



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

1500 Jefferson Street SE • P.O. Box 41449 • Olympia, Washington 98504
(360) 407-9277 • e-mail sbcc@des.wa.gov • www.sbcc.wa.gov

2018 INTERNATIONAL RESIDENTIAL CODE TECHNICAL ADVISORY MEETING MINUTES

LOCATION: Shoreline City Hall
17500 Midvale Avenue North,
Shoreline, WA 98133

MEETING DATE: Wednesday November 14, 2018

Members in Attendance: Jim Tinner, TAG Chair; Angela Haupt, David Spencer, Tim Woodard, Ron Perkerewocz, Todd Short, Michelle Yee, Willie Hill

Members Absent: Al Audette, Kim Flanary,

Staff In Attendance: Richard Brown, Lori Yantzer

Visitors Present: Annie O'Rourke, Jonathan Jones, Mike Moore, Roger LeBrun, Suzanne Mayer

Agenda Items	TAG/Staff Actions/Discussion
1. Welcome and Introductions	Meeting called to order at 10:00 a.m. by Chair Jim Tinner. Everyone was welcomed and roll was taken.
2. Review & Approve Agenda	The agenda was approved as written.
3. Review and Approve October 31, 2018 Minutes	The minutes were approved as written
4. Review Results From Tasks Assigned at October 31 st Meeting	See the attached Review Worksheet.
5. Adjourn	The meeting was adjourned at 11:30p.m.

Richard noted that the next TAG meeting is scheduled for November 28, 2018.

Attachments: 2018 IRC Review Worksheet

Washington State Building Code Council • Code Change Cycle 2018 Group 2 2018 International Residential Code Review Worksheet

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
WAC Administration Scope and Administration (SBCC Staff)						
---	---	WAC 51-51-001 Authority	States authority of WAC 51-51.	N	N	11/14/2018 TAG recommends keeping WAC unchanged
---	---	WAC 51-51-002 Purpose	States purpose of WAC 51-51	N	N	11/14/2018 TAG recommends keeping WAC unchanged

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
---	---	WAC 51-51-003 International Residential Code	The 2015 edition of the International Residential Code as published by the International Code Council is hereby adopted by reference with the following additions, ... and Appendix Q, Dwelling Unit Fire Sprinkler Systems, are included in adoption of the International Residential Code. <i>Is there a better way of addressing Appendix Q?</i> This WAC needs to be amended because Appendix Letters have changed.	N	Y	11/14/2018 TAG okay with WAC but instructed SBCC staff to look into if there is a more eloquent method for local jurisdictions to adopt residential sprinklers
---	---	WAC 51-51-007 Exceptions	No changes are recommended	N	N	11/14/2018 TAG recommends keeping WAC unchanged
---	---	WAC 51-51-008 Implementation	States adoption date. Needs amendment	N	Y	11/14/2018 TAG recommends an amendment
Chapter 1 Scope and Administration (Kim Flanary, Willie Hill)						

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Same	R101	WAC 51-51-01010 Scope	Need to reconcile changes with 2018 Code with WAC. On 11/14/2018 the TAG recommended keeping the WAC unchanged, however, SBCC staff is asking for another look.	N	Y	
Same	R102	WAC 51-51-0102 Applicability	R102.5 Appendices. R102.7.1 Additions, alterations or repairs R102.7.2 Moved buildings Keep amendment	N	N	11/14/2018 TAG recommends keeping WAC unchanged
R101.2		Scope	Clarifies section (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R104.11		Alternative Materials and Methods of Construction	Clarifies section (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R105.1		Change of Occupancy	Clarifies section (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R110.1		Change of Occupancy	(Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
-------------------	-------------------	------------------	-------------------	-----------------------	--------------------	------------------------------

Chapter 2 Definitions. (Kim Flanary, Willie Hill)						
Same	R202	WAC 51-51-0202 Definitions	ADULT FAMILY HOME AIR-IMPERMEABLE INSULATION. (Omit This is addressed in the 2018 Code) ATTIC, HABITABLE. CHILD CARE, FAMILY HOME. CHILD DAY CARE, CONDITIONED SPACE. DWELLING UNIT. FIRE SEPARATION DISTANCE. MEZZANINE, LOFT. SALT WATER COASTAL AREA. SMALL BUSINESS. WHOLE HOUSE VENTILATION SYSTEM.	N	Y	11/14/2018 TAG recommends no amendment but asked staff to verify. An amendment is needed to omit one definition.
R202		Definition of Access	Defined Access (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R202		Change of Occupancy	Defined Change of Occupancy (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R202		Definition of Crawl Space	Defined Crawl Space (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R202		Definition of Carbon Monoxide Alarm	Defined Carbon Monoxide Alarm (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R202		Definition of Fenestration	Defined Fenestration (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R202		Definition of Attic, Habitable	Defined Attic, Habitable (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R202		Definition of Solar Energy System	Defined Solar Energy System (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
Chapter 3 Building Planning (Jim Tinner, Al Audette)						

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	R301	WAC 51-51-0301 Design Criteria	R301.2 Climatic and geographic design criteria. R301.2.2.3.1 Height limitations. R301.5 Live load. Need to maintain the state amendment regarding 60 PSF deck live loads	N	Y	11/14/2018 TAG Requested that the Residential Energy Code TAG review R301.2, Strike the amendment regarding R301.2.2.3.1 because it is addressed in the 2018 Code and retain the amendment for R301.5
TABLE R301.2(1)	Same	Climatic and Geographic Design Criteria	Tied to a WAC This belongs in the WSEC (Considered a significant change by IRC)	N	Y	11/14/2018 TAG Requested that the Residential Energy Code TAG review
R301.2.2.1	Same	Seismic Design Category	Allows greater flexibility in determining seismic design requirements (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R301.2.2.6	None	Irregular Buildings	This clarifies existing language (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
	R302	WAC 51-51-0302 Fire-resistant construction	R302.1 Exterior walls (Addressed in 2018 IRC) R302.2 Townhouses. (Addressed in 2018 IRC) R302.2.1 Continuity. R302.2.4 Structural independence R302.3.1 Supporting construction R302.13 Fire protection of floors	N	Y	11/14/2018 TAG recommends keeping the RCW but eliminating R302.1 and R302.2
R302.1	Same	Exterior Walls	Provides clarity (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R302.2	Same	Townhouse Separation	We already do this in Washington. The IRC has been all over the board on this issue (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment.
R302.3	Same	Two-Family Dwelling Separation	Provides ability to use IBC fire separation requirements (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment.

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R302.4.2	Same	Membrane Penetrations	Brings IRC into sync with IBC regarding can lights (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment.
R302.5	Same	Dwelling-Garage Opening Protection	Allows automatic closing doors (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R302.10		Insulation Flame Spread	Only applies when facing is not insubstantial contact with wall covering such as GWB (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R302.13		Fire Protection of Floors above Crawl Spaces	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	R303	WAC 51-51-0303 Light, ventilation and heating	R303.2 Adjoining rooms. R303.3 Bathrooms. R303.4 Minimum ventilation performance. R303.5 Opening location. R303.5.1 Intake openings. R303.5.2 Exhaust openings. R303.5.2.1 Exhaust ducts. R303.7 Interior stairway illumination. R303.8 Exterior stairway illumination R303.9 Required heating R303.9.1 Definitions. DESIGNATED AREAS SUBSTANTIALLY REMODELED R303.9.2 Primary heating source. R303.9.3 Solid fuel burning devices	N	N	11/14/2018 TAG recommends keeping the RCW unchanged
	R307	WAC 51-51-0307 Toilet, bath and shower spaces	N	N	N	11/14/2018 TAG recommends keeping the RCW unchanged
	R308	WAC 51-51-0308 Glazing	R308.4.4 Glazing in guards and railings. R308.4.4.1 Structural glass baluster panels. Addressed in 2018 Code	N	Y	11/14/2018 TAG recommends eliminating the RCW

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R308.4.2		Glazing Adjacent to Doors	The scenario depicted in the code change rarely happens (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R308.4.4		Glazing in Guards and Railings	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R308.4.7		Glazing Adjacent to the Bottom Stair Landing	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R310.1		Emergency Escape and Rescue Openings	Steve Shapiro code change allowing basement bedroom egress windows to be eliminated when 13-D sprinklers are present. (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R310.3		Area Wells for Emergency Escape and Rescue Doors	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
	R311	WAC 51-51-0311 Means of egress	R311.4 Vertical egress.	N	N	11/14/2018 TAG recommends keeping the RCW unchanged

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R311.7.1		Handrail Projection	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R311.7.3		Maximum Stair Rise between Landings	Increases rise of a flight of stairs from 147" to 151". Change accommodates tall ceilings in homes without the need for added stairway landings. (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R311.7.5.3		Stair Nosings	Clarifies that stair nosings must be consistent throughout the stairway. (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R311.7.8.2-8.4		Handrail Projection	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R311.7.1.1		Alternating Tread Devices and Ships Ladders	(Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R311.7.1 2		Alternating Tread Devices and Ships Ladders	Allows ship ladders or alternating tread devices to serve as means of egress from lofts up to 200 sq. ft. Washington State amendment already allows ropes or hang gliders to be used in the same scenario. (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R312.1		Guards	(Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
	R313	WAC 51-51-0313 Automatic fire sprinkler systems	Section R313—Automatic fire sprinkler systems. This section is not adopted.	N	N	11/14/2018 TAG recommends keeping the RCW unchanged
	R314	WAC 51-51-0314 Smoke alarms	R314.2.2 Alterations, repairs and additions R314.3 Location Electric work is not exempt in the IRC but it is in the state amendment. Napping areas are not including in the IRC. Retain State amendment to R314.3.	N	N	11/14/2018 TAG recommends keeping the RCW unchanged

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R314		Smoke Alarms	Smoke alarms in alteration no longer required to be interconnected regardless of removal of wall or ceiling finishes. (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
	R315	WAC 51-51-0315 Carbon monoxide alarms	R315.1 General R315.1.1 Listings. R315.2 Where required. R315.2.1 New construction R315.2.2 Alterations, repairs, and additions R315.3 Location. R315.4 Combination alarms. 2018 IRC now requires that CO alarms be interconnected if wall or ceiling finishes being removed so allow.	N	N	11/14/2018 TAG recommends keeping the RCW unchanged
R315		Carbon Monoxide Alarms	CO alarms now required to sound each other when an alarm happens. Can be via wireless connection. (Considered a significant change by IRC)	Y	N	11/14/2018 TAG recommends no amendment
R317.3		Fasteners in Treated Wood	Staples required to be stainless steel in treated wood. Staples are rarely used these days. (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R322.3		Coastal High-Hazard Flood Zones	Not sure of the impact on Washington State. Bellingham outlawed coastal V zones and A zones years ago. We don't allow waves on our shores. (Considered a significant change by IRC)	?	?	11/14/2018 TAG Tabled this discussion - David Spencer will look into it.

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	R324	WAC 51-51-03240 Solar energy systems	R324.1 General. (Addressed in 2018) R324.2 Solar thermal systems. (Addressed in 2018) R324.3.1 Equipment listing (Addressed in 2018) R324.4 Rooftop-mounted photovoltaic systems (Retain Amendment) R324.4.1 Roof load. (Addressed in 2018) R324.4.2 Wind resistance (Addressed in 2018) R324.5 Building-integrated photovoltaic systems (Addressed in 2018) R324.5.1 Photovoltaic shingles. (Retain Amendment) R324.6 Ground-mounted photovoltaic systems. (Addressed in 2018) R324.7 Access and Pathways (Retain amendment but renumber to R324.6)	N	Y	11/14/2018 TAG recommends modifying the RCW as noted to the left

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R324.4		Rooftop-Mounted Photovoltaic Systems	Recommend we keep existing state amendments (Considered a significant change by IRC)	N	Y	11/14/2018 TAG recommends keeping WAC language
R324.6		Roof Access for Photovoltaic Solar Energy Systems	(Considered a significant change by IRC)	N	Y	11/14/2018 TAG recommends keeping WAC language.
R324.6.2.2		Solar Panels near Emergency Escape and Rescue Openings	Makes sense not to allow PV panels below an emergency escape opening! ZAP (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	R325	WAC 51-51-0325 Adult family homes	R325.1 General. R325.3 Sleeping room classification. R325.4 Types of locking devices and door activation. R325.5 Smoke and carbon monoxide alarm requirements. R325.6 Escape windows and doors. R325.7 Fire apparatus access roads and water supply for fire protection. R325.8 Grab bar general requirements. R325.8.1 Grab bar cross section. R325.8.2 Grab bar installation. R325.8.3 Grab bars at water closets. R325.8.3.1 Fixed position grab bars. R325.8.3.2 Swing-up grab bars. R325.8.4 Grab bars at bathtubs. R325.8.4.1 Vertical grab bars. R325.8.4.2 Horizontal grab bars. R325.8.5 Grab bars at shower stalls. R325.8.5.1 Vertical grab bars. R325.8.5.2 Horizontal grab bars. R325.9 Ramps. R325.9.1 Handrails for ramps. R325.10 Stair treads and risers.	N	Y	11/14/2018 TAG recommends keeping the RCW but modifying it to match the revised numbering

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
			R325.10.1 Handrails for treads and risers. R325.11 Shower stalls. Recommend retaining state amendment and renumbering to R330			
R325.3		Mezzanine Area Limitation	Follows IBC requirements (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R325.6		Habitable Attics	Clarification (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment.
	R326	WAC 51-50-0326 Family home child care	R326 Family home child care.	N	Y	11/14/2018 TAG recommends keeping the RCW but modifying it to match the revised numbering
	R327	WAC 51-51-0327 Protection against radon	R327.1 Protection Against Radon.	N	N	11/14/2018 TAG recommends keeping the RCW unchanged

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	R328	WAC 51-51-0328 Mezzanines	R328.1 General. R328.2 Mezzanines. R328.3 Area limitation R328.4 Means of egress. R328.5 Openness This changed last code cycle and got missed. Recommend delete amendment. Also note that habitable attics are now included in mezzanine portion of the IRC	N	Y	11/14/2018 TAG recommends eliminating the RCW
	R329	WAC 51-51-0329 Swimming pools, spas, and hot tubs	R329.1 General. Only adopt the barrier portions - Renumber state amendment. Defer to Plumbing TAG	N	Y	11/14/2018 TAG recommends modifying the RCW as noted to the left.
Chapter 4 Foundations (Willie Hill)						
	R408	WAC 51-51-0408 Under-floor space	R408.1 Ventilation R408.2 Openings for under-floor ventilation R408.3 Unvented crawl space.			
Table R403.3(1)		Insulation Requirements for Frost-Protected Footings	(Considered a significant change by IRC)			

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
-------------------	-------------------	------------------	-------------------	-----------------------	--------------------	------------------------------

Table R403.4		Crushed Stone Footings	(Considered a significant change by IRC)			
R408.3		Unvented Crawl Spaces	(Considered a significant change by IRC)			

Chapter 5 Floors (Michelle Yee, Tim Woodard)

	R507	WAC 51-51-0507 Decks				
Table R505.3.2		Cold-Formed Steel Joist Spans	(Considered a significant change by IRC)			
R507		Decks	(Considered a significant change by IRC)			
R507.2		Deck Materials	(Considered a significant change by IRC)			
R507.3		Deck Footings	(Considered a significant change by IRC)			
R507.4		Deck Posts	(Considered a significant change by IRC)			
R507.5		Deck Beams	(Considered a significant change by IRC)			
R507.6		Deck Joists	(Considered a significant change by IRC)			
R507.7		Decking, Vertical and Lateral	(Considered a significant change by IRC)			
R507.8		Support	(Considered a significant change by IRC)			
R507.9		Decking, Vertical and Lateral	(Considered a significant change by IRC)			

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
-------------------	-------------------	------------------	-------------------	-----------------------	--------------------	------------------------------

--	--	--	--	--	--	--

Chapter 6 Wall Construction (Kim Flanary)

	R602	WAC 51-51-0602 Wood wall framing				
	R609	WAC 51-51-0609 Exterior windows and doors				
Table R602.3(6)		Alternate Stud Height	(Considered a significant change by IRC)			
Table R602.7(1)		Girder and Header Spans	(Considered a significant change by IRC)			
Table R602.7(2)		Girder and Header Spans	(Considered a significant change by IRC)			
Table R602.7.5		Lateral Support for Headers	(Considered a significant change by IRC)			
Table R602.10.3(4)		Seismic Adjustment Factors	(Considered a significant change by IRC)			
R602.10.4.1		Mixing Bracing Methods	(Considered a significant change by IRC)			
R602.10.6.4		Method CS-PF— Continuously Sheathed Portal Frame	(Considered a significant change by IRC)			
R602.10.6.5		Method BV-WSP	(Considered a significant change by IRC)			
Table R603.3.1		Cold-Formed Steel Wall Construction	(Considered a significant change by IRC)			

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
Table R603.3.1.1(2)		Cold-Formed Steel Wall Construction	(Considered a significant change by IRC)			
Section R610		Structural Insulated Panels	(Considered a significant change by IRC)			
Chapter 7 Wall Covering (Jim Tinner)						
	R702	WAC 51-51-0702 Interior covering				
	R703	WAC 51-51-0703 Exterior covering				
R703.2		Water-Resistive Barrier	(Considered a significant change by IRC)			
R703.3.1		Soffit Installation	(Considered a significant change by IRC)			
R703.8.4		Veneer Anchorage through Insulation	(Considered a significant change by IRC)			
Table R703.8.4(1)		Airspace Requirements	(Considered a significant change by IRC)			
R703.11.2		Vinyl Siding Installation Over Foam Plastic Sheathing	(Considered a significant change by IRC)			
Chapter 8 Roof-ceiling Construction (Michelle Yee)						

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
R802		Roof Framing	(Considered a significant change by IRC)			
R802.1.5.4		Labeling	Labeling exists for PT. This clarifies and provides consistency that manufacturers label FRTW for grade of wood and treatment. Acceptable change (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
R806.2		Minimum Vent Area	(Considered a significant change by IRC)			
R806.5		Unvented Attics	Removes excessive wording Acceptable Change (Considered a significant change by IRC)	N	N	11/14/2018 TAG recommends no amendment
Chapter 9 Roof Assemblies (Tim Woodard)						
	R903	WAC 51-51-0903 Weather protection				
Table R905.1.1(1)		Underlayment Requirements for Photovoltaic Shingles	(Considered a significant change by IRC)			
Table R905.1.1(2)		Underlayment Requirements for Photovoltaic Shingles	(Considered a significant change by IRC)			
R905.17		Building Integrated Photovoltaic Panels	(Considered a significant change by IRC)			

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
-------------------	-------------------	------------------	-------------------	-----------------------	--------------------	------------------------------

Chapter 10 Chimneys and Fireplaces (SBCC Staff)						
	R1001	WAC 51-51-1001 Masonry fireplaces	Amendment was not addressed by the 2018 IRC.	N	N	11/14/2018 TAG recommends keeping WAC unchanged
	R1002	WAC 51-51-1002 Masonry heaters	Amendment adds the work “or” between 1 and 2 in R1002.2. R1002.2.1 was not addressed by the 2018 IRC. Because the word “or” causes no harm, I recommend no changes to the amendment.	N	N	11/14/2018 TAG recommends keeping WAC unchanged
	R1004	WAC 51-51-1004 Factory-built fireplaces	Amendment was not addressed by the 2018 IRC.	N	N	11/14/2018 TAG recommends keeping WAC unchanged
R1005.8		Chimney Insulation Shield	Factory-built chimneys, which have been required to maintain a minimum clearance to insulation, are now required to have an insulation shield to provide the clearance. (Considered a significant change by IRC)	Y	N	11/14/2018 TAG recommends no amendment.

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
-------------------	-------------------	------------------	-------------------	-----------------------	--------------------	------------------------------

	R1006	WAC 51-51-1006 Exterior air supply	Amendment was not addressed by the 2018 IRC. Recommend addressing numbering conflict by renumbering amendment R1006.2 to R1006 .6	N	Y	11/14/2018 TAG recommends keeping WAC but revising numbering

Chapter 29 Water Supply and Distribution (Not adopted per WAC 51-51-003) (Todd Short)

P2902.5.4		Backflow Protection for Fire Sprinkler Systems	(Considered a significant change by IRC)			
P2904.1		Backflow Protection for Fire Sprinkler Systems	(Considered a significant change by IRC)			
P2903.5		Water Hammer Arrestors	(Considered a significant change by IRC)			
P2906.6.1		Saddle Tap Fittings on Water Distribution Piping	(Considered a significant change by IRC)			
P2906.18.2		Joints between PVC and CPVC Piping	(Considered a significant change by IRC)			

Chapter 44 Referenced Standards (SBCC Staff)

--	--	--	--	--	--	--

Appendix F Radon Gas Methods (Adopted per WAC 51-51-003) (Willie Hill)

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	Appendix F	WAC 51-51-60101 Radon control methods				
	AF103	WAC 51-51-60103 Requirements				
Appendix Q (2015 IRC) Dwelling unit fire sprinkler systems (Adopted per WAC 51-51-003)						
	Appendix Q	WAC 51-51-60105 Dwelling unit fire sprinkler systems				
Appendix T Solar-ready Provisions—Detached One- and Two-family Dwellings and Townhouses (SBCC Staff)						
Appendix T	Appendix U	WAC 51-51-60106 Solar-ready provisions- detached one- and two-family dwellings, multiple single-family dwellings (townhouses)	Some but not all of the amendment have been addressed by the 2018 IRC. An amendment is recommended.	N	Y	11/14/2018 TAG recommend an amendment which includes local adoption without SBCC approval or notification
Appendix T		Solar-Ready Zone	The significant 2018 IRC changes were already addressed with statewide amendments. (Considered a significant change by IRC)	---	---	---

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
-------------------------	-------------------------	------------------	-------------------	-----------------------------	--------------------------	---------------------------------

--	--	--	--	--	--	--

Appendix V (2015 IRC) Fire Sprinklers (Todd Short)						
---	--	--	--	--	--	--

	Appendix V	WAC 51-51-60107 Fire sprinklers				
--	---------------	--	--	--	--	--

--	--	--	--	--	--	--