The Code Official as

The First Preventer

The First Building Code - Hammurabi

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•

Others

The Great Chicago Fire, October 8, 1871

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- The Aftermath seen here is the rush to live, as people escaped across the river over Randolph Street Bridge



The Great Baltimore Fire of 1904

 It destroyed a major part of central Baltimore, including over 1,500 buildings covering an area of some 140 acres.



The Great Baltimore Fire of 1904

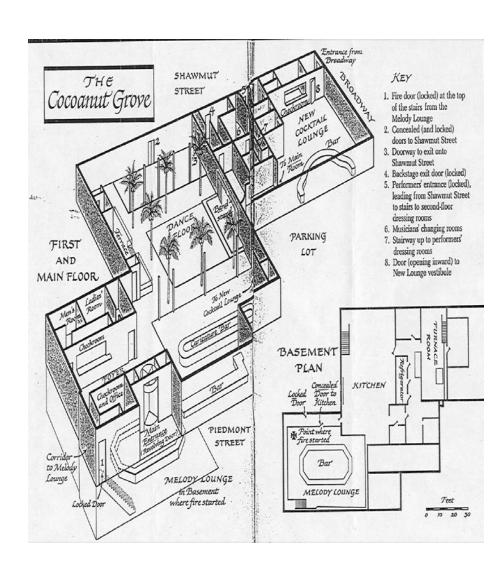
- It destroyed a major part of central Baltimore, including over 1,500 buildings covering an area of some 140 acres.
- One reason for the fire's duration was the lack of national standards



Code Development History

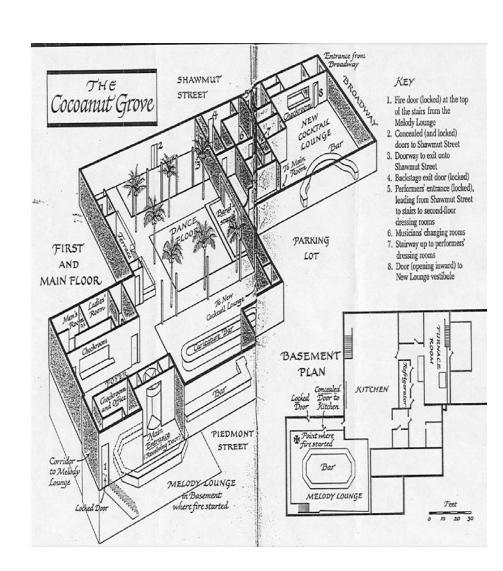
Coconut Grove

November 28, 1942



Code Development History

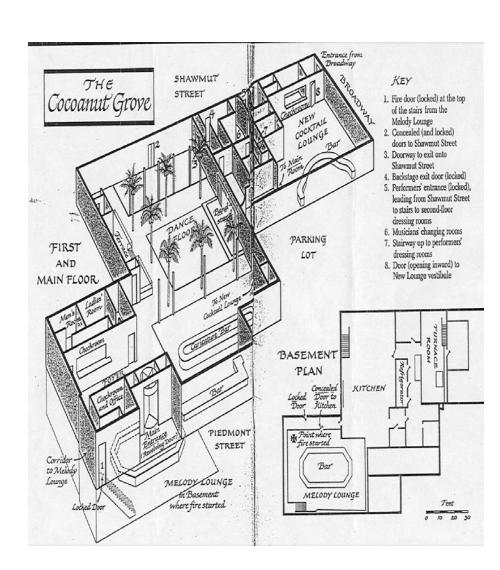
- Coconut Grove
- November 28, 1942
- 492 people died trying to exit the building through doors that swung inward or were hidden, could not get out and died of Smoke inhalation



Code Development History

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Many code provisions resulted.



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- Of all the buildings built there the were Severely damaged, Including the Presidential Palace.
- What is the one building that sustained only minimal damage
- The US Embassy

Why?

- Why?
- Because it was built to National Standards and Codes developed and enforced in the United States

History of the Codes 3 Original Code Groups

- BOCA National Building Code by the Building Officials and Code Administrators (BOCA)
- Uniform Building Code (UBC) by the International Conference of Building Officials (ICBO)
- Standard Building Code (SBC) by the Southern Building Code Congress Int'l (SBCCI)

History of the Codes

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- All merged to become the ICC (International Code Council) Model Codes in 2000

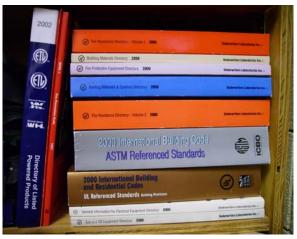


ICC Mission Statement

To promulgate a comprehensive and compatible regulatory system for the built environment, through consistent performance-based regulations that are effective, efficient and meet government, industry and public needs.

ICC Family of Codes Includes:

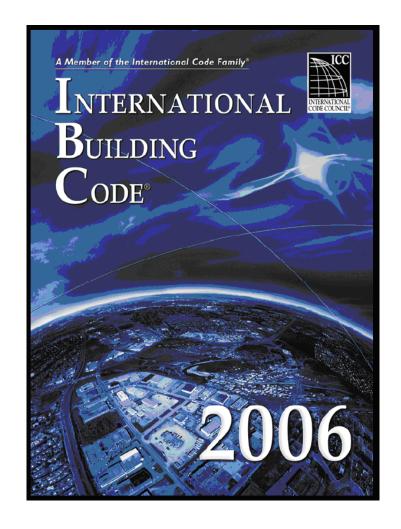




- Building IBC / IRC
- Fire
- Mechanical
- State Plumbing
- Fuel Gas
- Energy Efficiency
- Housing and Property Maintenance
- Green Building
- Referenced Standards

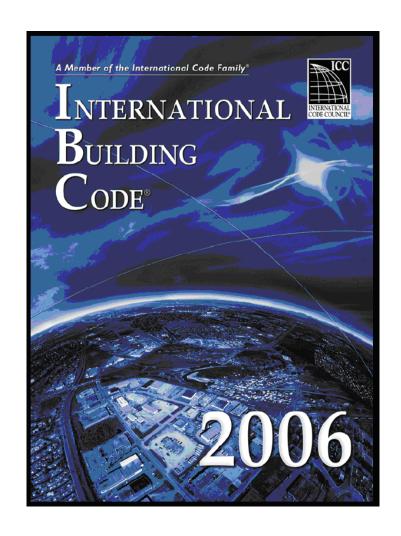
International Code Council

 The ICC Model codes are the basis of the Minnesota State Building Code (MSBC)



International Code Council

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- MN Department of Labor and Industry creates amendments to the model codes creating the MSBC



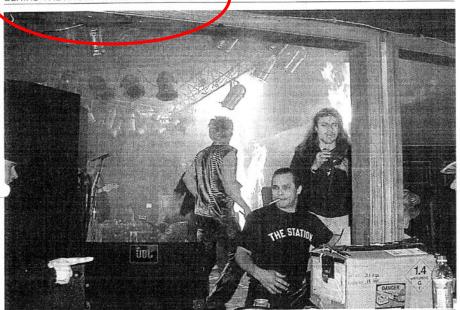
Continuing Research and Development such as additional Stairway requirements for exiting

NUMBER 160

50 cents

The Boston C Monday, June 9, 2003

BEHIND THE RHODE ISLAND NIGHTCLUB FIRE



Band members and club employees headed for an exit after a wall ignited at The Station nightclub in West Warwick, R.I.

Series of errors sealed crowd's fate

This story was reported by Stephen Kurkjian, Stephanie Ebbert, and Thomas Farragher of the Globe staff. It was written by Far-

WEST WARWICK, R.I. - The indoor fireworks that would burn their way into Rhode Island history went almost unnoticed as a shadowy figure arranged them on stage.

Daniel M. Biechele, Great White's new tour manager, borrowed a flashlight and positioned the "gerbs" - devices that would spray

15-foot plumes of brilliant sparks for 15 seconds - just behind the band's guitarists and just in front of its drummer.

And then, just after 11 p.m., he turned a key that ignited the display at The Station nightclub - and triggered a cataclysm.

Biechele knew his way around The Station from earlier work with another band. He knew about fireworks, too - how to use them and how they could add a visual exclamation point to the musical roar.

In early January of this year, Biechele testfired a gerb in a San Diego parking lot for

Great White's lead singer, Jack Russell. The band was looking for something new to spruce up its act, and Russell liked what he saw, band manager Paul Woolnough said. He said Biechele then placed an order for more than \$1,000 worth of the "pyro" from a Memphis special effects firm.

At other stops on the Great White tour, when the shower of sparks fell harmlessly to the floor, no one thought much about the pos-

FIRE Page AS



ICC Development Process

- 3 year cycle 2012 Code cycle just finished
 - APA Takes a minimum of 18 months for adoption of a new code and a additional 6 months before it can be enforced

ICC Development Process

- 3 year cycle 2012 Code cycle just finished
- 2 groups of legal proceedings
 - A IBC, IFGC, IMC, IPSDC
 - Hearings 12/2012 and 4/2012
 - B- IEBC, IECC, IFC, IGCC, IPMC, IRC
 - Hearings 12/2013 and 4/2013

Publish 2015 Codes 4/2014

Development Process (cont'd)

Each Code has an ICC Committee

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Development Process (cont'd)

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- Development Hearings
 - Committee rules on testimony
- Final Action Hearings
 - Comments on Committee action
 - Code regulators only vote
 - Gives code official the understanding and intent of the code language for consistent enforcement

Life Safety focus

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- Only voting members vote on final action
- Actual number of voters
- 1 Vote can make the difference

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- Allow us to be able to do our jobs better

Region III ICC Committee



Region III ICC Committee

• Includes:

- Wisconsin
- North Dakota
- South Dakota
- lowa
- Minnesota



Region III Code Development Committee

 MN is currently the only State in the Region with a code development process in place. We do this under the Rules process of State Government

Region III Code Development Committee

- MN is currently the only State in the Region with a code development process in place
- Goal is to work together, share the load and the input to equal more respect at the hearing phase.

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- Bottom Line.
 - It is a Life Safety issue that has continued benefits to the jurisdiction and its citizens

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- See MN Statutes 326B.121

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- The SBC has and continues to provide direct benefits to the jurisdiction and its citizens.

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- Many more as well

Minnesota Code Development Committees

- Subcommittees review ALL code changes
 - Research
 - Understanding
- Create a voting guide
- Mn. Voting guides are recognized Nationally by many groups
- MN Amendments are proposed as changes

- Local Metro Building Officials
- Educational meetings
- Networking
- Uniformity of Enforcement

 Lets look at one simple example of how the codes work to provide safe buildings for all of us to live and work in and around

"New Homes Don't Burn?"

Or so I have been told...









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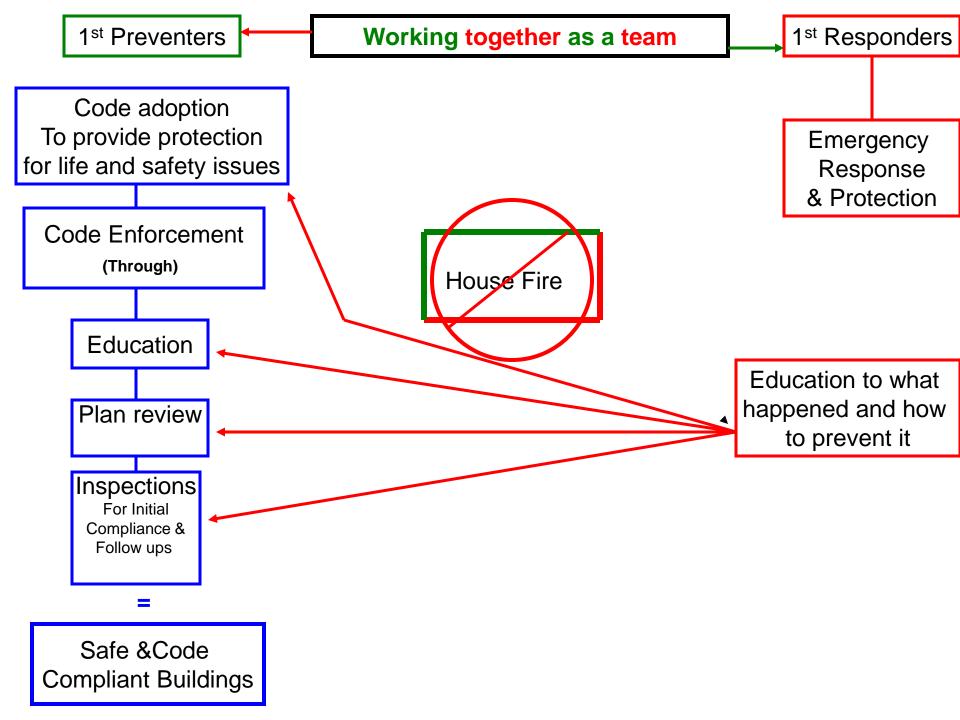
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 - Better built and more durably built buildings
 - More energy efficient buildings
 - Better ISO ratings =
 - Lower insurance rates for homeowners
 - Lower insurance rates for City itself

An ounce of Prevention is worth a pound of cure



Thank you for Your Continued Support:

 Allows us code and fire officials to work as a team, "Protecting lives and property through fair and consistent code enforcement, development, interpretation, and education."

Questions?