

**IRC TAG Significate Change Report**

2021 Code Section	2018 Code Section	Title or Subject	Reviewers Comments	Cost (Y/N)	Amend Needed (Y/N)	TAG Comments / Recommendations
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**00 General**

TAG Member: Ray Shipman (Staff)

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**01 Scope and Administration**

TAG Member: Jennifer Eliuk

R102.7.1		Additions, Alterations or Repairs	Clarification on when to use the IEBC, when there is a use or occupancy change that falls outside of the scope of the IRC	Y	Keep existing amendment	Adopt their new language, but we have exceptions we have added so we still need an amendment to include those.
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**03 Building Planning**

TAG Member: Jennifer Eliuk / Quyen Thai

301.1.4		Intermodal Shipping Containers	New to the 2021. Might be good but also may conflict with Land Use.	Y	Y	Modify to ref. WSEC
Table 301.2.1 (2)			Should we have SEAW look at this?	Y- Down	Y	Modify to keep 2018 table
301.2.1.1		Wind Limitations	Add Amendment to include topographic Factors?	Y	Y	Up speed factors need to be ref.?
301.2.2.10		Anchorage of Water Heaters	Need to amend to not adopt P2801.8 and reference UPC 507.1 instead.	N	Y	Ref. 507 in UPC
302.2		Townhouses	Will need to update our amendment with similar language.	N	Y	Change or to and in model language
302.3		Two-Family Dwellings	Separation required regardless of lot line	N	Y	Keep current amendment Not adopt the model code sentence
				N	Y	Modify amendment to remove nfpa 13d with P-2904 Model code change
303.4		Mechanical ventilation	Amend to reference WSEC?	N	Y	Ref. WSEC
311.7		Stairways	Maintain our amendment for R311.4.	N	Y	Keep amendment move to base code under 311.7
314.3.1		Installation near cooking appliances	Maintain our heat detection device in garage amendment.	N	Y	Keep amendment
315.2.2		Alterations, repairs, and additions	Separated out mechanical and specified "not fuel fired". Our amendment already identifies this.	N	Y	Keep amendment
R317.1		Protection of Wood Against Decay	Revised and reorganized for clarification. Described as long overdue overhaul but there is no intent to significantly change the technical content, only to clarify requirements, clean up errors in syntax and correct misleading text.	Little if any?	N	No action needed
R320		Accessibility	Provisions for live/work units and owner-occupied lodging houses under the IRC are clarified. Does not add new requirements, just makes existing requirements and exemptions more clear.	N	N	No action needed
R323		Storm Shelters	Upgraded design/construction requirements for storm shelters placed above ground to provide protection from high wind events such as hurricanes or tornadoes. Requires they are built to ICC 500 and that plans are prepared by licensed design professional.	Y	N	Likely there are not many of these in our state, these requirements come after storm shelters designed to be underground were used above ground and failed. These are important life safety requirements I suggest we keep.
R324.3		PV Systems	Building-integrated PV systems do not require firefighter access pathways and setbacks.			More research required. Coordinate with the fire TAG.
R326		Habitable Attics	Limits to area and in some cases requires a sprinkler system	N	N	Use model code language

**04 Foundations**

TAG Member: Annie O'Rourke

Table R403.1(1)		Minimum Width & Thickness	Captured engineering errors in prior version	N	N	
Table R403.1(2)		w/brick veneer		N	N	
Table R403.1(3)		concrete & CMU		N	N	
R406.2		Waterproofing	deletes 6 mil as option	Y min.	N	
R408.8		Under floor vapor retarder	The significant changes does not apply in Washington. There will be a code change for the re-write of the section.	N	Y	

**05 Floors**

TAG Member: Annie O'Rourke

R506.2.3		Vapor Retarder	6 mil no longer permitted - 10 mil required	Y	N	
R507.1		Decks		N	N	
R507.3		Footings	footing section for decks has been clarified for decks at grade	N	N	
Table R507.3.1		Min Footing size	we will retain our amendment in lieu of new text	N	Y	Strike model code table
Table R507.4		Deck Posts	post heights do not match our amendment - we will retain our amendment in lieu of new text	N	Y	Strike 507.4 in model code
R507.4		Deck Posts	language clean up	N	N	Use model code language
R507.5		Deck beams	language clean up	N	N	
Table 507.5		Max span	we will retain our amendment in lieu of new text	N	Y	Strike model code Table
R507.6		Deck Joists	clarification of confusing cantilever length sizing	N	N	
Table 507.6		Max spans	we will retain our amendment in lieu of new text	N	Y	Strike model code table

R507.7	Wood Decking	refers composite wood to another section rather than including it here	N	N	
Table 507.7	Max span	relocates composite decking to another section	N	N	
Section 507.10	Exterior Guards	adds new section describing the requirements for exterior guard. Lacks details though.	N	N	
<b>06 Wall Construction</b>					
<b>TAG Member: Michelle Yee / Micah Chappell</b>					
602.10.1.2	Location of braced wall lines and permitted offsets.	Little more restrictive but clearly defined	N	N	
<b>07 Wall Coverings</b>					
702.7	Vapor retarder Material		N	N	Nothing
<b>08 Roof-Ceiling Construction</b>					
<b>TAG Member: Quyen Thai</b>					
802.3	Ridge	Engineering practices added to the code	N	Y	Maintain 2018 language
802.6	Bearing		N	Y	Maintain 2018 language
802.11	Roof tie uplift resistance	Exceptions added, provides more flexibility	N	N	
<b>09 Roof Assemblies</b>					
<b>TAG Member: Quyen Thai</b>					
905.1.1	Underlayment	Adds flexibility, expands information in exceptions	N	N	
905.3	Clay and Concrete Tile	Adding exception for spaced lumber allowances for clay tiles in seismic categories A, B, & C	N	N	
Table 905.4.4.1	Class. Of steep slope metal roof shingles	Adding clarifications for material requirements	N	N	
Table 905.16.6	Classification of photovoltaic shingles	Clarifying language in table form	N	N	
<b>10 Chimneys and Fireplaces</b>					
<b>TAG Member: Quyen Thai</b>					
					Nothing