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GOVERNOR

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LIEUTENANT GOVERNOR



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STATE OF HAWAII
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
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February 2, 2017

The Honorable Ryan Yamane, Chair
Committee on Water and Land
House of Representatives
State Capitol, Room 420
Honolulu, Hawaii 96813

Dear Chair Yamane:

Subject: House Bill (HB) 1435 Relating to the Hawaii Hurricane Relief Fund
Comprehensive Loss Reduction Plan

I am Manuel P. Neves, Chair of the Hawaii State Fire Council (SFC) and Fire Chief of the Honolulu Fire Department (HFD). The SFC and the HFD support HB 1435, which proposes to clarify the loss reduction plan for the Hawaii Hurricane Relief Fund to include implementing code requirements for hurricane standards in accordance with state building code and design standards.

This bill supports the State Building Code Council (SBCC) in reviewing and adopting amendments to the various building codes dealing with hurricane preparedness. The SBCC is required to adopt building codes within 18 months of publishing a new edition.

Presently, many building codes still reference their 2006 editions, which include the plumbing, residential, and building codes. Amendments to the 2012 Uniform Plumbing Code, International Residential Code, and the International Building Code have been completed, but due to the lack of funding to process them through the administrative rule process, these have stalled and most likely will not be adopted. As a result, only the fire, energy, and elevator codes are on the most current editions due to dedicated staff in other state departments that guide these codes through the adoption process.

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TTY/TDD (808) 586-8844

The Honorable Ryan Yamane, Chair
Page 2
February 2, 2017

The SFC and the HFD urge your committee's passage of HB 1435 for the safety and general welfare of all our citizens.

Should you have questions, please contact SFC Administrator Socrates Bratakos at 723-7105 or sbratakos@honolulu.gov.

Sincerely,



MANUEL P. NEVES
Chair

MPN/LR:clc

STATE OF HAWAII
DEPARTMENT OF DEFENSE
HAWAII EMERGENCY MANAGEMENT AGENCY

TESTIMONY ON HB 1435
A BILL RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE LOSS
REDUCTION PLAN

PRESENTATION TO
THE HOUSE COMMITTEE ON WATER AND LAND

BY

VERN T. MIYAGI
Administrator, Hawaii Emergency Management Agency

Chair Yamane, Vice-Chair Kong and Members of the House Committee on Water and Land.

I am Vern T. Miyagi, Administrator, Hawaii Emergency Management Agency. I am testifying in **SUPPORT** of House Bill 1435.

The State Building Code Council (SBCC) was created in 2007, however staff and operating expenses have never been funded. It is currently staffed by stakeholder volunteers. A major responsibility of the SBCC is to establish residential and hurricane resistant standards related to loss mitigation standards established in section 431P-12 (HHRF). Due to the lack of operational and personnel funding for the SBCC and despite its best efforts, the state is currently three iterations behind in updating and adopting the international code standards. Once adopted by the state, the counties have two years to amend the state codes prior to county adoption, otherwise the state building code will become the county's code. This provision was put in place to ensure the counties use the most recent versions of the model building codes when using their administrative authority.

This situation adversely affects the timely receipt of Federal disaster aid by the state since such aid requires the application of the most recent edition of the model building code. FEMA Recovery Policy FP 104-009-4, that governs Federal assistance in the event of a declared Presidential Disaster, has a condition of public assistance that "buildings eligible for repair, replacement, or construction located in a hazard prone area will use, as a minimum, the hazard resistant standards referenced in the most recent edition of the model building code (IBC, IEBC, and IRBC) regarding reconstruction, repair of building damages during Presidential declared disasters."

HB 1435 proposes that the HHRF sponsor the updates/implementation of the Hawaii state and county building code hurricane standards by the SBCC on a consistent recurring basis – once every three years.

Thank you for allowing me to testify in **SUPPORT** of HB 1435

HAWAII HURRICANE RELIEF FUND

335 Merchant Street #213

Honolulu, HI 96813 (Phone: 586-2790)

TO THE HOUSE COMMITTEE ON
WATER AND LAND

TWENTY-NINTH LEGISLATURE
Regular Session of 2017

Friday, February 3, 2017
9:00 a.m.

TESTIMONY ON HOUSE BILL NO. 1435 - RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE LOSS REDUCTION PLAN.

TO THE HONORABLE RYAN I. YAMANE, CHAIR, AND MEMBERS OF THE
COMMITTEE:

My name is Michael Hamnett, Chair, and I am testifying on behalf of the Hawai`i
Hurricane Relief Fund ("Fund") Board of Directors.

The Fund supports the intent of strengthening the building code statewide and provides
the following comments.

This bill, which is a companion to S.B. 1154, proposes that the Fund: (1) sponsor,
develop, and implement state and county building code hurricane standards for structures
and developments; and (2) fund and support the adoption of administrative rules to this
effect.

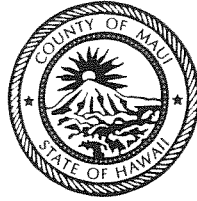
Currently, the Fund is dormant and does not currently have the staff that would be
necessary to carry out these proposals. However, it would be consistent with the hazard
mitigation provisions of chapter 431P, Hawaii Revised Statutes, to use HHRF Trust Fund
resources to support updating the hurricane protection portions of the State Building
Code by the State Building Code Council. We would recommend, however that if the
Legislature is so inclined, the amount of funding and the period of funding should be
specified.

We thank the Committee for the opportunity to present testimony on this matter.

ALAN M. ARAKAWA
Mayor

DAVID C. GOODE
Director

ROWENA M. DAGDAG-ANDAYA
Deputy Director



GLEN A. UENO, P.E., P.L.S.
Development Services Administration

CARY YAMASHITA, P.E.
Engineering Division

LESLI L. OTANI, P.E., L.S.
Highways Division

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT SERVICES ADMINISTRATION
250 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

TESTIMONY ON HOUSE BILL 1435
A BILL RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE LOSS
REDUCTION PLAN

PRESENTATION TO
THE HOUSE COMMITTEE ON WATER & LAND

BY

Glen A. Ueno, P.E., L.S.
Administrator, Development Services Administration

Chair Yamane, Vice-Chair Kong, and Members of the House Committee on Water & Land.

I am Glen A. Ueno, Administrator, Development Services Administration. I am testifying in **SUPPORT** of House Bill 1435.

The State Building Code Council (SBCC) was created in 2007, however staff and operating expenses have never been funded. It is currently staffed by stakeholder volunteers. A major responsibility of the SBCC is to establish residential and hurricane resistant standards related to loss mitigation standards established in section 431P-12 (HHRF). Due to the lack of operational and personnel funding for the SBCC and despite its best efforts, the state is currently three iterations behind in updating and adopting the international code standards. By the end of FY 2017-2018 the state will be four iterations behind if the state fails to fund the Hawaii Administrative Rule making process to update the State Building Code. Once adopted by the state, the counties have two years to amend the state codes prior to county adoption; otherwise the state building code will become the county's code. This provision was put in place to ensure the counties use the most recent versions of the model building codes when using their administrative authority.

Although each county already has the authority to amend and adopt the international code standards before the state does, the Hawaii Administrative Rule making process helps each county and all other stakeholders in Hawaii to know that all proposed amendments and the original international building code have been thoroughly vetted. Each county benefits from the pooling of resources including all county, state, and volunteer organizations represented on the state building code council. Without this process being funded through its completion, implementation of the latest codes through the building permitting process at the county level has been hampered.

HB 1435 proposes that the HHRF sponsor the updates/implementation of the Hawaii state and county building code hurricane standards by the SBCC on a consistent recurring basis – once every three years.

This is a creative, and appropriate, way to fund updating the state building code which is used by both private and public entities when they are planning a construction project. The result will mean that new construction will be built using the latest knowledge and strategies developed to protect our building stock from the hurricane threat. In the long run, fewer buildings will sustain hurricane damage thereby also protecting the HHRF assets.

Thank you for allowing me to testify in **SUPPORT** of HB 1435.

DEPARTMENT OF EMERGENCY MANAGEMENT
CITY AND COUNTY OF HONOLULU

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KIRK CALDWELL
MAYOR



MELVIN N. KAKU
DIRECTOR

PETER J.S. HIRAI
DEPUTY DIRECTOR

February 1, 2017

The Honorable Ryan Yamane, Chair
The Honorable Ty Cullen, Vice Chair
House Committee on Water and Land
State Capitol
415 South Beretania Street, Room 325
Honolulu, Hawaii 96813

Dear Chair Yamane, Vice Chair Cullen, and Members:

**SUBJECT: SUPPORT OF H.B. 1435 RELATING TO THE HAWAII HURRICANE
RELIEF FUND COMPREHENSIVE LOSS REDUCTION PLAN**

I am Melvin Kaku, Director of the Department of Emergency Management (DEM), City and County of Honolulu (City).

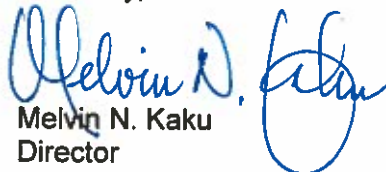
DEM strongly supports H.B. 1435 which proposes the timely updating and implementation of the Hawaii State and County Building Code Hurricane Standards by the State Building Code Council (SBCC) on a consistent, recurring basis of once every three years.

H.B. 1435 ensures that the State of Hawaii and City and County of Honolulu, Kauai County, Maui County, and Hawaii County are eligible for Federal Emergency Management Agency (FEMA) Public Assistance (PA) funds to repair, replace, or construct facilities that were damaged or destroyed during a Presidentially-declared disaster.

FEMA Recovery Policy FP 104-009-4 governs Federal public assistance in the event of a declared disaster and stipulates that assistance eligibility for repairs, replacing, or construction must use, as a minimum, the hazard resistant standards referenced in the most recent edition of the state building code (IBC, IEBC, and IRBC) regarding reconstruction and repair of building damages during Presidentially declared disasters.

I urge your committee to pass HB 1435. Thank you for the opportunity to testify.

Sincerely,


Melvin N. Kaku
Director

cc: Roy K. Amemiya, Jr., Managing Director

STRUCTURAL ENGINEERS ASSOCIATION OF HAWAII (SEAOH)
P.O. Box 3348
Honolulu, HI 96801
www.seaoh.org

TESTIMONY ON HOUSE BILL 1435
A BILL RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE LOSS
REDUCTION PLAN

PRESENTATION TO
THE HOUSE COMMITTEE ON WATER & LAND

BY

JONATHAN MURAI
President, SEAOH

Chair Yamane, Vice-Chair Kong, and Members of the House Committee on Water & Land.

I am Jonathan Murai, President of the Structural Engineers Association of Hawaii. I am testifying in **SUPPORT** of House Bill 1435.

The SEAOH supports measures that facilitate the timely adoption of the most recent international building codes with Hawaii specific amendments through the process which initiates at the State Building Code Council (SBCC). Members of the SEAOH helped to draft this bill because we recognize that updating the State Building Code will have the primary effect of improving the resilience of the economy in Hawaii from the hurricane threat and indeed it will protect the assets of the Hawaii Hurricane Relief Fund (HHRF).

Structural engineers protect citizens and visitors in the state of Hawaii by designing our buildings and infrastructure to be strong and durable. Our primary tool to perform this task is the building code. The most recent international building codes provide a model for local adoption which includes all the lessons learned through the tragedy of others who suffer from disasters such as hurricane, earthquake, tsunami and other threats we face here in Hawaii.

The State Building Code is based on the International Building Code (IBC) which is updated every three years. When the IBC is updated, it incorporates all of the latest knowledge gained from researchers and engineers from around the world who observe the way buildings and structures have failed during recent hurricanes. The updates also provide guidance on how to design structures using the latest construction techniques which can be more economical and efficient than older construction technologies. The state is currently three iterations behind in updating and adopting the international

code standards. By the end of FY 2017-2018 the state will be four iterations behind if the state fails to fund the Hawaii Administrative Rule making process to update the State Building Code. We are on the verge of being last in the nation with a building code based on the 2006 International Building Code.

HB 1435 proposes that the HHRF sponsor the updates/implementation of the Hawaii state and county building code hurricane standards by the SBCC on a consistent recurring basis – once every three years. This bill provides a mechanism by which the HHRF could choose to assist the SBCC update the state building code. The SBCC code adoption process is the mechanism which will implement the hurricane hazard mitigation plans established by the HHRF. So in future code cycles, when the SBCC and HHRF see that changes in nationally recognized codes/standards will help Hawaii to better mitigate the hurricane threat they can work together for the timely adoption of a new State Building Code.

Full funding of the SBCC has not been forth coming from the state since its inception in 2007. SEAOH knows that the SBCC has been searching for a creative, and appropriate, way to fund updating the state building code which is used by both private and public entities when they are planning a construction project. When this bill is implemented the result will mean that new construction will be built using the latest knowledge and strategies developed to protect our building stock from the hurricane threat. In the long run, fewer buildings will sustain hurricane damage thereby also protecting the HHRF assets.

Thank you for allowing me to testify in **SUPPORT** of HB 1435.

DATE: Friday, February 3, 2017
TIME: 9:00AM
PLACE: Conference Room 325
State Capitol
415 South Beretania Street

To: House Committee on Water & Land

Rep. Ryan I Yamane, Chair

Rep. Sam Satoru Kong, Vice Chair

From: The Mason Contractors Association of Hawaii

Ryan Wada, President

Re: Bill #1435 RELATING TO THE HAWAII HURRICANE RELIEF FUND
COMPREHENSIVE LOSS REDUCTION PLAN.

The Mason Contractors Association of Hawaii is in support of Bill #1435.

The Mason Contractors Association of Hawaii is committed to preserving and promoting the construction industry by providing continuing education, recruiting future manpower, fostering a safe work environment, and building safe structures which protect our businesses and people.

The MCAH advocates the implementation of fair and relevant codes and standards. State Building Codes are typically updated every three to six years, however the state of Hawaii has not updated its building code since 2012, when it adopted the 2006 Building Code. Three updated editions of the IBC have since been released (2009, 2012, 2015). Of the 50 states nationwide there are only two states still using IBC 2006 and earlier, Hawaii being one of them (see page 3). By

adopting IBC 2012, Hawaii would be constructing buildings in accordance with the latest hurricane resistant building techniques, thereby fulfilling the objective of the Hawaii Hurricane Relief Fund.

Using outdated safety codes comprises not only the safety of businesses and people, but also the stability and resilience of our economy. In consideration of this, we believe that giving the State Building Code Council the appropriate resources to implement IBC 2012 is of utmost necessity.

Thank you for the opportunity to submit our testimony in support of HB #1435.

International Codes-Adoption by State (October 2016)

ICC makes every effort to provide current, accurate code adoption information. Not all jurisdictions notify ICC of code adoptions.
To obtain more detailed information on amendments and changes to adopted codes, please contact the jurisdiction. To submit code adoption information: www.iccsafe.org/adoptions

X = Effective Statewide A = Adopted, but may not yet be effective L = Adopted by Local Governments S = Statewide adoptions with limitations **XL = Adopted by the State for Local Adoption**
12= 2012 Edition 09 = 2009 Edition 06 = 2006 Edition 04 = 2004 Edition 03 = 2003 Edition 00 = 2000 Edition

* The title of the 2000 and 2003 IUVIC Code was changed to IWUIC in the 2006 version.

Jurisdiction	IBC	IRC	IFC	IMC	IPC	IPSDC	IFGC	IgCC	IECC	IPMC	IEBC	ISPSC	ICCP	IUVIC	IZC	ICC 700
Alabama	SA15, L	X15, L	SA15, L	S15, L	SA15, L	L	SA15, L	L	L	L	SA15, L	L	L	L	L	
Alaska	X09	L06, L09	X09	X09			X09		L06, S12 SFR							
Arizona	S12, L	S09, L	S12, L	S12, L	S12, L	S12, L	S12, L	L	S09, L	L	L	L	L	L	L	L
Arkansas	X12	X12	X12	X09	X06	L	X06		X09	L	L					
California	X12	X12	X12								X12	L		L		
Colorado	S15, L	S15, L	S15, L	S15, L	X15, L	L	X15, L	L	S12, L	L	S15, L	L	L	S12, L	L	L
Connecticut	X12	X12	S12	X12	X12				X12	L	X12					
Delaware	L12	L12	L12	S15	S12		S15		S12	L	L					
District of Columbia	X12	X12	X12	X12	X12		X12	X12	X12	X12	X12	X12				
Florida	X12	X12		X12	X12		X12	X	X12	L12	X12					
Georgia	X12	X12	X12	X12	X12		X12		X09	XL12	XL12	XL12		XL12		XL08
Hawaii	X06	X06, L06							X06, L09							
Idaho	X12	X12	X12	X12			X12	L12	X12, L12		X12					L
Illinois	S09, L	L	S09, L	S09, L	L	L	S09, L	L	X15	S09, L	S09, L	L12	L	L	L	L
Indiana	X12	X03	X12	X12	X06		X12									
Iowa	S15, L	S15, L	X15, L	S09, L	L	L	L		X12	L	S15, L				L	
Kansas	L	L	S06, L	L	S06, L	L	L		S09, L	L	L					
Kentucky	X12	X12	X12	X12					X09/X12	L						
Louisiana	X12	X12	L	X12	X12		X12		X09, L	L	X12					
Maine	X09	X09							X09	L	X09					
Maryland	X15	X15		X15	L15	L	L	X12	X15	X15	X15					
Massachusetts	X09	X09		X09					X12		X09					
Michigan	X12	X15	L	X12	X12	L	X12		X09 / A15 Con	L	X12	X15	L			
Minnesota	X12	X12	X12	X12			X12	L	X12	L	X12					
Mississippi	XAL15,	XA15, L	XA15, L	XA15, L	A15, L	L	XA15, L		X03	L	XL15, L		L			
Missouri	S12, L	S00, L	L	S12, L	S12, L	L	S00	L	S09, L	L	L	L	L	L	L	L
Montana	X12	X12	L	X12			X12		X12		X12	S, XL15		S, XL12		
Nebraska	S12, L	S12, L	L	L	L	L	L		S12, L	L	S12, L			L	L	
Nevada	S12, L	S12, L	S12, L	L	L	L	L		S12, L	L	S12, L		L	X09, L		
New Hampshire	X09	X09	L	X09	X09			L	X09	L	X09					
New Jersey	X15	X15	X15	X15			X15		X15	L		X15				
New Mexico	X15, L	X15	X03	L	L				X09	L	X15, L		L	L		
New York	X15	X15	X15	X15	X15		X15		X15	X15	X15					
North Carolina	X09	X09	X09	X09	X09		X09	X	X09		X12					
North Dakota	S12, L	S12, L	L	S12, L			S12, L		S12, L	L	L					
Ohio	X09	X09	X09	X09	X09		X09		X09 / A12 Con	L					L	
Oklahoma	X15	S09, X	X15	X15	X15	L	X15		S03, L	S06, L	X15		S06, L	L	L	
Oregon	X12	X09	X12	X12			X12	X	X12							
Pennsylvania - the 16 2015 Amendments chosen by the Review & Advisory Council went into effect on 12/31/2015. By Statute, Pennsylvania must adopt all 2015 Accessibility Provisions in addition to whichever individual provisions are chosen by the RAC.	X09	X09	X09	X09	X09		X09		X09	L	X09		X09	X09		
Rhode Island	X12	X12		X12	X12		X12	X12	X12	X12						
South Carolina	X15	X15	X15	X15, L	X15		X15		X09	XL15	XL15	XL15				
South Dakota	S15, L	L	S15, L	S15, L		L	L		L	S15	L	L	L			
Tennessee	S12, L	X09	S12, L	S12, L	S12, L		S12, L	L12	S12, L	S12, L	S12, L	L12	L	L	L	L
Texas	XL03	XL00	L03	L	XL12	L	XL12		XL15	L	L	L	L	L	L	L
Utah	X15	X15	X15	X15	X15		X15		X15		X15			X06		
Vermont	S15	L			X15				X15							
Virginia	X12	X12	X12	X12	X12		X12		X12	X12	X12	X12				
Washington	X15, L	X15	X15, L	X15, L	L12, L15		X15, L	L	X15	L	X15, L	X15	L	L9, L12		
West Virginia	X15	X15		X15	X15		X15		X09	X15	X15	X15				
Wisconsin	X09		L	X09			X09		X09		X09					
Wyoming	X15, L	L15	X15, L	X15, L	L15	L12	X15, L		L15	S12	X15, L	L12	L12	L12	L12	
U.S. Territories	IBC	IRC	IFC	IMC	IPC	IPSDC	IFGC	IgCC	IECC	IPMC	IEBC	ISPSC	ICCP	IUVIC	IZC	ICC 700
Guam	X09	X09	X09	X09	X09	X09	X09				X09					
Northern Marianas Islands	X09															
Puerto Rico	X09	X09	X09	X09	X09	X09	X09		X09		X09					
U.S. Virgin Islands	X12	X12	X12	X12					X12							
*** New York State and NYC adopt the 2009 IECC for Residential and the 2012 IECC for Commercial*****																

SAH - Subcontractors Association of Hawaii

1188 Bishop St., Ste. 1003**Honolulu, Hawaii 96813-2938

Phone: (808) 537-5619 ✦ Fax: (808) 533-2739

February 3, 2017

Testimony To: House Committee on Water & Land
Representative Ryan I. Yamane

Presented By: Tim Lyons, President

Subject: H.B. 1435 - RELATING TO THE HAWAII HURRICANE RELIEF FUND
COMPREHENSIVE LOSS REDUCTION PLAN.

Chair Yamane and Members of the Committee:

I am Tim Lyons, President of the Subcontractors Association of Hawaii. The SAH represents the following nine separate and distinct contracting trade organizations.

HAWAII FLOORING ASSOCIATION

ROOFING CONTRACTORS ASSOCIATION OF HAWAII

HAWAII WALL AND CEILING INDUSTRIES ASSOCIATION

TILE CONTRACTORS PROMOTIONAL PROGRAM

PLUMBING AND MECHANICAL CONTRACTORS ASSOCIATION OF HAWAII

SHEETMETAL CONTRACTORS ASSOCIATION OF HAWAII

PAINTING AND DECORATING CONTRACTORS ASSOCIATION

PACIFIC INSULATION CONTRACTORS ASSOCIATION

The State Building Code Council performs a very valuable function in trying to harmonize the various code requirements as found in the building code. The need to integrate that with hurricane loss and remedy is vitally needed. While the Council has had plenty of enthusiasm to do so, it has had virtually no resources to do so. In consideration of the importance and the purpose of the building code in making structures safe for human habitation, we think that giving the Council the appropriate resources is very necessary and essential.

Based on the above we recommend your Committee's adoption.

Thank you.

MASONRY INSTITUTE OF HAWAII
95-1030 Meheula Parkway #892711
Mililani, HI 96789
www.masonryhawaii.com

TESTIMONY ON HOUSE BILL 1435
A BILL RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE
LOSS REDUCTION PLAN

PRESENTED TO
THE HOUSE COMMITTEE ON WATER AND LAND

BY

RODNEY HARAGA
Director, MIH

Chair Yamane, Vice-Chair Kong, and Members of the House Committee on Water and Land

I am Rodney Haraga, Director of the Masonry Institute of Hawaii. I am testifying in **SUPPORT** of House Bill 1435.

The MIH supports measures that facilitate the timely adoption of the most recent International Building Codes with Hawaii specific amendments through the process which initiates at the State Building Code Council (SBCC). Members of the MIH support this bill because we recognize that updating the State Building Code will have the primary effect of improving the resilience of the economy in Hawaii from the hurricane threat and indeed it will protect the assets of the Hawaii Hurricane Relief Fund (HHRF).

The most recent international building codes provide a model for local adoption which includes all the lessons learned through the tragedy of others who suffer from disasters such as hurricane, earthquake, tsunami and other threats we face in Hawaii.

The State Building Code is based on the International Building Code (IBC) which is updated every three years. When the IBC is updated, it incorporates all of the latest knowledge gained from researchers and technicians from around the world who observe the way buildings and structures have failed during these disasters. The updates also provide guidance on how to design structures using the latest construction techniques which can be more economical and efficient than older construction technologies. The State of Hawaii is currently three iterations behind updating the adopting the IBC. By the end of FY 2017-18, the State of Hawaii will be four iterations behind if the state fails to fund the Hawaii Administrative Rule making process to update the State Building Code. We are on the last in the nation with a building code based on the 2006 IBC.

HB 1435 proposes that the HHRF sponsor the updates/implementation of the Hawaii State and county building code hurricane standards by the SBCC on a consistent recurring basis – once every three years. This bill provides a mechanism by which the HHRF could choose to assist the SBCC update the state building code. The SBCC code adoption process is the mechanism which will implement the hurricane hazard mitigation plans established by the HHRF. In future code cycles, when the SBCC and HHRF see that changes in nationally

recognized codes/standards will help Hawaii to better mitigate the hurricane threat they can work together for the timely adoption of a new State Building Code.

Full funding of the SBCC has not been forthcoming from the State since its inception in 2007. MIH knows that the SBCC has been searching for a creative, and appropriate way to fund updating the State building code which is used by both private and public agencies when they are planning a construction project. When this bill is implemented, the result will mean that new construction will be built using the latest knowledge and strategies developed to protect our buildings from the hurricane threat. In the long term, fewer buildings will be sufficiently capable of withstanding hurricane damage thereby protecting the HHRF assets.

Thank you for allow me to testify in **SUPPORT** of HB 1435.

MASON CONTRACTORS ASSOCIATION OF HAWAII
95-1030 Meheula Parkway #892711
Mililani, HI 96789
www.masonryhawaii.com

TESTIMONY ON HOUSE BILL 1435
A BILL RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE
LOSS REDUCTION PLAN

PRESENTED TO
THE HOUSE COMMITTEE ON WATER AND LAND

BY

RYAN WADA
PRESIDENT, MCAH

Chair Yamane, Vice-Chair Kong, and Members of the House Committee on Water and Land

I am Ryan Wada, President of the Mason Contractors Association of Hawaii. I am testifying in **SUPPORT** of House Bill 1435.

The MCAH supports measures that facilitate the timely adoption of the most recent International Building Codes with Hawaii specific amendments through the process which initiates at the State Building Code Council (SBCC). Members of the MCAH support this bill because we recognize that updating the State Building Code will have the primary effect of improving the resilience of the economy in Hawaii from the hurricane threat and indeed it will protect the assets of the Hawaii Hurricane Relief Fund (HHRF).

The most recent international building codes provide a model for local adoption which includes all the lessons learned through the tragedy of others who suffer from disasters such as hurricane, earthquake, tsunami and other threats we face in Hawaii.

The State Building Code is based on the International Building Code (IBC) which is updated every three years. When the IBC is updated, it incorporates all of the latest knowledge gained from researchers and technicians from around the world who observe the way buildings and structures have failed during these disasters. The updates also provide guidance on how to design structures using the latest construction techniques which can be more economical and efficient than older construction technologies. The State of Hawaii is currently three iterations behind updating the adopting the IBC. By the end of FY 2017-18, the State of Hawaii will be four iterations behind if the state fails to fund the Hawaii Administrative Rule making process to update the State Building Code. We are on the last in the nation with a building code based on the 2006 IBC.

HB 1435 proposes that the HHRF sponsor the updates/implementation of the Hawaii State and county building code hurricane standards by the SBCC on a consistent recurring basis – once every three years. This bill provides a mechanism by which the HHRF could choose to assist the SBCC update the state building code. The SBCC code adoption process is the mechanism which will implement the hurricane hazard mitigation plans established by the HHRF. In future code cycles, when the SBCC and HHRF see that changes in nationally

recognized codes/standards will help Hawaii to better mitigate the hurricane threat they can work together for the timely adoption of a new State Building Code.

Full funding of the SBCC has not been forthcoming from the State since its inception in 2007. MCAH knows that the SBCC has been searching for a creative, and appropriate way to fund updating the State building code which is used by both private and public agencies when they are planning a construction project. When this bill is implemented, the result will mean that new construction will be built using the latest knowledge and strategies developed to protect our buildings from the hurricane threat. In the long term, fewer buildings will be sufficiently capable of withstanding hurricane damage thereby protecting the HHRF assets.

Thank you for allow me to testify in **SUPPORT** of HB 1435.

LATE

MASON CONTRACTORS ASSOCIATION OF HAWAII
95-1030 MEHEULA PKWY #892711
MILILANI, HI 96789

TESTIMONY ON HOUSE BILL 1435
A BILL RELATING TO THE HAWAII HURRICANE RELIEF FUND COMPREHENSIVE
LOSS REDUCTION PLAN
PRESENTED TO
THE HOUSE COMMITTEE ON WATER AND LAND
BY
WILL GILES
MCAH LIAISON

Chair Yamane, Vice-Chair Kong, and Members of the House Committee on Water and Land.

I am Will Giles, Mason Contractors Association of Hawaii (MCAH) Liaison. I am testifying in **SUPPORT of House Bill 1435.**

The MCAH supports measures that facilitate the timely adoption of the most recent International Building Codes with Hawaii specific amendments through the process which initiates at the State Building Code Council (SBCC). Members of the MCAH support this bill because we recognize that updating the State Building Code will have the primary effect of improving the resilience of the economy in Hawaii from the hurricane threat and indeed it will protect the assets of the Hawaii Hurricane Relief Fund (HHRF).

The most recent international building codes provide a model for local adoption which includes all the lessons learned through the tragedy of others who suffer from disasters such as hurricane, earthquake, tsunami and other threats we face in Hawaii.

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HB 1435 proposes that the HHRF sponsor the updates/implementation of the Hawaii State and county building code hurricane standards by the SBCC on a consistent recurring basis – once every three years. This bill provides a mechanism by which the HHRF could choose to assist the SBCC update the state building code. The SBCC code adoption process is the mechanism which will implement the hurricane hazard mitigation plans established by the HHRF. In future code cycles, when the SBCC and HHRF see that changes in nationally

recognized codes/standards will help Hawaii to better mitigate the hurricane threat they can work together for the timely adoption of a new State Building Code.

Full funding of the SBCC has not been forthcoming from the State since its inception in 2007. MCAH knows that the SBCC has been searching for a creative, and appropriate way to fund updating the State Building Code which is used by both private and public agencies when they are planning a construction project. When this bill is implemented, the result will mean that new construction will be built using the latest knowledge and strategies developed to protect our buildings from the hurricane threat. In the long term, fewer buildings may be sustained hurricane damage, thereby protecting HHRF assets.

Thank you for allow me to testify in **SUPPORT** of **HB 1435**.



AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Hawaii

LATE

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February 2, 2017

House Committee on Water and Land

Hearing Date: Friday, February 3, 9:00 a.m., Conference Room 325

Honorable Representatives Ryan Yamanae, Chair; Sam Kong, Vice Chair; and
Members of the House Committee on Water and Land

Subject: **SUPPORT of HB 1435, Relating to the Hawaii Hurricane Relief Fund**

Dear Chair Yamane, Vice Chair Kong, and Committee Members:

The American Council of Engineering Companies of Hawaii (ACECH) represents more than 70 member engineering consulting firms with over 1,500 employees throughout Hawaii. Our work covers a variety of engineering disciplines that are impacted directly by the technical portions of the building codes. The primary purpose of a building code is to establish design standards for buildings in order to protect public safety.

In 2007 the State Building Code Council was established to perform a very valuable function in trying to harmonize the various code requirements as found in the building code ordinances across the state. While it has had plenty of enthusiasm to do so and the technical experts have developed the amendment language for several code cycles, the council has had virtually no resources to implement the Hawaii Administrative Rule (HAR) making process. Without completing this process the State Building Code cannot be updated.

This bill does not solve all of the funding requirements for the SBCC, however, it allows the HHRF to use its resources to fulfill the underlying mission of the HHRF. Updating the State Building Code is the most effective way to implement the latest hurricane resistive construction techniques throughout the state.

We appreciate the opportunity to provide testimony on this matter. Please do not hesitate to contact us if you have any questions.

Respectfully submitted,
AMERICAN COUNCIL OF ENGINEERING COMPANIES OF HAWAII

Corey Matsuoka, PE
President

LATE

Date: Friday, February 3, 2017
Time: 9:00 AM
Location: Conference Room 325
State Capitol
415 South Beretania Street

To: House Committee on Water & Land
Rep. Ryan I. Yamane, Chair
Rep. Sam Satoru Kong, Vice Chair

From: Tileco Inc.
Dennis Sakamoto, President

Re: Bill #1435 Relating to the Hawaii Hurricane Relief Fund Comprehensive Loss Reduction Plan

Tileco Inc. is in support of House Bill 1435.

Tileco Inc. supports measures to promote the adoption of the most recent international building codes with Hawaii specific amendments. Code adoption is initiated through a process by the State Building Code Council (SBCC). There has been amendment language developed for several code cycles, however, the council has very limited resources to implement the Hawaii Administrative Rule (HAR) making process. Without completion of this process, the State Building Code cannot be updated.

Updating the State Building Code will help to implement the latest hurricane resistive construction techniques. At Tileco Inc., we are committed to manufacturing quality concrete masonry products which are used to build safe structures. The use of outdated safety codes puts ourselves at greater risk when disasters such as hurricanes, tsunamis and earthquakes occur. If this bill is implemented, new construction will be built with the latest strategies and technologies established to protect ourselves from hurricane threats. Along with the increased safety to the public, structures will be less susceptible to hurricane damage, which in turn protects the assets of the Hurricane Relief Fund.

Thank you for the opportunity to submit our testimony in support of HB 1435.

kong2 - Crystal

From: Jacqueline Miyashiro
Sent: Friday, February 3, 2017 4:46 PM
To: waltestimony
Subject: FW: HB 1435 ICC Supports Passage



-----Original Message-----

From: Kraig Stevenson [mailto:KStevenson@iccsafe.org]
Sent: Friday, February 3, 2017 12:11 PM
To: Rep. Sam Kong <repkong@capitol.hawaii.gov>
Subject: HB 1435 ICC Supports Passage

Representative Ryan Yamane, Chair
Representative Sam Kong, Vice Chair
House Committee on water and Land

Re: HB 1435 Support Passage

Dear Chair Yamane,

Thank you for clarifying to me during the hearing that I can submit testimony today in care of Vice Chair Sam Kong.

ICC supports the efforts of the Hawaii State Building Code Council (SBCC) and their efforts to coordinate adoption of the codes named in HRS 107 part II.

Since the creation of the of the SBCC they have not had a funding source so they can higher professional staff to prepare the adopting rule-making HARs. Therefore the SBCC has been a effort undertaken by volunteers. Proposed rules have been prepared to adopt current codes, but the process can not be completed without funding. Passage of HB 1435 will position the State, if the rules are adopted, to be qualified to receive FEMA disaster relief funds. Hawaii's citizens are at risk of not being covered or qualifying for FEMA funds if any natural disasters occur.

Respectfully submitted,

Kraig Stevenson
International Code Council
Kstevenson@iccsafe.org

Sent from my iPad

Sharpen your leadership skills, expand your code knowledge and earn CEUs. Register now<<http://go.iccsafe.org/l/25182/2017-01-04/c1mfmr>> to attend the International Code Council's (ICC's) Training and Certification Summit, May 22–26, 2017 at the University of Texas at Arlington. Optional Certification Exams will be available.