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Board of Building Regulations and Standards (BBRS)

COASTAL SUBGROUP MEETING

January 4, 2022, Meeting Minutes

1:00 p.m.

This was a virtual Microsoft Teams meeting.

Roll Call:

BBRS Richard Crowley, Group Chair	√ present 0 absent	PJM David Macartney	√ present 0 absent
CZM Lisa Berry Engler	√ present 0 absent	Steve Mague	0 present √ absent
CZM Rebecca Haney	√ present 0 absent	AIA Andrew Kollar	√ present 0 absent
DCR Joy Duperault	√ present 0 absent	SEMBOA Mike Clancy	0 present √ absent
DCR Eric Carlson	√ present 0 absent	NAIOP Katie T. Moniz	√ present 0 absent
DEP Lealdon Langley	√ present 0 absent	NAIOP Jamie M. Fay	√ present 0 absent
HBRA John Bologna	√ present 0 absent	ISD Jim Kennedy	√ present 0 absent

Chairman Crowley opened the meeting @ approximately 1:04 p.m. by taking roll call.

General notes on format of these minutes

- *These minutes represent general points discussed during the meeting. The minutes are not intended to be a verbatim account of discussions.*
- *Agenda topics as numbered may not 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.*

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1. **Vote/Discuss Draft Meeting Minutes.** On a **MOTION** by Jim Kennedy, seconded by Lealdon Langley, it was unanimously **VOTED** by **ROLL CALL** to approve the December 17, 2021, meeting minutes as amended (**EXHIBIT B**). John Bologna, David Macartney, and Katie Montiz abstained. Jamie Fay added to the 3rd paragraph on page two; it was also agreed to revisit this section. Rebecca Haney offered additional language to item 3 to the end of the 1st paragraph; that differs from the map published by FEMA.
 2. **Review** Coastal A Zone BLENDED Findings_Final Draft 01_04_2022 (**EXHIBIT C**). The group voted the document as a whole and voted the two exceptions in the Recommended Amendments section on page 6 separately.

On a **MOTION** by John Bologna, seconded by Andrew Kollar, it was a unanimous **VOTED** by **ROLL CALL** to approve the Coastal A Zone BLENDED Findings_Final Draft 01_04_2022 document. On a **MOTION** by Joy Duperault, seconded by Andrew Kollar, it was a unanimous **VOTED** by **ROLL CALL** to approve exception 1 to the



Recommended Amendments. On a **MOTION** by Joy Duperault, to approve exception 2 to the Recommended Amendments and seconded by David Macartney, the motion failed by majority **VOTE** by **ROLL CALL**. John Bologna, Katie Moniz, Jamie Fay, David Macartney, and Chairman Crowley voted in favor. Joy Duperault, Lisa Engler, Rebecca Haney, Lealdon Langley, Eric Carlson, Andrew Kollar, and Jim Kennedy voted in the negative.

3. **Discuss/Vote** review of the 2021 International Building Code and the International Residential Code. The group discussed Appendix G (**EXHIBIT C**). On a **MOTION** by Joy Duperault, seconded by John Bologna, it was unanimously **VOTED** by **ROLL CALL** to recommend to the BBRS not adopt the Appendix G provisions in the 2021 IBC. The discussion included Rebecca Haney explaining how communities will still be able to utilize the National Flood Insurance Program.

The group discussed a Pile Caps definition offered by Eric Carlson (**EXHIBIT D**). Some expressed concerns that the definition complicates design arranging piles in clusters and, if adopted in its current form, will complicate some designs that allow dune migration. Chairman Crowley tabled further consideration.

Next, the group reviewed the Mass Amendment flood definitions in the IBC Chapter 2 (**EXHIBIT E**). On a **MOTION** by John Bologna, seconded by Andrew Kollar, it was unanimously **VOTED** by **ROLL CALL** to approve the Mass Amendments related to flood construction as presented.

Next, the group reviewed the Mass Amendment flood requirements in the IBC Chapter 1603 (**EXHIBIT F**). On a **MOTION** by John Bologna, seconded by Andrew Kollar, it was unanimously **VOTED** by **ROLL CALL** to approve the Mass Amendments related to flood construction as presented.

The group discussed IBC 1612.4 (**EXHIBIT G**) and agreed to have staff insert the first recommended exception as an amendment from the Coastal A Zone BLENDED Findings_Final Draft 01_04_2022 document. On a **MOTION** by David Macartney, seconded by John Bologna, it was unanimously **VOTED** by **ROLL CALL** to have staff strike references to coastal A zone in Section 1612.4.

The group discussed IBC Section 1804 but tabled for some updates discussed during the previous meeting to be added to it.

The group discussed Mass Amendment Appendix G (**EXHIBIT H**) and Eric Carlson's to add grade beams or slabs to Section G301.4. Some expressed concerns about the proposed requirements. Others talked about the proposed text are in the Wetland Protection requirements. Chairman Crowley tabled the discussion on the proposed text. On a **MOTION** by John Bologna, seconded by Andrew Kollar, it was unanimously **VOTED** by **ROLL CALL** to recommend that the BBRS carry forward into the 10th edition of the Mass. Amendment Appendix G provisions. Lisa Engler abstained.

On a **MOTION** by Lealdon Langley, seconded by David Macartney, it was unanimously **VOTED** by **ROLL CALL** to let the BBRS know that the Coastal Subgroup will be considering Eric Carlson's proposed changes and the group will send the outcome of this effort.

The group discussed the flood requirements in the IRC Chapter 1 (**EXHIBIT I**). On a **MOTION** by John Bologna, seconded by Andrew Kollar, it was unanimously **VOTED** by **ROLL CALL** to recommend that the Mass Amendment flood requirements be carried into the 10th edition.

IRC Chapter 3 (**EXHIBIT J**) On a **MOTION** by Jim Kennedy, seconded by John Bologna, it was unanimously **VOTED** by **ROLL CALL** unanimously to recommend Chapter 3 as amended. The discussions included John Bologna offering that 322.1 General needs a reference to Coastal A Zone, and Joy Duperault proposed adding Coastal A Zone to 322.1.4. David Macartney offered that Section R322.1.4 #3 should be repeated and change V Zone to Coastal A Zone. Eric Carlson talked about this change will cause the need to make several additional changes. He agreed to work with David Macartney and John Bologna to identify the other changes needed.

4. **Adjourn.** On a **MOTION** by, Andrew Kollar, seconded by John Bologna, it was unanimously **VOTED** by **ROLL CALL** to adjourn the meeting @ approximately 3:03 p.m.

Exhibits

- A. Meeting agenda.
- B. Meeting minutes, December 17, 2021
- C. Coastal A Zone BLENDED Findings_Final Draft 01_04_2022.
- D. Chapter 2 IBC Pile Caps Proposed Definition.
- E. Chapter 2 12-17-2021 Working Draft.
- F. 2021 IBC Section 1603_ Flood Design Data Watermark 06-17-2021.
- G. IBC 2021 Section 1612 Flood Loads.docx 01 04 2022 Working Draft.
- H. APPENDIX G FLOOD-RESISTANT CONSTRUCTION IN COASTAL DUNES_9th Edition Based On 2015 IBC.
- I. Chapter 1 Coastal Subgroup 780 CMR 51.
- J. Chapter 3 Coastal Subgroup 2021 IRC Part III.