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MEETING MINUTES

A meeting of the *Fire Protection Fire Prevention Committee (FPFP) of the Board of Building Regulations and Standards* was held on:

March 16, 2022, beginning about 9:05 am. This was an in-person meeting.

Roll Call.

Michael Roescher, Chair present absent
Dave LeBlanc, Vice Chair present absent
Dan Walsh for the Commissioner present absent
Paul Donga present absent
Fredrick L. Tustin present absent

Louise Vera present absent
Alexander MacLeod present absent
Jacob Nunnemacher
for the Fire Marshal present absent
Joseph Castronovo present absent

1. Review March 2, 2022, draft meeting minutes (**EXHIBIT B**). Dan Walsh explained the version distributed with the meeting materials had been updated to incorporate some edits offered by Jen Hoyt before this meeting and was displayed for everyone to view. On a **MOTION** by Jacob Nunnemacher seconded by Joseph Castronovo, it was unanimously voted to approve February 16, 2022, minutes as amended. Louise Vera abstained.
2. Discuss\Vote of 2021 IBC Chapter 10 Section 1010.2.13 (**EXHIBIT C**). The group reviewed the tasks that BBRS gave the FPFP, which was to look at the differences between smoke and heat detection versus a Fire Sprinkler System and offer input on this item as these systems relate to Section 1010.2.13. Dave LeBlanc talked about fire sprinklers providing the best protection compared to Smoke Detection Systems and Heat Detection Systems and ranked these systems in this order. Joseph Castronovo talked about Smoke and Heat Detection Systems will send a deactivation notification to the electronics controlling the door operations before the Fire Sprinkler System would. Jacob Nunnemacher noted Section 907 doesn't prescriptively require Smoke and Heat Detection Systems for all the occupancies listed in Section 1010.2.13. He believes this section allows someone to install a system that does not conform to the prescriptive system requirements for smoke and heat detection systems. Some in the group noted that Section 1010.2.13 stipulates that the system (smoke, heat, or sprinkler) is required to have delayed egress. The provisions for incorporating delayed egress in a building egress design include additional requirements that collectively provide safety to the building occupants.



Next, the group discussed the task associated with the IBC Chapter 3 (**EXHIBIT D**). The BBRS assigned FFPF to identify the portions of these chapters that the Committee feels are within its technical expertise identify any implications and costs related to carrying out the technical requirements. The group identified Sections 306, 307, 310, and 312 as appropriate to review given the assigned tasks. After reviewing Section 306, no one offered any comments. The group review of Section 307 included a discussion on Section 307.1.1 #9. Some questioned whether it is clear enough that building designs, including energy storage systems exceeding quantities in 527 CMR, would need to include one of the High Hazard “H” classifications. Next, the group reviewed Section 310. Some spoke about Section 310.4 Residential Group R-3, and a One- and two-family house used to house transient occupants will be challenging to enforce. Some expressed that the same provision should be in the residential code. Some said the text “measured from the ground surface to top of post” Sections 312 related to fences creates confusion, such as the infill portions of a fence would not be considered part of the fence height. Some felt that the red font in Section 312.1.1 Greenhouses offers better clarification.

Next, the group discussed the task associated with the IBC Chapter 4 (**EXHIBIT E**). Jacob Nunnemacher talked about Jen Hoyt having sent to BBRS staff some proposed changes that were not incorporated into the Chapter 4 version before the group. A brief discussion ensued about the Chapter 4 version being utilized for this meeting is the rendering that the BBRS used to develop the tasks assigned to the FFPF. Some spoke about FFPF reviewing IBC Chapter 30 Elevators and Conveying Systems, which might impact Section 403.6.2. The group stopped its review of Chapter 4 at Section 413.

On a **MOTION** by Dave LeBlanc seconded by Paul Donga, it was unanimously voted to forward to the BBRS the comments on IBC Chapters 3 and 1010.2.13 that the group formulated during this meeting.

3. Adjourn. On a **MOTION** by Jacob Nunnemacher, seconded by Dave LeBlanc, it was unanimously voted to adjourn the regular meeting at about 11:55 am.

EXHIBITS:

- A. Meeting Agenda.
- B. FFPF 03 02 2022 Meeting Draft Minutes.
- C. 2021 IBC CHAPTER 10 6 8 2021 DRAFT.
- D. 2021 CHAPTER 3 5 11 2021 DRAFT (2).
- E. 2021 IBC Chapter 4 3 9 2021 Draft.