

April 24, 2024 – Ewa Beach, Hawaii

#### **2018** I-codes with Hawaii amendments



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October 3, 2017 – Honolulu, Hawaii

#### NRCA update on roofing industry technical issues



National Roofing Contractors Association

Link

#### **Today's topics**

- I-code basics
- Residential versus Commercial
- Residential provisions:
  - Hawaii state amendments
  - Honolulu county and city amendments
- Commercial provisions:
  - Hawaii state amendments
  - Honolulu county and city amendments
- 2018 I-codes
- Questions and answers

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#### International Residential Code, 2018 Edition

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**R101.2 Scope.** The provisions of this code shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, *equipment*, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and *townhouses* not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures* not more than three stories above *grade plane* in height.

**Exception:** The following shall be permitted to be constructed in accordance with this code where provided with a residential fire sprinkler system complying with Section P2904:

- Live/work units located in townhouses and complying with the requirements of Section 419 of the International Building Code.
- 2. Owner-occupied lodging houses with five or fewer guestrooms.
- 3. A care facility with five or fewer persons receiving custodial care within a dwelling unit.
- A care facility with five or fewer persons receiving medical care within a dwelling unit.
- 5. A care facility for five or fewer persons receiving care that are within a single-family dwelling.

2018 INTERNATIONAL RESIDENTIAL CODE\*

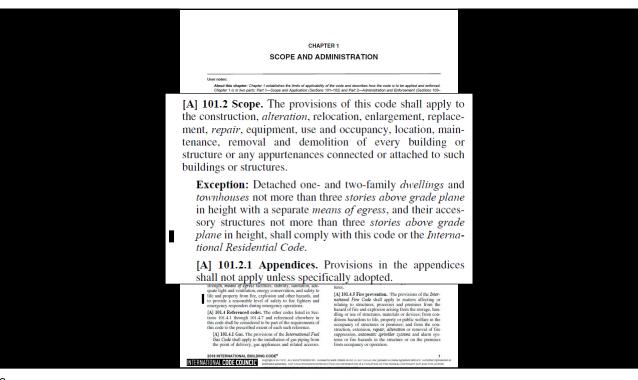
INTERNATIONAL CODE COUNCIL

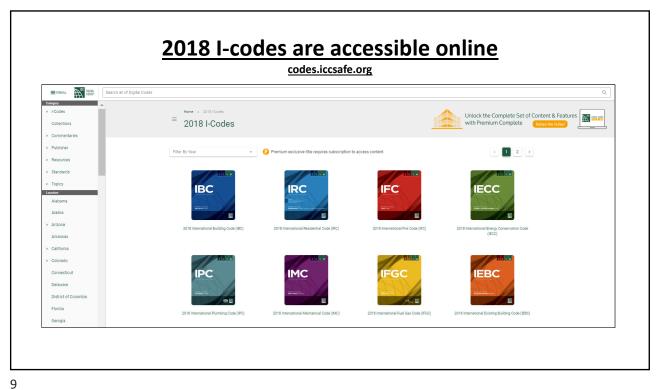
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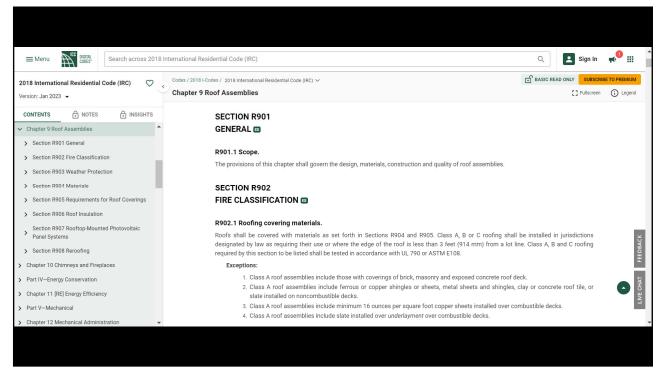


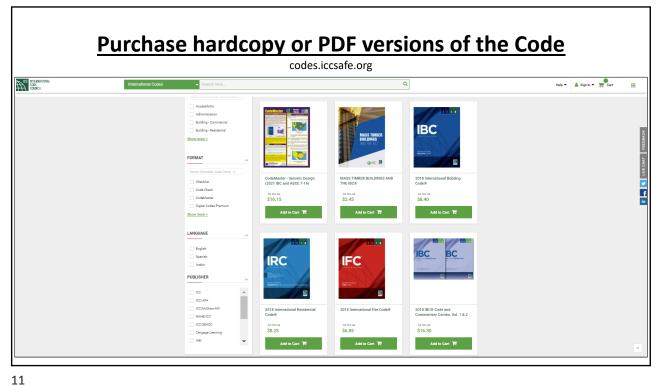
# International Building Code, 2018 Edition

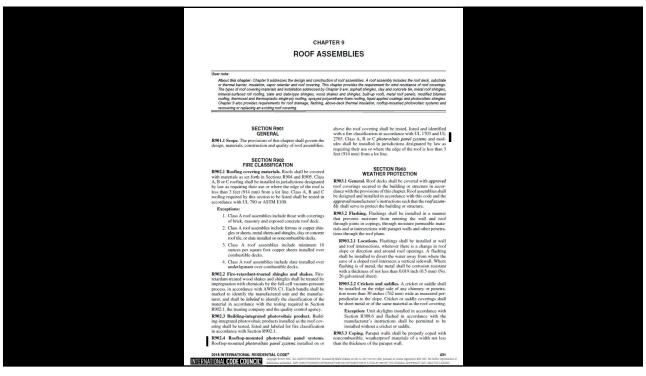
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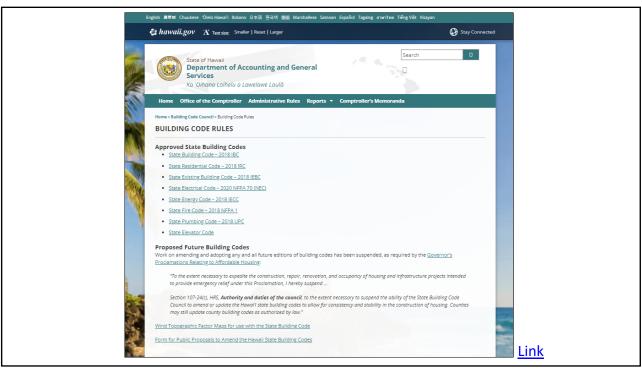






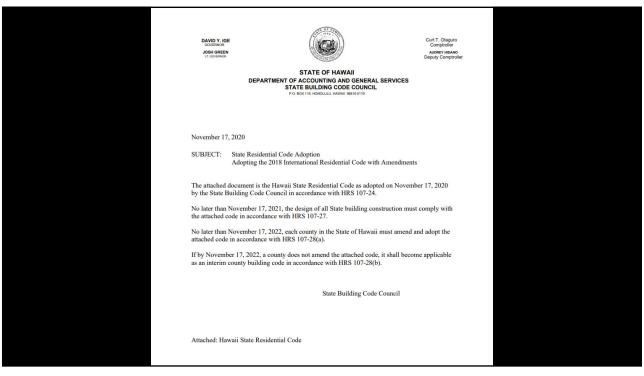
## **Hawaii amendments**

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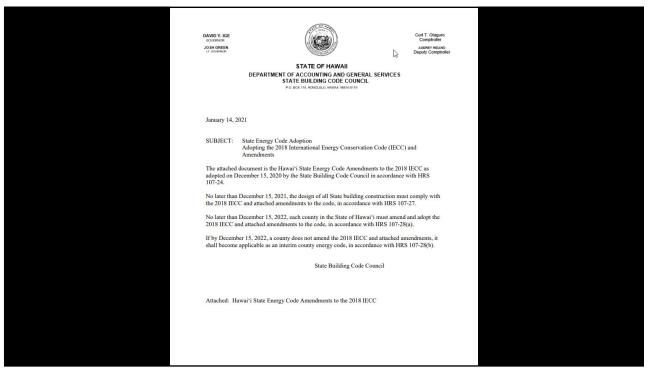
### **Hawaii amendments to IRC 2018**

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### <u>Hawaii amendments to IECC 2018 – Residential Provisions</u>

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International Residential Code, 2018 Edition

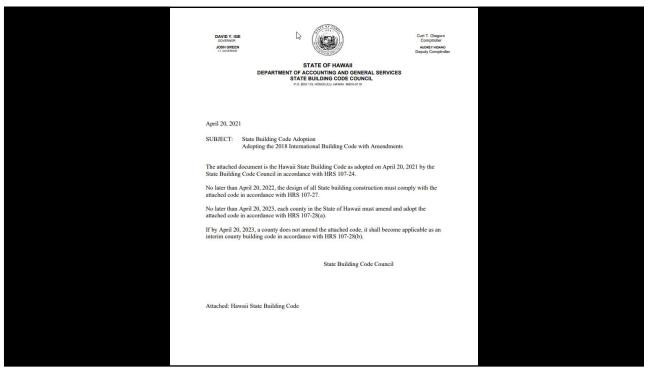
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International Energy Conservation Code, 2018 Edition (Residential Provisions)

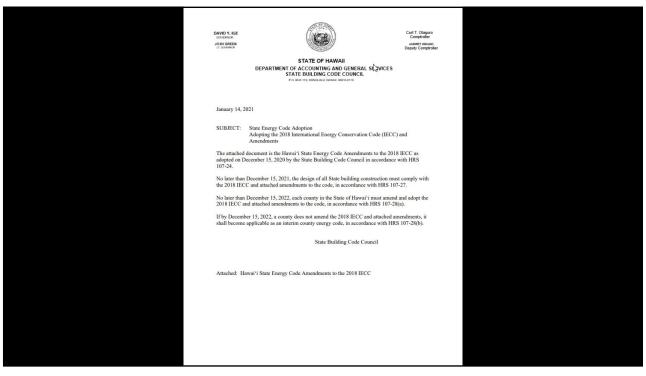
### **Hawaii amendments to IBC 2018**

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### <u>Hawaii amendments to IECC 2018 – Commercial Provisions</u>

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International Building Code, 2018 Edition

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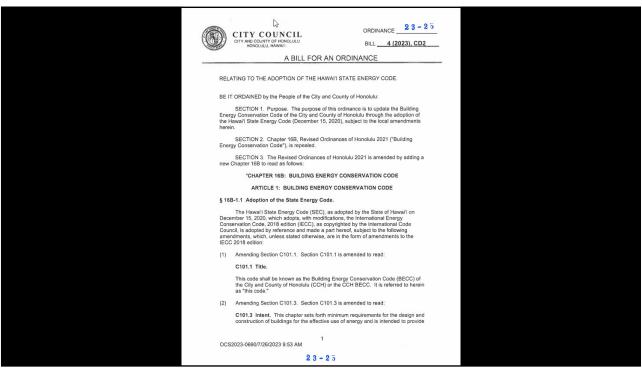


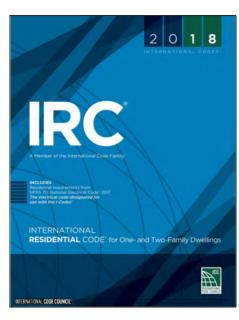
International Energy Conservation Code, 2018 Edition (Residential Provisions)

# **Honolulu amendments**

Ordinance 23-25

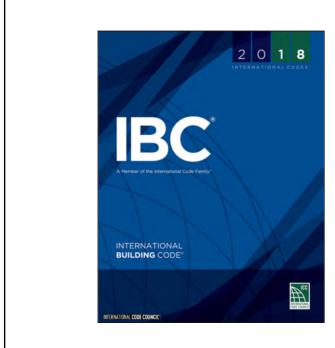
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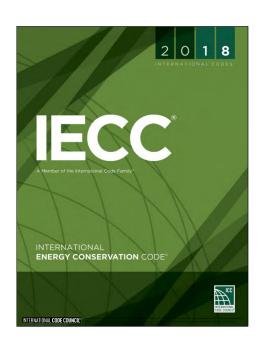


International Residential Code, 2018 Edition

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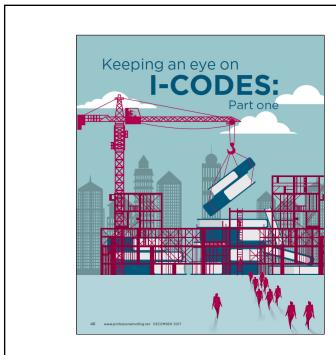


International Building Code, 2018 Edition



International Energy Conservation Code, 2018 Edition (Residential Provisions)

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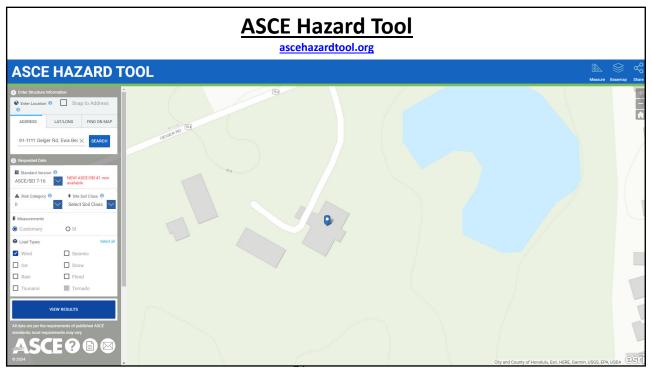


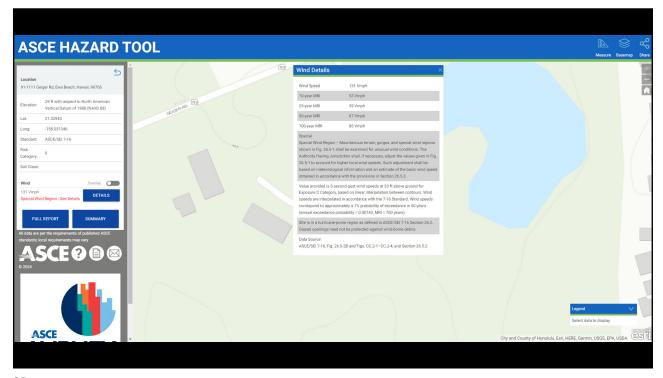
### **Professional Roofing**

Dec. 2017 and Jan. 2018

# Some tips on wind design

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#### The questions...

- The International Energy Conservation Code revised for Honolulu took effect in November last year. What's in there that you need to worry about?
- We get questions routinely from contractors and manufacturer reps about when the Code applies to residential re roofing? How about when it is with the same material type or a different heavier material type?
- What's this about requirements when you expose sheathing on residential reroofing jobs and needing to do attic fans or insulation or what?

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- When does the Code apply to commercial jobs? what is a commercial job v. a residential job? Condos, walk up office buildings?
- What happens if you do not follow the Code? Technically could the owner (even if they are no longer the owner) hold you responsible 10 years later and have you foot the bill to do it correctly at today's cost?
- So you think you know the Code on Oahu. How about Kauai or Maui?

# **Questions...** and other topics

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