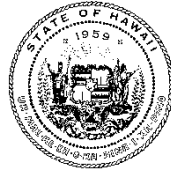


DAVID Y. IGE
GOVERNOR

JOSH GREEN
LT. GOVERNOR



Curt T. Otaguro
Comptroller

AUDREY HIDANO
Deputy Comptroller

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, April 21, 2020
9:30 a.m.

<https://department-of-health.zoom.us/j/609772591>

Or

+1 669 900 6833 (US Toll) or +1 346 248 7799 (US Toll)

Meeting ID: 609 772 591

International numbers available: <https://department-of-health-hawaii.zoom.us/j/609772591>

Minutes

Howard Wiig	SBCC Chair Hawaii State Energy Office
Douglas Haigh	SBCC Member County of Kauai
Willard Nishigata	SBCC Member City and County of Honolulu Department of Planning and Permitting (DPP)
Lloyd Rogers	SBCC Member State Fire Council (SFC)
Gregg Serikaku	SBCC Member Subcontractors Association of Hawaii
Neal Tanaka	SBCC Member Hawaii County Department of Public Works County of Maui Department of Public Works
Richard Myers	SBCC Member American Institute of Architects (AIA)

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Lyle Carden	SBCC Member Structural Engineers Association of Hawaii (SEAOH)
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Members Not Present:

Tyler Dillon	SBCC Vice Chair General Contractors Association (GCA) of Hawaii
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Dennis Mendoza	SBCC Member Department of Labor and Industrial Relations Elevator Division (DLIR)
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Glen Ueno	SBCC Member
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Other Attendees

Kymerly Marcos Pine	Councilmember City and County of Honolulu
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Stella Kam	Deputy Attorney General
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Kika Bukoski	Plumbers and Fitters Local 675
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Randall Moudy	Lendlease
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Gail Suzuki-Jones	Hawaii State Energy Office
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Kraig Stevenson	International Code Council
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Dwight Perkins	International Association of Plumbing and Mechanical Officials
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Mark Kennedy	Building Industry Association of Hawaii Haseko Project Manager
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Tim Waite	Simpson Strong-Tie Company
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1. Call to Order: The Chair called the meeting to order at 9:32 a.m.

2. Introductions and Public Comments

Councilmember Kymberly Marcos Pine stated that as a City Council member representing the district with the lowest income level on Oahu, she is interested in what are known as “Tiny Homes” as one solution to housing affordability in Hawaii. Because of the even harsher economic times during the COVID 19 pandemic, she is looking at affordable units for residents, including health care workers who don’t want to expose their family members, and to address our homeless population.

Member Tanaka stated that Hawaii County is working on issues with zoning issues, seismic, wind load, and tiny homes on wheels. Member Haigh stated that the County of Kauai has adopted International Residential Code 2018 edition tiny home requirements in Appendix Q. Kauai County has also been making changes for zoning, minimum square footages, and allowing kitchen facilities in guest homes. In addition, what would be the infrastructure requirements for water supply and wastewater? The use of a septic tank for wastewater could cost \$20,000. Chair stated that Member Ueno reported that Maui County does not have any specific ordinances regarding tiny homes. Member Nishigata stated that Honolulu County has not addressed this issue.

Member Rogers stated residential fire sprinklers may be one way to meet requirements and provide lower costs for fire department water supply and road access. Member Carden stated that the high wind areas of the State must use the requirements determined for the International Building Code for the International Residential Code. Impact resistant windows and solar heat gain requirements must be incorporated. In order to prevent duplication of design, it was proposed that structural drawings could be designed for an envelope of different conditions around the state, for example for a design wind speed of 160 mph for wind-born debris and similarly high seismic requirements, which may not be intended to meet 100% of locations around the state, but could satisfy the conditions for 75% of the locations around the State. This way each individual location would not need independent structural design except for foundation conditions.

Frank Rogers, a tiny homes distributor, stated that the tiny homes he distributes range in size from 120 to 400 square feet. The smaller units do not have plumbing or electrical and are more like storage units with a cost of \$12,000. The 400 square foot units allows permitted electrical, plumbing and sewage. The units can be constructed in 2-3 days and could be placed on lots with existing homes as accessory dwelling units.

3. Review and approval of the minutes of the February 18, 2020

Motion: Member Haigh motioned to approve the February 18, 2020, meeting minutes. The motion was seconded by Member Carden and unanimously approved.

4. Update on the State Plumbing Code from the Subcommittee of Building Officials (SBO)

Member Nishigata reported that the SBO approved the State Plumbing Code amendments at its meeting this morning. The amendments will be finalized by Member Serikaku and distributed for review to the SBCC members and stakeholders prior to the next meeting.

5. Discussion on the Federal Emergency Management Agency (FEMA) Grant Management Cost Program

Member Carden explained that the FEMA grant is comprehensive and needs to have cost shares for time spent by consultants and SBCC members on building code adoption work, including grant administrative work by sub-grantees. Member Haigh discuss desire to expand the grant to include more comprehensive code development assistance in the grant, covering not just structural but non-structural IBC and other code developments. Member Carden will investigate and discuss options with HIEMA.

6. Updates from the Investigative Committees:

a. Investigative committee for the Structural Provisions for the IBC and the IRC 2018 Editions

There no updates.

b. Investigative committee for the Non-Structural Provisions of the IBC and the IRC 2018 Editions

Member Myers stated he is in need of assistance in finalizing the non-structural amendments. Member Carden volunteered to assist.

c. Investigative committee for the International Energy Conservation Code (IECC) 2018 Edition

Chair stated that the amendment proposals for the IECC has very few changes since the previous edition. Some lighting requirements were made more stringent. Any amendment ideas would be welcome.

- d. Investigative committee for the Uniform Plumbing Code 2018 Edition

See item #4 above.

- e. Investigative committee for the Green Code 2018 Edition

There were no updates.

- f. Investigative committee for the Mechanical Code

There were no updates.

- g. Investigative committee for the State Fire Code (National Fire Protection Association 1 Fire Code 2018 Edition)

Member Rogers reported that a SBCC stakeholder provided comments related to an appendix that was inadvertently omitted from the proposed amendments. The SFC staff is working on incorporating the appendix and will submit it for the SBCC's review before proceeding.

- h. Investigative committee for the Energy Efficiency Code Coordination

There was no update.

- i. Investigative committee for the State Elevator Code

There was no update.

- k. Investigative committee for the International Existing Building Code 2018 Edition

There was no update.

- l. Investigative committee for Boiler and Pressure Vessels

There was no update.

m. Investigative committee on Health Care Facility Guidelines

There was no update.

7. Update on communication and training

- a. Online training on the residential section of the IECC 2015 edition will be conducted by Eric Kolderup on April 29, 2020. It is being sponsored by Hawaii Energy and co-sponsored by the U. S. Green Building Council and the American Institute of Architects of Hawaii.
- b. William Giese, executive director of the Hawaii Solar Energy Association, which is the largest and oldest non-profit solar industry trade group in Hawaii and has over 100 members. They would like the counties to standardize and streamline their solar permitting process.
- c. Chair stated that there will be an illumination webinar on lighting that can potentially kill viruses and could be beneficial in health care environments.

8. 2020 Legislation

Before the suspension of the 2020 legislative session due to COVID 19 mandates, there were a few bills related to the SBCC. One or more dealt with providing appropriations to the SBCC, which has never been funded since its formation in 2007.

9. Update on county and state adoption of building codes

Hawaii plumbing, electrical, and building codes are in varying stages of adoption at the county level. Honolulu's Bill 50, which adopts the IBC 2012 edition and Bill 25, which adopts the IECC 2015 edition is still pending,. Kauai County is working on the 2018 IBC and IRC.

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

The proposed State Plumbing Code amendment package will be discussed and possibly voted upon, pending distribution with sufficient time for review by the SBCC members and stakeholders.

11. Announcements

12. Next meeting: The next meeting will be planned for May 19, 2020, at 9:00 a.m.

13. Adjournment

Motion: Member Tanaka motioned to adjourn meeting 11:05 a.m. The motion was seconded by member Nishigata and unanimously approved