

**IRC TAG Existing Amendment Report**

Summary: Last Updated 01/25/2022		Delete existing state amendment	Keep existing amendment as modified	Keep existing amendment May include renumbering			
WAC	Title or Subject	2018 IRC Number	2021 IRC Number	TAG Member Comments	TAG Recommendation	Staff Recommendation	TAG Group Notes and Decision
<b>00 General</b>							
TAG Member: Ray Shipman (Staff)							
<a href="#">51-51-001</a>	Authority	NA	NA			Keep amendment	
<a href="#">51-51-002</a>	Purpose	NA	NA			Keep amendment	
<a href="#">51-51-003</a>	International Residential Code	NA	NA	Change 2018 edition to 2021. Are the appendix still Accurate?		Modify amendment	
<a href="#">51-51-007</a>	Exceptions	NA	NA			Keep amendment	
<a href="#">51-51-008</a>	Implementation	NA	NA	Implementation date needs changed to July 1, 2023		Modify amendment	
<b>01 Scope and Administration</b>							
TAG Member: Jennifer Eliuk							
<a href="#">WAC 51-51-01010</a>	Scope	101.1					
<a href="#">51-51-0102</a>	Applicability	102					
	Appendices	102.5		Needs modification to correct an error - calls Appendix Q dwelling unit sprinkler systems but Appendix Q is Tiny Houses, and Tiny Houses are not otherwise listed as an adopted appendix. Appendix U is for sprinklers			
	Additions, alterations or repairs	102.7.1		Base language has changed from "...become unsafe..." to "...less compliant..." will need modification.			
	Moved buildings	102.7.2		No modifications necessary, this whole section is an addition and does not exist in the base code.			
<a href="#">51-51-0106</a>	Construction Documents	106					
	Submittal documents	106.1		Can be eliminated, base code was revised to match our language.			
<b>02 Definitions</b>							
TAG Member: Jennifer Eliuk							
<a href="#">51-51-0202</a>	Definitions	202	202				See notes on side

03 Building Planning							
TAG Member: Jennifer Eliuk / Quyen Thai							
<a href="#">51-51-0301</a>	Design Criteria	301					
	Climatic and geographic design criteria	301.2		Keep but modify, as table number has changed to R301.2.			
	Live load	301.5					
<a href="#">51-51-0302</a>	Fire-Resistant Construction	302		Keep but modify to update IBC section reference to 703.2.2.			
	Double walls	302.2.1					
	Common walls	302.2.2.2					
	Continuity	302.2.3					
<a href="#">51-51-0303</a>	Light, ventilation, and heating	303.0		Not sure, some new exceptions have been added. Not sure what the overall intent of the state amendment is to be able to determine.			
	Natural light	303.1					
	Adjoining rooms	303.2					
	Bathrooms	303.3					
	Minimum ventilation performance	303.4					
	Opening location	303.5					
	Intake openings	303.5.1					
	Exhaust openings	303.5.2					
	Exhaust ducts	303.5.2.1					
	Interior stairway illumination	303.7					
	Exterior stairway illumination	303.8					
	Required glazed openings	303.9					
	Required heating	303.10.					
	Definitions	303.10.1					
	Primary heating source	303.10.2					
	Solid fuel burning devices	303.10.3					
<a href="#">51-51-0307</a>	Toilet, bath, and shower spaces						
	Space required	307.1		Keep but double-check the code section reference to the state plumbing code once the 2021 draft is available			
<a href="#">51-51-0308</a>	Reserved			Do we need these "Reserved" random code sections called out in the amendments? Not sure what their purpose might be. Suggest we just strike them unless they provide some value.	Keep amendment	We need to keep all reserved amendment. Once we delete a WAC# we can never use that number again.	
<a href="#">51-51-03100</a>	Emergency Escape and rescue openings					See notes on side	

	Emergency escape and rescue opening required	310.1					
	Operational constraints and opening control devices	310.1.1					
	Emergency escape and rescue openings under decks and porches	310.2.4					
<a href="#">51-51-0311</a>	Means of egress	311					
	Vertical egress	311.4					
	Vertical rise	311.7.3			R311.7.3 Vertical rise can be removed because they have modified the base code to match ours (12 ft 7 in instead of less helpful 151 in)		
<a href="#">51-51-0313</a>	Automatic fire sprinkler systems	313			Keep, no changes		
	Townhouse automatic fire sprinkler systems	313.1					
	Design and installation	313.1.1					
	One- and two-family dwellings automatic fire sprinkler system	313.2					
<a href="#">51-51-0314</a>	Smoke alarms and heat detection	314					
	General	314.1			Suggest matching base code at the end of first section. We say "and this section" which could be interpreted to mean R314.1 only, however the base code says "and Section R314." which is the real intent. So a suggested fix not based on a change.		
	Listings.	314.1.1					
	Where required	314.2					
	New construction	314.2.1					
	Alterations, repairs and additions	314.2.2					
	New attached garages	314.2.3					
	Location	314.3			They've added a new exception #5 we need to consider to add/modify/exclude.		
	Interconnection	314.4					
	Heat detection interconnection	314.4.1					
	Power source	314.6					
<a href="#">51-51-0315</a>	Carbon monoxide alarms						
	Where required	315.2			We can strike this, it matches base code exactly, and did in 2018 as well.		
	New construction	315.2.1					
	Alterations, repairs, and additions	315.2.2			They've added a new exception we need to consider.		
	Location	315.3					

<a href="#">51-51-0317</a>	Reserved					
<a href="#">51-51-0322</a>	Reserved					
<a href="#">51-51-03240</a>	Solar energy systems			Base code has addeed a requirement for the electrical portion of systems, so we will need to modify our amendment, likely adding same language.		
	Photovoltaic systems	324.3				
	Rooftop-mounted photovoltaic systems	324.4				
		324.7.1		Not adopted		Keep amendment
<a href="#">51-51-0325</a>	Mezzanines			Keep, no changes		
	General	325.1				
<a href="#">51-51-0326</a>	Habitable attic			This whole section has changed, will need attention. There is an error in the base code, it says habitable attics shall comply through 326.3 however there is an additional section 326.4.		
	General	326.1				
	Minimum dimension	326.2				
	Story above grade plane	326.3				
	Means of egress	326.4				
<a href="#">51-51-0327</a>	Sleeping lofts	327		Keep, no changes		
	General	327.1				
	Sleeping area loft and dimensions	327.2				
	Area	327.2.1				
	Minimum horizontal dimensions	327.2.2				
	Height effect on sleeping loft	327.2.3				
	Sleeping loft access and egress	327.3				
	Sairways	327.3.1				
	Headroom	327.3.1.1				
	Width	327.3.1.2				
	Treads and Risers	327.3.1.3				
	Landings	327.3.1.4				
	Landing platform	327.3.1.5				
	Handrails	327.3.1.6				
	Stairway guards	327.3.1.7				
	Ladders	327.3.2				
	Size and capacity	327.3.2.1				
	Incline	327.3.2.2				
	Alternating tread devices	327.3.3				
	Ships ladders	327.3.4				
	Emergency escape and rescue openings	327.5				
<a href="#">51-51-0328</a>	Swimming pools, spas, and hot tubs	328		Keep, no changes		
	General	328.1				

<a href="#">51-51-0329</a>	Energy storage systems	329		This section has been heavily modified in the base code, will need review and changes to our amendments. They have also added two new sections for Stationary Engine Generators and Stationary Fuel Cell Power Systems. These new sections will push subsequent section numbers.			
	General	329.1					
	Equipment Listing	329.2					
	Installation	329.3					
	Electrical installation	329.4					
	Ventilation	329.5					
	Commissioning	329.6					
	Installation prior to closing	329.6.1					
	Protection from impact	329.7					
<a href="#">51-51-0330</a>	Adult family homes	330		Revise section number to 332			
	General	33.1					
	Reserved	330.2					
	Sleeping room classification	330.3					
	Types of locking devices and door activation	330.4					
	Smoke and carbon monoxide alarm requirements	330.5					
	Escape windows and doors	330.6					
	Fire apparatus access roads and water supply for fire protection	330.7					
	Grab bar general requirements	330.8					
	Grab bar cross section	330.8.1					
	Grab bar installation	330.8.2					
	Grab bars at water closets	330.8.3					
	Fixed position grab bars	330.8.3.1					
	Swing-up grab bars	330.8.3.2					
	Grab bars at bathtubs	330.8.4					
	Vertical grab bars	330.8.4.1					
	Horizontal grab bars	330.8.4.2					
	Grab bars at shower stalls	330.8.5					
	Vertical grab bars	330.8.5.1					
	Horizontal grab bars	330.8.5.2					
	Ramps	330.9					
	Handrails for ramps	330.9.1					
	Stair treads and risers	330.1					
	Handrails for treads and risers	330.10.1					
	Shower stalls	330.11					
<a href="#">51-51-0331</a>	Family home child care	331.0		Revise section number to 333			

<a href="#">51-51-0332</a>	Protection against radon	332		Revise section number to 334			
	Protection against radon	332.1					

#### 04 Foundations

TAG Member: Annie O'Rourke

<a href="#">51-51-0403</a>	Footings	403	403				
	Minimum size	403.1.1	403.1.1	No change in model code - up for discussion		Delete amendment	
	Foundation anchorage	403.1.6	403.1.6	Covered in model code		Delete amendment	
	Form materials and form ties	404.1.3.3.6	404.1.3.3.6			Needs to be removed from section 403	
<a href="#">51-51-0404</a>	Foundation and retaining walls	404	404				
	Form materials and form ties	404.1.3.3.6	404.1.3.3.6	Covered in model code		Delete amendment	
<a href="#">51-51-0408</a>	Under-floor space	408	408				
	Ventilation	408.1	408.1	rewrite amendment for intent		Modify amendment	
	Openings for under-floor ventilation	408.2	408.2	rewrite amendment for intent		Modify amendment	
	Unvented crawl space	408.3	408.3	2018 section R408.3 entirely not just state amended portion.		Keep amendment	

#### 05 Floors

TAG Member: Annie O'Rourke

<a href="#">51-51-0501</a>	Reserved	501				Keep amendment	
<a href="#">51-51-0502</a>	Reserved	502				Keep amendment	
<a href="#">51-51-0507</a>	Decks	507					
	Decks	507.1	507.1	Covered in model code		Delete amendment	
	Minimum footing size for decks	507.3.1 Table	507.3.1	Now in model code with added conditions and fixed footnote b		Delete amendment	
	Deck post	507.4	507.4	Now in model code with added conditions		Delete amendment	
	Deck beams	507.5	507.5	too many other wood species - adds 4 new tables		Keep amendment	
	Deck joist	507.6		Covered in model code		Delete amendment	
	Band joist details	507.9.1.2	507.9	Covered in model code		Delete amendment	
	Deck lateral load connections	507.9.2		Model code did not pick up unique change		Keep amendment	
	Placement of lag screws	Table 507.9.1.	Table 507.9.1.3(2)	Model code did not pick up unique change NOTE: Table number needs correction		Keep amendment	
	Deck ledger connection	Table 507.9.3(1)	Table 507.9.3(1)	Covered in model code		Delete amendment	

#### 06 Wall Construction

TAG Member: Michelle Yee / Micah Chappell

<a href="#">51-51-0602</a>	Wood wall framing	602					
	Used sawn lumber	602.1.1.1					
	Cripple walls	602.9					
	Cripple wall bracing	602.10.10					

<a href="#">51-51-0608</a>	Exterior concrete wall construction	608					
	General	608.1					
	Concrete and materials for concrete	608.5.1					
<a href="#">51-51-0609</a>	Exterior windows and doors	609					
	Testing and labeling	609.3					
<a href="#">51-51-0612</a>	Reserved	612				Keep amendment	
<b>07 Wall Covering</b>							
<b>TAG Member: Michelle Yee / Micah Chappell</b>							
<a href="#">51-51-0702</a>	Interior Covering	702					
	Other finishes	702.5					
<a href="#">51-51-0703</a>	Exterior Covering	703					
	Water resistance	703.1.1					
	Water-resistive barrier	703.2					
	Flashing	703.4					
	Lap Siding	703.10.2					
<b>08 Roof-Ceiling Construction</b>							
<b>TAG Member: Quyen Thai</b>							
<a href="#">51-51-0806</a>	Reserved					Keep amendment	
<b>09 Roof Assemblies</b>							
<b>TAG Member: Quyen Thai</b>							
<a href="#">51-51-0903</a>	Weather protection	903					
	Secondary (emergency overflow) drains or scuppers	903.4.1		No notes?		Keep amendment	
<b>10 Chimneys and Fireplaces</b>							
<b>TAG Member: Quyen Thai</b>							
<a href="#">51-51-1001</a>	Masonry fireplaces	1001					
	Damper	1001.7.1	1001.7.1	Notes?		Keep amendment	
<a href="#">51-51-1002</a>	Masonry heaters	1002					
	Insallation	1002.2					
	Combustion air and doors	1002.2.1					
<a href="#">51-51-1004</a>	Factory-built fireplaces	1004					
	Emission standards for factory-built fireplaces	1004.1.1					
	Emission standards for certified masonry and concrete fireplaces	1004.1.2	1004.1.2	Emission standards for factory-built fireplaces   Emission standards for certified masonry and concrete fireplaces		Keep amendment	
<a href="#">51-51-1006</a>	Exterior air supply	1006					
	Passageway	1006.4		Passage Way (Not Adopted) Solid fuel-burning appliances and fireplaces		Keep amendment	
	Solid fuel burning appliances and fireplaces	1006.6		Passage Way (Not Adopted) Solid fuel-burning appliances and fireplaces		Keep amendment	
<b>12 Mechanical Administration</b>							

TAG Member: TBD

<a href="#">51-51-1201</a>	General	1201					
	Scope	1201.1					
	Construction Document	1201.3					
	Testing	1201.4					

**13 General Mechanical System Requirements**

TAG Member: TBD

<a href="#">51-51-1301</a>	General	1301					
	Identification	1301.2					
<a href="#">51-51-1302</a>	Reserved	1302				Keep amendment	
<a href="#">51-51-1307</a>	Appliance installation	1307					
	Anchorage of appliances	1307.2					

**14 Heating and Cooling Equipment and Appliances**

TAG Member: TBD

<a href="#">51-51-1413</a>	Evaporative cooling equipment	1413					
	General	1413.1					
<a href="#">51-51-1415</a>	Reserved	1415				Keep amendment	

**15 Exhaust Systems**

TAG Member: TBD

<a href="#">51-51-1501</a>	Reserved					Keep amendment	
<a href="#">51-51-1503</a>	Domestic cooking exhaust equipment	1503					
		1503.2.1					
<a href="#">51-51-1504</a>	Exhaust ducts and exhaust openings	1504					
	Exhaust openings	1504.3					
<a href="#">51-51-1505</a>	Mechanical ventilation	1505					
	Whole-house mechanical ventilation system	1505.4					
	System design	1505.4.1					
	Whole house system component requirements	1505.4.1.1					
	Exhaust fans	1505.4.1.2					
	Supply fans	1505.4.1.3					
	Balanced whole house ventilation system	1505.4.1.4					
	Furnace integrated supply	1505.4.1.5					
	Testing	1505.4.1.6					
	Certificate	1505.4.1.7					
	System controls	1505.4.2					
	Mechanical ventilation rate	1505.4.3					
	Ventilation quality adjustment	1505.4.3.1					
	Intermittent off operation	1505.4.3.2					
	Local exhaust rates	1505.4.4					
	Local exhaust	1505.4.4.1					
	Local exhaust fans	1505.4.4.2					
	Prescriptive Exhaust Duct Sizing Table	1505.4.4(2)					
<a href="#">51-51-1507</a>	Reserved	1507				Keep amendment	
<a href="#">51-51-1508</a>	Reserved	1508				Keep amendment	

**16 Duct Systems**



<b>TAG Member: TBD</b>							
<a href="#">51-51-1600</a>	Duct systems	1600					
	Above-ground duct systems	1601.1.1					
<b>17 Combustion Air</b>							
<b>TAG Member: TBD</b>							
<a href="#">51-51-1700</a>	Combustion air	1700					
	Scope	1701.1					
<b>20 Boilers and Water Heaters</b>							
<b>TAG Member: TBD</b>							
<a href="#">51-51-2000</a>	Boiler and water heaters	2000					
	General	2005.1					
<b>21 Hydronic Piping</b>							
<b>TAG Member: UPC TAG</b>							
<a href="#">51-51-2101</a>	Hydronic piping systems installation	2101				UPC will do	
	Protection of potable water	2101.3				UPC will do	
	Prohibited tee applications	2101.7				UPC will do	
<a href="#">51-51-2103</a>	Floor heating systems	2103				UPC will do	
	Piping joints	2103.3				UPC will do	
<a href="#">51-51-2105</a>	Ground source heat-pump system loop piping	2105				UPC will do	
	CPVC plastic pipe	2105.9				UPC will do	
	PVC plastic pipe	2105.14				UPC will do	
	Protection of potable water	2105.18				UPC will do	
	Pipe penetrations	2105.19				UPC will do	
<b>23 Solar Thermal Energy Systems</b>							
<b>TAG Member: TBD</b>							
<a href="#">51-51-2300</a>	Solar thermal energy systems	2301					
	Pressure and temperature relief valves and system components	2301.2.3					
	Piping insulation	2301.2.5					
	Heat transfer gasses or liquids and heat exchangers	2301.4					
	Solar thermal systems for heating potable water	2301.7					
	Indirect systems	2301.7.1					
	Direct systems	2301.7.2					
<b>24 Fuel Gas</b>							
<b>TAG Member: TBD</b>							
<a href="#">51-51-2439</a>	Reserved	2439				Keep amendment	
<b>29 Water Supply and Distribution</b>							
<b>TAG Member: TBD</b>							
<a href="#">51-51-2904</a>	Dwelling unit fire-sprinkler systems						
	Required sprinkler locations.	2904.1.1					
<b>44 Referenced Standards</b>							
<b>TAG Member:</b>							
<a href="#">51-51-4400</a>	Referenced standards						
<b>Appendix AF Radon Control Methods</b>							
<b>TAG Member: Darrin Graham</b>							

<a href="#">51-51-60101</a>	Appendix F radon control methods	60101					
	General	101.1					
	High Radon potential zone counties	101 (1)					
<a href="#">51-51-60103</a>	Requirements	60103					
	General	103					
<b>Appendix Q</b>							
<b>TAG Member: Micah Chappell</b>							
<a href="#">51-51-60104</a>	Tiny houses						
	Definitions	102					
	Minimum ceiling height	103.1					
	Energy conservation	104					
	Air leakage testing	104.1					
	Whole house mechanical ventilation	104.1.1					
	Emergency escape and rescue openings	105					
<b>Appendix U</b>							
<a href="#">51-51-60105</a>	Dwelling unit fire sprinkler systems						
	Required sprinkler locations	2904.1.1					
<b>Appendix T</b>							
<a href="#">51-51-60106</a>	Solar-ready provisions-detached one- and two-family dwellings, multiple single-family dwellings (townhouses)						
	Scope	101					
	General	101.1					
	General definitions	102					
	Solar ready zone	103					
	General	103.1					
	Construction document requirements for solar ready zone	103.2					
	Solar-ready zone area	103.3					
	Obstructions	103.4					
	Shading	103.5					
	Capped roof penetration sleeve	103.6					
	Roof load documentation	103.7					
	Interconnection pathway	103.8					
	Electrical service reserved space	103.9					
	Construction documentation certificate	103.1					
<b>Appendix V</b>							
<a href="#">51-51-60107</a>	Fire sprinklers						
	Fire sprinklers	107.1					