numbers in Table 401.2.3 were determined. Ian said each is an average based on calculations. IECC 402.3 now has Appendix CA for Solar Ready provisions. The added language to C402.4.1 intends not to have exterior wall areas surrounding mechanical equipment on roofs included in the area calculation. Kerry Dietz suggested the section may result in designs which reduce the number/size windows in certain circumstances. Ian spoke about C402.6 is updating COMcheck version and explained the Fed. Folks will update the online version for Massachusetts after the board adopts. Ian said C405.2.2.1 takes away the manual light switch option, and this proposal came from public comment. He suggested the virgin language would require a light switch to each office. Ian explained C405.3.2 triggers daylight control and the intent is so ICC, and ASHRAE are the same, and ASHRAE has recently updated the numbers, and as a result DOER will be offering additional updates. C405.4.2 is a Mass Save proposal to simplify the table. Kerry Dietz asked when building officials would review this information. John Couture and Steve Fredrickson suggested each rely on the licensed architect or engineer. Richard Crowley expressed concern that the proponents of the amendment have not offered compelling reasons for the change. Ian explained C405.9 provided electric vehicle ratios. John Couture suggested some of these belong in the wiring code. Jen Hoyt suggests defining the term "premises" and maybe developing a guidance document would help the users. Richard Crowley asked whether the proponents of the proposals were taking them to the ICC. Ian spoke about one of the recommendations having a similar language is before the ICC. Ian explained C406.1 expands options for wood framed and renewable heating. C407.1 is the ICC all performance path and gives Stretch Code provisions. Richard Crowley expressed concerns that the proposal eliminates options for designers. Kerry Dietz said the proposed layouts are confusing and suggested striking the existing sections and introducing a new section would be an easy way to fix. C407.2 allows compliance using the Stretch Energy code and the same language is in the residential provisions. C502.2.7 adds electric vehicle charging requirements for existing buildings. Chapter 115 carries forward the stretch energy code provisions in the 9th edition.

Ian explained the residential energy code proposals carried forward the stretch code language and indicated that DOER would likely be back with changes later this year. Chairman Couture recognized

John Nunnari who spoke about adopting the IEGCC might offset the need for the stretch energy code. Ian explained R103.2 proposes electric vehicle charging and solar ready zones on roofs. Table R402.4.1.1 adds standards for insulation installations requirements. John Couture suggested the three paths are confusing and asked for EAC to simplify the formula. He encouraged Ian to have the EAC determine an average house ventilation rate per square foot and proposing it would simplify the requirement for the users of the code. Richard Crowley supports EAC simplifying the formula. Ian explained R404.2 provides electric vehicle ratios and read through Table R404.2 and described each requirement. He explained that Table R406.4.1 has been carried forward from the 9th edition and that Mass Save offers incentives. Ian explained R407 provides 3 compliance options, and has been offered by Mass Save. John Couture suggested striking the oil efficiency provision in R407.2 because 95% efficiency oil units are not available. Ian spoke about the electric vehicle charging equipment requirements for the existing residential buildings provisions and the solar ready provisions in Appendix RA. Lastly, Ian spoke about adding DOE to the reference standards section. Ian indicated he would take the feedback and suggestions to the EAC and finalize the document. John Couture requested the adjusted version be available two weeks before the next meeting. Ian did not think this would be a problem.

5. **Discuss** progress relating to the next edition of 780 CMR.

- Coastal Zone Subgroup
- Building Official Certification Committee (BOCC)
- Others as necessary

Dan Walsh explained all the sub-committees have been meeting regularly and making progress. The Board discussed creating a Coastal Zone Subcommittee to look at the Mass amendments for Coastal Dunes and the Coastal A Zone. Representatives from DCR in attendance expressed interest in participating and suggested calling it the Floodplain Subgroup would be better capture the intent. Richard Crowley expressed interest in participating and Chairman Couture assigned Richard Crowley the group and said Richard Crowley is to decide the subcommittee makeup. The board also recognized the BOCC would consider section 110.R7 and offer any changes. Consensus of the Board members is to move these forward. Chairman Couture appointed Richard Crowley Floodplain Subgroup chairman.

6. **Discuss** progress of the Manufactured Buildings Study Group. Dan Walsh explained the study group met January 25th and decided to explore the 8th edition 110.R3 language to see if any of it would be offered for the 10th edition.

7. **Discuss** approval of new CSLs issued. This information not available for this meeting.

8. **Discuss** CSL Average Passing Score\Medical\Military\Age or Continuing Education Requirements.

- Medical Thomas Conley - CS-052433

Discussed moving forward Mr. Conley's renewal.

9. **Executive Session (Closed Session)** – Discuss strategy with respect to pending litigation per M.G.L. c. 30A, s. 21. Motion to enter an executive session by Steve Frederickson, seconded by Richard Crowley; John Couture yes, Susan Gleason yes, Jen Hoyt yes, Dan Walsh yes, Cheryl Lavalley yes, Steve Frederickson yes, Richard Crowley yes, Kerry Deitz yes.
10. **Discuss other matters not reasonably anticipated 2 business days in advance of meeting.**
None offered.

EXHIBITS:

- A. Meeting Agenda.
- B. Minutes for the January 8, 2019 Board of Building and Regulations and Standards (BBRS) meeting.
- C. Proposed Massachusetts amendments to the 2018 IECC.