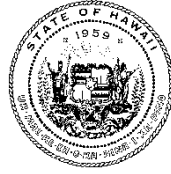


DAVID Y. IGE
GOVERNOR

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, July 16, 2019
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

Howard Wiig	SBCC Chair Hawaii State Energy Office
Tyler Dillon	SBCC Vice Chair General Contractors Association (GCA) of Hawaii
Willard Nishigata	SBCC Member City and County of Honolulu Department of Planning and Permitting
Glen Ueno	SBCC Member County of Maui
Richard Meyers	SBCC Member American Institute of Architects (AIA)

Lloyd Rogers	SBCC Member State Fire Council (SFC)
Gregg Serikaku	SBCC Member Subcontractors Association of Hawaii
Lyle Carden	SBCC Member Structural Engineers Association of Hawaii (SEAOH)
Neal Tanaka (phone in)	SBCC Member Hawaii County Department of Public Works
Douglas Haigh	SBCC Member County of Kauai

Members Not Present:

Dennis Mendoza	SBCC Member Department of Labor and Industrial Relations Elevator Division (DLIR)
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Other Attendees

Stella Kam	Deputy Attorney General
Mark Kennedy	Building Industry Association of Hawaii Haseko Project Manager
Kraig Stevenson (phone in)	International Code Council (ICC)
Bill Brizee (phone in)	AHL Design
Ryan Kobayashi	Laborers Local 368
Sehun Nakama	Hawaii State Energy Office
Kika Bukoski	Plumbers and Fitters Local 675
Chris Cunningham	City and County of Honolulu Climate Change, Sustainability and Resiliency
Gail Suzuki-Jones	Hawaii State Energy Office

Keith Kido	Tileco Inc.
Leanne Ogata	Tileco Inc. Trust Fund
Miles Ushio	State Department of Accounting and General Services (DAGS) Technical Services Office

1. Call to Order Chair called the meeting to order at 9:04 am
2. Introductions and Public Comments
 - a. Bill Brizee stated that the SBCC energy committee should consider the 2030 Zero Code standard for new building construction, which integrates cost-effective energy efficiency measures with on-site and/or off-site renewable energy resulting in Zero-Net-Carbon buildings.
 - b. Kika Bukoski submitted a letter from the Plumbers and Pipefitters Local 675 commenting on a statement made by Member Haigh at the June 18, 2019, SBCC meeting regarding the International Residential Code (IRC) 2018 edition, where Member Haigh stated the IRC contains provisions from the International Plumbing Code 2018 edition, which would become the default state residential code if it is not amended, and would result in a conflict with the Uniform Plumbing Code. Mr. Bukoski requested the SBCC to take action to prevent this conflict and if no action is taken, he believed that the provisions within the IRC as published would address this conflict and defer to local, state, and federal law as they apply, which would recognize the Uniform Plumbing Code as the controlling code. Kraig Stevenson stated that the use of the word conflict is used to create an action of assumed incompatibility because there are divergent ideas and interests of persons. Mr. Bukoski stated that the use of the word conflict was the word used by Member Haigh to describe the inclusion of the provisions of the IPC if the IRC is not amended. Mr. Bukoski further requested that his written letter in its entirety, be included as part of the SBCC July minutes. Mr. Stevenson stated that there is not a conflict created between the UPC and the IRC plumbing provisions because HRS 107-25 names both codes in the statute, and no code takes precedence over the other code.
 - c. Chris Cunningham stated that as far as he knows there has been no change in the impact resistant requirements for windows and doors in the International Building Code (IBC) and the IRC. An engineered designed residence using the IBC or IRC provides more flexibility, but still requires impact resistant

windows and doors. Member Tanaka stated that the wood frame construction manual has high wind provisions and is referenced in the IBC and IRC.

- d. Chair distributed a handout with information on the advantages of safety and security film that is applied to glass that provides a barrier to wind-borne debris and has the ability to hold shattered glass fragments in place. Member Haigh stated that Miami-Dade County was the first in Florida to certify hurricane resistant standards for glass in structures. Other manufacturers provide anchored impact and shatter resistant glass systems that also reduces solar radiation admitted through glass.
 - e. Chair stated that the Hawaii Emergency Management Agency still has the Federal Emergency Management Agency's grant funds, but the State no longer has the 25% matching funds to update the wind maps. Member Haigh stated that private monies can be transferred to DAGS to fund the map upgrades, which is not that difficult to do. There was a discussion on the possibility of using DAGS in-house information technology staff to complete the project. Chair will request former SBCC member, Gary Chock to define the scope of work to allow DAGS a better understanding of their ability to complete the map updates.
 - f. Chair passed out information on key changes to the various International Code Council's codes 2018 edition. Member Tanaka requested copies of the various handouts that were being distributed.
3. Review and approval of the minutes of the June 18, 2019 meeting.

Motion: Member Haigh motioned to approve the June 18, 2019, meeting minutes. The motion was seconded by member Serikaku and unanimously approved.

4. Discussion of Administrative Coordination

Status of the Federal Emergency Management Agency Grant Procurement

See item 2. e. above.

5. Updates from the Investigative Committees:

- a. Investigative committee for the Structural Provisions for the IBC and the IRC

The committee has completed their amendment package to the IBC and IRC 2018 editions. The IBC references the International Existing Building Code (IEBC) for existing building. Some amendments to the IEBC will be made as part of the IBC amendment set. The IBC has live load requirements on lanais

and balconies that have been increased in recent code cycles to 1.5 times the adjacent interior design live load. The IRC planned to change the design live load to match the increased loads in the IBC but there was opposition to the change and it did not get approved. Currently, the SEAOH Building Code Committee has approved the requirement to design decks using the IBC with the increased loads. Kraig Stevenson commented that that the City of Seattle was a major player in bringing forward to code development the change to have 40 psf for lanais/balconies. The reasons given were that the use is the same as a deck, and 40 psf has worked. The 60 psf was considered more than needed. There had been no evidence that corrosion was an issue. The next step will be to merge the structural and non-structural amendments.”

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

The committee is working on drafting out the amendments to the IBC and the IRC and would like to have these as an attachment to the next Subcommittee of Building Officials (SBO) and SBCC’s agendas.

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

At the last SBCC meeting the Chair distributed the significant changes from the IECC 2015 and the 2018 editions. The committee plans to review the IECC 2018 edition and incorporate some the county amendments to the IECC 2015 edition.

- d. Investigative committee for the Uniform Plumbing Code

At its meeting today, the SBO requested the committee to draft amendments and justifications, including any cost saving measures, from any nationally published plumbing code. This would then be correlated with previously drafted UPC 2018 edition amendments. The committee will also review any licensing agreements necessary for using IPC provisions together with the UPC. Member Haigh requested that the plumbing investigative committee add members to have a balanced group of stakeholders with experience in the use of both plumbing codes. Member Dillon and Mr. Bukoski volunteered.

- e. Investigative committee for the Green Code

There was no update.

- f. Investigative committee for the Mechanical Code

There was no update.

g. Investigative committee for the State Fire Code

The State Fire Council has scheduled a meeting on July 18, 2019, to approve the proposed NFPA 1 Fire Code 2018 edition amendment package. This code still has to navigate through the administrative rules process before being adopted.

h. Investigative committee for the Energy Efficiency Code Coordination

Sehun Nakama stated that their next meeting will be on August 13, 2019. The committee does not plan to meet quarterly, but would meet as needed. They plan to meet soon with the Honolulu building officials.

i. Investigative committee for the State Elevator Code

There was no update.

j. Investigative committee for the International Existing Building Code (IEBC) and the Swimming Pool Code

The committee will be correlating the International Swimming Pool and Spa Code (ISPSC) with the Department of Health requirements. A suggestion was raised to separate the ISPSC and the IEBC into separate investigative committees.

k. Investigative committee for Boiler and Pressure Vessels

There was not update.

6. Update on communication and training

Training on the IECC 2015 edition and the county amendments will be conducted for all the counties. Honolulu City Council has scheduled a hearing on the IECC 2015 amendments on July 25, 2019.

7. Update on county and state adoption of building codes

Kauai County Council Public Works Subcommittee approved the UPC 2012 edition with county amendments. Hawaii and Honolulu counties will be adopting the IBC/IRC 2012 edition and Maui and Kauai will be adopting the IBC/IRC 2018 editions.

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

Contact the Chair or member Rogers for any possible agenda items.

10. Announcements

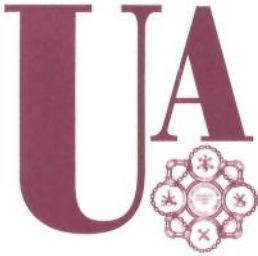
There were no announcements.

11. Next meeting

The next meeting will be held on August 20, 2019, at 9:00 a.m.

12. Adjournment

Chair adjourned the meeting at 10:44 a.m.



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PLUMBERS AND FITTERS LOCAL 675 UNITED ASSOCIATION



July 16, 2019

The Department of Accounting and General Service- State Building Code Council
Kalanimoku Building
1151 Punchbowl Street
Honolulu, Hawaii 86813

Re: 2018 International Building Code/ 2018 International Residential Code
Meeting Held: Tuesday, July 16, 2019 at 9:00 am

Aloha Chair, Vice-Chair, Members and Staff;

Chartered in 1919, the Plumbers and Fitters UA, Local 675 is one of the oldest organized labor unions in Hawai'i and one of three 'licensed' skilled-construction trades, steeped in a rich history as one of Hawai'i's construction-industry pioneers.

On behalf of Local 675, Business Manager Val Ceria, and its hard-working members and their families, we would like to thank the State Building Code Council (SBCC) for the hard work it does to maintain the integrity of Hawai'i's building codes, and would like to offer the following comments for your consideration and action.

In the recent SBCC meeting held on June 18, 2019, it was brought to the attention of the Council by the building official representing Kaua'i, that the 2018 International Residential (IRC) Code, published in August of 2017, could soon become the code of the state of Hawaii by default pursuant to §107-24(c) (HRS), as no action has thus far been taken to amend and/or adopt these codes.

Local 675 recognizes and agrees with the concern raised and conflicts this will create with other codes listed in §107-25 and hereby requests that appropriate action be taken by the SBCC to address and avoid such concerns and conflict(s) with other provisions of state law as required by §107-24(b), where it provides that the subcommittee of building county building officials shall make any "necessary" amendments to the codes and standards identified in section 107-25. We note specific concern and potential conflict as it pertains to §107-25(2).

However, should the SBCC choose to take no further action on this matter, we hold that pursuant to section R102.2 (Other Laws) found in the 2018 IRC¹, the plumbing code as identified in Hawaii Revised Statute 107-25(2) shall prevail as the recognized plumbing code of the state, notwithstanding the contents, amended or unamended, of the 2018 IRC referencing the International Plumbing Code.

Mahalo for the opportunity to provide this information for your consideration and action. Lastly, we request this communication be attached as a part of the minutes of the State Building Code Council's meeting held on July 16, 2019 unamended, in its entirety, and included as a matter of record for public view. Mahalo

¹ 2018 International Residential Code, Section R102.2, "The provisions of this code shall not be deemed to nullify any provisions of local, state or federal law.

