

**Washington State Building Code Council • Code Change Cycle 2018 Group 1  
2018 International Building Code and Existing Building Code TAG Review  
Summary Approved by the SBCC for Further TAG Action**

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
<b>IBC Chapter 1 Scope and Administration</b> (Jim Tinner) TAG Reviewed						
107.2.8	None	Relocatable buildings	This section requires that relocatable buildings comply with section 3112. This is probably a typo as “Relocatable buildings” is section 3113. Recommend not adopting this section a section 3113 has a lot of language that falls under the purview of L&I FAS.	?	Y	Jim Tinner recommends to not adopt  <b>Jim Tinner will write proposal</b>
<b>Chapter 2 Definitions</b> (Jim Tinner) TAG Reviewed						
202	202	Greenhouse	Greenhouse: New definition. 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.  This probably conflicts with current state amendment regarding greenhouses not being considered structures as long as they are temporary and flexible membrane covered.	N	Y	Needs to be correlated with other codes/ sections and state amendments  <b>Staff will draft proposal</b>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
202	202	Repair	Repair: Changed definition include replacement of any part of an existing building.  This should be clarified that it does not include replacing the entire structure.	N	Y	General agreement that it needs clarification— Forward to committee Look at IEBC  Staff will draft proposal
	<b>IBC Chapter 3 Use and Occupancy Classification</b> (John Williams, Dean Giles, Chris Seaman, Micah Chappell) TAG Reviewed					
307.1.1	None	Uses other than Group H	Adds fuel cells, capacitor energy storage systems, and higher education laboratories to list	Y	Maybe	Compatible with IFC? Yes Staff will draft summary for TAG Review
310.4	310.5	Residential Group R-3	Expands on lodging houses to say ≤5 guestrooms and ≤10 occupants	N	Maybe	Check alignment with IRC Staff will draft summary for TAG Review

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IBC Chapter 4 Special Detailed Requirements Based on Occupancy (Allen Spaulding, Chris Seaman) TAG Reviewed						
420.7	None	Groups I-1, R-1, R-2, R3 & R-4 Group I-1 assisted living	Considered a significant change by ICC. This is an increase in cost for Group I-1 facilities that use this option, however, it will allow for greater freedom in design.	Y	Maybe	Tag agreed to move this forward for further review.  Allen S. volunteered, with John W. to write summary for TAG Review

IBC Chapter 5 General Building Heights and Areas (Michael Six, Dean Giles, Robert Gerard)						
Table 506.2	Table 506.2	Allowable area	Added S13R and S13D to R occupancies, and added subnote <i>Considered a significant change by ICC</i>	N	Y	One member was not in favor of permitting NFPA 13D systems to be considered for these exceptions  Staff will draft proposal
Table 506.2	Table 506.2	Allowable area	Added subnote i: group U greenhouses <i>Considered a significant change by ICC</i>	N	Y	Does this mandate Appendix C?  Staff will draft proposal (Hoyt will assist)

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507.4	507.4	Sprinklered one story buildings	Added exception 2.3; requires sprinklers in storage rooms, press boxes, concession booths or other ancillary spaces in an otherwise unsprinklered A-4 building <i>Considered a significant change by ICC</i>	Y	Y	Will increase the cost of construction in order to protect ancillary spaces in these Group A-4 occupancies <b>Staff will draft proposal</b>
508.3.1.2	None	Group I-2 Condition 2 occupancies	New section addresses specific instance of I-2 occupancy in a non-separated building <i>Considered a significant change by ICC</i>	Y	Y	This is a requirement from federal CMS in hospitals; therefore, this is not an increase in actual construction cost John Williams – unintended consequence <b>Allen S./John W. will write proposal</b>

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IBC Chapter 6 Types of Construction (Chris Seaman, Dean Giles, Robert Gerard)						
Table 601	Table 601	Fire resistance rating requirements	Type IV for nonbearing walls and partitions, interior: changed reference from 602.4.6 (floors) to 2304.11.2 (partitions and walls). <b>Should be 2304.11.3.</b>	N	Y	TAG Agreement. It was recommended we pass this on to ICC to fix with errata <b>Staff will report to ICC</b>
602.4.1	602.4.1	Fire retardant treated wood in exterior walls	Allows wood sheathing and requires a min 6 inch wall thickness <i>Considered a significant change by ICC</i>	N	Y	<b>Staff will look into it—6 inch requirement</b>
602.4.2	602.4.2	Cross laminated timber in exterior walls	Requires a 6 inch min wall thickness	N	Y	<b>Staff will look into it—6 inch requirement</b>
603.1	603.1	Allowable materials	Exception 19: Changed reference 602.4.7(roofs) to 602.4.3 (exterior structural members) <i>maybe the original reference should have been to 602.4.9 Exterior structural members?</i>  Changed reference 1406.3 (balconies and exterior projections) to 705.2.3.1 (balconies and similar projections)	N	Y	TAG Agreement Defining deck vs balcony  <b>Hoyt will write proposal</b>

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IBC Chapter 7 Fire & Smoke Protection Features (Michael Six, John Williams, Micah Chappell, Robert Gerard) TAG Reviewed						
Table 705.2	Same	Minimum distance of projection	Modification to table effectively limits the allowed projection towards the fire separation distance. Intended to simplify requirements. <i>Considered a significant change by ICC</i>	N	Y	Move to the committee for discussion; significant change for over 5 feet <b>Staff will draft proposal (with Lee)</b>
706.1.1	Same	Party walls.	New exception allows buildings straddling lot lines to be considered one building, with some operational constraints. This relies on a contractual agreement between owners that permits fire and life safety systems to be operated by both buildings. <i>Considered a significant change by ICC</i>	N	Y	Additional review recommended  <b>Staff will draft proposal (with Lee)</b>
708.1	Same	General (fire partitions)	<ol style="list-style-type: none"> <li>1. Simplifies the statement by stating 'Group R occupancies' instead of R-1, R-2, and R-3.</li> <li>4. <u>Enclosed elevator lobby separation is required by Section 3006.2</u></li> </ol>	N	Y	May need review of item 4, "enclosed" elevator lobbies  <b>Staff will draft proposal</b>
718.3	Same	Draftstopping	Some of the charging language for draftstopping moved to 708 and combined with fire blocking, as did the exceptions. However there is a lot of cross referencing going on. A proposal removed draftstopping from Group R-4, but the reference in 708 still applies. Group R is broadly excluded from requirement in 718, but some requirements show up in 708 for this Group. Kinda confusing.	N	Y	Significant rewrite  <b>Jim Tinner will write proposal</b>

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718.4	Same	Draftstopping	Some of the charging language for draftstopping moved to 708 and combined with fire blocking, as did the exceptions. However there is a lot of cross referencing going on. A proposal removed draftstopping from Group R-4, but the reference in 708 still applies. Group R is broadly excluded from requirement in 718, but some requirements show up in 708 for this Group. Kinda confusing.	718.4	Same	Draftstopping Jim Tinner will write proposal
<b>IBC Chapter 8 – Interior Finishes</b> (Ryan Pflueger) TAG Reviewed						
806.1	Same	Decorative materials and trim – General	Requirement 1 lacks clarity. #2 is needs to only be included in the IEBC.	N	Y	First requirement is confusing. Could be interpreted more broadly. Ryan will write proposal
<b>IBC Chapter 9 Fire Protection and Life Safety Systems</b> (Chris Seaman) TAG Reviewed						
903.2.1.1	Same	Group A-1	Clarification, no concern <i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Chris will write summary for TAG review
903.2.1.2	Same	Group A-2	Clarification, no concern <i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Chris will write summary for TAG review

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903.2.1.3	Same	Group A-3	Clarification, no concern <i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Chris will write summary for TAG review
903.2.1.4	Same	Group A-4	Clarification, no concern <i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Chris will write summary for TAG review
903.2.1.5	Same	Group A-5	Clarification, no concern <i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Chris will write summary for TAG review
904.13	Same	Domestic cooking systems.	Minor change, no concern; new <i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Allen S. write summary for TAG review (With Chris)
904.13.1	Same	Protection from fire.	<i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Allen S. will write summary for TAG review (With Chris)



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904.13.1.1	None	Automatic fire-extinguishing system	<i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Allen S. will write summary for TAG review (With Chris)
904.13.1.2	None	Ignition prevention.	<i>Considered a significant change by ICC</i>	N	Maybe	May need an amendment Allen S. will write summary for TAG review (With Chris)
Section 917	None	Mass Notification Systems	The need for real-time effective emergency communications in the United States came into sharp focus in the 20th century	Y	Maybe	May need an amendment The cost for conducting a Risk Analysis would range from \$5,000 to \$15,000 per building depending on complexity Staff will draft summary for TAG Review

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IBC Chapter 10 Means of Egress (Alan Duer, Charles Calvano, Micah Chappell, Allen Spaulding, Chris Seaman) TAG Reviewed						
1003.3.1	1003.3.1	Headroom	Added wording clarifying that the minimum headroom of 80 inches that must be maintained for when objects protrude has to be provided over <u>circulation paths</u> which include <u>walks, corridors, aisles and passageways</u> . It used to only say it had to be maintained over <u>walking surfaces</u> .	N	Maybe	Some concerns at the Fire TAG that didn't feel it had enough inclusions  Staff will draft summary for TAG Review
1006.2.2.6 (new section)	Didn't exist	Groups R-3 and R-4	2018 allows exit travel distance for sprinklered "R" fire areas to be not more than 125 feet for R-3's and not more than 75 feet for R-4's.	N	Maybe	Seattle doesn't have R-4's anymore John W. thinks there may be a conflict with 1017.2--new footnotes? 13D vs 13R?  Allen S/John W. will write summary for TAG Review

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1006.3, 1006.3.1( new section out of old language )	1006.3	Exiting through adjacent stories	<p>Reorganizes and relocates egress travel provisions for exits through one adjacent story.</p> <p>Separate and distinct exits.</p> <p>This section is added, “In situations where occupants egress through an adjacent story to reach an exit, the additional occupant load is not considered when determining the required number of exits from the adjacent story.”</p> <p>5 exceptions allow the path of egress travel to pass through more than one adjacent story. Exceptions correlate with old 1019.3. <i>Considered a Significant Change by ICC</i></p>	N	Maybe	<p>Needs further discussion on the impacts of this change</p> <p><b>Staff will draft summary for TAG Review</b></p>
1006.3.3	1006.3.2	Single Exits	<p>Renumbering. Changes term from “common path of egress travel distance” to “exit access travel distance”</p>	N	Maybe	<p><b>Jim Tinner will write summary for TAG Review</b></p>
1008.2.3	None	Illumination of exit discharge to public way and safe dispersal areas	<p>Requires illumination of exit discharge from each exit to public way. Requires illumination of exit discharge path and safe dispersal area to 1-foot candle at walking surface. <i>Considered a Significant Change by ICC</i></p> <p><i>Vote on keeping the section:</i>  <i>Keep: 5</i>  <i>Not Adopt: 6</i></p>	Y	Y	<p>Could have some unintended consequences —schools, remote areas, light pollution</p> <p>Jim: recommend this not be adopted</p> <p><b>Jim Tinner will write proposal</b></p>

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1009.4.1 Standby Power	1009.4 Elevators	Standby power for elevators part of accessible means of egress	Reformat and renumbering of section	N	Maybe	Ardel has related amendment? Staff will draft summary for TAG review
1010.1.9.12	1010.1.9.11	Locks on stairway doors	Expands ability to lock stairway doors on the stairway side until simultaneously unlocked by emergency personnel or by signal multi-story buildings not classified as high-rise. Currently limited to not more than 4 stories. <i>Considered a Significant Change by ICC</i>	Y	Y	New requirement; cost and enforcement issues Chris S. will write proposal
1029.1.1.1	1029.1.1.1	Spaces under grandstands add bleachers	Rewritten and placed in a list format.	N	Y	Question regarding Exception 3: Individual or aggregate accessory use allowable area Staff will draft proposal
1030.1	1030.1	Required Emergency Escape and Rescue Openings	New exception to emergency escape and rescue openings in basement sleeping rooms. Basements in an R-2 or R-3 occupancy w/sprinklers only need one means of egress and one emergency escape rescue opening or two means of egress (doesn't have to be in sleeping room can be anywhere in basement). <i>Considered a Significant Change by ICC</i>	N	Y	Al A. noted BIAW may bring forward an amendment request to not adopt Al A. will write proposal
<b>IBC Chapter 11 Accessibility</b> (Jim Tinner, Ryan Pflueger) TAG Reviewed						

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			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 12 Interior Environment</b> (Micah Chappell, Alan Duer) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 13 Energy Efficiencies</b> (Micah Chappell, Alan Duer)						
			There were no changes to this chapter from the 2015 IBC to the 2018 IBC			
<b>Chapter 14 Exterior Walls</b> (Michael Six, John Williams, Micah Chappell, Robert Gerard) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 15 Roof Assemblies and Rooftop Structures</b> (Richard Brown) TAG Reviewed						
1505.10	Same	Roof gardens and landscaped roofs	Added the need to comply with Section 1505.1	N	Maybe	What was the intent? Staff will research Staff will draft summary for TAG review
1507.1.1	1507.2.4	Self-adhering polymer modified bitumen sheet	Clarification – Text moved.	Y	Maybe	Increased cost for product labeling Staff will draft summary for TAG review

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IBC Chapter 16 Structural Design (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles)						
1604.9	1604.10	Wind and Seismic Detailing	Lateral force-resisting systems shall meet seismic detailing requirements and limitations prescribed in this code and ASCE 7 Chapters 11, 12, 13, 15, 17 and 18 as applicable, even where wind <i>load effects</i> are greater than seismic <i>load effect</i>	Y on design	Maybe based on cost	Eastern WA & costal impact Maybe based on cost Staff (Hoyt) will write summary for TAG review
Table 1607.1	Same	Balconies and Decks	1.5 times the live load for the area served, not required to exceed 100 <i>Considered significant by ICC</i>	Y	Maybe based on cost	Higher designed loads result in higher structural costs but is equivalent to state amendment—no change and can eliminate state amendment Staff (with Hoyt) will write summary for TAG review

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1616.2.- 1616.2.4	1615.3 – 1615.4.2 .4	Structural Integrity	<b>1616.2.2 Structural steel, open web steel joist or joist girder, or composite steel and concrete frame structures.</b> <b>1616.2.2.2 Beams.</b> End connections of all beams and girders shall have a minimum nominal axial tensile strength equal to the required vertical shear strength for <i>allowable stress design</i> (ASD) or two-thirds of the required shear strength for <i>load and resistance factor design</i> (LRFD) but not less than 10 kips (45 kN).	?	Maybe	Review  Staff (with Hoyt) will write summary for TAG review

IBC Chapter 17 Special Inspections and Tests (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles)						
1704.6.1	None	Structural observations for structures	Structural observations shall be provided for those structures where one or more of the following conditions exist:  1. The structure is classified as Risk Category IV <i>Considered significant by ICC</i>	N	Maybe	Removed risk category III. Removed public assembly's area Needs further review  Hoyt will write summary for TAG review

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1705.5.2	Same	Metal-plate-connected wood trusses	<b>Metal-plate-connected wood trusses spanning 60 feet or greater.</b> Where a truss clear span is <u>Special inspections of wood trusses with overall heights of 60 inches (1524 mm) or greater shall be performed to verify that the installation of the permanent individual truss member restraint/bracing has been installed in accordance with the approved truss submittal package.</u> For wood trusses with a clear span of 60 feet (18 288 mm) or greater, the special inspector shall verify <u>during construction</u> , that the temporary installation restraint/bracing is installed in accordance with the approved truss submittal package. <i>Considered significant by ICC</i>	Y	Maybe	Could be increased cost Staff will write summary for TAG review
1705.12.6	Same	Plumbing, mechanical and electrical components.	6. Installation of mechanical and electrical equipment, including duct work, piping systems and their structural supports, where automatic fire sprinkler systems are installed in structures assigned to Seismic Design Category C, D, E or F to verify one of the following: 6.1. Minimum clearances have been provided as required by Section 13.2.3 ASCE/SEI 7. 6.2. A nominal clearance of not less than 3 inches (76 mm) has been be provided between fire protection sprinkler system drops and sprigs and: structural members not used collectively or independently to support the sprinklers; equipment attached to the building structure; and other systems' piping. Where flexible sprinkler hose fittings are used, special inspection of minimum clearances is not required. <i>Considered significant by ICC</i>	Y	Y	Potential additional inspections may increase cost Credentials? In a follow-up e-mail Hoyt noted: Every project will require a special inspection agency if there is a sprinkler system unless they use a flexible hose fitting. Chris/Hoyt will write proposal



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<b>IBC Chapter 18 Soils and Foundations</b> (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles)						
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1807.2.2	Same	Design lateral soil loads	For structures assigned to Seismic Design Category D, E, or F, the design of retaining walls <b>supporting more than 6 feet</b> (1829 mm) of backfill height shall incorporate the additional seismic lateral earth pressure in accordance with the geotechnical investigation where required in Section 1803.2 <i>Considered significant by ICC</i>	N	Maybe	Will required geotechnical report for all walls this height Needs further research <b>Hoyt will write summary for TAG review</b>
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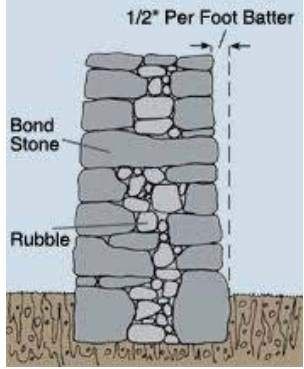
<b>IBC Chapter 19 Concrete</b> (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles)						
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			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
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<b>IBC Chapter 20 Aluminum</b> (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles)						
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			There were no changes to this chapter from the 2015 IBC to the 2018 IBC			
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<b>IBC Chapter 21 Masonry</b> (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles) TAG Reviewed						
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SECTION N 2114	None	DRY-STACK MASONRY	 <p data-bbox="772 646 957 675">New Sections</p> <p data-bbox="772 711 1073 740">Never used this before</p>	N	Maybe	<p data-bbox="1703 277 1925 342">Needs further research</p> <p data-bbox="1703 378 1925 475">Staff will draft summary for TAG review</p>
<b>IBC Chapter 22 Steel</b> (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			

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IBC Chapter 23 Wood (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles) TAG Reviewed						
2303.6	Same	Nails and staples	<p>Staples used for framing and sheathing connections shall have minimum average bending moments as follows: 3.6 in.-lbs (0.41 N-m) for No. 16 gage staples, 4.0 in.-lbs (0.45 N-m) for No. 15 gage staples, and 4.3 in.-lbs (0.49 N-m) for No. 14 gage staples</p> <p>With calculating the bending moment not sure if this is how staples are label. It would depend on the moment arm. I assume it is expecting flush no gap. Also, they did not have anything in the code for staples on strength. And added bending strength. Stable are becoming more common in guns.</p>	Y	Y	<p>For nails there should be not be any cost implication, the proposal is only adding the test methodology for achieving the already code prescribed strength requirement. Jim: conflict with requirements for staples used with plywood— Hoyt to talk with american plywood for their opinion <b>Hoyt will write proposal</b></p>
TABLE 2304.10.1	Same	Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing	<p>Added rink shank nail to the table</p> <p>And also added only common shall be used.</p> <p>Box nail is not allowed <i>Considered a significant change by ICC.</i> Since box nails are used. I think this is an oversight</p>	N	Y	<p>See reviewers comments</p> <p><b>Hoyt will write proposal</b></p>

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2304.11	Same	Heavy timber construction	This has added additional requirements. <i>Considered a significant change by ICC.</i>	N	Maybe	Jim will seek to add 2021 proposed language to code  AI Audette will write summary for TAG review
<b>IBC Chapter 24 Glass and Glazing</b> (Jim Tinner) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 25 Gypsum Board, Gypsum Panel Products and Plaster</b> (Micah Chappell and Richard Brown)						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 26 Plastic</b> (Richard Brown)						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			

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IBC Chapter 27 Electrical (Micah Chappell, John Moullen, John Williams) Tag Reviewed						
2701.1	2701.1	Scope	<p>Provide description and scope of application of this chapter. Suggest we remove the reference to the property and maintenance code.</p> <p>Adds clarification to the code and directs correlation with the other related codes. The addition of the word appliances seems very broad and undefined. Consider removing “appliances”</p> <p>The 2018 IBC language clarifies the relationship between the codes that have sections governing electrical work. <b>1. NFPA 70 and Chapter 28 of the IBC govern, “design, construction, appliances, equipment and systems used in buildings and structures covered by this code”</b></p> <p><b>2. The IFC, IPMC, and NFPA 70 govern use and maintenance</b> of electrical components, appliances, equipment and systems; <b>3. The IEBC governs the alteration, repair, relocation,</b> replacement and addition of electrical component, appliances, or equipment and systems.</p>	N	Y	<p>For the reference to the property &amp; maintenance code</p> <p>Staff (Krista) will draft proposal</p>

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2702.1.8	2702.1.7	Group I-2 Occupancies	<p>(Fire code) Directs users to consider the flood characteristics of a site when installing emergency generators in hospitals and nursing homes. This is in response to flooding events that have required evacuation of critical facilities. Intent and revised language is to make this section consistent with IFC 604.1.7</p> <p>Essential electrical systems and generators in I-2's found in flood hazard areas need to be located and installed per ASCE 24 <i>Flood Resistant Design and Construction</i>. Connection for temporary hook up of generators needs to be above the elevation required in ASCE 24.</p> <p>Why just I-2's? Rich Meell is surprised that we are only concerned about generators in I-2's and not other occupancies.</p>	N	Maybe	<p>Add other essential facilities?</p> <p>Staff will draft summary for TAG review</p>
<b>IBC Chapter 28 Mechanical Systems</b> (Richard Brown)						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 29 Roof Assemblies and Rooftop Structures</b> (Jim Tinner) TAG Reviewed						
2901.1	2901.1	Scope	Reworded section for clarity. Added language stating that the IFC, IPMC and IPC govern maintenance of plumbing systems.	N	Maybe	<p>May need an amendment</p> <p>Jim Tinner will write summary for TAG review</p>

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Table 2902.1	Table 2902.1	Minimum number of required plumbing fixtures	<p>Removed occupancy classifications from table and adding descriptions of use (in many cases) in place of occupancy classifications. Result is that small occupant load businesses that would be classified as B occupancy still need to provide fixtures in accordance to the same use with higher occupant loads.</p> <p>Changed occupant loads for required fixtures in several areas.</p> <p>Added casino gaming areas to list of occupancies covered.</p> <p>Added footnote "f." requiring outdoor swimming pools to be provided with fixtures in accordance with the ISPSC.</p>	N	Maybe	<p>May need an amendment</p> <p>Jim Tinner will write summary for TAG review</p>
<b>IBC Chapter 30 Elevators &amp; Conveying Systems</b> (Dean Giles) TAG Reviewed						
3001.2	None	Emergency communication systems for deaf and speech impaired	<p>New section; does what the title implies.</p> <p><i>This requirement is not included in the current elevator code, so this creates an inconsistency.</i></p> <p><i>Needs to be supplied with emergency power (not mentioned).</i></p> <p><i>Considered a significant change by ICC.</i></p>	Y	Maybe	<p>May need an amendment</p> <p>Dean Giles will write summary for TAG review</p>
3007.1	3007.1	General (fire service access elevator requirements)	<p>Changed "every floor" to "every floor above and including the lowest level of fire department vehicle access". <b>This eliminates basements.</b></p> <p><i>Considered a significant change by ICC.</i></p>	N	Maybe	<p>May need an amendment</p> <p>Dean Giles will write summary for TAG review</p>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
3007.1	Same	General (fire service access elevator)	Adds exception for elevators that serve only a building lobby and a parking garage. <i>The parking could be above or below the building lobby...could be a below ground enclosed parking garage. What happens when there's a car fire?</i>	N	Maybe	May need an amendment <b>Dean Giles will write summary for TAG review</b>
<b>IBC Chapter 31 Special Construction</b> (Alan Duer, Michael Six) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IBC Chapter 32 Encroachments Into the Public Right-Of-Way</b> (Richard Brown)						
			There were no changes to this chapter from the 2015 IBC to the 2018 IBC			
<b>IBC Chapter 33 Safeguards During Construction</b> (Richard Brown) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IEBC</b>						
<b>IEBC Chapter 1 Scope and Administration</b> (Jim Tinner) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
<b>IEBC Chapter 2 Definitions</b> (Jim Tinner, Dean Giles, John Moullen) TAG Reviewed						
New	None	Disproportionate Earthquake Damage	<p>New definition" "Disproportionate earthquake damage". New section identifies buildings that are more vulnerable to damage in future events based on damage sustained in a measured earthquake event.</p> <p>For buildings in regions of high seismicity that sustain unexpected, or "disproportionate," earthquake damage, the proposed provision will increase the costs associated with post-earthquake repair. It is also likely that the upgrades so triggered will significantly REDUCE repair costs in subsequent damaging events.</p>	Y	Maybe	<p>for discussion</p> <p>Hoyt will write summary for TAG review</p>
<b>IEBC Chapter 3 Provisions for All Compliance Methods</b> (Chris Seaman, Hoyt Jeter) TAG Reviewed						
305.8.10	410.8.10	Toilet rooms	Relocation	N	Y	<p>(for existing amendment)</p> <p>Staff will draft proposal</p>
305.9	1204.1	Historic buildings	Relocation	N	Y	<p>(for existing amendment)</p> <p>Staff will draft proposal</p>
<b>IEBC Chapter 4 Repairs</b> (Chris Seaman, Hoyt Jeter) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
<b>IEBC Chapter 5 Prescriptive Compliance Method</b> (Chris Seaman, Hoyt Jeter) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IEBC Chapter 6 Classification of Work</b> (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IEBC Chapter 7 Alterations—Level 1</b> (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter) TAG Reviewed						
701.4	None	Emergency escape and rescue openings	Added general notes and provisions. <i>However, the last sentence about smoke alarms should be its own section- it is unrelated to the title, and has cost impacts.</i>  <i>I agree that it is poor form to throw on the item about smoke alarms but it is not a new requirement really. It has been a State requirement for a while now so I wouldn't expect cost impacts. DG</i>	?	Y	See reviewer comments  <i>Al Audette will write proposal</i>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
702.4	Same	Window opening control devices on replacement windows	<p>Applicable to replacement windows. Added provision to comply with net opening requirements of emergency egress window (1030.2). <i>Not every replacement window is an egress window.</i></p> <p><i>Not every replacement window is an egress window. This section is about devices that limit how much the window opens to keep people from falling out. Not emergency escape and egress. The reference to 1030.2 is to remind you that if it is an emergency escape and rescue window the limiting device can't reduce the size of the opening.</i></p>	N	Y	<p>See reviewer comments</p> <p><b>Staff (Jim) will draft proposal</b></p>
706.2	707.2	Addition or replacement of roofing or replacement of equipment	Reworded for clarity and to correlate between the work area and prescriptive methods.	Y	Y- Coordinate with state amendment	<p>could increase OR DECREASE the cost of construction. By reconciling the two methods, a common-sense snow provision has been added to the Prescriptive method, but two exceptions have been added as well.</p> <p><b>Staff will draft proposal</b></p>
<p><b>IEBC Chapter 8 Alterations—Level 2</b> (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter) TAG Reviewed</p>						

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
801.3	801.3	Compliance	Added Exception 5. <i>Why not require full escalator width in new installations? There's always the "technically infeasible" concern.</i> <i>There's always the "technically infeasible" concern. I would say that it isn't worth it. Seattle is the only place with below grade transit stations in the State (that I am aware of)</i>	N	Y	See reviewer comments <b>Staff will draft proposal</b>
801.3.6	801.3	Compliance	Added Exception 6: <i>Section is not necessary, alt design criteria can always be considered</i> <i>Even if the section is superfluous it would muck it up more if we amended it</i>	N	Y	See reviewer comments <b>Staff will draft proposal</b>
802.2.1	803.2.1	Existing vertical openings	Exception 3.2.3: The entire area is open and unobstructed in a manner such that it <del>may be</del> <b>is reasonable to</b> assumed that a fire in any part of the interconnected spaces will be readily obvious to all of the occupants.	N	Y	See reviewer comments <b>Staff will draft proposal</b>
None	804.2.4	Other required sprinkler systems	Section was relocated to 904.1.4 (Level 3 Alteration). <i>Identifies specific areas to require sprinklers; not dependent upon the extent of the remodel</i> <i>If we add back the section into level 2 alterations, we should also put back the exception for only if the municipal water supply can do it without a pump.</i>	N	Y	See reviewer comments <b>Staff will draft proposal or summary for TAG review</b>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Section 804	None	Carbon Monoxide Detection	Carbon monoxide detectors in Group I-1, I-2, I-4 and R occupancies <i>Considered a significant change by ICC.</i>	N	Y	Coordinate with state amendment <b>Staff will draft proposal</b>
804.1		Carbon monoxide alarms	New section: appears to be a rewrite of IFC 1103.9. Other than the additions, the exceptions noted do not create <i>work areas (reconfigured space)</i> , so would not trigger requirements anyway. Also see IEBC 502.7. <i>The language an approach is same as IFC has been for a while.</i>	N	Y	See reviewer comments <b>Staff will draft proposal</b>
805.3.1.1.1	Same	Single-exit buildings	The significant changes rationale states that the IEBC should not be more restrictive than the IBC, and provide flexibility. This section is more restrictive and less flexible than IBC 1006 in several areas. Needs a comparison chart for each occupancy... <i>Considered significant by ICC</i> <i>The IEBC is more flexible they just don't do a good job of showing it. The occupant load is increased to 35 and the limitation is on exit access travel distance, not common path of egress travel</i>	N	Y	See reviewer comments <b>Staff will draft proposal</b>
Table 805.3.1.1(1)	None	Stories with one exit-R-2 occupancies	New table; very similar to IBC 1006.3.2 (1) but reduces travel distance 50 from 125, and restricts to 2 floors instead of 3. Allows non-sprinklered occupancy. <i>Same deal here. It is more flexible due to what is referenced by the table.</i>	N	Y	See reviewer comments <b>Staff will draft proposal</b>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Table 805.3.1.1(2)	None	Stories with one exit-other occupancies	IBC allows 49 occupants with one exit for B and F, and 29 for S occupancies. This table restricts to 35 for all (more restrictive)	N	Y	See reviewer comments Staff will draft proposal
<b>IEBC Chapter 9 Alterations—Level 3</b> (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IEBC Chapter 10 Change of Occupancy</b> (Michael Six, John Williams) TAG Reviewed						
			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
<b>IEBC Chapter 11 Additions</b> (Jim Tinner) TAG Reviewed						
1103.1	1103.2	Additional gravity loads	Clarifies that addition gravity loads include live loads and snow loads. Adds existing IBC language that allows up to 5% additional load increase on existing structural members. Requires existing lateral load carrying elements to comply with IEBC Section 1103.3 however, there is no such section in the 2018 IEBC. This is probably an errata and the reference should be IEBC Section 1103.2 (Lateral force-resisting system). <i>Considered significant by ICC</i>	N	Y	See reviewer comments Hoyt will write proposal
1103.2	1103.3	Lateral force-resisting system	Clarifies that when loads from an addition affect existing lateral force systems that the new and existing systems comply with IBC Chapter 16. <i>Considered significant by ICC</i>	N	Y	See reviewer comments Hoyt will write proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
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<b>IEBC Chapter 12 Historic Building</b> (Dean Giles) TAG Reviewed						
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1205.1	1206.1	Structural- general	<p>Exception 2: allows substantial structural damage to be repaired to its original condition; does not require the same structural upgrades as required in a Level 2 Alteration.</p> <p><i>Upgrading as part of damage repair makes sense, and can be done in a historically sensitive way.</i></p> <p>If you read current 408.1 to exclude structural work, this proposal could increase construction costs. If you read current 408.2 to mean that safety-related structural provisions already apply, then this proposal will have no effect on costs.</p>	Y	Maybe	<p>May need an amendment</p> <p><b>Staff/Hoyt will write summary for TAG review</b> (see def. in ch. 2)</p>
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<b>IEBC Chapter 13 Performance Compliance Methods</b> (Micah Chappell, John Moullen, Alan Duer) TAG Reviewed						
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			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
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<b>IEBC Chapter 14 Relocated or Moved Buildings</b> (Alan Duer) TAG Reviewed						
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			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
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<b>IEBC Chapter 15 Construction Safeguards</b> (Dean Giles) TAG Reviewed						
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			The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments			
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<b>Amendments to WAC 51-50</b>						
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2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
			<b>2015 IBC Amendments</b>			All Staff (unless otherwise stated)
Same	003	Adopts by reference the International Building Code (IBC)	WAC 51-50-00-003 Updates to new edition IBC Administrative	---	Y	<b>Update reference</b> Staff will draft proposal
Same	005	Accessibility	WAC 51-50-005 2018 IBC maintains A117.1-2009. A117.1-2017 is published and available. A117.1 Accessible and usable Buildings and Facilities. A117.1 is adopted in IBC Section 1102.1	---	Maybe	<b>Look at adopting updated standard</b> Staff will draft summary for TAG review
Same	007	Exceptions	WAC 51-50-007 Exempts temporary grow structures and temporary worker housing. Includes in the adoption the International Existing Building Code (IEBC) Update to adopt the 2018 IEBC RCW 19.27.065 Exemption—Temporary growing structures used for commercial production of horticultural plants. Effective date—1996 c 157 <i>RCW 19.27.067 Temporary worker housing—Exemption—Standards.</i> Effective date—1998 c 37 § 1 IEBC is adopted in IBC Section 101.4.7	---	Y	<b>Update to adopt the 2018 IEBC</b> Staff will draft proposal



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	008	Establishes the effective date	WAC 51-50-008	---	Y	<b>Planned effective date for 2018 IBC is July 1, 2020</b> Staff will draft proposal
308.2.3	308	Institutional Group I	WAC 51-50-308 308.3.3 Classifies assisted living facilities & Residential Treatment Facilities as Group I-1/Condition 2 Adopted in 2015, change in occupancy classification from Group R-2 to Group I-1/Cond 2 June 9, 2017, SBCC moves to study occupancy classification for RTF and consider dropping state amendment. 2018 IBC adjusts numbering.	---	Maybe	<b>The TAG should solicit input from stakeholders on this issue and perhaps come up with a recommendation.</b> Allen S./ John W. will write summary for TAG review (with staff & Lee)

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
312.1.1	312	General Group U	<p>WAC 51-50-312 2015 amendment: <u>Greenhouses and other structures used for cultivation, protection or maintenance of plants</u></p> <p>2018 IBC 312.1.1 Greenhouses. <u>Greenhouses not classified as another occupancy shall be classified as Use Group U. (definition of greenhouse in chapter 2: 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.)</u></p> <p>Adopted in 2015, substantial testimony, amendment proposed at the hearing by WABO; does not include “processing” of plants (related to #9- Group F classification)</p> <p>2018 IBC adds new section on greenhouses</p>	---	Maybe	<p><b>Recommend possible deletion of this amendment</b></p> <p>Chris will write summary for TAG review</p>
Same	403.5.4	Smokeproof enclosures	<p>WAC 51-50-403 Updates references for exit stairways requiring smokeproof enclosures. State amendment provides an exception.</p> <p>original proposal 2009 (rule filed 1/20/10, effective 7/1/10) WABO TCD does not see a need for this amendment.</p> <p>No change in the 2018 code</p>	---	Maybe	<p><b>Recommend possible deletion of this amendment</b></p> <p>Staff will write summary for TAG review</p>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
412.7.3	412.8.3	Means of egress	<p>WAC 51-50-412 Specifies fire protection for rooftop structures where heliports and helistops are on hospital roof tops.</p> <p>The roof area use of an I-2 occupancy with a heli-stop poses a specific risk for fire and response. Requiring a fire restive rating of the penthouse walls facing the roof provides a defendable place for fire fighters to attack the fire.</p> <p>2018 IBC changes section number to 412.7.4</p>	---	Maybe	<p><b>Recommend TAG research NFPA 418 to see if it covers fire protection concerns</b></p> <p><b>Is this necessary?</b></p> <p>Allen S./John W. will write summary for TAG review</p>
420.12	420.8	Licensed care cooking facilities	<p>WAC 51-50-412-420 State amendment allows kitchens to open to a corridor under certain conditions in Group I-1 Condition 2 assisted living &amp; residential treatment facilities</p> <p><b>2018 IBC adds section 420.8 Group I-1 cooking facilities</b></p> <p>Adds a provision that allows ALFs and RTFs to deal with cooking spaces open to the corridor. This is one of the “cultural changes” that have been broadly adopted by NFPA and IBC as well as the federal programs for medicare reimbursement. Residents have been proven to have better overall health and outcomes if they are housed in a residential like environment, with ready access to communal spaces for participating in daily living activities. It appears as though this amendment is now obsolete.</p> <p>Hybred not deleted</p>	---	Y	<p><b>Recommend deletion</b></p> <p>Allen S./John W. (with staff) will write proposal</p>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	422.3.1	Means of egress	WAC 51-50-412-422 Allows a staged evacuation in ambulatory care facilities 2018 IBC chapter 10 cross reference modified It appears as though this amendment is now obsolete.	---	Y	<b>Recommend deletion</b>  Allen S./John W. will write proposal
429	427.1	Electric vehicle charging infrastructure	WAC 51-50-412-427 New section. Requires minimum number of parking spaces in new construction in Group B, R-1, R-2 SBCC Interps 16-09 16-10  2018 IBC adds new sections 427 med gas and 428 Higher Ed labs	---	Y	<b>Recommend renumbering this section and adding interpretation language to amendment</b>  Staff will draft proposal
Same	503.1	General	WAC 51-50-412-503 Portions of a building separated by one or more fire walls are considered separate buildings for the purpose of height and area. Also amends 706.1 Covered in the 2018 IBC The amendment appears to have been incorporated into the 2018 IBC.	---	Y	<b>Recommend deleting this amendment</b>  Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	504.4.1	Stair enclosure pressurization increase	WAC 51-50-412-504 2015 amendment defines legally required standby power, adds reference to NEC. Allows an increase in number of stories for Type VA construction Based on recent interpretation	---	Y	<b>recommend adding language to this section stating that Groups A,B and M are also allowed in the Group R-1 or R-2 building</b> Why not option E? <i>Allen S./John W. (with staff) will write proposal (and Chris)</i>
Same Same Same	505.2.1 505.2.1 .1 505.3.1	Area limitation Aggregate area of mezzanines & equipment platforms Area limitation	WAC 51-50-412-505 Corrects language related to equipment platforms Provides equipment platform requirements Mezzanine area limits determination Revised in the 2018 code The amendment language appears to have been incorporated into the 2018 IBC.	---	Y	<b>Recommend deleting the amendment</b> <i>Staff will draft proposal</i>
Same	Table 509	Incidental uses	WAC 51-50-412-509 2012 amendment log# 12-020 Correlation with NFPA 70 National Electrical Code 2018 IBC adds language based on current NFPA 70	---	Y	<b>Recommend deleting the amendment</b> <i>Staff will draft proposal</i>

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	510.2	Horizontal building separation distance Horizontal building separation allowance	WAC 51-50-412-510 Continued use of podium buildings for licensed care in certain circumstances Licensed care? This section allows a 3-hour horizontal fire barrier to create separate buildings	---	Y	<b>Updated language I-1 Condition 2</b>  Allen S./John W. will write proposal
Same	706.1	General	WAC 51-50-412-706 Modifies the charging language to clarify separation of buildings Covered in the 2018 code	---	Y	<b>Recommend deleting the amendment</b> Staff will draft proposal
Same	903.2.1 .6	Assembly occupancies on roofs	WAC 51-50-412-903 All levels of the building must be sprinklered throughout—amendment clarifies new 2015 model code amendment Revised to require all floors in the building to be sprinklered, vs, only to main level of egress. [6/11/15 FIRETAG report][FIRETAG discussion 2/23/15;4/17/15]	---	Y	<b>Recommend deleting the amendment</b> Staff will draft proposal
Same	903.2.3	Group E	WAC 51-50-412-903 Change 'occupancies' to Group E fire areas; new exceptions for Group E sprinkler requirements	---	Y	<b>Marry with model code</b> Staff will draft proposal
Same	903.2.6	Group I	WAC 51-50-412-903 New amendment for Group I sprinklers – modifies exceptions	---	Maybe	<b>Review with model code</b> Allen S./John W. will write summary for TAG review
Same	903.2.1 1.1.3	Specific building areas	WAC 51-50-412-903 Basements	---	Y	<b>Delete</b> Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	903.3.5 .3	Water supply piping	WAC 51-50-412-903 Underground piping Through RCW 18.160 and WAC 212.80 Washington State requires specific licensing for fire sprinkler contractors. These rules break licensing down into categories based on the standard used for a specific fire sprinkler design. I.E. Level 3 contractors are allowed to design and install systems designed to NFPA 13, 13R and 13D, and specialized systems, whereas Level 2 contractor are only allowed to design and install systems designed to NFPA 13R or 13D. Additionally there is a license for underground piping only where the system is designed by a separate entity, such as a professional engineer or an appropriately licensed fire sprinkler contractor. The Level U contractor installs the piping per the direction of the other entity.	---	Maybe	<b>Review with Fire Code TAG</b> Chris will write summary for TAG review
Same	907.2.3	Group E	WAC 51-50-907 Provides alternate to emergency voice /alarm communication system meeting safe school criteria 2017 rule making	---	Maybe	<b>Review with Fire Code TAG</b> Staff will draft summary for TAG review
Same	907.2.6	Group I	WAC 51-50-907 Modifies language related to fire alarms in Group I-1 & I-2 care facilities It appears as though Chapter 9 has fixed this section.	---	Maybe	<b>Recommend discussing deletion of this amendment</b> Allen S./John W. will write summary for TAG review

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	907.2.6 .1	Group I-1	WAC 51-50-907 New section; Automatic smoke detection for Group I-1 exceptions Correction to section reference The code appears to reference the correct section.	---	Y	<b>Recommend deletion of this amendment</b> Allen S./John W. will write proposal
Same	907.5.2 .1.2	Maximum sound pressure	WAC 51-50-907 New section sets minimum/maximum limits for audible alarm notification appliances	---	Maybe	Unenforceable <b>Review with Fire Code TAG</b> Chris will write summary for TAG Review
Same	907.10	NICET	WAC 51-50-907 New sections 907.10.1 through 907.10.3 set standards for certification for fire alarm systems	---	Y	<b>Effective date revised to July 1, 2018</b> Staff will draft proposal
1004.5.1	1004.2	Increased occupant load	WAC 51-50-1004 Refers to occupant load for licensed day care This same language is found in IBC Section 1004.5.1.	---	Y	<b>Recommend deleting this amendment</b> Staff will draft proposal
Same	1006.2.2.6	Electrical equipment rooms	WAC 51-50-1006 Specifies certain electrical rooms/means of egress Coordination with NEC re: 2 <sup>nd</sup> exit for electrical equipment rooms. TAG revisions add 1010.1.10 amendments	---	Y	<b>Recommend renumbering this to another subsection such as 1006.2.2.1.1</b> Staff will draft proposal



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	1009.1	Accessible means of egress	WAC 51-50-1009 Exception for parking garages Parking garage levels without accessible spaces are not required to be accessible and therefore do not need accessible egress. This amendment is redundant.	---	Maybe	<b>Recommend considering deletion.</b> <b>Retain – Remove first exception</b> Staff will draft summary for TAG review
1010.1.9.4	1010.1.9.3	Locks and Latches	WAC 51-50-1010 Item 6 allows delayed egress in licensed Group I-1 condition 2 assisted living JT -Agreed. Delete amendment This amendment is redundant (See IBC Section 1010.9.7). Chris felt this may still be necessary	---	Maybe	<b>Will move forward for further review</b>  Allen S./John W. will write summary for TAG review
1010.1.9.7	1010.9.6	Controlled egress	WAC 51-50-1010 Allows a keypad in Group I-1 and I-2 JT-Agreed. Delete amendment This amendment is redundant (See IBC Section 1010.9.7).	---	Maybe	<b>May need to be modified/Work with DOH on language</b> Allen S./John W. will write summary for TAG review
Same	1010.1.10	Panic hardware	WAC 51-50-1010 Electrical room egress moved to 1006.2.2 egress based on use	---	Y	<b>Delete</b> Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
1010.1.10	1010.1.10.3	Electrical Room Clearance	WAC 51-50-1010 Related to 15-005 Electrical room egress JT - Current state amendment requires panic hardware for over 600 volts and less than 800 amps. 2018 requires panic hardware at 1,200 amps regardless of voltage. This needs to line up with NEC requirements.	---	Y	<b>Recommend using whichever lines up with NEC.</b> Staff will draft proposal
Same	1012.1	Ramps	WAC 51-50-1012 Vehicle ramps included in a second means of egress Very similar to existing IBC language.	---	Maybe	<b>Recommend review of this amendment to see if it is necessary.</b> Staff will draft summary for TAG review
Same	1028.4.1	Width or capacity	WAC 51-50-1028 Amendment deletes model code related to gradual reduction of egress court width  Agreed. Recommend deletion of amendment. This amendment deletes an outdated and unused code requirement for egress courts. The concept of using a 36" tall guardrail to "herd" occupants toward the exit when the egress court exceeds the minimum required width does nothing to improve the safety of occupants. Change in the 2018 IBC appears to make this amendment unnecessary.	---	Y	<b>Recommend repeal of this amendment.</b> Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	1101.2.1 ICC A117.1 Section 403.5	Clear width of accessible route	WAC 51-50-1101 Amends outdoor routes to 44 inches width minimum JT – Agreed 2017 A117.1 amends exterior width to 48 inches	---	Maybe	<b>Recommend repeal of this amendment if the 2017 is adopted</b> Staff will draft summary for TAG review
Same	1101.2.2 ICC A117.1 Section 404.2.8	Door opening force	WAC 51-50-1101 Item 3 added to address exterior door opening force and allow automatic doors as an alternate JT - State amendment allows exterior doors 10 lb. opening force. A117.1 provides no guidance for exterior door opening force except power doors (A117.1 404.3)	---	Y	<b>Recommend amending current amendment to delete power operated doors but retain 10 lb. exterior door opening force.</b> Jyoti will write proposal
Same	1101.2.3 ICC A117.1 Section 407.4.6 .2.2	Arrangement of elevator car buttons	WAC 51-50-1101 Arrangement of elevator buttons is prescribed. Agreed. Recommend deletion of amendment This is redundant.	---	Maybe	<b>Recommend repeal of this section if the 2017 A117.1 is adopted.</b> Staff will draft summary for TAG review

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	1101.2.5 ICC A117.1 Section 604.6	Flush controls	WAC 51-50-1101 Adds a maximum height above the floor of 44 inches In reality, you never see flush controls this high except for urinals.	---	Maybe	<b>Recommend discussing why this amendment is necessary</b> Jyoti will write summary for TAG review
Same	1107.6	Group R	WAC 51-50-1107 Amendment requires apportioning units This was incorporated in earlier editions of the IBC.	---	Y	<b>Recommend deletion of this amendment</b> Staff will draft proposal
Same	1107.6.2.2.1	Type A units	WAC 51-50-1107 J Changes the level from 20 to 10 dwellings for accessible units This amendment has been incorporated into the 2018 IBC.	---	Y	<b>Recommend deletion of the second half of the exception.</b> Staff will draft proposal
Same	1107.6.2.3	Group R-2 other than live/work units, apartment houses, monasteries and convents	WAC 51-50-1107 Requires apportionment of units. This is not found in the 2018 IBC. Recommend retaining this amendment	---	Y	<b>Modify language to include dispersion language</b> Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
1202.1	1203.1	Ventilation	WAC 51-50-1203 Adds a reference to the mechanical code for ambulatory care facilities JT - Recommend change code section to reflect 2018 IBC. Recommend all ventilation amendments be reviewed by Mechanical Code TAG	---	Maybe	<b>Recommend all ventilation amendments be reviewed by Mechanical Code TAG</b> Staff will draft summary for TAG review
1202.3	1203.3	Unvented attic and unvented enclosed rafter assemblies	WAC 51-50-1203 Insulation R value minimums are specified in place of Table 1203.3 It looks like the state amendment was incorporated into the 2015 IBC.	---	Y	<b>ReNUMBER and coordinate code language</b> Staff will draft proposal
1202.7	1203.7	Other ventilation and exhaust systems	WAC 51-50-1203 Model code section renumbered Similar language added to IBC.	---	Y	<b>Recommend deleting amendment</b> Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
1203.1	1204.1	Equipment and systems	WAC 51-50-1204 Exception 3 exempts Group R-1	---	Y	<b>IBC does not exempt R-1 not more than 500 sq. ft. (yurts?) This language probably had one specific use in mind and should be rewritten to point to that use rather than an entire occupancy classification. Renumber</b> Staff will draft proposal
1207.3	1208.3	Room Area	WAC 51-50-1208 Sloped ceiling measurement JT - Amendment still clarifies that ceiling heights less than 7' do not contribute to room size	---	Y	<b>Repeal</b> Staff will draft proposal
Same	Table 1607.1	Minimum uniformly distributed live loads, $L_0$ , and minimum concentrated live loads	WAC 51-50-1607 Revises live loads for balconies to be consistent with national standards JT – Agreed This is now consistent with ASCE-7-10.	---	Y	<b>Recommend repeal</b> Staff will draft proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	2107.2.1	Lap splices	WAC 51-50-2107 Sets a maximum length of lap length It appears this was changed in the 2015 IBC and went unnoticed. Recommend repeal Requested by NMCMA This change is in the 2018 IBC.	---	Y	<b>Recommend repeal</b> <b>Delete Sections 2107.1/2701.2 which are not amended</b> Staff will draft proposal
Same	2407.1.1	Glass in handrails and guards. Loads	WAC 51-50-2407 Safety factor language edited for clarity Agreed. Recommend repeal This language is in the 2018 IBC.	---	Y	<b>Recommend repeal</b> Staff will draft proposal
Same	2407.1.2	Structural glass baluster panels	WAC 51-50-2407 Handrails required for certain guards JT - Agreed. Recommend repeal This language is in the 2018 IBC.	---	Y	<b>Recommend repeal</b> Staff will draft proposal
Same	2603.10	Wind resistance	WAC 51-50-2603 Allows option for compliance standard Identical language to IBC. "and" changed to "or"	---	Y	<b>Recommend repeal</b> Staff will draft proposal
Same Same	2901.1 2901.2	Scope Health codes	WAC 51-50-2901 Reference amended to state plumbing code (UPC). Reference added to health codes. JT - I don't see any beneficial language in the amendment. Section 2901.2 is simply a warning that other agencies may require additional fixtures. I don't see the value in that warning. WA maintains revised chapter on plumbing fixtures, originally adopted in 1991 based on UW study of "Potty Parity"	---	Maybe	<b>Recommend review</b> Jyoti will write summary for TAG review

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	2902.1	Minimum number of fixtures	WAC 51-50-2902 Amendment modifies occupancy determination and allows no fixtures in unoccupied buildings JT - Also gives code official guidance that uses not specified in the table be considered as the closest similar use. Recommend retaining amendment.	---	Y	<b>Review and add any missing occupancy types</b> Jyoti will write proposal
Same	2902.2	Separate facilities	WAC 51-50-2902 Separate bathroom facilities not required for drinking/dining with an occupant load of 30 or fewer JT - Conflicts with new exception #4 in IBC.	---	Y	<b>Add in new language (#4) and renumber current amendment to item 5.</b> Jyoti will write proposal
Same	2902.3.1	Access	WAC 51-50-2902 Adds health provisions, addresses multiple tenants, references chapter 11	---	Y	<b>Recommend keeping this amendment but modify as public use</b> Jyoti will write proposal
2902.8	2902.7	WC space required	WAC 51-50-2902 This language is in UPC Section 402.5. Recommend deleting this amendment.	---	Maybe	<b>Move to committee to discuss conflict with UPC.</b> Jyoti will write summary for TAG review



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
2902.10	2902.9	Drinking fountain exception	WAC 51-50-2902	---	Y	<b>Conflicts with 2902.5</b> Jyoti will write proposal
Same	Table 2902.1	Minimum number of required plumbing fixtures	WAC 51-50-2902 Footnote e prescribes occupant load for schools As I recall, schools wanted to use actual number of students rather than square footage to determine fixture count.	---	Maybe	<b>Recommend TAG discuss this amendment – footnote needs to be referenced within the table</b> Jyoti will write summary for TAG review
?	WAC 51-50-3001	Reserved	WAC 51-50-3001 WAC needs correction	---	Maybe	<b>Delete section 3002 ?</b> Staff will draft summary for TAG review

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	3009.1	Hoistway venting Vents required	WAC 51-50-3009 AHJ over conveyance, L&I- can require hoistway venting This section was dropped from the model code Hoistway venting was deleted, as it seemed counterintuitive to the need for enclosed elevator lobbies in the code. The provisions were historic in nature and were provided for the fire service, but they were no longer seen as necessary. In addition, the hoistway venting requirements often conflicted with the hoistway pressurization option for elevator lobby enclosures.	---	Maybe	<b>Recommend TAG discussion</b> Dean will write summary for TAG review
			<b>EXISTING BUILDING CODE</b>			
Same	403.1	Alterations - General	WAC 51-50-480403 Allows a 7 foot ceiling height in existing dwelling units  Recommend keeping this amendment. By policy, Bellingham allows 6'4" in existing basements	---	Maybe	<b>Recommend TAG discuss this May be redundant</b> Jyoti will write summary for TAG review
506.1	407.1	Conformance	WAC 51-50-480407 Change of occupancy – Conformance/Compliance	---	Maybe	<b>May be redundant and unnecessary</b> Staff will draft summary for TAG review

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
?	409.1	Moved structures – Conformance	WAC 51-50-480409 Requires compliance with all codes adopted by Washington state for new buildings when buildings are moved into any jurisdiction; except Group R-3 single family buildings Recommend keeping amendment but deleting all of it except “The hazard tables of Chapter 10 may be used to demonstrate the relative fire and life risk of the existing and the new proposed uses.”. IEBC Chapter 14 addresses moved structures. This is not new to the 2018 IEBC. Perhaps overlooked last cycle? Recommend TAG review of Chapter 14.	---	Y	<b>Needs some correlation with chapter 14</b> Staff will draft proposal
305.6	410.6	Accessibility - Alterations	WAC 51-50-480410 Deletes reference to change of occupancy in exception #4	---	Y	<b>Recommend deleting amendment</b> Jyoti will write proposal
305.8.10 301.5	410.8.1 0 705.1.9	Toilet rooms	WAC 51-50-480410 Allows reduction in number of required plumbing facilities to provide access 8/17- Moses Lake request- Number of rooms or facilities? Now in IEBC Section 305.8.10.	---	Y	<b>Recommend keeping amendment but renumbering to current code section and delete one of them</b> Jyoti will write proposal

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Costs (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
301.5	705.1.5	Accessibility - Dining areas	WAC 51-50-480705 Section not adopted This section deleted in the 2018 IEBC.	---	Y	<b>Recommend deleting amendment</b> Jyoti will write proposal
301.5	906.2	Type B dwelling or sleeping units	WAC 51-50-480906 Eliminates exception for buildings occupied prior to 1991. Language while different from state amendment appears to say the same thing. See IEBC Section 305.8.8. TAG discussion needed. There is no new language in the 2018 IEBC	---	Y	<b>Recommend deleting amendment.</b> Staff will draft proposal
906.2	907.4.1	Structural Evaluation and analysis	WAC 51-50-480907 Requires engineering evaluation for certain structures assigned to Seismic Design Category D. Updates benchmark standard Language in 2018 Section 906.2 appears to cover this amendment.	---	Y	<b>Recommend deleting the amendment</b> Staff will draft proposal
301.5	1204.1	Accessibility	WAC 51-50-481204 Determination of historic significance made by professional responsible for the project, not the code official. It appears that this amendment is incorporated in IEBC Section 305.9 with the Jurisdiction making the call rather than the professional responsible for historical documentation.	---	Y	<b>Recommend deleting this amendment.</b> Jyoti will write proposal
1204.14	1205.14	Natural Light	WAC 51-50-481205 Determination of historic significance made by professional responsible for the project, not the code official	---	Y	<b>Recommend deletion of the amendment</b> Hoyt will write proposal