<table>
<thead>
<tr>
<th>2021 Code Section</th>
<th>2018 Code Section</th>
<th>Title or Subject</th>
<th>Reviewers Comments</th>
<th>Cost (Y/N)</th>
<th>Amend Needed (Y/N)</th>
<th>TAG Comments / Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>101.2.1</td>
<td>None</td>
<td>Application of fire code</td>
<td>Adds pointer to IFC Chapter 11</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>103</td>
<td>103</td>
<td>Code compliance agency</td>
<td>Changes name of section, adds fill in the blank for jurisdictions to add their department names. Matches changes to IBC</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>105.2 (Building)</td>
<td>Same</td>
<td>Work exempt from permit</td>
<td>Adds another exception for nonfixed and movable cases, counters and partitions not over 5 feet 9 inches in height</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>109.3.10</td>
<td>None</td>
<td>Flood hazard documentation</td>
<td>Requirement to document elevation of lowest floor level in flood hazard areas; refers to IBC or IRC for compliance.</td>
<td>Y</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>110.1</td>
<td>110.1</td>
<td>Certificate of Occupancy</td>
<td>Adds a new exception exempting work exempt from permits in accordance with Section 105.2.</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>110.4</td>
<td>110.4</td>
<td>Revocation</td>
<td>Adds &quot;or other ordinance of the jurisdiction&quot; to reasons why a code official is authorized to revoke a CO.</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>111.2</td>
<td>111.2</td>
<td>Temporary connection</td>
<td>Adds water and sewer to the things the code official can approve temporary connections to</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>114.3</td>
<td>N/A</td>
<td>Emergencies</td>
<td>New section specifying that where an emergency exists, the code official is not required to give a written notice prior to stopping the work.</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>115.1</td>
<td>115.1</td>
<td>Unsafe structures and equipment</td>
<td>Changes to reference structures instead of buildings. Clarifies that vacant structures that are not secured are unsafe.</td>
<td>N</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>

**Chapter 2—General Definitions**

| 202               | 202               | Change of Occupancy | Reformats the definition. Definition seems clearer. | N          | N                 |                               |
| 202               | 202               | Change of Use       | New definition. Was previously used in chapter 10. | N          | N                 |                               |
| 202               | 202               | Emergency Escape and Rescue Opening | New definition; consistent with IBC. | N          | N                 |                               |
| 202               | 202               | Exterior Wall Covering | New definition; consistent with IBC. | N          | N                 |                               |
| 202               | 202               | Exterior Wall Envelope | New definition; consistent with IBC. | N          | N                 |                               |

**Chapter 3—Provisions for All Compliance Methods**
<table>
<thead>
<tr>
<th>Section</th>
<th>Previous Section</th>
<th>Category</th>
<th>Description</th>
<th>New N</th>
<th>Old N</th>
</tr>
</thead>
<tbody>
<tr>
<td>301.1</td>
<td>301.1</td>
<td>Applicability</td>
<td>Added language to clarify that 302 through 309 apply to all methods of compliance. Added reference to ICC 300 for assembly seating.</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>301.3</td>
<td>301.3</td>
<td>Alteration, addition or change of occupancy</td>
<td>New language clarifies that the exception doesn’t apply to alterations for accessibility required by Section 306.</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>302.2.1</td>
<td>None</td>
<td>Additional codes in health care</td>
<td>New section, refers to NFPA 99 for health care facilities.</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>303</td>
<td>None</td>
<td>Storm Shelters</td>
<td>Storm shelter requirements have been relocated from Section 1106. The required occupant capacity is now limited to the total occupant load of the classrooms, vocational rooms and offices in the school while the maximum distance of travel has been deleted.</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>306.2</td>
<td>None</td>
<td>Design (accessibility)</td>
<td>Relocated reference to 117.1</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>305.2</td>
<td>306.3</td>
<td>Maintenance and repair</td>
<td>Requirement added to maintain accessible means of egress during construction.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>306.3.1</td>
<td>None</td>
<td>Prohibited reduction in accessibility</td>
<td>New section clarifying no alterations can be done that would decrease accessibility</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>306.7.2/3/4</td>
<td>305.6</td>
<td>Alterations/accessibility</td>
<td>Relocated sections</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>306.7.6</td>
<td>None</td>
<td>Accessible route</td>
<td>New requirement stating that exterior elements must be at least 36 inches wide</td>
<td>?</td>
<td>Y</td>
</tr>
<tr>
<td>306.7.10</td>
<td>305.8.6/7/8</td>
<td>Accessible dwelling units</td>
<td>Relocated requirements for when to provide type A / type B units</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>307</td>
<td>None</td>
<td>Smoke Alarms</td>
<td>Requirement to add smoke alarms for all group R and I-1 for any classification of work</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>308</td>
<td>None</td>
<td>Carbon Monoxide Detection</td>
<td>Requirement to add carbon monoxide detection in group I, R, and E under some circumstances</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>309</td>
<td>None</td>
<td>Exterior Envelope</td>
<td>Requirements for when exterior envelope must comply with new construction</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

**Chapter 4—Repairs**

**TAG Member: Kim**

<table>
<thead>
<tr>
<th>Section</th>
<th>Previous Section</th>
<th>Category</th>
<th>Description</th>
<th>New N</th>
<th>Old N</th>
</tr>
</thead>
<tbody>
<tr>
<td>401.1.1</td>
<td>None</td>
<td>Bleachers, grandstands and folding and telescopic seating.</td>
<td>New section refers to ICC 300 for repairs to existing bleachers, grandstands and folding and telescopic seating.</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Section</td>
<td>Description</td>
<td>Clarification</td>
<td>Y/N</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>---------------</td>
<td>-----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>405.2.4</td>
<td>Substantial structural damage to gravity load-carrying components.</td>
<td>Clarifies that snow loads must be addressed for the repair of substantial structural damage regardless of whether the damage was a result of snow. Previously, consideration of snow load effects was only required when substantial structural damage was caused by snow loads.</td>
<td>Y/N</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Chapter 5—Prescriptive compliance method

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Clarification</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>502.6; 503.16; 506.6</td>
<td>Enhanced classroom acoustics</td>
<td>Additions, Level 3 alterations and changes of occupancy in educational occupancies are now required to meet the enhanced classroom acoustic requirements of Section 808 of ICC A117.1.</td>
<td>Y/N</td>
</tr>
<tr>
<td>503.4</td>
<td>Existing structural elements carrying lateral load</td>
<td>Adds exception 2. The addition of equipment to the roof without a full structural analysis is now permitted when the equipment weighs less than 400 pounds and is less than 10 percent of the total roof dead load.</td>
<td>Y/N</td>
</tr>
<tr>
<td>503.12</td>
<td>Roof diaphragms resisting wind loads in high-wind regions</td>
<td>Adds new exception. The requirements of Sections 503.12 and 707.3.2 have been relaxed so that the evaluation of wind loads is now only required when the ultimate design wind speed is greater than 130 mph.</td>
<td>Y/N</td>
</tr>
<tr>
<td>503.17</td>
<td>Locking arrangements in educational occupancies.</td>
<td>Requirements in the IBC have been referenced to provide special allowances for educational occupancies with regard to door lock mechanisms.</td>
<td>Y/N</td>
</tr>
<tr>
<td>506.4</td>
<td>Existing emergency escape and rescue openings.</td>
<td>New provisions allow the use of existing and smaller replacement windows for emergency escape and rescue openings within a change of occupancy when applying both the prescriptive and work area methods, providing flexibility while still maintaining the level of safety for occupants and emergency responders.</td>
<td>Y/N</td>
</tr>
</tbody>
</table>
Since the 2012 edition of the IEBC, a project with a change of occupancy triggers a seismic upgrade only when the change is so significant that it moves the building into a higher risk category. While this is preferable to the pre-2012 triggers, which were complex, an increasingly common case has been missed in which an unoccupied storage, parking, or utility area is converted to an occupied residential unit, leasable office or commercial space. In a seismically deficient building, such a change amounts to adding units to a substandard building, and often in the ground story of a soft-story building. This risk is equivalent to constructing new housing to obsolete seismic standards. The growing interest in accessory dwelling units (ADUs) makes the problem more urgent when ADUs are proposed inside older storage buildings. Converting collapse-prone unoccupied space to new occupied space represents a significant increase in risk that the code has not previously addressed. Because Group S, U, R, B and M occupancies are generally assigned to Risk Category II, a change from a Group S or U occupancy to a Group R, B or M occupancy typically has not triggered any seismic work.

### Chapter 6—Classification of work

| TAG Member: | 603.1 | 603.1 | Alteration-Level 1; Scope | Furniture, such as office cubicles, reception desks and small bookcases, is exempt from a permit and not intended to be a Level 2 alteration. | Y | N |

### Chapter 7—Alterations - Level 1

<p>| TAG Member: Sue | 702.4 | 702.4 | Window opening control devices on replacement windows. | Threshold changed to bottom of clear opening vs. bottom of window sill | Y | N |
| 702.5.1 | N/A | Control devices Bars, grilles, covers or screens. | New section with criteria for control devices on EEROs | N | N |
| 702.6 | N/A | Projections in nursing home corridors Casework | New section with criteria for bars, grills, covers or screens on EEROs | N | N |
| 704.1.1 | N/A | Projections in nursing home corridors | New section with allowances for projections in corridors in Group I-2, Condition 1 | N | N |
| 704.2 | N/A | Egress path requirements for movable casework | | N | N |
| 704.3 | N/A | Locking arrangements in educational occupancies Structural and construction loads | Locking requirements for Group E, Group B educational, and Group I-4 | N | N |
| N/A | 705.2 | Section removed from 2021 code | | N | N |</p>
<table>
<thead>
<tr>
<th>Section</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>705.4</td>
<td>Reinstallation of materials</td>
</tr>
<tr>
<td>706.3.2</td>
<td>Roof diaphragms resisting wind loads in high-wind regions</td>
</tr>
<tr>
<td>707</td>
<td>Electrical</td>
</tr>
</tbody>
</table>

**Chapter 8—Alterations - Level 2**

**TAG Member: Sue**

<table>
<thead>
<tr>
<th>Section</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>801.3</td>
<td>Systems installations</td>
</tr>
<tr>
<td>802.3</td>
<td>Smoke compartments</td>
</tr>
<tr>
<td>802.4</td>
<td>Interior finish</td>
</tr>
<tr>
<td>802.4.1</td>
<td>Supplemental interior finish requirements</td>
</tr>
<tr>
<td>803.2.2</td>
<td>Groups A, B, E, F-1, H, I-1, I-3, I-4, M, R-1, R2, R-4, S-1 and S-2</td>
</tr>
<tr>
<td>803.2.3</td>
<td>Group I-2</td>
</tr>
<tr>
<td>803.2.5</td>
<td>Other required automatic sprinkler systems</td>
</tr>
<tr>
<td>803.2.6</td>
<td>Supervision</td>
</tr>
<tr>
<td>803.4.1.2</td>
<td>Group I-1</td>
</tr>
<tr>
<td>803.4.1.3</td>
<td>Group I-2</td>
</tr>
<tr>
<td>804.3</td>
<td>Group I-2</td>
</tr>
<tr>
<td>Section</td>
<td>New Section</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>804.1.1</td>
<td>805.4.1.1</td>
</tr>
<tr>
<td>804.1.1</td>
<td>805.4.1.1</td>
</tr>
<tr>
<td>804.5.1.2</td>
<td>805.4.1.2</td>
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<tr>
<td>804.5.4</td>
<td>805.4.4</td>
</tr>
<tr>
<td>804.6.3</td>
<td>805.5.3</td>
</tr>
<tr>
<td>804.7</td>
<td>805.6</td>
</tr>
<tr>
<td>804.11</td>
<td>805.1</td>
</tr>
<tr>
<td>806.3</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Chapter 9 - Alterations - Level 3

TAG Member: Sue
<table>
<thead>
<tr>
<th>Section</th>
<th>Previous Section</th>
<th>New Section</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>903.4</td>
<td>903.4</td>
<td>Enhanced classroom acoustics</td>
<td>New in 2021 code requiring enhanced classroom acoustics for all Group E classrooms with a volume of 20,000 ft³ or less</td>
</tr>
<tr>
<td>904.1.4</td>
<td>N/A</td>
<td>New section in 2021 code requiring sprinklers for Level 3 work areas</td>
<td>Need to modify to remove R-4 occupancy</td>
</tr>
<tr>
<td>904.1.5</td>
<td>N/A</td>
<td>New section in 2021 code requiring sprinklers for I-2 occupancies for 3 conditions of work area</td>
<td>Y</td>
</tr>
<tr>
<td>904.1.6</td>
<td>N/A</td>
<td>New section in 2021 code requiring sprinklers for windowless stories where new construction would require it.</td>
<td>Y</td>
</tr>
<tr>
<td>904.1.7</td>
<td>904.1.4</td>
<td>Other required automatic sprinkler systems</td>
<td>New section in 2021 code requiring sprinklers for windowless stories where new construction would require it.</td>
</tr>
<tr>
<td>905.4</td>
<td>N/A</td>
<td>Two-way communications systems.</td>
<td>New section in 2021 code requiring 2-way communication systems in buildings w/elevator service when required by IBC Section 1009.8.</td>
</tr>
</tbody>
</table>

### Chapter 10—Change of Occupancy

**TAG Member: Chris**

<table>
<thead>
<tr>
<th>Section</th>
<th>Previous Section</th>
<th>New Section</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002.1</td>
<td>None</td>
<td>Compliance with the building code</td>
<td>Reorganized to move list to chapter 4</td>
</tr>
<tr>
<td>1002.2</td>
<td>None</td>
<td>Incidental uses</td>
<td>Clarifies that if incidental uses listed in IBC 509.1 are introduced they have to comply with IBC</td>
</tr>
<tr>
<td>1002.3</td>
<td>None</td>
<td>Change of occupancy in health care</td>
<td>New section that requires Group I2/I1 changes in occupancy to comply with IBC within work area with a few exceptions</td>
</tr>
<tr>
<td>1002.4</td>
<td>None</td>
<td>Storage</td>
<td>When you change a room in I2 to storage have to make smoke partition</td>
</tr>
<tr>
<td>1006.3</td>
<td>1006.3</td>
<td>Seismic Loads</td>
<td>Adds &quot;or where the change is from a Group S or Group U occupancy to any other occupancy&quot; — also adds exception 4</td>
</tr>
<tr>
<td>1009.1</td>
<td>1009.1</td>
<td>Increased demand</td>
<td>Adds exception — new plumbing required only when occupant load increased by more than 20 percent</td>
</tr>
</tbody>
</table>
### Chapter 11—Additions

**TAG Member: Chris**

<table>
<thead>
<tr>
<th>Section</th>
<th>Change</th>
<th>Description</th>
<th>N</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1104.4</td>
<td>None</td>
<td>Enhanced Classroom Acoustics</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Relocated to Chapter 3</td>
<td></td>
<td>Requires classrooms in additions to comply with acoustical requirements of ANSI A117.1</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

**Chapter 12—Historic buildings**

**TAG Member: Andrea**

<table>
<thead>
<tr>
<th>Section</th>
<th>Change</th>
<th>Description</th>
<th>N</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1201.3</td>
<td>1201.3</td>
<td>Special occupancy exceptions—museums</td>
<td>Minor changes to language</td>
<td>N</td>
</tr>
<tr>
<td>1203.4</td>
<td>1203.4</td>
<td>Transoms</td>
<td>Changes language from &quot;fully sprinklered buildings&quot; to &quot;automatic sprinkler systems&quot;</td>
<td>N</td>
</tr>
<tr>
<td>1204.9</td>
<td>1203.5</td>
<td>Interior finishes</td>
<td>Condenses some sections &amp; broadens language so as not to limit interior finish materials / allows coating</td>
<td>N</td>
</tr>
</tbody>
</table>

**Chapter 13—Performance compliance method**

**TAG Member: Chris**

<table>
<thead>
<tr>
<th>Section</th>
<th>Change</th>
<th>Description</th>
<th>N</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1301.2.6</td>
<td>None</td>
<td>Plumbing Fixtures</td>
<td>References Sections 1009 for change in occupancy and 808 for without change in occupancy</td>
<td>N</td>
</tr>
</tbody>
</table>

**Chapter 14—Relocated or moved buildings**

**TAG Member: Andrea**

<table>
<thead>
<tr>
<th>Section</th>
<th>Change</th>
<th>Description</th>
<th>N</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1401.1.1</td>
<td></td>
<td>Bleachers, grandstands and folding and telescopic seating</td>
<td>Completely new sub section that requires relocated or moved bleachers, grandstands, and folding seating to comply with ICC 300.</td>
<td>N</td>
</tr>
</tbody>
</table>
### Chapter 15—Construction safeguards

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1501.2.1</td>
<td>Structural and construction loads</td>
<td>New sub section: Structural roof components shall be capable of supporting the roof-covering system and the material and equipment loads that will be encountered during installation of the system. Seems obvious but clarifying load capacity while installing is a good idea.</td>
</tr>
<tr>
<td>1502.2</td>
<td>Excavation retention systems</td>
<td>Adds section to describe support needed for excavation retention systems. Has the possibility for adding to project costs as it requires excavation retention systems to be designed by a design professional and requires monitoring of system and adjacent structures for any movement.</td>
</tr>
<tr>
<td>1509.1</td>
<td>When required</td>
<td>Water supply should be made available as soon as combustible building material arrives on site / exception gives fire code official authorization to reduce fire-flow requirements for various reasons. Adds clarity.</td>
</tr>
<tr>
<td>1509.2</td>
<td>Combustible building materials</td>
<td>Requires fire flow of 500 gallons per minute and within 500 feet of combustible building materials. Is this in IFC?</td>
</tr>
<tr>
<td>1509.3</td>
<td>Vertical construction of Types III, IV, V construction</td>
<td>Sets fire separation parameters for &gt; 30 ft, 30-60 ft and &lt; 30 ft. Is this in IFC?</td>
</tr>
<tr>
<td>1509.4</td>
<td>Vertical construction, Types I and II construction</td>
<td>Combustible building materials delivered to site, water supply to be supplied; additional supply for fire flow not required before beginning construction. Is this in IFC?</td>
</tr>
<tr>
<td>1509.5</td>
<td>Standpipe supply</td>
<td>Requires water supply be provided at 500 gallons per minute and a fire hydrant used for water supply to be placed 100 ft of fire department connection supplying standpipe. Is this in IFC?</td>
</tr>
</tbody>
</table>

### Chapter 16—Referenced standards

<table>
<thead>
<tr>
<th>TAG Member: Andrea</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Change</td>
</tr>
</tbody>
</table>

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TAG Member: Andrea