

State Building Code Subcommittee of Building Officials
Meeting
Tuesday, April 17, 2018
8:15 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 Attendee Access Code: 93910315

AGENDA

1. Call to order.
2. Introductions and public comments.
3. Review and approval of minutes of the September 19, 2017, meeting.
4. Discussion of proposed 2 amendments to the 2012 International Building Code and 1 amendment to the 2012 International Residential Code (see Attachment 1). Voting to forward amendments to the State Building Code Council may follow each discussion.
5. Discussion of proposed amendment from Subsection **510.4 Parking beneath Group R** of the 2012 International Building Code submitted by National Ready Mixed Concrete Association (NRMCA) (see Attachment 2). Voting to forward this amendment to the State Building Code Council may follow this discussion.
6. Next meeting: TBA
7. Adjournment.

Attachments 1 and 2

Attachment 1

Proposed Amendments to the 2012 IBC & IRC State Building Code Amendments (v5)

2012 IBC

Amendment (15) Group R Revision

(15) **“Group R**

Section 903.2.8 is revised by adding the following exception:

“Exception: In accordance with HRS 46-19.8 Fire sprinklers; residences, until June 30, 2027 no county shall require the installation or retrofitting of automatic fire sprinklers or an automatic fire sprinkler system in:

- (1) Any new or existing detached one- or two-family dwelling unit in a structure used only for residential purposes; and
- (2) Nonresidential agricultural and aquacultural buildings and structures located outside an urban area;

provided that this section shall not apply to new homes that require a variance from access road or firefighting water supply requirements.””

Justification: This change is required to be consistent with state law HRS-19.8 and includes the sunset date of such law.

New Amendment to be inserted between Amendment 22 and Amendment 23

“(22.5) Chapter 11 Accessibility

Accessibility. Chapter 11 is deleted in its entirety and replaced to read as follows:

“1101 Scope. Buildings or portions of buildings shall be accessible to persons with disabilities in accordance with the following regulations:

1. For construction of buildings or facilities of the state and county governments, compliance with Section 103-50 HRS, administered by the Disability and Communication Access Board, State of Hawaii.
2. Department of Justice’s Americans with Disabilities Act Standards for Accessible Design.
3. Housing and Urban Development recognized ‘Safe Harbors’ for compliance with the Fair Housing Acts design and construction requirements.
4. Other pertinent laws relating with disabilities shall be administered and enforced by agencies responsible for their enforcement.

Prior to the issuance of a building permit, the owner (or the owner’s representative, professional architect, or engineer), shall submit a statement that all requirements, relating to accessibility for persons with disabilities, shall be complied with.” “

Justification: This change acknowledges the Authorities with jurisdiction for accessibility requirements and their corresponding laws/regulation.

If you require an auxiliary aid or accommodation due to a disability, please contact (808) 586-0696 or email state.bcc@hawaii.gov by April 10, 2018.

2012 IRC

Amendment (24) R313.2 Automatic Fire Sprinkler Systems Revision

(24) R313.2 Automatic Fire Sprinkler Systems.

Section R313.2 is revised by adding the following to the Exception:

“In accordance with HRS 46-19.8 Fire sprinklers; residences, until June 30, 2027 no county shall require the installation or retrofitting of automatic fire sprinklers or an automatic fire sprinkler system in:

- (1) Any new or existing detached one- or two-family dwelling unit in a structure used only for residential purposes; and
- (2) Nonresidential agricultural and aquacultural buildings and structures located outside an urban area;

provided that this section shall not apply to new homes that require a variance from access road or firefighting water supply requirements.””

Justification: This change is required to be consistent with State law HRS-19.8 and includes the sunset date of such law.

Attachment 2



900 Spring Street, Silver Spring, MD 20910 USA | PHONE: 301.587.1400/888.84NRMCA | FAX: 301.587.1605

State of Hawaii
State Building Code Council
Department of Accounting and General Services
Office of the Comptroller
Kalanimoku Building
1151 Punchbowl Street
Honolulu, HI 96813

RE: Proposed Amendment to HI 2012 IBC Adoption

Dear Dr Gaur,

My name is Tien Peng, and I represent the National Ready Mixed Concrete Association (NRMCA). Thank you for the opportunity to submit this proposal to the Hawaii State Building Code Council. NRMCA is an industry association founded in 1930, and today represents an industry with more than 2,250 companies that employ more than 125,000 American workers who manufacture and deliver ready mixed concrete. The Association represents both national and local companies that operate in both congressional districts in the State of Hawaii.

Because of the relaxation in fire safety in provisions where sprinklers are present, the most egregious trade-off is one which will allow to increase in heights of a building limiting fire access and putting people in danger. NRMCA would like to propose a fire safety amendment in the 2012 code.

- a. **510.4 Parking beneath Group R.** "...the number of stories to be used in determining the minimum type of construction shall be measured from the ~~floor above such a parking area~~ lowest grade of fire service access.

Reason statement: The number of stories used in determining the minimum type of construction for buildings, including "pedestal" or "podium" construction should be measured from the grade plane to meet the intent of the NFPA sprinkler system designed per 903.3.1.2 for R Occupancies.

Thank you and the members of the committee for your consideration.

Sincerely,

Tien Peng

--

Tien Peng, Assoc AIA, LEED AP+, PMP
VP, Sustainability
National Ready Mixed Concrete Association
206-913-8535
www.nrmca.org