

# AGENDA



## Recommendation for Council Action

Austin City Council	Item ID	74393	Agenda Number	96.
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Meeting Date:	9/28/2017	Department:	Development Services
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### Subject

Conduct a public hearing and consider an ordinance adopting the 2015 International Building Code, the 2015 International Existing Building Code, and related local amendments.

### Amount and Source of Funding

There is no financial impact for this item.

### Fiscal Note

There is no financial impact for this item.

Purchasing Language:	
Prior Council Action:	June 6, 2013 - Council adopted the 2012 International Building Code and International Existing Building Code with local amendments.
For More Information:	Jose Roig 974-9754; Douglas Votra 974-2528.
Council Committee, Boards and Commission Action:	October 27, 2016 Approved by the Building and Fire Code Board of Appeals on 6-0 with Commissioners Abzug, Cannatti, Kiracofe and Schumann absent.
MBE / WBE:	
Related Items:	

### Additional Backup Information

The International Building Code provides a national standard for building commercial structures. The proposed ordinance will adopt the 2015 International Building Code and amend it to address particular installations and minimum construction standards for commercial buildings.

### Key Changes to the International Building Code:

- **Section 404.5 Atrium** ☐ **Smoke Control** -Atriums connecting only 2 stories do not require smoke control, unless atrium is in a Group I-2, Condition 2 facility.
- **Section 404.9, §404.10 Atrium** ☐ **Egress Travel not through an atrium** - §1017 Egress travel through an atrium on LED = 200, 50% of interior exit stairways are permitted to egress through an atrium on LED

- **§407.5 Size of Group I-2 Smoke Compartments** -Smoke compartments required on every story used by  $\geq 50$  persons, or persons receiving care, treatment or sleeping. Group I-2, Condition 1 – smoke compartments  $\leq 22,500$  ft<sup>2</sup>, Group I-2, Condition 2 – smoke compartments  $\leq 40,000$  ft<sup>2</sup>, Travel distance in a smoke compartment to a smoke barrier door  $\leq 200'$
- **Section 505.2.3 Mezzanines** -Not considered a story-  $\leq 33.3\%$  of floor area in the room where they are located. Floor area of mezzanine added to floor below, Mezzanine open to floor below,  $\leq 42"$  high wall, Can be enclosed if:  $OL \leq 10$ , or  $\beta \geq 2$  exits or exit access stairways, or Floor area  $\leq 10\%$
- **Section 1007.1.1.1 Measurement of Exit Separation** - Item 1 Distance between doorways measured to any point in doorway width. Item 2 Distance between exit access stairways measured to closest riser.
- **Section 1020.2 Corridor Width and Capacity** - Corridor width is based on use and Occupancy Load.
- **Section 3004 Elevator Hoistway Venting** - Deleted-No longer required to be vented to exterior.
- **Section 3006 - Design of elevator lobbies**- High-rise –elevator door protection only for elevators traveling  $> 75'$ .

#### **Highlights of Local Amendments to the International Building Code (IBC):**

- IBC Section G104.4 small changes per staff.
- IBC Section 105.1 to clarify an “annual” permit.
- IBC 105.2 1 Two new items exempt from permit. (14.Repair to gypsum board... 15.Emergency removal of water damaged material...)
- IBC 403.5.3.1 Two-Way communication system provided at every floor level if doors into stairway are capable of being locked.
- IBC 427 New code section regarding “Occupied Roofs” with related requirements.
- IBC 602.4.2 Deleted # 1 Fire retardant treated wood sheathing, Edited # 2 as Type X Gypsum.
- IBC 705.5 Fire-resistance ratings. Added code for Type III Buildings.
- IBC 903.2.1.6 Sprinkler requirements for occupied roofs.
- IBC 1027.3 Increased the open requirement on exit stairways and ramps to 50% open on perimeter of stair or ramp.

#### **Local Amendments to the International Existing Building Code (IEBC)**

- IEBC Section 105.5 Time limits amended to reflect that does not apply to annual permits.