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STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
STATE BUILDING CODE COUNCIL

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

State Building Code Council (SBCC) Meeting
Tuesday, March 20, 2018
9:00 a.m.

Department of Accounting and General Services
Comptroller's Conference Room 410
Kalanimoku Building
1151 Punchbowl Street
Honolulu, Hawaii 96813

West Hawaii Civic Center
Building "E", First Floor
74-5044 Ane Keohokalole Highway
Kailua-Kona, Hawaii 96740

Telephone Call-In – 1-240-454-0879 Access Code: 93910315

Minutes

1. Call to Order Chair Johnson call the meeting to order at 9:03 a.m.
2. Introductions and Public Comments
 - a. Chair stated he received an email request regarding a 100 year-old home that was renovated and the building permit closed. They received a notice of violation for setback requirements. Member Haigh stated that they (county building officials) allow setback requirements at the time of the original permit, and not retroactively apply to the current requirements.
 - b. Members discussed when re-roofing a home, the sheathing would only need to comply with the International Energy Conservation Code for existing buildings.

- c. Chair received and responded to an email asking if the International Building Code (IBC) 2012 edition had been adopted. He will contact the DAGS website coordinator to update the SBCC site.
 - d. Representative Lee's office contacted the chair to discuss House Concurrent Resolution 242 that requested the SBCC to require parking facilities to have at least two parking stalls that have electric vehicle charging stations. Parking facility requirements are a zoning, and not a building code requirement. Creating a larger energy load for a building does not save energy. Chair will forward to the county building officials for comment.
3. Review and approval of minutes of the February 20, 2018 meeting.

Motion: Member Haigh motioned to approve the February 20, 2018 meeting minutes. The motion was unanimously approved.

4. Discussion of Administrative Coordination

Chair met with Meoh-Leng Silliman, DAGS Administrative Services Officer, and David Kenard, State Hazard Mitigation Officer at the Hawaii Emergency Management Agency, regarding the Federal Emergency Management Agency grant that would be used to approve the IBC 2012 edition that would include high resolution wind maps and standardized forms, without the adoption of administrative rules. Sixty thousand dollars would be available, with no matching funds needed. The outcome is pending.

5. Discussion of 2018 Legislation

Chair distributed his written SBCC testimony on Senate Bill 3006, Senate Draft 1, that proposes to use design standards of the most cost effective national code for State projects, as long as it does not negatively impact public safety and health, and is approved and adopted by the council. The SBCC discussed alternative codes that are not known, using the entire alternative code and not piecemeal requirements between codes. The bill does not change anything the SBCC can already do.

6. Discussion and Possible Decision to the Public Proposal to Amend the Proposed Amendment to the Uniform Plumbing Code (UPC) of the 2012 Edition

Members discussed the history and use of alternative codes and the proposal submitted by Dwight Perkins of the International Association of Plumbing and Mechanical Officials, to remove the amendment to allow the use of the International Plumbing Code (IPC) as an alternative code to the UPC 2012 edition, with certain restrictions. There are a number of issues for and against

this amendment. Some reasons for it include the IPC is the most widely adopted national plumbing code, greater design flexibility, lower construction costs, and it is harmonious with the other family of International Building Codes. Reasons against include no other discipline is simultaneously regulated by two different codes, licensed plumbers and contractors are certified by taking exams based on the UPC, the use of the IPC will be allowed without any review or amendments as has been done to the UPC, all building codes already allow the use of alternative materials and methods when approved by the authority having jurisdiction, and if allowed, would the SBCC review and approve the use of the IPC since the amendment is in the State code. A more comprehensive list of pros and cons can be found in a Service Request and Response from the County of Kauai, Department of Public Works, dated September 7, 2017.

Motion: Member Rogers motioned to accept the proposal to remove the amendment that would allow the use of the (IPC) as an alternative code instead of the UPC, with certain restrictions.

The motion was not approved. The votes were as followed:

Four Ayes: Members Rogers, Reinhardt, Serikaku, Wiig.

Five Nays: Vice Chair Nishigata, Members Ueno, Haigh, Cheng, Dillon.

Abstain: Chair Johnson

Not Present: Member Mendoza

7. Discussion and Possible Decision to the Public Proposal to Amend the Parking beneath Group R Occupancies to the Uniform Building Code 2012 Edition

Members discussed the amendment proposal submitted by Tien Peng of the National Ready Mix Concrete Association, to Section 510.4 Parking beneath Group R, from the IBC 2012 edition by revising the measurement of the number of stories to be used in determining the minimum type of construction from the lowest grade of fire service access instead of the current requirement measured from the floor above such a parking area. The primary issue for this amendment is that the number of stories used in determining minimum type of construction should be measured from the grade plane to meet the intent of the National Fire Protection Association's sprinkler system design per 903.3.1.2 for R Occupancies of the IBC 2012 edition. Member Haigh stated that the national technical code committee, where code requirements are vetted by various stakeholders, should be the ones that enact revisions. Assistant Chief Socrates Bratakos stated that code revisions are sometimes initiated by local jurisdictions and suggested members support the proposed amendment for the safety of building occupants and firefighters.

Motion: Member Rogers motioned to accept the proposal to require the number of stories to be measured from the lowest grade of fire service access. The votes were as follows:

Six Ayes: Chair Johnson, Members Rogers, Wiig, Serikaku, Reinhardt, Dillon.

Four Nays: Vice Chair Nishigata, Members Haigh, Ueno, Cheng

Not Present: Member Mendoza

There was a discussion on the statute requirement for any code amendment to have a unanimous agreement by the Subcommittee of Building Officials (SBO). Chair will have the SBO discuss at their next meeting.

8. Discussion of Americans with Disabilities Act Accessibility (ADA) Requirements

Member Haigh stated that an amendment for compliance with ADA requirements was not included in the IBC 2012 edition. Members reviewed a handout of an amendment proposal to include ADA requirements.

Motion: Member Wiig motioned for the SBO to review and consider such an amendment at their next meeting. The motion was unanimously approved.

9. Discussion and Possible Decision Making to Provide Alternatives and Justifications for not Requiring Residential Sprinklers in New One- and Two-Family Dwellings

Members reviewed a handout of a proposal to amend Section R313.2 of the IRC 2012 edition to delete the requirement to install fire sprinklers in any new or existing one- and two-family dwellings, except as a variance from access road or firefighting water supply requirements or nonresidential agricultural and aquacultural buildings, and citing Hawaii Revised Statutes 46-19.8, which has the same requirements effective until the year 2027.

Members discussed justifications for this amendment, whether or not this would apply to R-4 occupancies, and whether the SBCC should include this amendment at the State level. Member Reinhardt stated the investigative committee that is reviewing IRC 2018 edition is planning to leave in the sprinkler requirement, along with a definition of one- and two-family dwellings. The submittal of permit plans for very large homes with numerous bedrooms and baths has brought this to light. Members should also review the requirements from the IBC Section 903.2.8 Group R occupancies.

Motion: Member Wiig motioned for the SBO to consider this amendment at their next meeting. The motion was unanimously approved.

10. Updates from the investigative committees:

- a. Investigative committee for the structural provisions for the IBC and the IRC

Updated wind maps are being worked on for the 2018 editions.

- b. Investigative committee for the non-structural provisions of the IBC and the IRC.

The AIA Hawaii submitted its amendment justifications for the 2012 editions.

- c. Investigative committee for the International Energy Conservation Code (IECC)

Member Wiig passed out a flyer on the IECC 2015 edition training sponsored by the Hawaii State Energy Office and being held April 16-23, 2018, that will highlight new requirements for commercial and residential buildings.

- d. Investigative committee for the Uniform Plumbing Code

The new 2018 code books have arrived.

- e. Investigative committee for the Green Code

No report.

- f. Investigative committee for the Mechanical Code

Member Rogers contacted the person from the Air Conditioning Ventilation Section of the State Department of Health to review a list of reasons dated February 16, 2018, for adopting the International Mechanical Code that was submitted by Kevin Luoma . He indicated he would like to attend a future meeting.

- g. Investigative committee for the State Fire Code

No update

- h. Investigative committee for the energy efficiency code coordination

No update

- i. Investigative committee for the State Electrical Code

No update

11. Update on communication and training

- 1) As stated previously, IECC training is being held in every county from April 16-23, 2018 on each county.
- 2) The Hawaii Association of County of Building Officials will hold their annual conference on Maui from May 2-3, 2018.

12. Update on county and state adoption of building codes

Each county is proceeding with the adoption of the IECC.

11. Discussion of possible agenda item(s) for next Council meeting

12. Announcements

13. Next meeting: April 17, 2018, at 9:00 a.m.

14. Adjournment

Motion: Member Haigh motioned for the SBO to adjourn the meeting at 11:50 a.m. The motion was unanimously approved.