

State Building Code Subcommittee of Building Officials  
Meeting  
Tuesday, July 14, 2015

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 - 800-910-8278 then 6547519

**MINUTES**

1. Call to Order: 8:10 a.m.
2. Attendees (see attachment).
3. The Subcommittee and others in attendance continued the discussion (from last month's meeting) of various sections of a draft of Chapter 181 of Title 3, Hawaii Administrative Rules, entitled "*State Energy Conservation Code*", amending the "*International Energy Conservation Code, 2015 Edition*".

Regarding §3-181-14 Roof Replacement, Option 1 was unanimously selected by the four County Building Officials (see attachment).

Gregg Serikaku raised his concerns regarding "plumbing permit" being included in C103.1 and R103.1. Doug Haigh proposed revising C501.4 and R501.4 to address Gregg Serikaku's concerns. Eric Makela revised these two sections accordingly. Howard Wiig distributed Eric Makela's draft revisions (see attachment).

The Subcommittee approved the recommendations of the Investigative Committee for the 2015 International Energy Conservation Code with the aforementioned amendments.

4. Gaur Johnson representing the Structural Engineers Association of Hawaii (SEAOH) continued his presentation (from last month's meeting) of the investigative committee's proposed amendments to the 2012 International Building Code.

The Subcommittee meeting had to adjourn to allow for the 10:00 a.m. State Building Code Council meeting. A Subcommittee meeting will be scheduled next month to allow Gaur Johnson to continue his presentation.

5. Next meeting: Tuesday, August 11, 2015, at 8:00 a.m.

6. Meeting adjourned: 10:13 a.m

**Attachment:**

1. SBCC Subcommittee Attendee Sign-In Sheet
2. Page 181-11 of Chapter 181 of Title 3, Hawaii Administrative Rules
3. Draft amendment to C501.4 and R501.4 of 2015 IECC

# Subcommittee

STATE BUILDING CODE COUNCIL  
 Department of Accounting & General Services  
 Comptroller's Conference Room 410  
 1151 Punchbowl Street, Honolulu, HI 96813

DATE: 7/14

TIME: ~~9:00 a.m.~~ 8:10 a.m.

NAME	AGENCY	EMAIL
* Glen Ueno	County of Maui	glen.ueno@maui-county.gov
* Willard Nishigata	C+C of Honolulu	wnishigata@honolulu.gov
Gaur Johnson	SEAOH	gaur@hawaii.edu
Gail Suzuki-Jones	DBDOT - Energy Office	gsuzuki@dbedt.hawaii.gov
GREGG. SEZIKAKU	PAMCA - SAH REPRESENT	greggs@hawaii.rr.com
Glady's Marone	BIA - Hawaii	gfm@biahawaii.org
John Cheung	BIA - Hawaii	john@ccengineeringhawaii.com
* Doug Haugh	Kauai County	dhaugh@kauai.gov
Howard Wiig	State Energy Office	hwieg@dbedt.gov
TIM WAITE	HAWAII STEEL ALLIANCE	TWAITE@STRANSTE.COM
Shannon Alvirade	Gen. Contractors Assn of HI	shannon@gcahawaii.org
Craig Conner	self	craig.conner@mac.com
Mark Kennedy	BIA	mkennedy@haseko.com
Jim Reinhardt	AIA	reinhardt@architecturaldiagnostics.com
Socrates Bratakos	State Fire Council	sbratakos@honolulu.gov
on the phone:		
Kraig Stevenson		
Eric Makela		
* Ja. Ho Cheng.		

**Reason:**

Numerous studies indicate that sub-metering, combined with tenant access to consumption data, results in substantial energy use reduction and is cost effective.

**§3-181-14**

**§3-181-14 Roof Replacement.** Section C503.3.1 is amended to read as follows (note that options are provided for this amendment):

**Option 1**

**C503.3.1 Roof replacement.** *Roof replacements* shall comply with Table C402.1.3 or C402.1.4 where the existing roof assembly is uninsulated and is part of the building thermal envelope, and contains insulation entirely above the roof deck.

**Option 2**

**C503.3.1 Roof replacement.** *Roof replacements* shall comply with Table C402.1.3 or C402.1.4 where the existing roof assembly is uninsulated and is part of the building thermal envelope, and contains insulation entirely above the roof deck. ~~Roof replacements for low-sloped roofs shall also comply with Section C402.3.~~

**Reason:**

The proposed language will ensure that roofs for existing buildings that are currently not insulated will meet the requirements of the IECC as part of a roof replacement. This will increase the efficiency of the commercial buildings. Option 2 requires that the roof system also meet the cool roof requirements in the code as part of roof replacement.

**§3-181-15 General.** IECC section R103.1 is deleted in its entirety and replaced with the following:

**"R103.1 General.** When the requirements in this code apply to a building as specified in Section R101.4, plans, specifications or other construction documents submitted for a building, electrical or plumbing permit required by the jurisdiction shall comply with this code and shall be prepared, designed, approved and observed by a design professional. The responsible design professional shall provide on the plans a signed statement certifying that the project is in compliance with this code.



**Revised UPC Language.**

**Eric Makela** to: Howard Wieg, 'Gail Suzuki-Jones (gsuzuki@dbedt.hawaii.gov)'

Cc: Doug Haigh

07/14/2015 09:14 AM

History: This message has been replied to.

Eric Makela	Revised UPC Language
Gail Suzuki-Jones	<i>Thanks, Eric - I'll take this back to the meeting this am - I think that the "respectively ..." port</i>

All,

I wanted to make sure that I captured this correctly for the changes to C501.4 and the applicable residential section.

*C501.4*

*C501.4*  
 C501.4 Compliance. Alterations, repairs, additions and changes of occupancy to, or relocation of, existing buildings and structures shall comply with the provisions and regulations for alterations, repairs, additions and changes of occupancy or relocation for the authorities having jurisdiction. ~~respectively, in the International Building Code, International Fire Code, International Fuel Gas Code, International Mechanical Code, International Plumbing Code, International Property Maintenance Code, International Sewage Disposal Code and NFPA-70.~~

If you can let me know if this is what was agreed upon I would appreciate it.

Also - I checked the reference for Solar Water Heating and the Section number was correct that we put in the document.

Thanks

Eric

Eric Makela, Partner  
Britt/Makela Group