

# 2018 IBC Update

*Based on the 2018 International Building Code,® (IBC®)*

ICC LEARNING CENTER

The *International Building Code*® (IBC®), establishes minimum regulations for building safety.

This handout will identify important changes in the IBC from 2015 to 2018 edition. Participants will be presented with those changes that will most impact their use of the code when they adopt these I-Codes. The learner will receive an overview of the most important code changes.

## Goal

Participants will be able to use this document to identify changes between the 2015 and 2018 IBC allowing them to apply these code requirements to design, plan submittals and/or inspection.

The lecture and activity format allows participants to discuss the changes, reasons for the changes, and answer knowledge review questions. Information presented will allow participants to apply these new code requirements to design, plan review, and/or inspection.

## Objectives

Upon completion, participants will be better able to:

- Identify the most significant differences between the 2015 and the 2018 IBC.
- Understand the intent and purpose of the changes.
- Identify changes in organization and formatting.
- Identify the application to design, plan review and inspection functions.

## Content

Chapters of the IBC included in this handout:

- Chapter 2, Definitions
- Chapter 3, Occupancy Classification and Use
- Chapter 4, Special Detailed Requirements Based on Use and Occupancy
- Chapter 5, General Building Heights and Areas
- Chapter 6, Types of Construction
- Chapter 7, Fire and Smoke Protection Features
- Chapter 8, Interior Finishes
- Chapter 9, Fire Protection and Life Safety Systems
- Chapter 10, Means of Egress
- Chapter 11, Accessibility
- Chapter 12, Interior Environment
- Chapter 13 Energy Efficiency
- Chapter 14, Exterior Walls
- Chapter 15, Roof Assemblies and Rooftop Structures
- Chapter 16, Structural Design
- Chapter 17, Special Inspections and Tests
- Chapter 22, Steel
- Chapter 23, Wood
- Chapter 30, Elevators and Conveying Systems
- Chapter 31, Special Construction
- Appendix N, Replicable Buildings

| Chapter 2: Definitions |      |   |   |
|------------------------|------|---|---|
| Code Section           |      | Section Title   | Description of Change   |
| 2018                   | 2015 |   |   |
| 202                    | 202  | <b>Definitions</b><br><br><b>(Several definitions have been added to this edition of the IBC, as well as deleting and revising existing definitions.)</b> | <p>New definitions include “Greenhouse” and “Repair Garage”.</p> <p>The definition for “Sleeping Unit” has been clarified</p> <p><b>GREENHOUSE.</b> A structure or thermally isolated area of a building that maintains a specialized sunlit environment used for, and essential to, the cultivation, protection or maintenance of plants.</p> <p><b>REPAIR GARAGE.</b> A building, structure or portion thereof used for servicing or repairing motor vehicles.</p> <p><b>SLEEPING UNIT.</b> <del>A room or space in which people sleep, which can also include</del> <u>single unit providing rooms or spaces for one or more persons that includes permanent provisions for sleeping, and can include provisions for living, eating, and either sanitation or kitchen facilities but not both. Such rooms and spaces that are also part of a dwelling unit are not sleeping units.</u></p> |

| Chapter 3: Occupancy Classification and Use |                |   |  |
|---|----------------|---|--|
| Code Section                                |                | Section Title   | Description of Change  |
| 2018  | 2015           |   |  |
| 302.1<br>Clarification                      | 302.1          | <b>Classification of Outdoor Areas</b>                | It has been clarified that occupied roofs are to be assigned one or more occupancy classifications in a manner consistent with the classification of uses inside the building, based upon the fire and life safety hazards posed by the rooftop activities.  |
| 303.4<br>Clarification                      | 303.4          | <b>Assembly Use of Greenhouses Classification</b>     | Where the use of the greenhouse is assembly in nature due to public access for the viewing of plants, classification as a Group A-3 occupancy is appropriate.  |
| 309.1<br>Clarification                      | 309.1          | <b>Mercantile Use of Greenhouses Classification</b>   | Where a greenhouse is provided with public access for the purpose of the display and sale of plants, a Group M occupancy shall be assigned.  |
| 310.3<br>310.4<br>Modification              | 310.4<br>310.5 | <b>Classification of Congregate Living Facilities</b> | Dormitories and similar nontransient uses now are to be considered as Group R-3 occupancies where the occupant load is 16 or less. In addition, transient lodging houses, such as bed-and-breakfast establishments, can only be considered as Group R-3 occupancies where their total occupant load is 10 or less. |

| Chapter 3: Occupancy Classification and Use, continued |         |   |   |
|--|---------|---|---|
| Code Section   |         | Section Title                                     | Description of Change   |
| 2018   | 2015    |   |   |
| 310.4.2<br>Modification                                | 310.5.2 | <b>Owner-Occupied Lodging Houses</b>              | The criteria permitting compliance with the IRC for the design and construction of owner-occupied lodging houses has been expanded by now also requiring that the total number of lodging house occupants be limited to 10.   |
| 311.1.1<br>Modification                                | 311.1.1 | <b>Classification of Accessory Storage Rooms</b>  | Regardless of size, storage rooms and spaces that are accessory to other uses are to be classified as part of the occupancy to which they are accessory.  |
| 312.1.1<br>Clarification                               | 312.1   | <b>Classification of Agricultural Greenhouses</b> | Because a Group U occupancy includes those low-hazard structures that do not conform to any other specific occupancy classification, it has been clarified that greenhouses are only to be considered as Group U where they are not more appropriately classified as one of the other occupancies established in the IBC. |

| Chapter 4: Special Detailed Requirements Based on Use and Occupancy |           |   |   |
|---|-----------|---|---|
| Code Section  |           | Section Title                                       | Description of Change   |
| 2018  | 2015      |   |   |
| 403.2.1.1<br>Modification   | 403.2.1.1 | <b>Type of Construction in High-Rise Buildings</b>  | The reduction in the minimum required fire-resistance ratings for certain building elements of high-rise buildings is no longer applicable to Group H-2, H-3 and H-5 occupancies due to the high physical hazard level such uses pose.                                      |
| 406.1<br>Clarification  | 406       | <b>Motor Vehicle-Related Occupancies</b>            | Provisions specific to motor-vehicle-related uses have been reformatted in a manner such that those requirements that apply to all such uses have been relocated in a single Section 406.1.   |
| 407.5<br>Modification   | 407.5     | <b>Maximum Smoke Compartment Size</b>               | The allowance for larger smoke compartments in hospitals and other Group I-2, Condition 2 occupancies has now been modified to only include compartments containing single-patient sleeping rooms and suites, as well as those compartments without patient sleeping rooms. |
| 407.5.4<br>Modification   |           | <b>Required Egress from Smoke Compartments</b>      | In Group I-2 occupancies, any smoke compartment that does not have an exit from the compartment must now provide direct access to a minimum of two adjacent smoke compartments.   |
| 420.7<br>Modification   |           | <b>Corridor Protection in Assisted Living Units</b> | Shared living spaces, group meeting spaces and multipurpose therapeutic spaces are now permitted to be open to fire-rated corridors in Group I-1 assisted living housing facilities provided specific conditions are met.   |
| 420.8<br>Addition   |           | <b>Group I-1 Cooking Facilities</b>                 | A room or space containing a cooking facility with domestic cooking appliances is now permitted to be open to a corridor in Group I-1 occupancies provided nine specific conditions are met.  |
| 420.10<br>Addition  |           | <b>Dormitory Cooking Facilities</b>                 | The installation and use of domestic cooking appliances are now regulated in both common areas and sleeping rooms of Group R-2 college dormitories.   |

| Chapter 4: Special Detailed Requirements Based on Use and Occupancy, continued |      |                                      |  |
|--|------|--------------------------------------|--|
| Code Section   |      | Section Title                        | Description of Change  |
| 2018   | 2015 |                                      |  |
| 427<br>Addition  |      | <b>Medical Gas Systems</b>           | In order to provide a more comprehensive and efficient compilation of construction regulations, those IFC medical gas system requirements related directly to building construction have now been replicated in the IBC.                 |
| 428<br>Addition  |      | <b>Higher Education Laboratories</b> | Higher education laboratories using hazardous materials can now be considered Group B occupancies provided such laboratories comply with new Section 428 which provides an alternative approach to the existing control area provisions. |

| Chapter 5: General Building Heights and Areas |                |   |  |
|---|----------------|---|--|
| Code Section                                  |                | Section Title   | Description of Change  |
| 2018  | 2015           |   |  |
| 503.1<br>706.1<br>Modification                | 503.1<br>706.1 | <b>Scope of Fire Wall Use</b>                               | The use of fire walls to create separate buildings is now limited to only the determination of permissible types of construction, based upon allowable building area and height.   |
| 503.1.4<br>Addition                           |                | <b>Allowable Height and Area of Occupied Roofs</b>          | New criteria is now provided establishing the appropriate methodology in the regulation of building height in stories above grade plane where one or more occupancies is located on the roof.  |
| Table 506.2,<br>Note i<br>Modification        | Table 506.2    | <b>Allowable Area of Type IIB, IIIB, and VB Greenhouses</b> | The tabular allowable area for nonsprinklered single-story greenhouses classified as Group U occupancies has been substantially increased for Type VB buildings to be consistent with those greenhouses classified as Group B, M, F-2 and E. Small increases also apply to Type IIB and IIIB buildings. The increase raises the allowable area in these three construction types to 9,000 square feet. |
| 510.2<br>Clarification                        | 510.2          | <b>Horizontal Building Separation</b>                       | Vertical offsets are permitted in the horizontal fire-resistance-rated separation mandated for "podium buildings" provided the minimum required fire-resistance rating is maintained for the offsets and their supporting elements.  |

| Chapter 6: Types of Construction     |                      |   |  |
|--------------------------------------|----------------------|---|--|
| Code Section                         |                      | Section Title   | Description of Change  |
| 2018                                 | 2015                 |   |  |
| Table 601,<br>Note b<br>Modification | Table 601,<br>Note b | <b>Fire Protection of Structural Roof Members</b>     | All portions of the roof construction, including primary structural frame members such as girders and beams, are now selectively exempted from fire-resistance requirements based on Table 601 where every portion of the roof construction is at least 20 feet above any floor below. |
| 602.3<br>602.4.1<br>Clarification    | 602.3<br>602.4.1     | <b>FRT Wood Sheathing in Exterior Wall Assemblies</b> | It has now been clarified that wood sheathing, as well wood framing, is permitted in exterior walls of Type III and IV buildings where fire-retardant-treated wood is used.  |

| Chapter 7: Fire and Smoke Protection Features    |                  |  |  |
|--|------------------|--|--|
| Code Section                                     |                  | Section Title  | Description of Change  |
| 2018   | 2015             |  |  |
| 704.2<br>704.4.1<br>Modification                 | 704.2<br>704.4.1 | <b>Column Protection in Light-Frame Construction</b>       | In walls of light-frame construction where primary structural frame members require fire-resistive protection, columns extending only between the bottom and top plates do not need to be provided with individual encasement protection.  |
| 705.2.3<br>705.2.3.1<br>705.2.4<br>Clarification | 1406.3<br>1406.4 | <b>Combustible Balconies, Projections, and Bay Windows</b> | Construction requirements for balconies, porches, decks, bay windows and oriel windows have been relocated from Section 1406 (Combustible Materials on the Exterior Side of Exterior Walls) to Section 705.2.3 (Combustible Projections).  |
| 706.1.1<br>Modification                          | 706.1.1          | <b>Party Walls Not Constructed as Fire Walls</b>           | Construction as a fire wall is no longer required for a party wall provided the aggregate height and area of the buildings on each side of the party wall are compliant with Chapter 5 and applicable easements and agreements are established addressing the maintenance of all fire and life safety systems of both buildings. |
| 706.2<br>Modification                            | 706.2            | <b>Structural Continuity of Double Fire Walls</b>          | In Seismic Design Categories D through F, floor and roof sheathing is permitted to continue through light-frame double fire wall assemblies where the sheathing does not exceed a thickness of ¾ inch.   |
| 708.4<br>Clarification                           | 708.4            | <b>Continuity of Fire Partitions</b>                       | The continuity requirements for fire partitions have been reformatted to provide for increased clarity of their construction requirements.   |
| 713.8.1<br>Modification                          | 713.8.1          | <b>Membrane Penetrations of Shaft Enclosures</b>           | Membrane penetrations not related to the purpose of a shaft enclosure are no longer prohibited from penetrating the outside of the enclosure.  |
| 716.2.6.5<br>Addition                            |                  | <b>Delayed-Action Self-Closing Doors</b>                   | Self-closing doors that are not also required to be automatic-closing are now permitted to be equipped with delayed-action closers.  |

| Chapter 8: Interior Finishes |       |  |  |
|------------------------------|-------|--|--|
| Code Section                 |       | Section Title  | Description of Change  |
| 2018                         | 2015  |  |  |
| 803.3<br>Modification        | 803.3 | <b>Interior Finish Requirements for Heavy Timber Members</b> | Materials considered heavy timber members must now comply with interior finish requirements where exposed in interior exit stairways and exit passageways.   |
| 803.11<br>803.12<br>Addition |       | <b>Flame Spread Testing of Laminates and Veneers</b>         | Specific flame-spread testing provisions have been added to the IBC to address the use of factory-produced laminated products with a wood substrate as well as facings and wood veneers applied over a wood substrate on site. |

| Chapter 9: Fire Protection and Life Safety Systems |          |   |  |
|--|----------|---|--|
| Code Section                                       |          | Section Title   | Description of Change  |
| 2018   | 2015     |   |  |
| 901.6.2<br>Addition                                |          | <b>Integrated Fire Protection System Testing</b>                                | Test criteria have been added to the code with a reference to new NFPA 4, <i>Standard for Integrated Fire Protection and Life Safety System Testing</i> , to ensure that where multiple fire protection systems or life safety systems are integrated, the acceptance process and subsequent testing must evaluate all of the integrated systems as a whole. |
| 903.2.3<br>Modification                            | 903.2.3  | <b>Sprinklers in Group E occupancies</b>  | Criteria for occupant load threshold and location within the building have been added as conditions that could require sprinkler protection in an Group E educational occupancy.   |
| 903.3.1.2.3<br>Addition                            |          | <b>Protection of Attics in Group R Occupancies</b>                              | Sprinkler protection or acceptable alternative methods for the protection of attics are now addressed for mid-rise buildings housing multi-family occupancies and equipped with an NFPA 13R sprinkler system.  |
| 904.13<br>Modification                             | 904.13   | <b>Domestic Cooking Protection in Institutional and Residential Occupancies</b> | Where domestic-type cooking operations are present in Group I-1 occupancies and college dormitories classified as Group R-2, an automatic fire-extinguishing system is now mandated in conjunction with the required hood over any cooktop or range.   |
| 905.3.1<br>Modification:                           | 905.3.1  | <b>Class III Standpipes</b>   | Standpipe system protection is now required in those buildings having four or more stories above or below grade plane regardless of the vertical distance between the floor level of the highest story and the level of the fire department vehicle access.  |
| 905.4<br>Modification                              | 905.4    | <b>Class I Standpipe Connection Locations</b>                                   | Modifications have been made regarding the location of hose connections within interior exit stairway enclosures as well as the minimum number of connections required where open breezeways and open stairs are provided.   |
| 907.2.1<br>Modification                            | 907.2.1  | <b>Fire Alarms in Group A Occupancies</b>                                       | An additional criterion now mandates the installation of a manual fire alarm system where there is a Group A occupant load of more than 100 located above or below the level of exit discharge.  |
| Deleted  | 907.2.10 | <b>Group R-4 Fire Alarm Systems</b>   | The installation of a manual fire alarm system and an automatic smoke detection system are no longer required in Group R-4 occupancies.  |

| Chapter 10: Means of Egress            |                   |  |  |
|--|-------------------|--|--|
| Code Section                           |                   | Section Title  | Description of Change  |
| 2018                                   | 2015              |  |  |
| Table 1004.5<br>1004.8<br>Modification | Table<br>1004.1.2 | <b>Occupant Load Calculation in Business Use Areas</b>             | The method of calculating occupant load in business areas has been revised which will typically result in reduced design occupant loads. The general factor has been established at 1 occupant per 150 square feet, however, higher design occupant loads can be now be assigned to concentrated business areas such as telephone call centers and similar uses. |
| 1009.7.2<br>Modification               | 1009.7.2          | <b>Protection of Exterior Areas of Assisted Rescue</b>             | The exterior wall rating and protection of exterior openings is not required adjacent to an exterior area of assisted rescue where the building is sprinklered throughout.   |
| 1010.1.1<br>Clarification              | 1010.1.1          | <b>Size of Doors</b>   | Provisions addressing limits to the width and height of door openings have been selectively reformatted and revised as necessary to correlate with the technical accessibility requirements of ICC A117.1.   |
| 1010.1.4.4<br>Addition                 |                   | <b>Locking Arrangements in Educational Occupancies</b>             | Guidance has been provided to allow for enhanced security measures on educational classroom egress doors and yet still continue to comply with applicable means of egress requirements.  |
| 1010.1.9.8<br>Modification             | 1010.1.9.7        | <b>Use of Delayed Egress Locking Systems in Group E Classrooms</b> | The allowance for the use of delayed egress locking systems has been expanded to also include egress doors serving Group E classrooms with an occupant load of less than 50, as well as secondary exits or exit access doors serving courtrooms.   |
| 1013.2<br>Modification                 | 1013.2            | <b>Floor Level Exit Sign Location</b>                              | The permitted location for low-level exit signs selectively required in Group R-1 occupancies has been expanded to now allow the bottom of such sign to be mounted up to 18 inches above the floor.  |

| Chapter 11: Accessibility  |            |  |   |
|----------------------------|------------|--|---|
| Code Section               |            | Section Title  | Description of Change   |
| 2018                       | 2015       |  |   |
| 1103.2.14<br>Modification  | 1103.2.14  | <b>Access to Walk-In Coolers and Freezers</b>          | Revised conditions have now been placed on the use of walk-in cooler and freezers exempted from accessibility provisions by requiring them to be accessed from only employee work areas and limiting the scope to only pieces of equipment. |
| 1109.2.1.2<br>Modification | 1109.2.1.2 | <b>Fixtures in Family or Assisted-Use Toilet Rooms</b> | Family or assisted-use toilet rooms may now also contain a child height water closet and lavatory in order to provide a higher level of accommodation.  |

| Chapter 12: Interior Environment |                  |   |   |
|----------------------------------|------------------|---|---|
| Code Section                     |                  | Section Title                                     | Description of Change   |
| 2018                             | 2015             |   |   |
| 1207.2<br>1207.3<br>Modification | 1207.2<br>1207.3 | <b>Engineering Analysis of Sound Transmission</b> | A performance-based alternative approach for meeting the required sound transmission class ratings for unit separation walls and floor/ceiling assemblies in residential buildings has been introduced which allows for the use of an engineering analysis based upon a comparison to previously-tested assemblies. |

| Chapter 15: Roof Assemblies and Rooftop Structures |      |                            |   |
|--|------|----------------------------|---|
| Code Section                                       |      | Section Title              | Description of Change   |
| 2018   | 2015 |                            |   |
| 1504.3.3<br>Addition                               |      | <b>Metal Roof Shingles</b> | Metal roof shingles are now addressed separately from other metal panel roof systems with reference made to applicable standards for the labeling and testing of wind resistance for the shingles.                                    |
| 1507.1.1<br>Clarification                          | 1507 | <b>Underlayment</b>        | Reorganization: Underlayment and ice barrier requirements have been relocated from sections describing each type of roofing material and placed into one new section describing the type, attachment and application of underlayment. |

| Chapter 16: Structural Design |              |                         |   |
|-------------------------------|--------------|-------------------------|---|
| Code Section                  |              | Section Title           | Description of Change   |
| 2018                          | 2015         |                         |   |
| 1604.10<br>Addition           |              | <b>Storm Shelters</b>   | The development of loads for storm shelters is to be based on ICC 500 which provides wind speeds for tornado and hurricane shelter design using ASCE 7 load combinations.   |
| Table 1607.1<br>Modification  | Table 1607.1 | <b>Deck Live Load</b>   | Table 1607.1 is now consistent with the provisions in the 2010 and 2016 editions of ASCE 7 for minimum uniformly distributed live loads on decks and balconies by increasing the deck live load to one and one-half times the live load of the area served.                             |
| 1609<br>Modification          | 1609         | <b>Wind Loads</b>       | Section 1609 now has updated wind speed maps, including maps for the state of Hawaii. Terminology for describing wind speeds has been changed again with ultimate design wind speeds now called basic design wind speeds.   |
| 1613.2.1<br>Modification      | 1613.3.1     | <b>Seismic Maps</b>     | The IBC seismic maps have been updated to match new maps in the 2015 NEHRP Provisions and 2016 ASCE 7 standard.   |
| 1613.2.3<br>Modification      | 1613.3.3     | <b>Earthquake Loads</b> | The site coefficients contained in the IBC have now been brought into alignment with the newest generation of ground motion attenuation equations.  |
| 1615<br>Addition              |              | <b>Tsunami Loads</b>    | There are many coastal communities in the western United States and on islands in the Pacific Ocean which need tsunami-resistant design of critical infrastructure and essential facilities. New IBC Section 1615, Tsunami Loads, has been added to address design of these facilities. |

| Chapter 17: Special Inspections and Tests |          |   |   |
|---|----------|---|---|
| Code Section                              |          | Section Title                             | Description of Change   |
| 2018                                      | 2015     |   |   |
| 1704.6<br>Modification                    | 1704.6   | <b>Structural Observations</b>            | Section 1704.6.1 has been added requiring structural observation of buildings that are considered a high-rise or assigned to Risk Category IV.            |
| 1705.2.2<br>Modification                  | 1705.2.2 | <b>Metal-plate-connected Wood Trusses</b> | Five-foot tall wood trusses requiring permanent bracing now require a periodic special inspection to verify that the required bracing has been installed. |
| 1705.12.6<br>Item 6<br>Addition           |          | <b>Fire Sprinkler Clearance</b>           | Section 1705.12.6 adds a provision for minimum clearance of fire sprinkler components considered as a designated seismic system.                          |

| Chapter 22: Steel                            |                              |  |   |
|--|------------------------------|--|---|
| Code Section                                 |                              | Section Title  | Description of Change   |
| 2018   | 2015                         |  |   |
| 2207.1<br>2211<br>Chapter 35<br>Modification | 2207.1<br>2211<br>Chapter 35 | <b>SJI standard and Cold-formed Steel Light-frame Construction</b> | The 2015 edition of the combined SJI-100, Standard Specification for K-Series, LH-Series, and DLH-Series Open Web Steel Joists and Joist Girders, is the new referenced standard for steel joists. The 2015 editions of the AISI standards for cold-formed steel are now adopted, including AISI S240, AISI S400 and AISI S202. |

| Chapter 23: Wood                                    |                                     |  |  |
|---|-------------------------------------|--|--|
| Code Section  |                                     | Section Title  | Description of Change  |
| 2018  | 2015                                |  |  |
| 2303.2.2<br>Modification                            | 2203.2.2                            | <b>Fire-retardant treated wood</b>                       | Engineered lumber of FRT wood is to be impregnated, as paints, coatings, stains and other surface treatments are not approved methods.   |
| 2304.11<br>Clarification                            | 602.4                               | <b>Heavy-timber Construction</b>                         | The heavy-timber provisions of Chapter 23 have been reorganized. In addition, a new Table 2304.11, identifies the minimum dimensions of heavy-timber structural members and engineered lumber dimensional equivalencies. |
| 2304.12.2.5<br>2304.12.2.6<br>Modification          | 2304.12.2.5<br>2304.12.2.6          | <b>Supporting Members for Permeable Floors and Roofs</b> | The provisions for permeable floors and roofs are modified to require positive drainage of water and ventilation below the floor or roof to protect supporting wood construction.  |
| Tables<br>2308.4.1.1<br>(1) and (2)<br>Modification | Tables<br>2308.4.1.1<br>(1) and (2) | <b>Header and Girder Spans –Bearing Walls</b>            | The header and girder spans for the exterior and interior bearing wall tables have been updated to allow #2 Southern Pine design values rather than #1 Southern Pine thereby reducing span lengths.                      |

| Chapter 30: Elevators and Conveying Systems |        |   |   |
|---|--------|---|---|
| Code Section                                |        | Section Title   | Description of Change   |
| 2018  | 2015   |   |   |
| 3006.2.1<br>Clarification                   |        | <b>Corridors Adjacent to Elevator Hoistway Openings</b> | Elevator hoistway openings must be protected per Section 3006.3 where the elevator opens directly into a fire-resistance-rated corridor. Opening protection shall consist of an enclosed elevator lobby, additional door(s), or pressurization of the hoistway.       |
| 3008.1.1<br>Modification                    | 3008.1 | <b>Required Number of Occupant Evacuation Elevators</b> | A reduction in the minimum number of elevators that must be considered as occupant evacuation elevators now reflects a more reasonable performance-based approach while still retaining the capacity to evacuate a high-rise building more quickly than stairs alone. |

| Chapter 31: Special Construction |      |                              |  |
|----------------------------------|------|------------------------------|--|
| Code Section                     |      | Section Title                | Description of Change  |
| 2018                             | 2015 |                              |  |
| 3112<br>Addition                 |      | <b>Relocatable Buildings</b> | A process of acceptance for relocatable modular buildings has been established in order to provide clear and consistent direction in the relocation, reuse and/or repurposing of such buildings. |

| Chapter 33: Safeguards During Construction |      |                                       |   |
|--|------|---------------------------------------|---|
| Code Section                               |      | Section Title                         | Description of Change   |
| 2018                                       | 2015 |                                       |   |
| 3314<br>Addition                           |      | <b>Fire Watch During Construction</b> | In order to protect adjacent properties from fire in a building of considerable height when under construction, new provisions have been established to give authority to the fire code official to require a fire watch during those hours where no construction work is being done. |

| Appendix N: Replicable Buildings |      |  |   |
|----------------------------------|------|--|---|
| Code Section                     |      | Section Title                              | Description of Change   |
| 2018                             | 2015 |  |   |
| Appendix N<br>Addition           |      | <b>Guidelines for Replicable Buildings</b> | Guidelines for replicable buildings have been added to the appendix in order to give jurisdictions a tool they can adopt to help streamline the plan review process in regard to code compliance. |



