



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

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2018 INTERNATIONAL BUILDING CODE/ INTERNATIONAL EXISTING BUILDING CODE TECHNICAL ADVISORY GROUP MEETING

LOCATION: Shoreline City Hall
17500 Midvale Avenue North
Shoreline, WA 98133-4905
Call in was available
WebEx was available

DATE: Wednesday, June 20, 2018

TIME: 10:20 a.m. – 1:57 p.m. (Note: There were technical difficulties that delayed the start of the meeting.)

Minutes Report

1. Welcome and Introductions

- a. TAG Members Present in Shoreline, through WebEx or on the phone:
Jim Tinner, TAG Chair representing SBCC
Dean Giles, Architect (East)
Charles Calvano, Architect (West)
Hoyt Jeter, Building Officials
Chris Seaman (Alternate) Building Officials
Micah Chappell, Cities and Counties
Mike Barth, (Special Inspector / Testing Agency)
Jyoti Naik, People with Disabilities
- b. Staff Present or through WebEx:
Richard Brown
Ray Shipman
- c. Visitors Present on the Phone or WebEx:
L.K. Langley
Tien Peng
Bruce Chattin
Lee Kranz
Matt Ojla

Note: This meeting did not have a quorum. The SBCC Bylaws state:

In the event a quorum of TAG members are not present, a report shall be generated summarizing the pros and cons as identified by those participating. That report will then be brought forward on the agenda at the subsequent TAG meeting. The report may be deliberated for a reasonable time period as established by the TAG Chair. Where a quorum is

Again not present, the item may be tabled for a future TAG meeting and the report will be forwarded to the Standing Committee and the SBCC.

2. Review and Approve Agenda

- a. There were no suggestions to modify the agenda.

3. Discuss addressing SB 5450 Mass Timber Products – Building Construction

- a. The chair recommended that the recommendation to the Council would be: Wait for the ICC proposals to be finalized in December and adopt the outcome either out of cycle or as emergency rule. There was a discussion about text changes required for the 2015 IBC versus those required for a 2018 code amendment that would need to be addressed for either emergency rule or out of cycle approaches. Staff was charged with addressing this.

4. Review and Approve 5/23/2018 Minutes

- a. Not addressed due to no quorum.

5. Address Items Approved by the Council on March 16th to be Considered by the TAG for Additional Review and/or Statewide Amendments

- a. See attached summary.

6. 2018 IBC and IEBC Statewide Amendment Proposals

- a. IBC 2902.2 Separate facilities Jyoti Naik [B61-2018](#) TAG recommended a rewrite and resubmittal but there was not a quorum.
- b. IBC 503.1.4 Occupied roofs – Lee Kranz [B12-2018](#) TAG recommended approval but there was not a quorum.
- c. IBC 505.2.3 Mezzanine – Openness - Lee Kranz [B16-2018](#) TAG recommended not approving but there was not a quorum.
- d. IBC 510.2 Horizontal separation – Interior stair - Lee Kranz [B18-2018](#) TAG recommended approval but there was not a quorum.
- e. IBC 510.5 Group R-1 and R-2 buildings of Type IIIA construction – Group R height increase - Lee Kranz [B21-2018](#) TAG recommended approval but there was not a quorum.
- f. IBC 704.6.1 Fire Resistive construction structural attachments - Lee Kranz [B22-2018](#) TAG recommended approval but there was not a quorum.
- g. IBC 705 Exterior walls & projections - Lee Kranz [B23-2018](#) TAG recommended approval but there was not a quorum.
- h. IBC 706.6.1 Stepped buildings - Lee Kranz [B24-2018](#) TAG recommended proponent fix text and tentative approval but there was not a quorum.
- i. IBC 707.4, 1024.8 Exit passageways - Lee Kranz [B25-2018](#) TAG recommended approval but there was not a quorum.
- j. IBC 705.4 Continuity of fire barriers - Lee Kranz [B26-2018](#) Was not addressed due to time constraints.
- k. IBC 717.5.2, 717.5.4 Fire barriers/Fire partitioned – Clarify requirements for exception to install fire dampers in fire barrier and fire partition walls - Lee Kranz [B29-2018](#) was not addressed due to time constraints.
- l. IBC 1006.2.1 Travel distance - Lee Kranz [B34-2018](#) was not addressed due to time constraints.
- m. IBC 1006.3.3 Single exits - Lee Kranz [B36-2018](#) was not addressed due to time constraints.
- n. IBC 1010.1 Locking egress doors - Lee Kranz [B39-2018](#) was not addressed due to time constraints.

- o. IBC 1019.3 Exit access stairways - Lee Kranz [B40-2018](#) was not addressed due to time constraints.
- p. IBC 1023.5 Exit stairway penetrations - Lee Kranz [B42-2015](#) was not addressed due to time constraints.
- q. IBC 1105.1 Power doors - Lee Kranz [B45-2018](#) was not addressed due to time constraints.
- r. IBC 1206.1 Sound transmission - Lee Kranz [B51-2018](#) was not addressed due to time constraints.
- s. IBC 1207.4 Efficiency dwelling unit - Lee Kranz [B52-2018](#) was not addressed due to time constraints.

7. Other Business

- a. None noted.

8. Adjourn

- a. At 1:50 p.m.

Attachment: IBC/IEBC TAG 2015-2018 Changes and 2015 Statewide Amendments Needing a Proposal or Further Review Tracking

June 19, 2018

IBC/IEBC TAG 2015-2018 Changes and 2015 Statewide Amendments Needing a Proposal or Further Review Tracking

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
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IBC

IBC Chapter 1 Scope and Administration (Jim Tinner Original Review)

107.2.8	None	Relocatable buildings	Jim Tinner	Proposal	4/25/2018	TAG agreed that no amendment is needed
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Chapter 2 Definitions (Jim Tinner) TAG Reviewed

202	202	Greenhouse	Staff	Proposal	4/25/2018	TAG agreed that no amendment is needed
202	202	Repair	Staff	Proposal	4/25/2018	TAG agreed that no amendment is needed

IBC Chapter 3 Use and Occupancy Classification (John Williams, Dean Giles, Chris Seaman, Micah Chappell Original Review)

307.1.1	None	Uses other than Group H	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed
310.4	310.5	Residential Group R-3	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
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IBC Chapter 4 Special Detailed Requirements Based on Occupancy (Allen Spaulding, Chris Seaman Original Review)

420.7	None	Groups I-1, R-1, R-2, R3 & R-4 - Group I-1 assisted living	Allen S. volunteered, with John W.	<p>Summary: Existing 420.7 amendment Adult family home - DSHS believes these are still important. Actually has a proposal to mirror some of these requirements in the residential code.</p> <p>New 420.7 is good - It allows areas open to the corridors with several safeguards. Permits some flexibility and provides a more home-like and therapeutic environment. Some portion of this approach are similar to the way many jurisdictions are enforcing the corridor concept today. Also some of our state amendments support this concept. Overall economic impact is mixed - arguably designers and facilities don't have create spaces like this, so they don't have to incur any added cost. There could be added cost related to the addition of smoke detection and quick response heads, but that cost would be minimal.</p> <p><u>Recommend we keep and monitor over the enforcement cycle.</u> Also 420.8,9 and 10 are new directions for open cooking area and living spaces - this can completely replace our old state amendment.</p>	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
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IBC Chapter 5 General Building Heights and Areas (Michael Six, Dean Giles, Robert Gerard Original Review)

506.2.1 Table 506.2	Table 506.2	Allowable area Added S13R and S13D to R occupancies, and added sub note	Staff (Hoyt will assist)	Proposal <i>(Sent to Hoyt for review 6/18/18)</i>		
Table 506.2	Table 506.2	Allowable area Added sub note i: group U greenhouses	Staff (Hoyt will assist)	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
507.4	507.4	Sprinklered one story buildings	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
508.3.1.2	None	Group I-2 Condition 2 occupancies	Allen S./John W.	Summary: This model code language was added to eliminate some discrepancies with non-separated mixed uses. For example, you can have a non-separated b occupancy inside of an I. The B can have unprotected vertical openings- but the I cannot. If it's not separated, can you cut a hole in the floor. This is intended to point users to the more stringent requirements of certain section of the code for Group I-2. Not all of the code - just certain sections. All in all, this concept is also covered by the federal certification requirements. While on the surface it appears to add cost and limit design options, the federal regulations would have prevented anyway. The net impact to the design is minimal. Discussion continue at the national level on this concept, and we are monitoring closely. Recommend we keep.	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.

IBC Chapter 6 Types of Construction (Chris Seaman, Dean Giles, Robert Gerard Original Review)

Table 601	Table 601	Fire resistance rating requirements	Staff	Will report to ICC		
602.4.1	602.4.1	Fire retardant treated wood in exterior walls	Staff	Summary - Staff Will look into it—6 inch requirement		
602.4.2	602.4.2	Cross laminated timber in exterior walls	Staff	Summary - Staff Will look into it—6 inch requirement		
603.1	603.1	Allowable materials	Hoyt	Proposal		

IBC Chapter 7 Fire & Smoke Protection Features (Michael Six, John Williams, Micah Chappell, Robert Gerard Original Review)

Table 705.2	Same	Minimum distance of projection (Note: Amendment Proposal Received from Lee Kranz but did not address the table.)	Staff (with Lee)	Proposal Any context would be most appreciated.	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
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2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
706.1.1	Same	Party walls.	Staff (with Lee)	Proposal/Summary Exception #2 is new to the 2018 IBC and it essentially allows a building to span over a property line as long as an access and maintenance agreement (AKA: single site agreement) is approved by the Building Official. In Bellevue this typically includes some standard language that they have used over the years. Bellevue also insists that the agreement identifies the City as a 3rd party, meaning that the recorded agreement cannot change without the City's approval. We are happy to work on it but I'm not sure what changes are needed other than perhaps making it clear that the document should be recorded and there should be no changes w/o the jurisdiction's approval.	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
708.1	Same	General (fire partitions)	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
718.3	Same	Draft stopping	Jim Tinner	Proposal	4/25/2018	TAG recommends no change to the existing amendment
718.4	Same	Draft stopping	Jim Tinner	Proposal		

IBC Chapter 8 – Interior Finishes (Ryan Pflueger Original Review)

806.1	Same	Decorative materials and trim – General (Note: Amendment Proposal Received from Ryan Pflueger.)	Ryan	Proposal	6/6/2018	TAG agreed that no amendment is needed, however, TAG agreed to consider the submitted proposal.
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IBC Chapter 9 Fire Protection and Life Safety Systems (Chris Seaman Original Review) **All Chapter 9 actions need to be coordinated with the Fire Code TAG**

903.2.1.1	Same	Group A-1	Chris	Summary	6/6/2018	TAG agreed that no amendment is needed
903.2.1.2	Same	Group A-2	Chris	Summary	6/6/2018	TAG agreed that no amendment is needed

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
903.2.1.3	Same	Group A-3	Chris	Summary	6/6/2018	TAG agreed that no amendment is needed
903.2.1.4	Same	Group A-4	Chris	Summary	6/6/2018	TAG agreed that no amendment is needed
903.2.1.5	Same	Group A-5	Chris	Summary	6/6/2018	TAG agreed that no amendment is needed
904.13	Same	Domestic cooking systems.	Allen S. (With Chris)	New requirements for kitchen hoods over cooktops and ranges in an I-1, I-2, and R-2 college dormitory. Provides two options, see section 904.13.1.1 & 904.13.1.2	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
904.13.1	Same	Protection from fire.	Allen S. (With Chris)	See above	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
904.13.1.1	None	Automatic fire-extinguishing system	Allen S. (With Chris)	Option #1 = UL 300A type hood, manual actuation device and, interconnection of the fuel/power supply (mini type 1 hood)	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
904.13.1.2	None	Ignition prevention.	Allen S. (With Chris)	Option #2 = Use of cooktops and ranges that have been tested/listed to prevent ignition of cooking oil.	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
Section 917	None	Mass Notification Systems	Staff	Summary Staff did not find any conflicts with any other statutes.	6/6/2018 6/20/2018	TAG agreed that no amendment is needed. TAG Asked staff to see if there are conflicts with any statutes.

IBC Chapter 10 Means of Egress (Alan Duer, Charles Calvano, Micah Chappell, Allen Spaulding, Chris Seaman Original Review)

1003.3.1	1003.3.1	Headroom	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed
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2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
1006.2.2.6	None	Groups R-3 and R-4	Allen S/John W.	This section places an additional restriction on those Group R3 and R-4 occupancies where using a Type 13D sprinkler system throughout (reference tables). This is an occupancy limitation that modifies the distance permitted in Tables 1017.2 and 1006.2.1 . Both of these tables have pointers back to this section to prevent a user from inadvertently missing this requirement.	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
1006.3, 1006.3.1	1006.3	Exiting through adjacent stories - (new section out of old language)	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed
1006.3.3	1006.3.2	Single Exits (Note: Amendment Proposal received from Lee Kranz and Micah Chappell.)	Jim Tinner	Summary	6/6/2018	TAG agreed that no amendment is needed, however, TAG agreed to consider the submitted proposal.
1008.2.3	None	Illumination of exit discharge to public way and safe dispersal areas	Jim Tinner	Proposal		
1009.4.1 Standby Power	1009.4	Elevators - Standby power for elevators part of accessible means of egress	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed
1010.1.9.12	1010.1.9.11	Locks on stairway doors (Note: Amendment proposals received from Lee Kranz for 1010.1.9 and 1010.1.10)	Chris S.	Proposal		
1029.1.1.1	1029.1.1.1	Spaces under grandstands add bleachers	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
1030.1	1030.1	Required Emergency Escape and Rescue Openings	Al A.	Proposal Summary Upon further consideration Al thought a proposal is not needed.	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.

IBC Chapter 11 Accessibility (Jim Tinner, Ryan Pflueger Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 12 Interior Environment (Micah Chappell, Alan Duer Original Review)

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments						

IBC Chapter 13 Energy Efficiencies (Micah Chappell, Alan Duer Original Review)

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 14 Exterior Walls (Michael Six, John Williams, Micah Chappell, Robert Gerard Original Review)

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 15 Roof Assemblies and Rooftop Structures (Richard Brown Original Review)

1505.10	Same	Roof gardens and landscaped roofs	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed
1507.1.1	1507.2.4	Self-adhering polymer modified bitumen sheet	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed

IBC Chapter 16 Structural Design (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

1604.9	1604.1	Wind and Seismic Detailing (Cost)	Staff (Hoyt)	Summary	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
Table 1607.1	Same	Balconies and Decks (Costs)	Staff (Hoyt)	Summary	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
1616.2.- 1616.2.4	1615.3 – 1615.4.2. 4	Structural Integrity	Staff (Hoyt)	Summary <i>(Sent to Hoyt for review 6/18/18)</i>		

IBC Chapter 17 Special Inspections and Tests (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
1704.6.1	None	Structural observations for structures	Hoyt	<p>Summary</p> <p>1704.6.1 Structural observations for seismic resistance for structures.</p> <p>Structural observations shall be provided for those structures assigned to Seismic Design Category D, E or F where one or more of the following conditions exist:</p> <ol style="list-style-type: none"> 1. The structure is classified as Risk Category III or IV. 2. The height of the structure is greater than 75 feet (22,860 mm) above the base as defined in ASCE 7 The structure is a high-rise building. 3. The structure is assigned to Seismic Design Category E, is classified as Risk Category I or II, and is greater than two stories above grade plane Such observation is required by the registered design professional responsible for the structural design. 4. When so designated by the registered design professional responsible for the structural design Such observation is specifically required by the building official. 5. When such observation is specifically required by the building official. 	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
1705.5.2	Same	Metal-plate-connected wood trusses	Staff	Summary Proposal	6/6/2018 6/20/2018	TAG requested that staff prepare a proposal to not accept 2018 changes. TAG recommended acceptance of the amendment but there was not a quorum.
1705.12.6	Same	Plumbing, mechanical and electrical components.	Chris/Hoyt	Proposal	5/23/2018	TAG recommends approval of the proposal

IBC Chapter 18 Soils and Foundations (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
1807.2.2	Same	Design lateral soil loads	Hoyt	Summary 1807.2.2 Design lateral soil loads. Retaining walls shall be designed for the lateral soil loads set forth in Section 1610. For structures assigned to Seismic Design Category D, E, or F, the design of retaining walls supporting more than 6 feet (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.	6/20/2018	TAG recommended a proposal stating measurement is to the bottom of the footing but there was not a quorum.

IBC Chapter 19 Concrete (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 20 Aluminum (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 21 Masonry (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

SECTION						
2114	None	DRY-STACK MASONRY	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed

IBC Chapter 22 Steel (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 23 Wood (Hoyt Jeter, Kevin Richardson, Robert Graper, Dean Giles Original Review)

2303.6	Same	Nails and staples	Hoyt	Proposal		
TABLE 2304.10.1	Same	Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing	Hoyt	Proposal		

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
2304.11	Same	Heavy timber construction	Al Audette	<p>Summary 2304.11 Heavy timber construction. Where a structure or, portion thereof or individual structural elements are required to be of Type IV construction by other provisions of this code to be of heavy timber, the building elements therein shall comply with the applicable provisions of Sections 2304.11.1 through 2304.11.4. Minimum dimensions of heavy timber shall comply with the applicable requirements in Table 2304.11 based on roofs or floors supported and the configuration of each structural element, or in Sections 2304.11.2 through 2304.11.4. Lumber decking shall be in accordance with Section 2304.9.</p>	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.

IBC Chapter 24 Glass and Glazing (Jim Tinner Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 25 Gypsum Board, Gypsum Panel Products and Plaster (Micah Chappell and Richard Brown Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 26 Plastic (Richard Brown Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 27 Electrical (Micah Chappell, John Moullen, John Williams Original Review)

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
2701.1	2701.1	Scope	Staff (Krista)	<p>Proposal Help New section SECTION 2701 GENERAL</p> <p>2701.1 Scope. The provisions of this chapter and NFPA 70 shall govern the design, construction, erection and installation of the electrical components, appliances, equipment and systems used in buildings and structures covered by this code. The International Fire Code, the International Property Maintenance Code and NFPA 70 shall govern the use and maintenance of electrical components, appliances, equipment and systems. The International Existing Building Code and NFPA 70 shall govern the alteration, repair, relocation, replacement and addition of electrical components, appliances, or equipment and systems.</p>	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
2702.1.8	2702.1.7	Group I-2 Occupancies	Staff	Summary	6/6/2018	TAG agreed that no amendment is needed

IBC Chapter 28 Mechanical Systems (Richard Brown Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 29 Roof Assemblies and Rooftop Structures (Jim Tinner Original Review)

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
2901.1	2901.1	Scope	Jim Tinner	<p>Summary [P] 2901.1 Scope. The provisions of this chapter and the International Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance <u>design, construction, erection and installation</u> of plumbing <u>components, appliances,</u> equipment and systems <u>used in buildings and structures covered by this code.</u> Toilet and bathing rooms shall be constructed in accordance with Section 12409 Plumbing systems and equipment shall be constructed, installed and maintained in accordance with the International Plumbing Code. Private sewage disposal systems shall conform to the International Private Sewage Disposal Code. <u>The International Fire Code, the International Property Maintenance Code and the International Plumbing Code shall govern the use and maintenance of plumbing components, appliances, equipment and systems. The International Existing Building Code and the International Plumbing Code shall govern the alteration, repair, relocation, replacement and addition of plumbing components, appliances, equipment and systems.</u></p>	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
Table 2902.1	Table 2902.1	Minimum number of required plumbing fixtures	Jim Tinner	Summary		

IBC Chapter 30 Elevators & Conveying Systems (Dean Giles Original Review)

3001.2	None	Emergency communication systems for deaf and speech impaired	Dean Giles	Summary	4/25/2018	TAG agreed that no amendment is needed
3007.1	3007.1	General (fire service access elevator requirements)	Dean Giles	Summary	4/25/2018	TAG agreed that no amendment is needed

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
3007.1	Same	General (fire service access elevator)	Dean Giles	Summary	4/25/2018	TAG agreed that no amendment is needed

IBC Chapter 31 Special Construction (Alan Duer, Michael Six Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IBC Chapter 32 Encroachments Into the Public Right-Of-Way (Richard Brown Original Review)

There were no changes to this chapter from the 2015 IBC to the 2018 IBC

IBC Chapter 33 Safeguards During Construction (Richard Brown Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC

IEBC Chapter 1 Scope and Administration (Jim Tinner Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 2 Definitions (Jim Tinner, Dean Giles, John Moulten Original Review)

New	None	Disproportionate Earthquake Damage	Hoyt	<p>Summary</p> <p>[BS] DISPROPORTIONATE EARTHQUAKE DAMAGE. A condition of earthquake-related damage where both of the following occur:</p> <p>1. The 0.3-second spectral acceleration at the building site as estimated by the United States Geological Survey for the earthquake in question is less than 40 percent of the mapped acceleration parameter SS.</p> <p>2. The vertical elements of the lateral force-resisting system have suffered damage such that the lateral load-carrying capacity of any story in any horizontal direction has been reduced by more than 10 percent from its predamage condition.</p>	6/20/2018	TAG agreed that no amendment is needed but there was not a quorum.
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IEBC Chapter 3 Provisions for All Compliance Methods (Chris Seaman, Hoyt Jeter Original Review)

305.8.10	410.8.10	Toilet rooms (for existing amendment)	Staff	Proposal	6/6/2018	TAG agreed that no amendment is needed
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2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
305.9	1204.1	Historic buildings (for existing amendment)	Staff	Proposal	6/6/2018	TAG agreed that no amendment is needed

IEBC Chapter 4 Repairs (Chris Seaman, Hoyt Jeter Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 5 Prescriptive Compliance Method (Chris Seaman, Hoyt Jeter Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 6 Classification of Work (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 7 Alterations—Level 1 (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter Original Review)

701.4	None	Emergency escape and rescue openings	Al Audette	Proposal		
702.4	Same	Window opening control devices on replacement windows	Staff (Jim)	Proposal <i>{Sent to Jim T. for review 6/19/2018.}</i>		
706.2	707.2	Addition or replacement of roofing or replacement of equipment	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed

IEBC Chapter 8 Alterations—Level 2 (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter Original Review)

801.3	801.3	Compliance Added Exception 5	Staff	Proposal	6/6/2018	TAG agreed that no amendment is needed
801.3.6	801.3	Compliance Added Exception 6	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
802.2.1	803.2.1	Existing vertical openings	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
None 803.2.5	804.2.4	Other required sprinkler systems	Staff	Proposal & Summary	6/6/2018	TAG agreed that no amendment is needed
Section 804	None	Carbon Monoxide Detection	Staff	Proposal & Summary	6/6/2018	TAG agreed that no amendment is needed

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
804.1		Carbon monoxide alarms	Staff	Proposal & Summary	6/6/2018	TAG agreed that no amendment is needed
805.3.1.1.1	Same	Single-exit buildings	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
Table 805.3.1.1(1)	None	Stories with one exit- R-2 occupancies	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed
Table 805.3.1.1(2)	None	Stories with one exit- other occupancies	Staff	Proposal Summary	6/6/2018	TAG agreed that no amendment is needed

IEBC Chapter 9 Alterations—Level 3 (Chris Seaman, Dean Giles, Allen Spaulding Hoyt Jeter Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 10 Change of Occupancy (Michael Six, John Williams Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 11 Additions (Jim Tinner Original Review)

1103.1	1103.2	Additional gravity loads	Hoyt	Proposal		
1103.2	1103.3	Lateral force-resisting system	Hoyt	Proposal		

IEBC Chapter 12 Historic Building (Dean Giles Original Review)

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
1205.1	1206.1	Structural- general	Staff/Hoyt	<p>Summary SECTION 1206.5 STRUCTURAL [BS] 1206.5.1 General. Historic buildings shall comply with the applicable structural provisions for the work as classified in Chapter 5. Exception: The code official shall be authorized to accept existing floors and approve operational controls that limit the live load on any such floor. <u>1. The code official shall be authorized to accept existing floors and existing live loads and to approve operational controls that limit the live load on any floor.</u> <u>2. Repair of substantial structural damage is not required to comply with Sections 405.2.3 and 405.2.4. Substantial structural damage shall be repaired in accordance with Section 405.2.1.</u></p>	6/20/2018	TAG recommended a proposal striking Exception 2. but there was not a quorum.

IEBC Chapter 13 Performance Compliance Methods (Micah Chappell, John Moullen, Alan Duer Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 14 Relocated or Moved Buildings (Alan Duer Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

IEBC Chapter 15 Construction Safeguards (Dean Giles Original Review)

The Building Code TAG does not think any changes in this chapter from the 2015 IBC to the 2018 IBC warrant amendments

Amendments to WAC 51-50

2015 IBC Amendments

Same	003	Adopts by reference the International Building Code (IBC) Update reference	Staff	Proposal Staff will address this		
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2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
Same	005	Accessibility Look at adopting updated standard	Staff	Summary	6/6/2018	the TAG requested that the BFP Codes Committee look at WAC 51-50-005 International Building Code requirements for barrier-free accessibility. I didn't realize that this WAC isn't one the TAG addresses, it addresses the adopted code sections that cannot be modified locally. Stated differently: The 2018 IBC did not modify its reference to ICC A117.1-2009 from that in 2015, therefore WAC 51-50-005 International Building Code requirements for barrier-free accessibility doesn't change.
Same	007	Exceptions Update to adopt the 2018 IEBC	Staff	Proposal Staff will address this		
Same	008	Establishes the effective date Planned effective date for 2018 IBC is July 1, 2020	Staff	Proposal Staff will address this		

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
308.2.3	308	Institutional Group I - The TAG should solicit input from stakeholders on this issue and perhaps come up with a recommendation. (Note: There are proposals from Allen Spaulding and Matt Campbell addressing 308.)	Allen S./ John W. (with staff & Lee)	DOH has a proposal to address the Residential treatment facility type. Given the very recent expansion of this license type, the use of group I1, condition 2 is not appropriate in all cases. Some of these facilities should be designed as either Group I-2 or I-3. A few may be an appropriate fit for Group R-3.		
312.1.1	312	General Group U -	Chris	Summary Recommend possible deletion of this amendment	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
Same	403.5.4	Smoke proof enclosures - Recommend possible deletion of this amendment	Staff	Proposal & Summary	6/6/2018	TAG recommends approval of the proposal
412.7.3	412.8.3	Means of egress	Allen S./John W.	Original change was proposed to deal with the potential hazards from structure borne aircraft. The logic is that buildings would be protected from the additional hazard of a helistop, by extending the rating of the stair to the exterior walls on the roof. We do not have data to support the frequency and impacts of aircraft related fires that adversely impact the building. The cost is relatively minimal which balances the infrequency of need.		
420.12	420.8	Licensed care cooking facilities	Allen S./John W.	The concept contained in our state amendment is now captured in the 2018 base version. This state amendment is no longer needed. Recommend delete		
Same	422.3.1	Means of egress	Allen S./John W.	The concept contained in our state amendment is now captured in the 2018 base version. A state amendment is needed to change the words "defend in place" to "staged evacuation". Recommend modification of state amendment. ASF is not a "defend in place" environment.		
429	427.1	Electric vehicle charging infrastructure (Note: There is a proposal from Todd Thayer addressing 427.)	Staff	Proposal	6/6/2018	TAG agreed to look at the two proposals at the same time

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
Same	503.1	General Building Height and Area Limitations	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	504.4.1	Stair enclosure pressurization increase (Note: There is a proposal from Dave Kokot and Allen Spaulding.)	Allen S./John W. (with staff) (and Chris)	Amendment submitted consistent w/SBCC interpretation. Recommend defer until discussion on proposed amendment.		
Same	505.2.1	Area limitation	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	505.2.1.1	Aggregate area of mezzanines & equipment platforms	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	505.3.1	Area limitation	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	Table 509	Incidental uses (Note: There is a proposal from Eric Vander Mey)	Staff	Proposal	6/6/2018	TAG agreed to look at the two proposals at the same time
Same	510.2	Horizontal building separation distance (Note: There is a proposal from Lee Kranz)	Allen S./John W	Amendment submitted consistent w/SBCC interpretation. Recommend defer until discussion on proposed amendment.		
Same	510.2	Horizontal building separation allowance (Note: There is a proposal from Lee Kranz)	Allen S./John W	See above		
Same	706.1	General - Fire Walls	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
All Chapter 9 actions need to be coordinated with the Fire Code TAG						
Same	903.2.1.6	Assembly occupancies on roofs	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	903.2.3	Group E	Staff	Proposal Summary	6/6/2018	TAG recommends no change to the existing amendment

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
Same	903.2.6	Group I (Note: There is a proposal from Clynn Wilkinson.)	Allen S./John W.	Existing amendment allows smaller licensed care facilities to use the attic protection that is allowed in a group R-4. As written, smaller additions to larger facilities would also be able to use this approach. The threshold was inadvertently set an less than 16 as opposed to 16 or fewer. This should be corrected. Also, it may be more appropriate to limit the exception for additions to only apply to those licensed care facilities previously reviewed as group R-2 or LC, as I believe this was the original intent. Recommend modify. Proposal submitted.		
Same	903.2.11.1.3	Specific building areas Basements	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	903.3.5.3	Water supply piping	Chris	Summary		
Same	907.2.3	Group E	Staff	Summary Staff will coordinate with Fire Code TAG		
Same	907.2.6	Group I	Allen S./John W.	Model code has changed to address previous concerns. Recommend deleting current state amendment.		
Same	907.2.6.1	Group I-1	Allen S./John W.	Model code has changed to address previous concerns. Recommend deleting current state amendment.		
Same	907.5.2.1.2	Maximum sound pressure	Chris	Summary		
Same	907.10	NICET	Staff	Proposal Staff will coordinate with Fire Code TAG		
1004.5.1	1004.2	Increased occupant load	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	1006.2.2.6	Electrical equipment rooms TAG Recommended Renumbering	Staff	Proposal Staff will address this		
Same	1009.1	Accessible means of egress	Staff	Summary	4/25/2018	TAG recommends no change to the existing amendment
1010.1.9.4	1010.1.9.3	Locks and Latches	Allen S./John W.	Proposal submitted - defer until conversation re: new proposals.		

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
1010.1.9.7	1010.9.6	Controlled egress	Allen S./John W.	Proposal submitted - defer until conversation re: new proposals.		
Same	1010.1.10	Panic hardware	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
1010.1.10	1010.1.10.3	Electrical Room Clearance	Staff	Proposal Staff will reach out to L&I		
Same	1012.1	Ramps	Staff	Summary	4/25/2018	TAG recommends no change to the existing amendment
Same	1028.4.1	Width or capacity	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	1101.2.1 ICC A117.1 Section 403.5	Clear width of accessible route	Staff	Summary	4/25/2018	TAG recommends no change to the existing amendment
Same	1101.2.2 ICC A117.1 Section 404.2.8	Door opening force	Joyti	Proposal	6/6/2018	TAG recommends rejecting proposal
Same	1101.2.3 ICC A117.1 Section 407.4.6.2 .2	Arrangement of elevator car buttons	Staff	Summary Repeal if the 2017 A117.1 is adopted		
Same	1101.2.5 ICC A117.1 Section 604.6	Flush controls	Joyti	Summary	4/25/2018	TAG recommends no change to the existing amendment
Same	1107.6	Group R	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
Same	1107.6.2.2.1	Type A units	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	1107.6.2.3	Group R-2 other than live/work units, apartment houses, monasteries and convents	Staff	Proposal	6/6/2018	TAG recommends rejecting the proposal
1202.1	1203.1	Ventilation	Staff	Summary TAG requested review by Mechanical Code TAG		
1202.3	1203.3	Unvented attic and unvented enclosed rafter assemblies	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
1202.7	1203.7	Other ventilation and exhaust systems	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
1203.1	1204.1	Equipment and systems	Staff	Proposal Summary	6/6/2018	TAG agrees no proposal is needed.
1207.3	1208.3	Room Area	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	Table 1607.1	Minimum uniformly distributed live loads, L_o , and minimum concentrated live loads	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	2107.2.1	Lap splices	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	2407.1.1	Glass in handrails and guards. Loads	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	2407.1.2	Structural glass baluster panels	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	2603.10	Wind resistance	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
Same	2901.1	Scope	Joyti	Summary	4/25/2018	TAG recommends no change to the existing amendment

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
Same	2901.2	Health codes	Joyti	Summary	4/25/2018	TAG recommends no change to the existing amendment
Same	2902.1	Minimum number of fixtures	Joyti	Proposal	4/25/2018	TAG recommends no change to the existing amendment
Same	2902.2	Separate facilities	Joyti	Proposal	5/23/2018 6/20/2018	TAG recommend disapproval but agreed to revisit the issue on 6/20 TAG Requested proponent come back with revised language but there was not a quorum.
Same	2902.3.1	Access	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
2902.8	2902.7	WC space required	Joyti	Summary Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
2902.1	2902.9	Drinking fountain exception	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
Same	Table 2902.1	Minimum number of required plumbing fixtures	Joyti	Summary	4/25/2018	TAG directed staff to make technical correction

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
3001	WAC 51-50-3001	Reserved	Staff	Summary	4/25/2018	TAG requested staff to prepare a proposal to delete the text associated with this amendment
Same	3009.1	Hoistway venting	Dean	Summary	4/25/2018	TAG recommends no change to the existing amendment
Same	3009.1	Vents required	Dean	Summary	4/25/2018	TAG recommends no change to the existing amendment
EXISTING BUILDING CODE						
Same	403.1	Alterations - General	Joyti	Summary	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
506.1	407.1	Conformance	Staff	Summary Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
1301.2	409.1	Moved structures – Conformance	Staff	Proposal	6/6/2018	TAG asked staff to verify proposal
305.6	410.6	Accessibility - Alterations	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
305.8.10	410.8.10	Toilet rooms	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
301.5	705.1.9	Toilet rooms	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
301.5	705.1.5	Accessibility - Dining areas	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
301.5	906.2	Type B dwelling or sleeping units	Staff	Proposal	6/6/2018	TAG recommends approval of the proposal
906.2	907.4.1	Structural Evaluation and analysis	Staff	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
301.5	1204.1	Accessibility	Joyti	Proposal	6/20/2018	TAG recommended a proposal to omit this amendment but there was not a quorum.
1204.14	1205.14	Natural Light	Hoyt	Proposal		



Ready for review June 20, 2018

Additional work needed

2018 Code Section	2015 Code Section	Title or Subject	Point Person	Proposal or Summary	Date Reviewed by TAG	Action
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