IRC TAG Existing Amendment Review

			IRC Evi	isting Amendment Review						
Repeal Existing Amendment Modify Existing Amendment: Keep existing amendment (May include renumbering):										
Red text = State Blue text = 2024	e amended language 4 Model code change language	2	Last Updated: February 27, 2025							
WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
				PREFACE						
<u>51-51-001</u>	Authority.	NA	NA	NA	Keep existing amendment					
	These rules are adopted und	der the authority of	chapter <u>19.27</u> RCW.		Keen evicting					
	Purpose	NA	NA	NA	amendment					
<u>51-51-002</u>	The purpose of these rules i which is consistent with the and other pertinent informa	s to implement the purpose as set for tion, and shall ame	provisions of chapter <u>1</u> th in RCW <u>19.27.020</u> . In and the codes as deeme	9.27 RCW, which provides that the state maintaining the codes, the council shall appropriate by the council.	building code council shall regularly review updated v	maintain the State Buildi ersions of the codes ador	ng Code in a status oted under the act,			
<u>51-51-003</u>	International Residential Code	NA	NA	NA	Modify Existing Amendment		Editorial, Modification needed is editorial. Update code year and adjust appendices as necessary.			
	The 2021 edition of the International Residential Code as published by the International Code Council is hereby adopted by reference with the following additions, deletions, and exceptions: Provided that chapters 11 and 25 through 43 of this code are not adopted. Energy Code is regulated by chapter 51-11R WAC; Plumbing Code is regulated by chapter 51- 56 WAC; Electrical Code is regulated by chapter 296-46B WAC or Electrical Code as adopted by the local jurisdiction. Appendix AF, Radon Control Methods, Appendix AQ, Tiny Homes, and Appendix AWU, Dwelling Unit Fire Sprinkler Systems, are included in adoption of the International Residential Code.									
	Exceptions	NA	NA	NA	Modify Existing Amendment		Editorial, Modification needed is editorial. Pronouns to change to Their			
<u>51-51-007</u>	The exceptions and amendr these rules. The provisions of this code of vegetables, and fruits. "Tem used to provide plants with The provisions of this code of chapter 37, Laws of 1998 (S employees or by another pe includes "labor camps" und the authority having jurisdic The standards for liquefied p regulated by the Internation	nents to the Internation of apply to tem porary growing stru- either frost protect do not apply to the B 6168). "Tempora rson, including a te er RCW 70.54.110 tion. petroleum gas insta al Mechanical Cod	ational Residential Cod porary growing structur icture" means a structur ion or increased heat re construction, alteratior y worker housing" mea emporary worker housin Codes referenced whice allations shall be NFPA e and International Fue	e contained in the provisions of chapter <u>1</u> res used solely for the commercial produc ire that has the sides and roof covered wir itention. A temporary growing structure is n, or repair of temporary worker housing e ns a place, area, or piece of land where s ng operator, who is providing such accom ch are not adopted through RCW <u>19.27.0</u> 58 (Liquefied Petroleum Gas Code) and N I Gas Code.	19.27 RCW shall apply in ca ction of horticultural plants th polyethylene, polyvinyl, o not considered a building f except as provided by rule ac leeping places or housing s modations for employees, f 31 or chapter 19.27A RCW s	se of conflict with any of including ornamental pla or similar flexible syntheti or purposes of this code. dopted under chapter 70. ites are provided by an er or temporary, seasonal o shall not apply unless spe Code). All other fuel gas i	the provisions of ants, flowers, c material and is 114A RCW or nployer for <mark>his or her</mark> ccupancy, and ecifically adopted by nstallations shall be			



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
<u>51-51-008</u>	Implementation	NA	NA	NA	Modify Existing Amendment		Editorial, Modification needed is editorial.			
	The International Residentia	al Code adopted by c	chapter <u>51-51</u> WAC sh	all become effective in all counties and ci	ties of this state on <mark>March</mark>	15, 2024.				
	CHAPTER 1 SCOPE AND ADMINISTRATION (Part I Administrative)									
	Scope and General Requirements	R101.2	R101.2	Original amendment created to bring a sprinkler exception for lodging houses. (<u>WSR 15-16-086</u>) Next Modification to amendment in 2018 cycle addressed appendix renumbering. (<u>WSR 19-16-156</u>) Last revision to amendment language occurred in the 2021 Cycle and brought modifications necessary to align with model code language. (<u>WSR 22-17-148</u>) Editorial Amendment revises appendix U to WU to avoid confusion (<u>WSR 23-15-030</u>)	Modify Existing Amendment		Proposal Needed. This section has had an opinion written for it see <u>Opinion 24-27</u> . This Section Needs Work to increase clarity.			
51-51-01010	R101.2 Scope. The provisio replacement, <i>repair</i> , <i>equipr</i> , three stories above grade pl EXCEPTIONS: 1. Live/work units located in <i>townho</i> <i>Two-Family Dwellings</i> . An automatic Appendix AWU. 2. Owner-occupied lodging houses 3. Owner-occupied lodging homes sprinkler system in accordance with 4. A care facility with five or fewer p with an automatic fire sprinkler sys 5. A day care facility with five or fewer p equipped with an automatic fire sp 6. A care facility with five or fewer p equipped with an automatic fire sp	ns of the <i>Internation</i> <i>nent</i> , use and occup <i>ane</i> in height with a <i>buses</i> and complying with sprinkler system required with one or two guestroo in Appendix AWU. bersons receiving custodia tem in accordance with A ver persons of any age req rinkler system in accordance bersons receiving care tha rinkler system in accordance with a	al Residential Code for vancy, location, remove separate means of ego the requirements of Section by Section 508.5.7 of the <i>l</i> ms shall be permitted to be oms shall be permitted to be oms shall be permitted to be one s	or One- and Two-Family Dwellings shall ap ral and demolition of detached one- and tw ress and their accessory structures not mo n 508.5 of the International Building Code shall be per international Building Code where constructed under the constructed in accordance with the International Res e constructed in accordance with the International Res t shall be permitted to be constructed in accordance of a dwelling unit shall be permitted to be constructed in accordance with the International Res dwelling shall be permitted to be constructed in accordance of the constructed in accordance with the International Res t shall be permitted to be constructed in accordance of a dwelling shall be permitted to be constructed in accordance of the constructed in accordance with the International Res to be constructed in accordance with the International Res t shall be permitted to be constructed in accordance of the constructed in accordance with the International Res to be constructed in accordance with the International Res t shall be permitted to be constructed in accordance of the constructed in accordance with the International Res t shall be permitted to be constructed in accordance of the constructed in accord	aply to the construction, alt wo-family dwellings, adult f ore than three stories abov mitted to be constructed in accord he International Residential Code for idential Code for One- and Two-Fam isidential Code for One- and Two-Fam with the International Residential C n accordance with the International rdance with the International Residential rdance with the International Residential	eration, movement, enlar amily homes, and townho e grade plane in height. Jance with the International Resid r One- and Two-Family Dwellings mily Dwellings. mily Dwellings where equipped v ode for One- and Two-Family Dwe al Residential Code for One- and Two-Far Jential Code for One- and Two-Far	gement, Duses not more than lential Code for One- and shall conform to vith an automatic fire llings where equipped wo-Family Dwellings where nily Dwellings where			

Commented [DC1]: The word "unit" is part of the existing amendment but is now a part of model code language for 2024.

WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
<u>51-51-0102</u>	Applicability	R102.5	R101.2.1	As part of the 2006 cycle amendment created to clarify appendices not applicable unless adopted locally and approved by the SBCC (<u>WSR 06-16-112</u>) 2009 cycle, adds preapproved sprinkler appendix S for adoption upon notification of the SBCC. Also adopts appendices G for pools and R for Dwelling Sprinkler systems. (<u>WSR 09-01-140</u>) 2015 cycle adds appendices R, S, U, and V preapproved for local adoption. (<u>WSR 15- 16-086</u>) 2021 cycle changes WA Appendix U to WU for clarity, and adds Appendices T, Y, and Z to preapproved adoption list. (<u>WSR 23-15-030</u>)	Modify Existing Amendment		Editorial, Incorporate New Model Code Language, Renumber, and Verify Appendix numbering.
	R102.5 Appendices. Provis	ions in the appendic	es shall not apply unl	ess specifically <mark>adopted referenced in the</mark>	adopting ordinance. An ap	pendix adopted by a loca	l jurisdiction shall
	not be effective unless app	roved by the state bu	ilding code council pu	ursuant to RCW <u>19.27.060</u> (1)(a).			
	EXCEPTIONS: 1. The state building code council h demolition material management of 2. Appendix AF, Radon Control Met	nas determined that a loca or building deconstruction thods, Appendix <mark>AQ</mark> , Tiny F	l ordinance providing speci in accordance with Append lomes, and Appendix <mark>AWU</mark>	fications for light straw-clay or strawbale construction dix <mark>AR, AS, AT, AWV, AWY, or AWZ</mark> of this code may be Dwelling Unit Fire Sprinkler Systems, are included in	n, requiring a solar-ready zone, re a adopted by any local governmen a adoption of the International Res	quiring fire sprinklers, or addres t upon notification of the counc idential Code.	sing construction and I.
<u>51-51-0102</u>	Applicability	R102.7.1	R102.6.1	2009 cycle added an exception for ventilation and radon protection. (<u>WSR</u> <u>09-17-140</u>) 2021 cycle incorporates model code language. (<u>WSR 22-17-148</u>)	Keep existing amendment		Editorial, Renumber to R102.6.1
	provisions of Chapter 45 or stated. Additions, alteration structure was prior to the ad means of egress outside the EXCEPTIONS: 1. The state building code council h demolition material management of 2. Appendix AF, Radon Control Met	shall conform to the os, repairs, and reloca ddition, alteration, re e scope of this code, has determined that a loca or building deconstruction thods, Appendix AQ, Tiny H	requirements for new ations shall not cause pair, or relocation. Wi the building shall con I ordinance providing speci in accordance with Appendi tomes, and Appendix AWU	v structure without requiring the existing st e an existing structure to become less com here additions, alterations, or changes of u nply with the International Existing Building fications for light straw-clay or strawbale construction dix AR, AS, AT, AWV, AWY, or AWZ of this code may be , Dwelling Unit Fire Sprinkler Systems, are included in	ructure to comply with the opliant with the provisions of use to an existing structure g Code. n, requiring a solar-ready zone, re a adopted by any local governmen a adoption of the International Res	requirements of this cod of this code than the exist result in a use or occupa quiring fire sprinklers, or addres t upon notification of the counc sidential Code.	e, unless otherwise ing building or ncy, height, or sing construction and
	Applicability	102.7.2	NA	Existing prior to adoption of 2003 Codes (WSR 03-18-077)	Keep existing amendment		Editorial, Renumber to 102.6.2
	R102.7.2 Moved buildings. 50 WAC), the International I and the Washington State E EXCEPTION: Group R-3 buildings of 1. The original occupancy classifica 2. The original building is not subst building exclusive of the costs relat	Buildings or structur Mechanical Code (ch inergy Code (chapter r structures are not requir tion is not changed; and tantially remodeled or reha- ting to preparation, constr	res moved into or with lapter <u>51-52</u> WAC), th <u>51-11R</u> WAC) for new ed to comply if: abilitated. For the purposes uction, demolition or renov	nin a jurisdiction shall comply with the pro- e International Fire Code (chapter <u>51-54A</u> / buildings or structures. s of this section a building shall be considered to be s ration of foundations.	visions of this code, the <i>Int</i> WAC), the Uniform Plumbi ubstantially remodeled when the	ernational Building Code ng Code and Standards (r costs of remodeling exceed 60 p	(chapter <u>51-</u> chapter <u>51-56</u> WAC), percent of the value of the



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	·		CHAPTE	R 2 DEFINITIONS (Part II Definitions)								
	Definition	202	202	Existing prior to adoption of 2003 Codes (<u>WSR 03-18-077</u>) Modified in 2018 codes off-cycle to address increasing the number of bedsfrom 6 to 8. (<u>WSR 21-03- 080</u>)	Keep existing amendment							
	ADULT FAMILY HOME. A dwelling, licensed by the state of Washington department of social and health services, in which a person or persons provide personal care, special care,											
	room and board to more than one but not more than six adults who are not related by blood or marriage to the person or persons providing the services. An existing adult family home may provide services to up to eight adults upon approval from the department of social and health services in accordance with RCW 70.128.066.											
	Definition	202	202	Added in 2018 cycle no rationale in CR document (<u>WSR 19-16-156</u>)	Keep existing amendment		Chapter 11 not adopted per <u>51-51-</u> <u>003</u>					
	BUILDING. Any one- or two-	family dwelling or to	wnhouse, or portion t	hereof used or intended to be used for hu	man habitation, for living, s	leeping, cooking or eating	g purposes, or any					
	combination thereof or any		For the definition an	nlicable in Chanter 11, see Section N1101								
	Definition	202	202	Added in 2018 cycle no rationale in CR document (<u>WSR 19-16-156</u>)	Keep existing amendment		Editorial, Align with Model Code. Definition is for "EXISTING BUII DING"					
	BUILDING, EXISTING. Exist final inspection.	3UILDING BUILDING										
	Definition	202	202	Existing prior to adoption of 2003 Codes (WSR 03-18-077) 2012 cycle modified the definition (WSR 12-16-091) 2021 code off-cycle change to increase from 12 to 16 children (WSR 23-23-038)	Keep existing amendment							
51-51-0202	CHILD CARE FAMILY HOM	F A child care facilit	v licensed by Washin	gton state located in the dwelling of the n	erson or persons under wh	ose direct care and supe	rvision the child is					
01-01-0202	pleased for the same of 10 or	placed, for the care of 16 or fewer children, including children who reside at the home.										
	placed, for the care of 16 or	tewer children, inclu	iaing children who res	ade at the nome.								
	Definition	202	202	Existing prior to adoption of 2003 Codes (WSR 03-18-077)	Keep existing amendment							
	CHILD DAY CARE, shall, for the purposes of these regulations, mean the care of children during any period of a 24-hour day.											
	Definition	202	202	Added in 2015 cycle, no rationale in CR document. (<u>WSR 15-16-086</u>)	Keep existing amendment		Chapter 11 not adopted per <u>51-51-</u> 003					
	CONDITIONED SPACE. For	the definition applic	able in Chapter 11, se	e Section N1101.6 An area, room or spac	e that is enclosed within th	e building thermal envelo	ppe and that is					
	directly or indirectly heated	or cooled. Spaces a	re indirectly heated or	cooled where they communicate through	openings with conditioned	d spaces, where they are	separated from					
	conditioned spaces by unin	sulated walls floors	or ceilings or where t	bey contain uninsulated ducts nining or c	other sources of heating or	cooling						
	Definition	202	202	Added in 2018 cycle no rationale in CR document (WSR 19-16-156)	Keep existing amendment							
	DISTRIBUTED WHOLE-HOU	JSE VENTILATION. A	A whole-house ventila	tion system shall be considered distribute	d when it supplies outdoo	r air directly (not transfer a	air) to each dwelling					
	or sleeping unit babitable sr	ace (living room de	n office interior adio	ining spaces or bedroom) and exhausts a	ir from all kitchens and bat	brooms directly outside	,					
	or steeping unit habitable sp	ace (living room, de	n, onice, interior aujo									
	Definition	202	202	Added in 2006 cycle. (<u>WSR 06-16-112</u>) 2009 cycle added owner occupied dwellings to uses considered dwelling units. (<u>WSR 09-17-140</u>) 2012 cycle removed Owner occupied dwellings and added Accessory dwelling units within existing dwellings and smoke alarm interconnection. (<u>WSR 12-16-091</u>) Modified in 2018 cycle. Removed accessory dwelling units within existing	Modify Existing Amendment		Proposal needed, Incorporate new model code language. Chapter 11 not adopted per <u>51-51-</u> <u>003</u>					
				dwellings language. (<u>WSR 19-16-156</u>)								



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	DWELLING UNIT. A single u	init providing comple	te independent living	facilities for one or more persons, includir	ng permanent provisions fo	or living, sleeping, eating,	cooking and				
	sanitation. For the definition	n applicable in Chapt	er 11, see Section N1	1101.6 For the definition applicable in Cha	pter 24, see Section G240	 Dwelling units may also 	o include the				
	following uses: 1. Adult family homes, foster family care homes and family day care homes licensed by the Washington state department of social and health services. 2. Offices, mercantile, food preparation for off-site consumption, personal care salons or similar uses which are conducted primarily by the occupants of the dwelling unit and are										
	secondary to the use of the	unit for dwelling purp	poses, and which do r	not exceed 500 square feet (46.4 m2).			5				
	Definition	202	202	Added during 2018 cycle no rationale in CR document (<u>WSR 20-03-023</u>)	Keep existing amendment						
	EGRESS ROOF ACCESS WI	NDOW. A skylight or	roof window designe	d and installed to satisfy the Emergency E	scape and Rescue Openin	g requirements of Section	R310.2.				
	Definition	202	202	Added in 2021 Cycle to align with amendments to in M1503 and M1505. (WSR 22-17-148)	Keep existing amendment						
	ENCLOSED KITCHEN. A kit	chen whose perman	ent openings to interi	or adjacent spaces do not exceed a total o	f 60 square feet (6 m2).						
	Definition	202	202	Added in 2006 cycle update. (<u>WSR 08-</u> <u>17-089</u>)	Modify existing amendment		Proposal Needed, Incorporate Model Code Language.				
	FIRE SEPARATION DISTANC	CE. The distance me	asured from the build	ling face f oundation wall or face of the wall	framing, whichever is clos	ser, to one of the following	:				
	1. To the closest interior lot	line; <mark>or</mark>									
	2. To the centerline of a stre	et, an alley or public	way; or	he let							
	The distance shall be measured	he distance shall be measured at a right angle from the wall.									
	Definition		202	Added in 2018 cycle no rationale in CR	Keep existing						
		202	202	document (<u>WSR 19-16-156</u>)	amendment	tale de 100 e como adteración					
	the usable area under the horizontal projection of the roof or floor above.										
	Definition			Added in 2018 cycle no rationale in CR	Keep existing						
<u>51-51-0202</u>		202	202	document (<u>WSR 19-16-156</u>)	amendment						
	LANDING PLATFORM. A lar	LANDING PLATFORM. A landing provided as the top step of a stairway accessing a Loft.									
				Added in 2018 cvcle no rationale in CR	Repeal Existing		Amendment and model code				
	Definition	202	202	document (<u>WSR 19-16-156</u>)	Amendment		language are				
		et system that uses (one or more fans to e	yhaust air from a specific room or rooms w	ithin a residential dwelling	or sleeping unit	substantially similar.				
	LOCAL LATIAOSI. An exilau			Added in 2018 cvcle as "SLEEPING							
				LOFT" Moved definition from appendix.							
	Definition	202	202	No rationale in CR document (<u>WSR 12-</u>	Keep existing						
				"SLEEPING LOFT" with "LOFT to align	amenument						
				with language of R333 (<u>WSR 22-17-148</u>)							
	LOFT. A space on an interm	ediate level or levels	between the floor an	d ceiling of a dwelling or sleeping unit, ope	n on one or more sides to t	the room or space in whic	h the loft is located,				
	and in accordance with Sec	uon R333.					Amendment and				
	Definition	202	202	Added in 2018 cycle no rationale in CR document (<u>WSR 19-16-156</u>)	Repeal Existing Amendment		model code language are				
	LOTLINE The line which he	unds a plot of group	d described as a latir	the title to the property			substantially similar.				
				2015 cycle added definition to clarify local	Keep existing						
	Definition	202	202	jurisdictions designate (<u>WSR 15-16-086</u>)	amendment						
	SALT WATER COASTAL ARE	A. Those areas desig	gnated as salt water c	oastal areas by the local jurisdiction.							



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	Definition	202	202	Added in 2006 cycle (<u>WSR 06-16-112</u>) 2012 cycle removes language 1,000,000 or less in sales from definition. (<u>WSR 12-</u> <u>16-091</u>)	Keep existing amendment						
	SMALL BUSINESS. Any business entity (including a sole proprietorship, corporation, partnership or other legal entity) which is owned and operated independently from all other										
	businesses, which has the	usinesses, which has the purpose of making a profit, and which has fifty or fewer employees.									
	Definition	202	202	Added in 2018 cycle no rationale in CR document (<u>WSR 19-16-156</u>)	Keep existing amendment						
	TOWNHOUSE UNIT. A sing	le-family dwelling un	<i>it</i> in a <i>townhouse</i> that	extends from foundation to roof and that	has a yard or public way or	not less than two sides <mark>t</mark>	hat extends at least				
	50 percent of the length of e	each of these two sid	es.								
		CHA	PTER 3 BUILDING PL	ANNING (Part III Building Planning and C	construction)						
	Design Criteria	R301.2	R301.2	Amendment added in 2015 cycle to allow local jurisdiction to designate salt water coastal areas within their jurisdictions (WSR 15-16-086)	Keep existing amendment						
	R301.2 Climatic and geogr	aphic design criteri	a. Buildings shall be c	constructed in accordance with the provisi	ions of this code as limited	by the provisions of this s	section. Additional				
	criteria shall be established	criteria shall be established by the local jurisdiction and set forth in Table R301.2. The local jurisdiction shall designate the salt water coastal areas within their jurisdiction.									
<u>51-51-0301</u>	Design Criteria	R301.2.2.10	R301.2.2.10 + R301.2.2.10.1	Amendment added in 2021 cycle to correctly reference the UPC (<u>WSR 22-17-148</u>)	Repeal Existing Amendment		See Significant Change report UPC Amendment / language still effective for requirement.				
	R301.2.2.10 Anchorage of	water heaters. In Se	ismic Design Categor	ies D ₀ , D ₁ and D ₂ , and in townhouses in Se	eismic Design Category C, v	water heaters and therma	l storage units shall				
	be anchored against mover	nent and overturning	in accordance with S	ection M1307.2 or P2801.8 the Uniform P	lumbing Code Section 507.	.2.					
	Design Criteria	R301.5	R301.5	Table amended in 2006 cycle. (<u>WSR 07-16-026</u>) Amendment removed in 2009 cycle (<u>WSR 09-17-140</u>) Amendment to table again in 2015 cycle increasing balcony live loads to align with ASCE 7 and adding footnote J. (<u>WSR 15-16-086</u>)	Keep existing amendment						



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	R301.5 Live load. The minin	num uniformly distri	buted live load shall b	e as provided in Table R301.5.									
	TABLE R301.5 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (in pounds per square foot)												
			Use	Uniform Loads	(psf) Concentrated I	oad (lb)							
		Uninhabit	able attics without sto	orage ^b 10	-								
		Uninhabit	able attics with limite	d storage ^{b, g} 20	-								
		Habitable	attics and attics ser	ved with fixed 30	-								
		stairs											
		Balconies	(exterior) and decks ^e	60 ^j	-								
		Fire escap	es	40	-								
		Guards	•••		200 ^{n,i}								
		Guard in-f	ill components'		50" 200 ^b								
		Bassander	wohiolo gorogoo	- E0ª	200"								
		Areas othe	venicle galages	40									
		Sleeping a	reas	30	-								
		Stairs		40 ^c	300 ^c								
	Steeping areas 30 - Stairs 40° 300° For SI: 1 pound per square foot = 0.0479 kPa, 1 square inch = 645 mm, 1 pound = 4.45 N Elevated garage floors shall be capable of supporting the uniformly distributed live load or a 2.000-pound concentrated load applied on an area of 4-1/2 inches by 4-1/2 inches, whichever produces the great accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses. This live load need not be assumed to act concurrently with any other live load or a 300° pound concentrated load applied on an area of 2 inches by 1-inches, whichever produces the greater stresses 4. A single concentrated load applied in any direction at any point along the top. For a guard not required to serve as a handrail, the load need not be asplied to the top element of the guard in a direction para element. 6. See Section R507.1 for decks attached to exterior walls. 6. Guard in-fill components (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This loa assumed to act concurrently with any other live load requirement. 9. Uninhabitable attics with limited storage are those where the clear height by 24 inches in width, or greater, within the plane of the trusses. The live load need only be applied to those portions of the joists or truss bottom or of the following conditions are met: 9. Uninhabitable attics with limited storage are those where the clear heig												
<u>51-51-0302</u>	Fire Resistant Construction	R302.2.2	R302.2.2	2018 cycle added amendment to address new definition of Townhouse Unit (<u>WSR</u> <u>19-16-156</u>) 2021 cycle modified to incorporate model code changes. (<u>WSR</u> <u>22-17-148</u>)	Modify Existing Amendment		Proposal Needed, Incorporate Model Language						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	R302.2.2 Common walls.	common walls separ	ating townhouse units	s shall be assigned a fire resistance rating	in accordance with Item 1	or 2 and shall be rated for	fire exposure from					
	both sides. Common walls shall extend to and be tight against the exterior sheathing of the exterior walls, or the inside face of exterior walls without stud cavities, and the underside of the roof sheathing. The common wall shared by two <i>townhouse units</i> shall be constructed without <u>openings</u> plumbing or mechanical equipment, ducts or vents, other than water-filled fire sprinkler piping in the cavity of the common wall. Electrical installations shall be in accordance with Chapters 34 through 43: chapter <u>296-46B</u> WAC, Electrical safety standards, administration, and installation. Penetrations of the membrane of common walls for electrical outlet boxes shall be in accordance with Section R302.4.											
	 Where an automatic sprinkler system in accordance with Section P2904 is provided, the common wall shall be not less than a 1-hour fire-resistance-rated wall assembly tested in accordance with ASTM E119, UL 263 or Section 703.2.2 of the <i>International Building Code</i>. Where an automatic sprinkler system in accordance with Section P2904 is not provided, the common wall shall be not less than a 2-hour fire-resistance-rated wall assembly tested in accordance with ASTM E119, UL 263 or Section 703.2.2 of the <i>International Building Code</i>. Where an automatic sprinkler system in accordance with Section P2904 is not provided, the common wall shall be not less than a 2-hour fire-resistance-rated wall assembly tested in accordance with ASTM E119, UL 263 or Section 703.2.2 of the <i>International Building Code</i>. EXCEPTION: 											
	thickness wood studs.	end to and be tight agains	St the mside interior side of	the exterior wails if the cavity between the end of th	e common wail and the exterior s	neathing is filled with a minimur	n or 2-inch norhinal					
	Fire Resistant Construction	R302.2.3	R302.2.3	2009 cycle added amendment. Specific rationale not included in CR document. (<u>WSR 09-17-140</u>) 2015 cycle added graphic to amendment for clarity. (<u>WSR 15-16-086</u>) 2018 cycle modified amendment to address new definition of Townhouse Unit (WSR 19-16-156)	Modify Existing Amendment		Proposal Needed, incorporate model code language. Is figure in wrong location or numbered incorrectly?					
	R302.2.3 Continuity. The fir	e-resistance-rated w	all or assembly sepa	rating <i>townhouse units</i> shall be continuou	s from the foundation to th	e underside of the roof sh	leathing, <u>roof</u> deck					
	or slab. The fire-resistance r	ating shall extend the	e full length of the wa	ll or assembly, including wall extensions th	hrough and separating atta	ched enclosed accessory	^v structures.					
	Where a story extends beyo	nd the exterior wall o	f a story below:									
	1. The fire-resistance-rated	wall or assembly sha	all extend to the outsid	le edge of the upper story (see Figure R30)	2.2(1)); or							
	2. The underside of the expo	sed floor-ceiling ass	embly shall be protec	ted as required for projections in Section	R302 (see Figure R302.2(2)).						
	Townings# Territoria Figure Rates at 17 Extended Towned at States Towned											
	TOWNFOOLDE REPARATION OVERFAND PROTECTION	Creefsang g ^a ag also and g										
<u>51-51-0302</u>	Fire Resistant Construction	R302.2.4	R302.2.4	2018 cycle added amendment to address new definition of Townhouse Unit (<u>WSR</u> <u>19-16-156</u>)	Repeal Existing Amendment		WAC language is identical to model code language in 2021. Suggest adoption of model language.					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	R302.2.4 Parapets for towr walls separating townhouse	houses. Parapets co <i>units</i> in accordance	onstructed in accorda with the following:	ance with Section R302.2.5 shall be constr	ructed for <i>townhouses</i> as a	n extension of exterior wa	Ils or common				
	1. Where roof surfaces adja	cent to the wall or wa	alls are at the same el	evation, the parapet shall extend not less	than 30 inches (762 mm) a	bove the roof surfaces su	rfaces decks.				
	2. Where roof surfaces surfaces	aces decks adjacent	to the wall or walls ar	e at different elevations and the higher roc	of <u>deck</u> is not more than 30	inches (762 mm) above tl	ne lower roof <u>deck</u> ,				
	the parapet shall extend not	t less than 30 inches	(762 mm) above the l	ower roof surface <u>-surface deck</u> .							
	EXCEPTION: A parapet is not required in the pre	eceding two cases where t	he roof covering complies y	with a minimum Class C rating as tested in accordance	e with ASTM F108 or LIL 790 and t	be roof decking decking deck or	sheathing is of				
	noncombustible materials or fire re	etardant-treated wood for	a distance of 4 feet (1219 r	nm) on each side of the wall or walls, or one layer of !	5/8-inch (15.9 mm) Type X gypsun	n board is installed directly bene	ath the roof decking				
	decking deck or sheathing, support	ed by not less than nomin	al 2-inch (51 mm) ledgers a	attached to the sides of the roof framing members, fo	r a distance of not less than 4 fee	t (1219 mm) on each side of the	wall or walls and any				
	3. A parapet is not required	where roof surfaces	adiacent to the wall o	r walls are at different elevations and the h	higher roof deck is more that	n 30 inches (762 mm) abo	ve the lower roof				
	deck. The common wall construction from the lower roof deck to the underside of the higher roof deck shall have not less than a 1-hour fire-resistance rating. The wall shall be rated for										
	exposure from both sides. Openings shall not be permitted in the wall.										
				2009 cycle introduced amendment.							
				Specific rationale not included in CR							
				modifications made to align with model							
				code changes. (<u>WSR 12-16-091</u>)			Proposal needed,				
	Fire Resistant Construction	T R302.1(1)	T R302.1(1)	(WSR 15-16-086) 2018 cycle brought	Amendment		Model Language has same				
				back amendment to address a situation			regulatory effect.				
				where there are no vents at the							
				walls underneath the rake overhang.							
				(<u>WSR 19-16-156</u>)							
	-										
				TABLE R302.1(1) EXTERIOR WALLS							
				No Change to the Table							
	a. The fire-resistance rating	shall be permitted to be r	educed to 0 hours on the u	nderside of the eave overhang if fireblocking is provi	ded from the wall top plate to the	underside of the roof sheathing					
	b. The fire-resistance rating wall in the rake overhang	shall be permitted to be r or in walls that are comm	educed to 0 hours on the u on to attic areas.	nderside of the rake overhang where gable vent vent	ilation openings <u>that communica</u>	<u>te with the attic</u> are not installed	in the overhang or gable				
				2012 cycle introduced amendment.							
				Specific rationale not included in CR							
				amendment in 2015 cycle (WSR 15-16-			Proposal needed,				
	Fire Resistant Construction	T R302.1(2)	T R302.1(2)	086) 2018 cycle brought back	Repeal Existing		Model Language				
		11002.1(2)	11002.1(2)	amendment to address a situation where there are no vents at the underside of the	Amendment		has same				
				rake overhang, or in any walls			regulatory effect.				
				underneath the rake overhang. (WSR 19-							
<u>51-51-0302</u>				<u>16-156</u>)							
			EXTERIOR WALLS -	TABLE R302.1(2) DWELLINGS AND TOWNHOUSES WITH AN AUTOM	IATIC FIRE SPRINKLERS SYSTEM						
				No Change to the Table							
	a. For residential subdivision	ns where all dwellings and	<u>townhouses</u> are equipped	throughout with an automatic sprinkler system insta	lled in accordance with Section P	2904, the fire separation distanc	e for exterior walls not				
	setback yard that is 6 feet	t or more in width on the o	opposite side of the proper	ty line.	openings and penetrations shall	be permitted, where the adjoint	ig lot provides an open				
	b. The fire-resistance rating	shall be permitted to be r	educed to 0 hours on the u	nderside of the eave overhang if fireblocking is provide addressed of the rate overhand where goals was the second of the rate overhand where goals are blocking in the second of the second overhand where goals are blocking in the second overhand	ded from the wall top plate to the	underside of the roof sheathing	in the overband of set !-				
	wall in the rake overhang	or in walls that are comm	educed to 0 hours on the u on to attic areas.	nuerside of the rake overhang where gable vent vent	ination openings that communica	te with the attic are not installed	in the overhang or gable				



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	Fire Resistant Construction	R302.3	R302.3	2018 cycle added amendment to addresses unit separation requirements and supporting construction requirements. (<u>WSR 19-16-156</u>)	Modify Existing Amendment		See Significant Change report Model Code language Completely replaced.					
	R302.3 Two-family dwellings. Wall and floor/ceiling assemblies separating <i>dwelling units</i> in two-family dwellings shall be separated from each other by wall and floor assemblies by a partice of the later strength of the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies and the separated from each other by wall and floor assemblies assemblies are separated from each other by wall and floor assemblies assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall and floor assemblies are separated from each other by wall an											
	having not less than a 1-hot provided regardless of when exterior wall, and wall asser accessory dwelling unit con accessory dwelling unit and the accessory dwelling unit Exceptions: 1.— A fire-resistance rating 2.— Wall Assemblies need	 provided regardless of whether a lot line exists between the two dwelling units or not. Fire-resistance-rated floor/ceiling and wall assemblies shall extend to and be tight against the exterior wall, and wall assemblies shall extend from the foundation to the underside of the roof sheathing. constructed in accordance with Section R302.3.1 through R302.3.5. One accessory dwelling unit constructed within an existing <i>dwelling unit</i> need not be considered a separated dwelling unit in a two-family dwelling where all required smoke alarms, in the accessory dwelling unit and the primary dwelling unit, are interconnected in such a manner that the actuation of one alarm will activate all alarms in both the primary dwelling unit and the accessory dwelling unit. Exceptions: A fire-resistance rating of ½ hour shall be permitted in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904. Wall Assemblies need not extend through attic spaces where the ceiling is protected by not less than 5/8-inch (15.9 mm) Type X gypsum board, an attic draft stop constructed as specified in Section R302.12.1 is provided above and along the wall assembly separating the dwellings and the structural framing supporting the ceiling is protected by not less 										
	specified in Section R3 than ½-inch (12.7 mm)	02.12.1 is provided ∂ ∙gypsum board or eq	above and along the w uivalent.	rall assembly separating the dwellings and	the structural framing sup	oporting the ceiling is prof	tected by not less					
	Fire Resistant Construction	R302.3.1	R302.3.1 / R302.3.2	2018 cycle added amendment to addresses unit separation requirements and supporting construction requirements. (<u>WSR 19-16-156</u>) 2021 cycle modified and adds an exception to further clarify when a two-family dwelling shall be determined and required to have a separation wall and when it may be exempt from the separation requirements. (<u>WSR 22-17-148</u>)	Keep Existing Amendment		See Significant Change report Model Code language added.					
	R302.3.1 Separation. Dwelling units in two-family dwellings shall be separated from each other by wall and floor assemblies having not less than a 1-hour fire-resistance rating where tested in accordance with ASTM E119. UL 263 or Section 703.2.2 of the International Building Code.											
	 tested in accordance with ASTM E119, UL 263 or Section 703.2.2 of the International Building Code. EXCEPTIONS: A fire-resistance rating of 1/2 hour shall be permitted in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 2904. Where an accessory dwelling unit is added within an existing single-family residence to create a two-family dwelling, fire-rated separation between the accessory dwelling unit and the primary dwelling unit is not required when all required smoke alarms are interconnected in such a manner that the actuation of one alarm will activate all alarms in both the primary dwelling unit and the accessory dwelling unit. 											
	Fire Resistant Construction	R302.3.2	R302.3.3	2018 cycle added amendment to address unit separation requirements and supporting construction requirements. (WSR 19-16-156)	Repeal Existing Amendment		See Significant Change report Model Code language added.					
	R302.3.2 Continuity. Fire-ri foundation to the underside EXCEPTION: Wall assemblies need not extend the along the wall assembly separating	esistance-rated floo e of the roof sheathin hrough attic spaces where g the dwellings and the str	r/ceiling and wall asse g. the ceiling is protected by uctural framing supporting	not less than 5/8-inch (15.9 mm) Type X gypsum boar the ceiling is protected by not less than 1/2-inch (12.	st the <i>exterior wall</i> , and wal rd, an attic draft stop constructed 7 mm) gypsum board or equivaler	ll assemblies shall extend as specified in Section R302.12.1	l from the					
<u>51-51-0302</u>	Fire Resistant Construction	R302.3.3	R302.3.4	Added in 2012 update to specify fire resistance rating for walls is determined based on exposure to the outside not both sides. (<u>WSR 13-16-087</u>) 2015 cycle removed an exception to the section when smoke alarms are interconnected. (<u>WSR 15-16-086</u>) 2018 cycle removed exception to section when sprinklers are installed to address unit separation requirements and supporting construction requirements (<u>WSR 19-16-156</u>)	Repeal Existing Amendment		See Significant Change report Model Code language added. Proposal Needed. New Language has same regulatory effect.					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments						
	R302.3.3 Supporting const have an equal or greater fire	ruction. Where floor -resistance rating.	r/ceiling assemblies a	re required to be fire-resistance rated by S	Section R302.3, the suppor	ting construction of such	assemblies shall						
	Fire Resistant Construction	R302.3.4	NA	2021 cycle added amendment recognizing that there may be a necessity for units to be interconnected. It addresses this condition by limiting the opening to a door located within the unit demising wall. (WSR 22-17-148)	Keep Existing Amendment		Target location 302.3.3.3 after vertical assemblies						
	R302.3.4 Openings protect equipped with not less than EXCEPTION:	R302.3.4 Openings protection between two-family dwellings. Openings in the common fire-resistance-rated wall assembly located between units of a two-family dwelling shall be equipped with not less than a 45-minute fire-rated door assembly equipped with a self-closing or automatic-closing device. EXCEPTION: A 20-minute fire-rated door assembly is permitted in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904 or NFPA 13D.											
	Fire Resistant Construction	R302.3.5	R302.3.6	2021 cycle added amendment to clarify the hazards from accessory spaces are no greater than a common garage and should therefore be treated similarly. (<u>WSR 22-17-148</u>)	Repeal Existing Amendment		See Significant Changes Report. Proposal Needed. New Language identical to amendment.						
	R302.3.5 Shared accessory rooms. Shared accessory rooms shall be separated from each individual dwelling unit in accordance with Table R302.3.5. Openings between the shared accessory room and the dwelling unit shall comply with Section R302.3.5.1. Attachment of gypsum board shall comply with Table R702.3.5.												
	Fire Resistant Construction	R302.3.5.1	R302.3.6.1	2021 cycle added amendment to clarify the hazards from accessory spaces are no greater than a common garage and should therefore be treated similarly. (<u>WSR 22-17-148</u>)	Repeal Existing Amendment		See Significant Changes Report. Proposal Needed. New Language has same regulatory effect.						
	R302.3.5.1 Opening protection. Openings from a shared accessory room or area directly into a room used for sleeping purposes shall not be permitted. Other openings between the shared accessory room or area shall be equipped with solid wood doors not less than 1 3/8 inches in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches thick, or a fire door assembly with a 20-minute fire-protection rating, equipped with a self-closing or automatic-closing device.												
	Fire Resistant Construction	R302.3.5.2	R302.3.6.2	2021 cycle added amendment to address penetration issues arising from interpreting accessory rooms not part of the habitable space (<u>WSR 23-02-058</u>)	Repeal Existing Amendment		See Significant Changes Report. Proposal Needed. New Language has same regulatory effect.						
51-51-0302	R302.3.5.2 Duct penetration mm) sheet steel or other app	n. Ducts penetrating proved material and	g the walls or ceilings shall not have openir	separating the dwelling from the shared and separating the shared accessory room.	ccessory room shall be co	nstructed of a minimum I	10. 26 gage (0.48						
	Fire Resistant Construction	R302.3.5.3	R302.3.6.3	2021 cycle added amendment to address penetration issues arising from interpreting accessory rooms not part of the habitable space (<u>WSR 23-02-058</u>)	Repeal Existing Amendment		See Significant Changes Report. Proposal Needed. New Language has same regulatory effect.						
	R302.3.5.3 Other penetrati Item 4.	ons. Penetrations th	rough the walls, ceili	ng, and floor level separation required in S	ection R302.3.5 shall be p	rotected as required by So	ection R302.11,						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	Fire Resistant Construction	T R302.3.5	T R302.3.6	2021 cycle added amendment to clarify the hazards from accessory spaces are no greater than a common garage and should therefore be treated similarly. (WSR 22-17-148)	Repeal Existing Amendment		See Significant Changes Report. Proposal Needed. New Language has same regulatory effect.
		TABLE	R302.3.5				
		DWELLING-SHARED ACCE	SSORY ROOM SEPARATIO				
		From the dwelling units an attics.	d Not less than 1/2-inch gypsum board or equivalent applied to th accessory room side wa	e II.			
		From habitable rooms above or below the shared accessory room.	Not less than 5/8-inch T X gypsum board or equivalent.	ype			
		Structures supporting floor/ceiling assemblies used for separation required by this section.	Not less than 1/2-inch gypsum board or equivalent.				
	Fire Resistant Construction	R302.13	R302.13	2015 cycle adds amendment to further define dimensional lumber. (<u>WSR 15-16-056</u>)	Modify Existing Amendment		Proposal Needed. Incorporate new model code language Exception #5
	 R302.13 Fire protection of floors. Floor assemblies that are not required elsewhere in this code to be fire-resistance rated, shall be provided with a 1/2-inch in wallboard membrane, 5/8-inch (16 mm) wood structural panel membrane, or equivalent on the underside of the floor framing member. Penetrations or opening electrical outlets, lighting, devices, luminaires, wires, speakers, drainage, piping and similar openings or penetrations shall be permitted. EXCEPTIONS: 1. Floor assemblies located directly over a space protected by an automatic sprinkler system in accordance with Appendix AWU, NFPA 13D, or other approved equivalent sprinkler system. 2. Floor assemblies located directly over a crawl space not intended for storage or fuel-fired appliances. 3. Portions of floor assemblies shall be permitted to be unprotected when complying with the following: 3.1. The aggregate area of the unprotected portions shall not exceed 80 square feet (7.4 m2) per story. 3.2. Fire blocking in accordance with Section R302.11.1 is installed along the perimeter of the unprotected portion to separate the unprotected portion from the remainder of the floor assembly. 4. Wood floor assemblies using dimension lumber or <i>structural composite lumber</i> with a cross sectional area equal to or greater than 2-inch by 10-inch (50.8 mm by 254 mm) nominal dimension, or oth demonstrating equivalent fire performance. 5. Wood floor assemblies less than 600 square feet (55.7 m²) within detached accessory structures with no habitable space above them. 						nm) gypsum r ducts, vents, roved floor assemblies
<u>51-51-0303</u>	Light, Ventilation and Heating	R303.1	R325.1.1		Repeal Existing Amendment		Change Report. Model Code Language Added Proposal Needed.
	R303.1 Natural light. All ha EXCEPTION: The glazed areas need not be insta level.	abitable rooms shall h	ave an aggregate gla: al light is provided capable	zing area of not less than 8 percent of the	floor area of such rooms. les (65 lux) over the area of the ro	om at a height of 30 inches (762	mm) above the floor
	Light, Ventilation and Heating	R303.2	R325.1.3		Modify Existing Amendment		Proposal Needed. Exception removed in 2024 language
	R303.2 Adjoining rooms. F not less than one-half of the less than 25 square feet (2. EXCEPTION: Openings required for light or ven less than one-tenth of the floor are	for the purpose of dete e area of the common 3 m2). tilation shall be permitted to ea of the interior room but r	ermining light and ver wall is open and unc o open into a sunroom wit not less than 20 square fee	ntilation requirements, any room s shall be obstructed and provides an opening of not h thermal isolation or a patio cover, provided there is et (2 m2). The minimum openable area to the outdoo	e considered as to be a por t less than one-tenth of the s an openable area between the a rs shall be based on the total floo	tion of an adjoining room floor area of the interior djoining room and the sunroom r area being ventilated.	when at least where 'oom but and not nor a patio cover of not



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
	Light, Ventilation and Heating	R303.3	R325.2		Keep Existing Amendment					
	R303.3 Bathrooms. This se than 3 square feet (0.3 m ²), Exception: The galzed areas with Section M1505. Exhaus	ction is not adopted. one-half of which sh shall not be require st air from the space	Bathrooms, water cl all be openable. d where artificial light shall be exhausted di	oset compartments and other similar roor and a local exhaust system are provided. rectly to the outdoors.	ns shall be provided with a The minimum local exhau	nggregate glazing area in w st rates shall be determin	rindows of not less ed in accordance			
	Light, Ventilation and Heating	R303.4	R325.3		Keep Existing					
	R303.4 Minimum ventilation M1505. EXCEPTION: Additions with less than 500 square	e feet of conditioned floor	velling units shall be e	quipped with local exhaust and whole-hou requirements in this Code for Whole-House Ventilatio	use ventilation systems de	signed and installed as sp	pecified in Section			
	Light, Ventilation and Heating	R303.5.1	R325.4.1		Keep Existing Amendment					
	R303.5.1 Intake openings. contaminant, such as vents For the purpose of t EXCEPTIONS: 1. The 10-foot (3048 mm) se 2. Vents and chimneys serv 3. Clothes dryer exhaust du	Mechanical and grav s, chimneys, plumbin his section, the exha eparation is not required v ing fuel-burning appliance cts shall be terminated in	Vity outdoor air intake ng vents, streets, alley ust from <i>dwelling unit</i> vhere the intake opening is s shall be terminated in acc accordance with Section M	openings shall be located a minimum of r s, parking lots and loading docks, except a toilet rooms, bathrooms and kitchens sha located 3 feet (914 mm) or greater below the contam cordance with the applicable provisions of Chapters 1 1502.3.	not less than 10 feet (3048 as otherwise specified in the all not be considered as he ninant source. 8 and 24.	mm) from any hazardous nis code. azardous or noxious.	or noxious			
	Light, Ventilation and Heating	R303.5.2	R325.4.2		Keep Existing Amendment					
	R303.5.2 Exhaust openings. Exhaust air shall not be directed onto walkways. All exhaust ducts shall terminate outside the building. Terminal elements shall have at least the equivalent net free area of the duct work.									
	Light, Ventilation and Heating	R303.5.2.1	NA		Keep Existing amendment		Target location R325.4.2.1			
	R303.5.2.1 Exhaust ducts.	Exhaust ducts shall	be equipped with bac	k-draft dampers. All exhaust ducts in unco	onditioned spaces shall be	e insulated to a minimum	of R-4.			
	Light, Ventilation and Heating	R303.7	R325.6		Keep Existing Amendment					
	R303.7 Interior stairway ill primary power from the buil treads and landings. There s EXCEPTION: A switch is not required where rem	umination. Interior s Iding wiring. The light shall be a wall switch	stairways shall be pro source shall be capa hat each floor level to control of lighting is provide	vided with an artificial light source to illum ble of illuminating treads and landings to l control the light source where the stairwa ed.	ninate the landings and trea levels not less than 1 foot- ly has six or more risers.	ads. Stairway illumination candle (11 lux) measured	shall receive at the center of			
	Light, Ventilation and Heating	R303.8	R325.7		Keep Existing Amendment					
	R303.8 Exterior stairway il primary power from the buil bottom landing of the <i>stairv</i>	lumination. Exterior Iding wiring. Exterior vay.	<i>stairways</i> shall be pro s <i>tairway</i> s providing ac	ovided with an artificial light source locate ccess to a <i>basement</i> from the outdoor gra	d at the top landing of the delevel shall be provided to	stairway. <mark>Stairway illumin</mark> with an artificial light sour	ation shall receive ce located at the			
	Light, Ventilation and Heating	R303.9	R325.1.1		Repeal Existing Amendment		Proposal Needed. Section moved and combined with Section R325.1.1 Natural Light.			
	 R303.9 Required glazed openings. Required glazed openings shall open directly onto a street or public alley, or a yard or court located on the same <i>lot</i> as the building. EXCEPTIONS: Required glazed openings that face into a roofed porch where the porch abuts a street, yard or court are permitted where and the longer side of the porch is not less than 65 percent unobstructed and the ceiling height is not less than 7 feet (2134 mm). Eave projections shall not be considered as obstructing the clear open space of a yard or court. Required glazed openings that face into the area under a deck, balcony, bay or floor cantilever are permitted where an unobstructed pathway of where a clear vertical space not less than 36 inches (914 mm) in height, 36 inches (914 mm) in width, and no greater than 60 inches (1524 mm) in length is provided and opens to a yard or court. The pathway shall be measured from the exterior face of the glazed opening, or if the glazed opening. 									
	is in a window well, at the	e window well wall furthes	t from the exterior face of t	he glazed opening.						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	Light, Ventilation and Heating	R303.10	R325.8		Keep Existing Amendment						
	R303.10 Required heating, maintaining a minimum roo temperature. The installatio EXCEPTION:	When the winter de om temperature of 68 on of one or more po	sign temperature in Ta 3ºF (20ºC) at a point 3 rtable heaters shall no	able R301.2 is below 60°F (16°C), every <i>dw</i> feet (914 mm) above the floor and 2 feet (6 ot be used to achieve compliance with this	<i>relling unit</i> shall be provide 510 mm) from exterior wall s section.	d with heating facilities cars in all habitable rooms at	apable of design				
	Light, Ventilation and	R303.10.1	NA	cupied as a permanent oweiling.	Keep Existing		Target After Section				
	R303.10.1 Definitions. For DESIGNATED AREAS are th Agency as being in nonattai SUBSTANTIALLY REMODE purpose of this section, the	the purposes of this nose areas designate nment for particulate LED means any alter appraised value is th	section only, the follo d by a county to be ar e matter. ation or restoration o he estimated cost to r	wing definitions apply. n urban growth area in chapter <u>36.70A</u> RCN f a building exceeding 60 percent of the ap eplace the building and structure in kind, I	W and those areas designation of such build based on current replacent	ted by the U.S. Environme ding within a 12-month pe nent costs.	riod. For the				
	Light, Ventilation and Heating	R303.10.2	NA		Keep Existing Amendment		Target After Section R325.8				
	R303.10.2 Primary heating	source. Primary hea	ating sources in all ne	w and substantially remodeled buildings i	n designated areas shall n	ot be dependent upon wo	od stoves.				
	Light, Ventilation and Heating	R303.10.3	NA		Keep Existing Amendment		Target After Section R325.8				
	Agency certified or exempt from certification by the United States Environmental Protection Agency and conforms with RCW 70A.15.1005, 70A.15.3500, 70A.15.3510, and 70A.15.3530. EXCEPTIONS: 1. Wood cook stoves. 2. Antique wood heaters manufactured prior to 1940.										
<u>51-51-307</u>	Toilet, Bath and Shower Spaces	R307.1	R327.1		Modify Existing Amendment		Proposal Needed. Remove Plumbing code section reference 402.5 to reduce correlation issues arising from future modifications or renumbering.				
	R307.1 Space required. Fix	tures shall be space	d in accordance with	Figure R307.1, and in accordance with the	e requirements of the state	plumbing code Section 4	.02.5.				
<u>51-51-0309</u>	Garages and Carports	309.6.1	317.6.1		Modify Existing Amendment		See Significant Change Report. New language added. Suggest incorporation of new language. Proposal needed				
	R309.6 Electric vehicle charging. Where provided, electric vehicle charging systems shall be installed in accordance with <u>NFPA 70</u> . Electric vehicle charging system equipment shall be <i>listed</i> and <i>labeled</i> in accordance with <u>UL 2594</u> R309.6.1 Application. The provisions of this section shall apply to the construction of new dwelling units per Section R101.2 with attached private garages or attached private carports. EXCEPTION: Where there is no public utility or commercial power supply										
	Garages and Carports	R309.6.2	NA		Keep Existing Amendment		Target Location 317.6.1				
	Garages and CarportsR309.6.2NAKeep Existing AmendmentTarget Location 317.6.1R309.6.21 Dedicated circuit for electric vehicle charging. A minimum of one 40-ampere dedicated 208/240-volt branch circuit shall be installed in the electrical panel for each dwelling unit. The branch circuit shall terminate at a junction box, receptacle outlet, or electric vehicle charging equipment.Target Location 317.6.1										



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
<u>51-51-03100</u>	Emergency Escape and Rescue Openings	R310.1	R319.1		Modify Existing Amendment		Proposal needed. Incorporate Model Language Changes					
	R310.1 Emergency escape	and rescue openin	g required. Basemen	ts, habitable attics, the room to which a s	leeping loft is open and eve	ery sleeping room shall ha	ive not less than one					
	operable emergency escap	e and rescue opening	g. Where basements o	contain one or more sleeping rooms, an er	mergency escape and resc	ue opening shall be requi	red in each sleeping					
	room. Emergency escape a than 36 inches (914 mm) th EXCEPTIONS:	nd rescue openings s at opens to a public v	shall open directly int way.	o a public way, or to a yard or court <mark>provid</mark>	ing an unobstructed path v	vith a having a minimum ۱	vidth of <mark>not less</mark>					
	 Storm shelters and b-Bas Storm shelters construct 	ements used only to hous ed in accordance with ICC	e mechanical equipment no 500.	ot exceeding a total floor area of 200 square feet (18.	.58 m).							
	 Where the <i>aweiling unit</i> or rescue openings provided 2.1. One means of 	r <i>townnouse unit</i> is equipp d that the basement has o egress complying with Sec	ed with an automatic sprini ne of the following: tion R311 and one emergei	ver system installed in accordance with Section P290	14, sleeping rooms in basements s	nall not be required to have em	ergency escape and					
	2.2. Two means of egress complying with Section R311.											
	 A yard shall not be required on shall not be considered on the constant on th	shall not be considered obstructions:										
	 3.1. Gates with operational constraints and opening control devices without the use of keys, tools, or special knowledge. 3.2. Window wells equipped with a removable cover complying with Section R310.4.4. 											
	Emergency Escape and Rescue Openings	R310.2.4	R319.2.4		Keep Existing Amendment							
	R310.2.4 Emergency esca	pe and rescue open	ings under decks, po	rches, and cantilevers. Emergency esca	pe and rescue openings in	stalled under decks, porc	hes, and					
	cantilevers shall be fully openable and provided with an unobstructed pathway of not less than 36 inches (914 mm) in height, 36 inches (914 mm) in width, and no greater than 60											
	inches (1524 mm) in length	that opens to a yard	or court. The pathway	r shall be measured from the exterior face	of the glazed opening, or r	f the glazed opening is in a	a window well, at the					
			of the glazed opening	•								
	Emergency Escape and Rescue Openings	R310.5	R319.5		Keep Existing Amendment							
	R310.5 Replacement wind	ows for emergency	escape and rescue of	openings. This section is not adopted. Rep	placement windows install	ed in buildings meeting th	ie scope of this					
	tode shall be exempt from a	Sections R310.2 and	H310.4.4, provided tr	hat the replacement window meets the following the size window that will fit within the evist	ting frame or evisting rough	opening The replaceme	nt window is of the					
	same operating styl	e that provides for ar	n equal or greater wind	dow opening are than the existing window								
	2.—The replacement wi	ndow is not part of a	change of occupancy	f.								
<u>51-51-0311</u>	Means of Egress	R311.4	R318.4		Modify Existing Amendment		Proposal Needed. Incorporate model language change.					
	R311.4 Vertical egress. Eg	ress from basements	and habitable levels	including habitable attics and basements	s not provided with an egre	ss door in accordance wit	h Section R311.2					
	shall be by a ramp in accord	dance with Section R	311.8 or a stairway in	accordance with Section R311.7.								
	EXCEPTION: Stairways, alternating tread devices	s, ship's ladders, or ladder	s within an individual dwell	ing unit or sleeping unit used for access to areas of 2	200 square feet (18.6 m2) or less, a	are exempt from the requiremen	its of Sections R311.4 and					
	R311.7, where such devices do not	provide exclusive access t	o a kitchen or bathroom. Si	uch areas shall not be located more than 10 feet (304	48 mm) above the finished floor o	f the space below.	1					
	Means of Egress	R311.7.11	R318.7.12		Keep Existing Amendment							
	R311.7.11 Alternating trea	d devices.Alternatin	g tread devices shall	not be used as an element of a means of e	egress. Alternating tread de	evices shall be permitted p	provided that a					
	be not less than 20 inches (508 mm)	es the same space at	each adjoining level of where a means of e	egress is not required. The	clear width at and below	the handraits shall					
	EXCEPTION:											
	Not adopted. Alternating tread dev	rices are allowed to be use	d as an element of a mean	s of egress for lofts, mezzanines and similar areas of	200 gross square feet (18.6 m ²) o	r less that do not provide exclusi	ve access to a kitchen or					
	Means of Egress	R311.7.12	R318.7.13		Keep Existing Amendment							
	R311.7.12 Ship's ladders.	Ship's ladders shall r	not be used as an elen	nent of a means of egress. Ship's ladders	shall be permitted provide	d that a required means o	f egress stairway or					
	ramp serves the same space	e at each adjoining l	evel or where a means	s of egress is not required. The clear width	at and below the handrail	s shall be not less than 20) inches (508 mm).					
	Not adopted. Ships ladders are allo	wed to be used as an eler	ment of a means of egress f	or lofts, mezzanines and similar areas of 200 gross s	quare feet (18.6 m²) or less that d	o not provide exclusive access to) a kitchen or bathroom.					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
<u>51-51-0312</u>	Guards and Window Fall Protection	R312.1.1	R321.1.1		Keep Existing Amendment						
	R312.1.1 Where required.0 ramps, and landings, that a the open side. Insect screen	<i>Guards</i> shall be provi re located more than ning shall not be cons	ded for those portion 30 inches (762 mm) sidered as a guard.	s of open-sided walking surfaces, includin measured vertically to the floor or <i>grade</i> be	g floors, <mark>mezzanines, <i>lofts</i> elow at any point within 36</mark>	in accordance with Secti inches (914 mm) horizon	on R333, stairs, tally to the edge of				
	Guards and Window Fall Protection	R312.1.2	R321.1.2		Keep Existing Amendment						
	R312.1.2 Height. Required, vertically above the adjacer EXCEPTIONS: 1. Guards on the open sides 2. Where the top of the gua connecting the nosings. 3. In areas with ceiling heigh the loft ceiling, whichever	guards at open-sided at walking surface or of stairs shall have a heig rd serves as a handrail on hts of 7 feet (2134 mm) or is less.	d walking surfaces, in the line connecting th ht of not less than 34 inche the open sides of stairs, the less in <i>lofts</i> constructed in a	cluding stairs, porches, balconies or landi ne nosings. s (864 mm) measured vertically from a line connectin e top of the <i>guard</i> shall be not less than 34 inches (864 accordance with Section R333, <i>guard</i> s shall not be less	ngs, shall be not less than g the <i>nosings.</i> 4 mm) and not more than 38 inch : than 36 inches (914 mm) in heig	36 inches (914 mm) in he es (965 mm) as measured vertic ht or one-half of the clear height	ight as measured ally from a line from the <i>loft</i> floor to				
<u>51-51-0313</u>	Automatic Fire Sprinkler Systems	R313.1	R309.1		Keep Existing Amendment						
	R313.1 Townhouse automa EXCEPTIONS: 1. An automatic residential installed. 2. Townhouse buildings cont	 3.1 Townhouse automatic fire sprinkler systems. An automatic residential fire sprinkler system shall be installed in a townhouse unit townhouses. PTIONS: 1. An automatic residential fire sprinkler system shall not be required where additions or alterations are made to an existing townhouse unit townhouses that does do not have an automatic residential fire sprinkler system installed. 2. Townhouse buildings containing no more than four townhouse units. 									
	Automatic Fire Sprinkler Systems	R313.1.1	R309.1.1		Keep Existing Amendment						
	R313.1.1 Design and insta NFPA 13D.	llation. Automatic re	sidential fire sprinkle	r systems for <mark>a townhouse unit townhouse</mark>	:s shall be designed and in	stalled in accordance wit	h Section P2904 or				
	Automatic Fire Sprinkler Systems	R313.2	R309.2		Keep Existing Amendment						
	R313.2 One- and two-fami	ly dwellings automa	tic sprinkler system	s. This section is not adopted. An Automa	tic sprinkler system shall b	e installed in one- and tw	ro-family dwellings.				
	Exception: An automatic sp	rinkler system shall i I	hot be required for ad	ditions or alterations to existing buildings t	hat are not already provide	ed with a sprinker system I	•				
<u>51-51-0314</u>	Detection	R314.1	R310.1		Amendment						
	R314.1 General. Smoke ala	rms, heat detectors,	and heat alarms sha	ll comply with NFPA 72 and this section.		r					
	Smoke Alarms and Heat Detection	R314.1.1	R310.1.1		Modify Existing Amendment		Proposal Needed. Incorporate Model Code language Change.				
	R314.1.1 Listings. Smoke and ca	larms shall be listed	and labeled in accord	dance with UL 217. Heat detectors and heat labeled in accordance with UL 217 and UL	at alarms shall be listed <mark>ar</mark> 2034	d labeled for the intended	d application.				
	Smoke Alarms and Heat Detection	R314.2	R310.2		Keep Existing Amendment						
	R314.2 Where required. Sr	noke alarms, <mark>heat de</mark>	etectors, and heat ala	rms shall be provided in accordance with t	this section.						
	Smoke Alarms and Heat Detection	R314.2.1	R310.2.1		Keep Existing Amendment						
	R314.2.1 New construction	n. Smoke alarms sha	ll be provided in <i>dwel</i>	ling units. A heat detector or heat alarm sh	nall be provided in new atta	ached garages.					
	Smoke Alarms and Heat Detection	R314.2.2	R310.2.2		Keep Existing Amendment						
	R314.2.2 Alterations, repairs and additions. Where alterations, repairs or additions requiring a permit occur, or where one or more sleeping rooms are added or created in existing dwellings, or where an accessory dwelling unit is created within an existing dwelling unit, each the individual dwelling unit shall be equipped with smoke alarms as required for new dwellings. EXCEPTIONS: 1. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, the addition or replacement of windows or doors, or the addition of a porch or deck are exempt from the requirements of this section. 2. Installation alteration or repairs of plumbing, electrical or mechanical systems are exempt from the requirements of this section.										
	Smoke Alarms and Heat	R314.2.3	NA		Keep Existing		Target Location R310 2 3				

Commented [DC2]: Not a model code language change. Suggestion for inclusion of new model language for amendment language.

WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
	R314.2.3 New attached gas located under new and exis EXCEPTION: Heat detectors and heat alarms shi	rages. A heat detect ting dwellings. Heat all not be required in dwe	or or heat alarm rated detectors and heat al	I for the ambient outdoor temperatures an arms shall be installed in a central locatio	d humidity shall be installe n and in accordance with t	ed in new garages that are the manufacturer's instru	eattached to or otions.			
	Smoke Alarms and Heat Detection	R314.3	R310.3		Modify Existing Amendment		Proposal Needed. Incorporate Model Language Change.			
	R314.3 Location. Smoke al. 1. In each sleeping r 2. Outside each sep 3. On each additions with split levels and the lower level is les 4. Smoke alarms show prevent placement of 5. In napping areas if 6. In the hallway and inches (610 mm) or 7. Within the room to	arms shall be install oom. arate sleeping area i al story of the dwellir without an interveni as than one full story all be installed not le of a smoke alarm rec n a family home chil d in the room open to more. o which a sleeping lo	ed in the following loc n the immediate vicin ng unit, including base ng door between the a below the upper level ess than 3 feet (914 m quired by Section R314 d care. the hallway in dwelli	eations: hity of the bedrooms. hements and habitable attics but not includ adjacent levels, a smoke alarm installed o l. m) horizontally from the door or opening o 4.3. ng units where the ceiling height of a room ediate vicinity of the sleeping loft.	ling crawl spaces and unin n the upper level shall suff f a bathroom that contains open to a hallway serving	habitable attics. In dwelli ice for the adjacent lower a bathtub or shower unle bedrooms exceeds that c	ngs or dwelling units `level provided that ess this would of the hallway by 24			
	Smoke Alarms and Heat Detection	R314.4	R310.4		Keep Existing Amendment					
	interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual <i>dwelling unit</i> . Where an accessory <i>dwelling unit</i> is created within an existing <i>dwelling unit</i> all required smoke alarms, in the accessory <i>dwelling unit</i> and the primary <i>dwelling unit</i> , shall be interconnected in such a manner that the actuation of one alarm will activate all alarms in both the primary <i>dwelling unit</i> and the accessory <i>dwelling unit</i> . Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm. EXCEPTION: Smoke alarms installed to satisfy Section R314.4.1 shall not be required to be interconnected to existing smoke alarms where such existing smoke alarms are not interconnected or where such new smoke alarm or alarm									
	Smoke Alarms and Heat Detection	R314.4.1	NA		Keep Existing Amendment		Target Location R310.4.1			
	R314.4.1 Heat detection in alarms that are installed for	terconnection. Hearthis purpose shall b	at detectors and heat a e located in a hallway	alarms shall be connected to an alarm or a /. room. or other location that will provide (a smoke alarm that is insta occupant notification.	lled in the <i>dwelling</i> . Alarn	ns and smoke			
	Smoke Alarms and Heat Detection	R314.6	R310.6		Keep Existing Amendment					
	Detection Amendment R314.6 Power source. Smoke alarms, heat alarms, and heat detectors shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. EXCEPTIONS: 1. Smoke alarms shall be permitted to be battery operated where installed in buildings without commercial power. 2. Smoke alarms installed in accordance with Section P314.2.2.0210.2.2 shall be permitted to be battery operated.									
<u>51-51-0315</u>	Carbon Monoxide Alarms	R315.2	R311.2		Keep Existing Amendment					
	R315.2 Where required. Ca	arbon monoxide alar	ms shall be provided	in accordance with Sections R315.2.1 R31	1.2.1 and R315.2.2 R311.2	2.2.	1			
	Carbon Monoxide Alarms	R315.2.1	R311.2.1		Amendment					
	R315.2.1 New construction. For new construction, an approved carbon monoxide alarms shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units and on each level of the dwelling in accordance with the manufacturer's recommendation. Provided in dwelling units where either or both of the following conditions exist. 1.—The dwelling unit contains a fuel-fired appliance. 2.—The dwelling unit has an attached garage with an opening that communicates with the dwelling unit.									
	Carbon Monoxide Alarms	R315.2.2	R311.2.2		Keep Existing Amendment					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	R315.2.2 Alterations, repair alterations, repairs, or addit the individual dwelling unit of EXCEPTION: 1. 1. Work involving only the requirements of this sect 2. Installation, alteration or 3. Owner occupied circle of	irs, and additions. E tions requiring a perr shall be equipped wi e exterior surfaces of dwe' ion. repairs of nonfuel burning	Existing dwellings shal nit occur, or where or th carbon monoxide a llings, such as the replacem g plumbing or mechanical s	Il be equipped with carbon monoxide alarr ne or more sleeping rooms are added or cr alarms located as required for new dwellir nent of roofing or siding, or the addition or replaceme systems or electrical systems are exempt from the ins	ms in accordance with Sec reated. Where alterations, ngs. ent of windows or doors, or the ac spection requirements of this sect	tion R315.2.1. An inspect repairs or additions requin Idition of a porch or deck, is exer ion. plumbing systems.	ion will occur where ing a permit occur, npt from the inspection					
	Carbon Monoxide Alarms	R315.3	R311.3		Keep Existing Amendment							
	R315.3 Location. Carbon m the dwelling and in accorda alarm shall be installed with	nonoxide alarms in dr nce with the manufa nin the bedroom.	welling units shall be acturer's recommenda	installed outside of each separate sleepin ations. Where a fuel burning appliance is ៤	ng area in the immediate vi ocated within a bedroom c	cinity of the bedrooms an or its attached bathroom,	<mark>d on each level of</mark> a carbon monoxide					
<u>51-51-03240</u>	Solar Energy Systems	R324.3	R329.3		Keep Existing Amendment							
	R324.3 Photovoltaic system R104.11 alternative materia designed and installed in ac Systems connected to the u 70. EXCEPTION: Detached, nonhabitable Group U s	324.3 Photovoltaic systems. Installation, modification, or alteration of solar photovoltaic power systems shall comply with this section and the <i>International Fire Code</i> . Section 104.11 alternative materials and methods of this code shall be considered when approving the installation of solar photovoltaic power systems. Photovoltaic systems shall be esigned and installed in accordance with Sections R324.3.1 through R324.6 R324.7.1 and chapter 19.28 RCW. Inverters shall be listed and labeled in accordance with UL 1741. ystems connected to the utility grid shall use inverters listed for utility interaction. The electrical portion of solar PV systems shall be designed and installed in accordance with NFPA 0. (CEPTION: etached, nonhabitable Group U structures shall not be subject to the requirements of this section for structural and fire safety.										
	Solar Energy Systems	R324.4	R329.4		Modify Existing Amendment		Proposal Needed. Suggest removing amendment referencing R907.					
	R324.4 Rooftop-mounted p with Section R907 this secti EXCEPTION: The roof structure sha 1. The solar photovoltaic pa 2. The ground snow load dc 3. The total dead load of mc 4. Photovoltaic modules are 5. Supports for solar modul	ohotovoltaic system on. all be deemed adequate to inel system shall be desigr pes not exceed 70 pounds odules, supports, mountin e not mounted higher thar les are to be installed to sr	1s. Rooftop-mounted o support the load of the ro- ned for the wind speed of the per square foot (3.35 kPa). igs, raceways, and all other in 18 inches (457 mm) above pread the dead load arross	photovoltaic panel systems installed on o oftop solar photovoltaic system if all of the following he local area, and shall be installed per the manufactu appurtenances weigh no more than 4 pounds per sq e the surface of the roofing to which they are affixed. as many roof-framing members as needed so that r	requirements are met: urer's specifications. uare foot (19.5 kg/m2).	hall be designed and inst	alled in accordance					
	Solar Energy Systems	R324.7.1	R329.8.1		Keep Existing Amendment							
	R324.7.1 This section is not	adopted. Ground-m	ounted photovoltaic	systems shall be subject to the fire separa	tion distance requirement	s determined by the local	jurisdiction.					
<u>51-51-0326</u>	Habitable Attics	R326.1	R316.1		Keep Existing Amendment		Renumber referenced sections to R316					
	R326.1 General. Habitable EXCEPTION: Lofts in dwelling units and sleeping	attics shall comply w	vith Sections R326.1 f	R326.2 R316.2 through and R326.4 R326.3 3, subject to the limitations in Section R333.1.	R316.3.							
<u>51-51-0327</u>	Swimming Pools, Spas, and Hot Tubs	R327.1	R328.1		Modify Existing Amendment		Proposal Needed. Suggest removing reference to 2021 Version of ISPSC					
	 R327.1 General. The design Code, if the facility is one of 1. For the sole use of rule 2. For the sole use of rule 3. Operated exclusivel 	and construction of the following: esidents and invited esidents and invited y for physical therap	swimming pools, and guests at a single-fan guests of a duplex ow y or rehabilitation and	Hspas, and other aquatic recreation facilit nily dwelling; /ned by the residents; or d under the supervision of a licensed medi	ties shall comply with the 2 cal practitioner.	2021 International Swimm	ing Pool and Spa					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
<u>51-51-0328</u>	Energy Storage Systems	R328.2	R330.2		Modify Existing Amendment		Proposal needed. Suggest adding "Energy Storage Systems" back to code section			
	R328.2 Equipment listings EXCEPTIONS: 1. Where approved, repurp ways. 2. Battery systems that are 3. Battery systems less thar	 Energy Storage Systems osed unlisted battery systems an integral part of an election 1 kWh (3.6 megajoules) 	t ems (ESS) shall be <i>lis</i> ems from electric vehicles a tric vehicle are allowed pro	ted and labeled for residential use in acco are allowed to be installed outdoors or in detached sh vided that the installation complies with Section 625.4	ordance with UL 9540. neds located not less than 5 feet (48 of NFPA 70.	1524 mm) from exterior walls, p	roperty lines, and public			
	Energy Storage Systems	R328.12	NA		Keep Existing Amendment		Target Location R330 12			
	R328.12 Commissioning. I 1. Verify that the syste 2. Provide a copy of th 3. Provide a label on th Energy Storage Systems	ESS shall be commis om is installed in acc e manufacturer's ins ne installed system c	sioned as follows: ordance with the appr tallation, operation, n ontaining the contact	roved plans and manufacturer's instructio naintenance, and decommissioning instru information for the qualified maintenance	ns and is operating proper ctions provided with the <i>lis</i> and service providers. Keep Existing	y. s <i>ted</i> system.	Target Location			
	R328.12.1 Installation price commissioning shall be con when the property is transfe	or to closing. Where and ucted as outlined is erred to the owner at	the system is installed n Section R328.12 R3 the closing.	d in a one- or two-family dwelling or townh 30.12, and the builder shall then transfer t	Amendment ouse unit that is owned by he required information in	the builder and has yet to Section R328.12 R330.12	R330.12.1 be sold, to the homeowner			
51-51-0330	Adult Family Homes	R330.1	NA		Keep Existing		Target Section B333 1			
	R330.1 General. This section	on shall apply to all n	ewly constructed adu	lt family homes and all existing single-fam	nily homes being converted	l to adult family homes. T	his section shall not			
	Adult Family Homes	homes licensed by th R330.2	ne state of Washington	n department of social and health services	Repeal Existing Amendment		Editorial. Maintaining a reserved status for the section is not required for the published sode			
	R330.2 Reserved.						published code.			
	Adult Family Homes	R330.3	NA		Keep Existing		Target Section			
	R330.3 Sleeping room class 1. Type S - Where the r 2. Type NS1 - Where o 3. Type NS2 - Where tw	ssification. Each slee neans of egress cont ne means of egress is vo means of egress a	eping room in an adul tains stairs, elevators, s at grade level or a ra pre at grade level or ran	t family home shall be classified as: or platform lifts. mp constructed in accordance with Section mps constructed in accordance with Section	on R330.9 R333.8 is provid ion R330.9 R333.8 are prov	ed. ided.	Target Section			
	Adult Family Homes	R330.4	NA		Amendment		R333.3			
	R330.4 Types of locking devices and door activation. All bedroom and bathroom doors shall be openable from the outside when locked.Every closet shall be readily openable from the inside.Operable parts of door handles, pulls, latches, locks, and other devices installed in adult family homes shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. Pocket doors shall have graspable hardware available when in the closed or open position.The force required to activate operable parts shall be 5.0 pounds (22.2 N) maximum. Required exit doors shall have no additional locking devices.Required exit door hardware shall unlock inside and outside mechanisms when exiting the building allowing reentry into the adult family home without the use of a key, tool or special									
	Adult Family Homes	R330.5	NA		Keep Existing		Target Section			
	R330.5 Smoke and carbon R310 and R315.1 R311.1. A	monoxide alarm re larms shall be install	quirements. All adult ed in such a manner s	I family homes shall be equipped with smo so that the detection device warning is auc	bke and carbon monoxide a dible from all areas of the d	alarms installed as require welling upon activation o	ed in Sections R314 f a single alarm.			
	Adult Family Homes	R330.6	NA		Keep Existing Amendment		Target Section R333.5			



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
	R330.6 Escape windows at height such as steps, raised	nd doors. Every slee I platforms or other c	ping room shall be pro levices placed by the	ovided with emergency escape and rescue openings will be approved as meeting this	windows as required by S requirement.	ection R310 R319. No alte	rnatives to the sill			
	Adult Family Homes	R330.7	NA		Keep Existing Amendment		Target Section R333.6			
	R330.7 Fire apparatus acc requirements of the local ju	ess roads and wate risdiction.	r supply for fire prote	ection. Adult family homes shall be served	l by fire apparatus access r	oads and water supplies i	meeting the			
	Adult Family Homes	R330.8	NA		Keep Existing Amendment		Target Section R333.7			
	R330.8 Grab bar general re according to this section.	equirements. Where	facilities are designa	ted for use by adult family home clients, g	rab bars for water closets, I	bathtubs, and shower stal	ls shall be installed			
	Adult Family Homes	R330.8.1	NA		Keep Existing Amendment		Target Section R333.7.1			
	R330.8.1 Grab bar cross set with noncircular cross sect maximum.	ection. Grab bars wit ion shall have a cross	h a circular cross sec s section dimension c	tion shall have an outside diameter of 1 1/ of 2 inches (50 mm) maximum and a perim	4 inch (32 mm) minimum a eter dimension of 4 inches	and 2 inches (50 mm) max (102 mm) minimum and 4	imum. Grab bars 4 5/8 inches			
	Adult Family Homes	R330.8.2	NA		Keep Existing Amendment		Target Section R333.7.2			
	EXCEPTION: Swing-up grab bars shall not be required to meet the 1 1/2 inch (32 mm) spacing requirement. Grab bars shall have a structural strength of 250 pounds applied at any point on the grab bar, fastener, mounting device or supporting structural member. Grab bars shall not be supported directly by any residential grade fiberglass bathing or showering unit. Acrylic bars found in bathing units shall be removed. Fixed position grab bars, when mounted, shall not rotate, spin or move and have a graspable surface finish									
	Adult Family Homes	R330.8.3	NA		Keep Existing Amendment		Target Section R333 7 3			
	R330.8.3 Grab bars at wate meet the requirements of S bars, regardless of type use	er closets. Water clo ection R330.8 R333. ed. shall be between	osets shall have grab 7. Grab bars shall mo 25 inches (635 mm) n	bars mounted on both sides. Grab bars ca unt between 33 inches (838 mm) and 36 ir ninimum and 30 inches (762 mm) maximu	n be a combination of fixed nches (914 mm) above floo m.	d position and swing-up b r grade. Centerline distan	ars. Grab bars shall ce between grab			
	Adult Family Homes	R330.8.3.1	NA		Keep Existing Amendment		Target Section R333.7.3.1			
	R330.8.3.1 Fixed position	grab bars. Fixed pos	ition grab bars shall b	e a minimum of 36 inches (914 mm) in len	gth and start 12 inches (30	5 mm) from the rear wall.				
	Adult Family Homes	R330.8.3.2	NA		Keep Existing Amendment		Target Section R333.7.3.2			
	R330.8.3.2 Swing-up grab	bars. Swing-up grab	bars shall be a minim	num of 28 inches (711 mm) in length from t	he rear wall.					
	Adult Family Homes	R330.8.4	NA		Keep Existing Amendment		Target Section R333.7.4			
	R330.8.4 Grab bars at bath	tubs. Horizontal and	d vertical grab bars sh	nall meet the requirements of Section R33	0.8 R333.7.	1				
	Adult Family Homes	R330.8.4.1	NA		Keep Existing Amendment		Target Section R333.7.4.1			
	R330.8.4.1 Vertical grab ba 4 inches (102 mm) of the ex (1067 mm) above floor grad EXCEPTION: The required vertical grab bar can	ars. Vertical grab bar terior of the bathtub e. be substituted with a floor	rs shall be a minimum edge or within 4 inch r to ceiling grab bar meetin	n of 18 inches (457 mm) long and installed es (102 mm) within the bathtub. The botto g the requirements of Section R325.8 at the control e	at the control end wall and m end of the bar shall start nd and head end entry points.	l head end wall. Grab bars : between 36 inches (914 i	s shall mount within mm) and 42 inches			
	Adult Family Homes	R330.8.4.2	NA		Keep Existing Amendment		Target Section R333.7.4.2			
	R330.8.4.2 Horizontal grat 33 inches (838 mm) and 36 inches (914 mm) minimum	bars. Horizontal gra inches (914 mm) abo in length.	ab bars shall be provid ove floor grade. Contr	ded at the control end, head end, and the l rol end and head end grab bars shall be 24	back wall within the bathtu inches (610 mm) minimur	b area. Grab bars shall be n in length. Back wall grab	e mounted between bars shall be 36			
	Adult Family Homes	R330.8.5	NA		Keep Existing Amendment		Target Section R333.7.5			



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
	R330.8.5 Grab bars at show R333.7. EXCEPTION: Shower stalls with permanent built the nose of the built-in seat.	ver stalls. Where sh -in seats are not required	ower stalls are provid	ed to meet the requirements for bathing f al grab bars at the seat end wall. A vertical floor to ce	acilities, grab bars shall m eiling grab bar shall be installed w	eet the requirements of Se ithin 4 inches of the exterior of t	ection R330.8			
	Adult Family Homes	R330.8.5.1	NA		Keep Existing Amendment		Target Section R333.7.5.1			
	R330.8.5.1 Vertical grab ba mounted within 4 inches (10 mm) and 42 inches (1067 m	ars. Vertical grab bar D2 mm) of the exteric m) above floor grade	s shall be 18 inches (4 or of the shower stall c o.	457 mm) minimum in length and installed or within 4 inches (102 mm) inside the sho	at the control end wall and wer stall. The bottom end	d head end wall. Vertical b of vertical bars mount bet	ars shall be ween 36 inches (914			
	Adult Family Homes	R330.8.5.2	NA		Keep Existing Amendment		Target Section R333.7.5.2			
	R330.8.5.2 Horizontal grab grade. Horizontal grab bars	bars. Horizontal gra shall be a maximum	b bars shall be instal of 6 inches (152 mm)	led on all sides of the shower stall mounte from adjacent walls. Horizontal grab bars	ed between 33 inches (838 s shall not interfere with sh	mm) and 36 inches (914 r ower control valves.	nm) above the floor			
	Adult Family Homes	R330.9	NA		Keep Existing Amendment		Target Section R333.8			
	R330.9 Ramps. All interior and exterior ramps, when provided, shall be constructed in accordance with Section R311.8 R318.8 with a maximum slope of 1 vertical to 12 horizontal. The exception to Section R311.8.1 is not allowed for adult family homes. Handrails shall be installed in accordance with Section R330.9.1.									
	Adult Family Homes	R330.9.1	NA		Keep Existing Amendment		Target Section R333.8.1			
	R330.9.1 Handrails for ram Sections R311.8.3.1 R318.8	1ps. Handrails shall I .3.1 through R311.8.	be installed on both s 3.3 R318.8.3.3.	ides of ramps between the slope of 1 verti	cal to 12 horizontal and 1	vertical and 20 horizontal	n accordance with			
	Adult Family Homes	R330.10	NA		Keep Existing Amendment		Target Section R333.9			
	R330.10 Stair treads and ri R330.10.1.	sers. Stair treads an	d risers shall be cons	tructed in accordance with Section R311.	7.5 R318.7.5. Handrails sh	all be installed in accorda	nce with Section			
	Adult Family Homes	R330.10.1	NA		Keep Existing Amendment		Target Section R333.9.1			
	R330.10.1 Handrails for tre accordance with Sections F	eads and risers. Har 311.7.8.1 R318.7.8.	ndrails shall be install 1 through R311.7.8.4	ed on both sides of treads and risers num R318.7.8.4.	bering from one riser to mu	ultiple risers. Handrails sh	all be installed in			
	Adult Family Homes	R330.11	NA		Keep Existing Amendment		Target Section R333.10			
	R330.11 Shower stalls. Wh by 48 inches (1219 mm) lon	ere provided to mee g.	t the requirements for	bathing facilities, the minimum size of sh	nower stalls for an adult fai	mily home shall be 30 inch	nes (762 mm) deep			
<u>51-51-0331</u>	Family Home Child Care	R331.1	NA		Keep Existing Amendment		Target Section R334.1			



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	Section R331—Family hon R331.1 Family home child egress. Exterior exit doors s Basements located more th 1. Stairways from th 2. One of the two rea stair leading to the f 3. One of the two rea exit court; or 4. An automatic resi Floors located more EXCEPTION: 1. Use of toilet facilities whil 2. Family home child care m 2.1. Stairways from 2.2. One of the two 2.3. An automatic rea EVCEPTION: Sleeping or napping rooms having Smoke alarms shall be insta	he child care. care. For family hom hall be operable from ian 4 feet below grad e basement open dir quired means of egre loor above; quired means of egre dential sprinkler sys e than 4 feet above gr e under supervision of an iay be allowed on the second the second story open dir required means of egress esidential sprinkler system boom in a family home doors leading to two sepa alled in accordance v	the child care with more on the inside without the e level shall not be us rectly to the exterior of ess discharges directly ess is an operable win tem shall be designed rade level shall not be adult staff person; and story if one of the follow ectly to the exterior of the follow externation of the follow exter	e than six children, each floor level used for the use of keys or any special knowledge or sed for family home child care unless one of f the building without entering the first floor y to the exterior from the basement level, a dow or door, approved for emergency esc d and installed in accordance with Section occupied by children in family home child wing conditions exists: building without entering the first floor; exterior from the second story level, and a self-closing alled in accordance with Section P2904 or NFPA 13D. at least one operable window for emergen door leading directly to the exterior of the building. to f new construction per Section R314 R3	or family child care purpos effort. of following conditions exis or; and a self-closing door is in ape or rescue, that opens P2904 or NFPA 13D. d care. g door is installed at the top or bo ncy rescue. 10. In addition to the requi	ses shall be served by two st: nstalled at the top or botto directly to a public street, ttom of the interior stair leading red smoke alarms, a heat	remote means of om of the interior public alley, yard or to the floor below; or alarm shall be				
	Family Home Child Care R331.2 NA Keep Existing Amendment Target Section										
	R331.2 Additional requirer	nents for family hor	ne child care with th	irteen to sixteen children. In addition to t	the requirements of Section	on 331.1 R334.1 the provis	ions of this section				
	Family Home Child Care	R331.2.1	NA		Keep Existing Amendment		Target Section R334.2.1				
	R331.2.1 Illumination in th of building power supply sh	e event of power fai all be installed at all	i lure. In addition to ill interior stairs serving	umination requirements of Section R311.7 child care areas.	7.9 R318.7.10, an artificial	light source that activates	upon termination				
	Family Home Child Care	R331.2.2	NA		Keep Existing Amendment		Target Section R334.2.2				
	R331.2.2 Exterior exit door	s serving child care	areas. Exterior exit d	oors serving child care areas shall comply	with the requirements of	Sections R311.2 R318.2 a	nd R311.3 R318.3.				
	Family Home Child Care	R331.3	NA		Keep Existing Amendment		R334.3				
	R331.3 Sprinklers. An auto EXCEPTION: Subject to approval of 1. Child care areas are locat 2. Each room used for child R318.3 but need not com	matic residential spr the code official, a sprinkle ed on a floor within 4 feet care shall have a door cor ply with Section R311.3.1	inkler system shall be er system is not required w of grade level; npliant with Section R311.2 R318.3.1.	e designed and installed in accordance with here all of the following conditions are met: R318.2 and R311.3 R318.3, leading directly to the ext	th Section P2904 or NFPA	13D. r landing at the door shall compl	y with Section R311.3				
<u>51-51-0332</u>	Protection Against Radon	R332.1	NA		Keep Existing		Target Section B335 1				
	 Amendment Amendment R335.1 Section R332—Protection against radon. R332.1 Protection against radon. The radon control provisions of Appendix F of this code shall apply to buildings constructed in high radon potential counties (zone 1) designated in Table AFBE101(1). The radon control provisions of Appendix F BE of this code shall also apply to all buildings constructed using the provisions of Section R408.3 Unvented crawl space compliance method 										
51-51-0333	Lofts	R333.1	R315.1		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code.				



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	Section R333 R315—Sleep R333.1 General. Where pro Lofts constructed in compli code. EXCEPTION: sleeping Lofts need no 1. The sleeping loft has a m 2. The sleeping loft has a flo 3. The sleeping loft is not pr	ing Lofts. wided in dwelling uni ance with this section of comply with Section R3: aximum depth of less than for area of less than 35 sque ovided with a permanent	ts or sleeping units, s on shall be considered 33 R315 where they meet a n 3 feet (914 mm). uare feet (3.3 m2). means of egress.	leeping lofts shall comply with this code a d a portion of the story below. Such sleepir ny of the following conditions:	ns modified by Sections R3 ng lofts shall not contribute	33.1 R315.2 through R333 e to the number of stories	3.5 R315.5. Sleeping as regulated by this				
	Lofts	R333.2	R315.2		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code.				
	R333.2 R315.2 Sleeping Lo 1. The sleeping loft floo 2. The sleeping loft cei The provisions of Sectio	ft limitations. sleep or area shall be less t ling height shall not o ns R333.3 R315.3 th	ing Lofts shall comply than 70 square feet (6 exceed 7 feet (2134 m rrough R333.5 R315.5	y with the following conditions: 5.5 m2). Im) for more than one half of the sleeping l shall not apply to lofts that do not comply	loft floor area. with Items 1 and 2 of this	section.					
	Lofts	R333.3	R315.3		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code.				
	R333.3 R315.3 Sleeping Loft ceiling height. The ceiling height below a the sleeping loft floor construction shall not be less than 7 feet (2134 mm). The ceiling height above the finished floor of the sleeping loft shall not be less than 3 feet (914 mm). Portions of the Spaces adjacent to the sleeping loft with a sloped ceiling measuring less than 3 feet (914 mm) from the finished floor to the finished ceiling shall not contribute to the sleeping loft floor area.										
	Lofts	R333.4	R315.4		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code				
	R333.4 R315.4 Sleeping Lo EXCEPTION: The area of a single sleeping loft lo located provided that no other sleeping	ft area. The aggregat	te area of all sleeping	lofts and mezzanines within a room shall of the system in accordance which the sleeping loft is located	comply with Section R325. vith Section P2904 shall not be gre	3 R314.3. eater than two-thirds of the area	of the room in which it is				
	Lofts	R333.5	R315.5		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code.				
	R333.5 R315.5 Permanent by Section R333.5.1 R315.5	egress for sleeping .1 through R315.5.3.	lofts. Where a perma	nent means of egress is provided for lofts,	, the means of egress shal	l comply with Section R31	1 R318 as modified				
	Lofts	R333.5.1	R315.5.1		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code.				
	R333.5.1 R315.5.1 Ceiling egress from the sleeping lot	height at <mark>sleeping lc</mark> t.	oft means of egress.	A minimum ceiling height of not less than a	3 feet (914 mm) shall be pi	rovided for the entire widt	h of the means of				
<u>51-51-0334</u>	Stationary Fuel Power Systems	R334.1	R332.1		Repeal Existing Amendment		Proposal Needed. See Significant Change report. New Language added to model code.				
	Section R334 R332—Static R334.1 R332.1 General. Sta	onary fuel cell powe ationary fuel cell pow	r systems. ver systems in new an HAPTER 4 FOUNDAT	d existing buildings and structures shall constructions (Part III Building Planning and Cons	omply with Section 1206 o	f the International Fire Co	ode.				



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
<u>51-51-0403</u>	Footings	R403.1.1	R403.1.1		Modify Existing Amendment		Proposal Needed. Incorporate Model Language Change
	R403.1.1 Minimum size. Th R403.1.3, as applicable, bu accordance with Table R40 fireplaces shall be in accord with Table R401.4.1. Footin foundation shall be in accord foundations shall be in accord EXCEPTION: Light-frame construction shall be p	ne minimum width, W t not less than 12 inc 1.4.1. Footing projec dance with Section R gs for wood foundati rdance with the deta ordance with Section ermitted to have minimur	V, and thickness, T, fo thes (305 mm) in width tions, P, shall be not l 1001. The size of foot ons shall be in accord ils set forth in Section 1 R403.5.	r concrete footings shall be in accordance h and 6 inches (152 mm) in depth. The foo .ess than 2 inches (51 mm) and shall not e ings supporting piers and columns shall b dance with the details set forth in Section I a R403.4, Table R403.4, and Figures R403.4	e with Tables R403.1(1) thro ting width shall be based o xceed the thickness of the e based on the tributary lo R403.2, and Figures R403.4 4(1) and R403.4(2). Crushe of that determined by Table R403	ough R403.1(3) and Figure on the load-bearing value of footing. Footing thickness ad and allowable soil press 1(2) and R403.1(3). Footin d stone footings for cast-i	R403.1(1) or of the soil in and projection for ssure in accordance gs for precast n-place concrete
	Footings	F R403.1.1(1)	F R403.1.1(1)		Keep Existing Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
			Alternative Minim	Figure R403.1.1(1) um Footing Size for Light-Frame Construc 20 PSE Snow Load	tion a,b,c,d,e,f,g,h,i		
	636 STEL	1 WALL (20 prf Snow)					
	Ex120 BASEM	ENT WALL (20 psf Snow) ENT WALL (20 psf Snow)					
	Notes: a. The minimum footing size wall = 8 inches × 120 inch b. Use tributary span of floo c. Add 4 feet to tributary flo d. Multiply floor span by 1.2 e. Multiply footing width by f. Dashed line may be used g. Use footing size indicated h. For span combinations al i. Interpolation between for	e is based on the following es. Total load (TL) equal to r and roof. Figure may be or span for each wood-fra 5 for interior footings sup (1500 psf/capacity) for soi for interior footing size or l on line above the span co bove the upper line, a desi ting sizes is allowed. Extr	g assumptions: Material wei o the maximum of three loa used to size exterior and in med wall above first level (i porting continuous joists. I capacity other than 1500 p hly. ombination used. gn professional is required. apolation is not allowed.	ghts per Section R301.2.2.2.1 and soil density = 120 p d combinations: LC1=D+L, LC2=D+S and LC3=D=0.75(terior footings. .e., 4 feet for 2-story, 8 feet for 3-story) psf. See Section R403.1.1 for thickness.	ocf. Wood-framed walls = 10 foot; (L+S), where D=dead load, L=live l	crawlspace stem wall = 6 inches oad, S=snow load. TL=max (LC1,	× 36 inches; basement LC2, LC3).
	Footings	F R403.1.1(2)	F R403.1.1(2)		Keep Existing Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments							
			Alternative Minim	Figure R403.1.1(2) um Footing Size for Light-Frame Construc 30 PSF Snow Load	tion a,b,c,d,e,f,g,h,i									
	Exterior = solid Exterior = solid there is a large in the solid interior int	Determined and the second and the												
	Rex120 BASEMENT 54 52 54 54 55 52 54 54 55 52 52 54 54 55 52 52 54 54 54 55 54 54 54 55 54 54	WALL (30 pd Snow) WALL (30 pd Snow)	36 40											
	Notes: a. The minimum footing size wall = 8 inches × 120 inch b. Use tributary span of floo c. Add 4 feet to tributary flo d. Multiply floor span by 1.2 e. Multiply footing width by f. Dashed line may be used g. Use footing size indicated h. For span combinations at i. Interpolation between foo	e is based on the following es. Total load (TL) equal to r and roof. Figure may be or span for each wood-fra 5 for interior footings sup (1500 psf/capacity) for soi for interior footing size of l on line above the span co bove the upper line, a desi oting sizes is allowed. Extr	g assumptions: Material wei o the maximum of three loa used to size exterior and in med wall above first level (i porting continuous joists. I capacity other than 1500 p hly. ombination used. gn professional is required. apolation is not allowed.	ghts per Section R301.2.2.2.1 and soil density = 120 p d combinations: LC1=D+L, LC2=D+S and LC3=D=0.75(iterior footings. .e., 4 feet for 2-story, 8 feet for 3-story). psf. See Section R403.1.1 for thickness.	ocf. Wood-framed walls = 10 foot; (L+S), where D=dead load, L=live l	crawlspace stem wall = 6 inches oad, S=snow load. TL=max (LC1,	× 36 inches; basement LC2, LC3).							
	Footings	F R403.1.1(3)	F R403.1.1(3)		Keep Existing Amendment									



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
				Figure R403.1.1(3)		•	•
			Alternative Mi	inimum Footing Size for Light-Frame Cons	truction a,b,c,d,e,f,g,h,i		
				50 PSF Snow Load			
	6x36 STEM W	ALL (50 psf Snow)	N. C.				
	54		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	40	1. 40					
	44	1000					
	£ 40	they are					
	17 The second se	1 Maria					
	100 m	344					
	Total						
	10						
		11 AV					
	Exterior = solid I Terior = dashed						
	C I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I	20 34 20 32	36 40				
	inou	ary nooi span (rt)					
	8x120 BASEMEN	T WALL (50 pst Snow)					
	60 . 56 .						
	52						
	48						
	£40						
	100 X						
	No. 22						
	1 24	1000					
	10 10 10 10 10 10 10 10 10 10 10 10 10 1						
	14.70	XXM					
		N. X. V 111.					
	o 4 n i2 14 Tribut	20 24 20 52 ary Rool Span (ft)	36 40				
	Notori						
	Notes:	e is based on the following	assumptions: Material wei	ights per Section R301 2 2 2 1 and soil density = 120 r	ocf_Wood-framed walls = 10 foot:	crawlspace stem wall = 6 inches	x 36 inches: basement
	wall = 8 inches × 120 inch	es. Total load (TL) equal to	the maximum of three loa	d combinations: $LC1=D+L$, $LC2=D+S$ and $LC3=D=0.75$	(L+S), where D=dead load, L=live	load, S=snow load. TL=max (LC1,	LC2, LC3).
	b. Use tributary span of floo	r and roof. Figure may be	used to size exterior and ir	nterior footings.			
	c. Add 4 feet to tributary flo	or span for each wood-fra	med wall above first level (i	i.e., 4 feet for 2-story, 8 feet for 3-story).			
	e. Multiply footing width by	(1500 psf/capacity) for soi	l capacity other than 1500 r	osf. See Section R403.1.1 for thickness.			
	f. Dashed line may be used	for interior footing size or	nly.				
	g. Use footing size indicated	l on line above the span co	ombination used.				
	n. For span combinations at	pove the upper line, a design of the stress of the stress is allowed. Extra	ign protessional is required				
	interpolation between lot	Sting Sizes is anowed. Extr	apolation is not allowed.				
	Footings	E R/03 1 1//)	E R/03 1 1//)		Keep Existing		
	i ooungs	1 1(+03.1.1(4)	1 11403.1.1(4)		Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
			Alternative Minim	Figure R403.1.1(4) num Footing Size for Light-Frame Construc 70 PSE Snow Load	tion a,b,c,d,e,f,g,h,i							
				70 PSF Show Load								
	Code STEM V											
		20 24 28 32 tary Roof Span (ft)	36 40									
	Notes: a. The minimum footing size is based on the following assumptions: Material weights per Section R301.2.2.2.1 and soil density = 120 pcf. Wood-framed walls = 10 foot; crawlspace stem wall = 6 inches × 36 inches; basemer wall = 8 inches × 120 inches. Total load (TL) equal to the maximum of three load combinations: LC1=D+L, LC2=D+S and LC3=D=0.75(L+S), where D=dead load, L=live load, S=snow load. TL=max (LC1, LC2, LC3). b. Use tributary span of floor and roof. Figure may be used to size exterior and interior footings.											
	e. Multiply footing width by f. Dashed line may be used	(1500 psf/capacity) for so for interior footing size of	il capacity other than 1500 j nly.	ost. See Section R403.1.1 for thickness.								
	g. Use footing size indicatedh. For span combinations ati. Interpolation between for	l on line above the span of pove the upper line, a des oting sizes is allowed. Extr	ombination used. ign professional is required apolation is not allowed.									
<u>51-51-0408</u>	Under Floor Space	R408.1	R408.1		Keep Existing							
	R408.1 Ventilation Moistur have ventilation openings th within crawl spaces. The gro EXCEPTION: The ground cover may be omitted i	re Control. The unde nrough foundation w ound cover shall be o in crawl spaces if the craw	er-floor space betwee alls or exterior walls. / overlapped 6 inches (1 I space has a concrete slab	n the bottom of the floor joists and the ear A ground cover of six mil (0.006 inch thick) 152 mm) minimum at the joints and shall e floor with a minimum thickness of 2 inches (51 mm).	th under any building (exc black polyethylene or app extend to the foundation w	ept space occupied by a b roved equal shall be laid all. comply with R408.2 o	asement) shall over the ground r R408.3					
	Under Floor Space	R408.2	R408.2		Keep Existing Amendment							



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments						
	R408.2 Openings for under	-floor ventilation. ₩	entilation openings th	hrough foundations or exterior walls surro	unding the under-floor spa	ce shall be provided in ac	cordance with this						
	section. The minimum net a	rea of ventilation op	enings shall be not be	less than 1 square foot (0.0929 m ²) for ea	ich 300 <mark>-150</mark> square feet (28	14 m²) of under-floor area	a. Required						
	openings shall be evenly pla	aced to provide cross	ventilation of the spa	ace except one side of the building shall b	e permitted to have no ven	tilation openings. One ve i	ntilation opening						
	shall be within 3 feet (915 m	m) of each external	corner of the under-flo	por space. Ventilation openings shall be c	overed for their height and	width with any of the follo	owing materials						
	provided that the least dime	ension of the covering	g shall not exceed 1/4	inch (6.4 mm), and operational louvers a	re permitted:	-	-						
	1. Perforated sheet me	etal plates not less th	- ian 0.070 inch (1.8 mr	n) thick.									
	2. Expanded sheet me	tal plates not less th	an 0.047 inch (1.2 mm) thick.									
	3. Cast-iron grill or gra	ting.											
	4. Extruded load-beari	ng brick vents.											
	5. Hardware cloth of 0	0.035 inch (0.89 mm)	wire or heavier.										
	6. Corrosion-resistant wire mesh, with the least dimension being 1/8 inch (3.2 mm).												
	EXCEPTION:												
	1. The total area of ventilation openings shall be permitted to be reduced to 1/1,500 of the under-floor area where the ground surface is covered with an approved Class I vapor retarder material and the required openings												
	are placed to provide cro	ss ventilation of the space	. The installation of operabl	e louvers shall not be prohibited. If the installed vent	tilation is less than 1/300, or if ope	erable louvers are installed, a rac	Ion vent shall be installed						
	2 Where the ground surface	e is covered with an appro	ved Class 1 vanor retarder	man be installed in accordance with the requirements	within 3 feet (915 mm) of each ex	s coue. (ternal corner of the under-floor	space provided that the						
	openings are placed to pl	ovide cross ventilation of	the space.										
	Under Floor Space	R408 3	R408 3		Keep Existing								
		11400.0	1400.0		Amendment								
	R408.3 Unvented crawl sp	ace. Ventilation oper	nings in for unvented (under-floor spaces specified in Section R4	408.2 the following shall no	ot be required where be pr	ovided:						
	1. Exposed earth is sha	all be covered with a	continuous Class I va	por retarder. Joints of the vapor retarder s	shall overlap by 6 inches (1	52 mm) and shall be seale	ed or taped. The						
	edges of the vapor r	etarder shall extend	at least not less than (6 inches (152 mm) up the stem wall and s	hall be attached and seale	d to the stem wall or insu	ation ; and a radon						
	system shall be inst	alled that meets the	requirements of Appe	endix AF BE (Radon) of this code.									
	2. One of the following	shall be provided fo	r the underfloor space	;;									
	2. 2.1 Continuously op	erated mechanical e	xhaust ventilation <mark>is</mark> p	provided at a rate equal to 1 cubic foot per	minute (0.47 L/s) for each	50 square feet (4.7 m2) o	i crawlspace floor						
	area including an ai	r pathway to the com	mon area (such as a c	duct or transfer grille), and perimeter wall	s insulated in accordance v	with Section N1102.2.10.	l of this code .						
	Exhaust ventilation	shall terminate to the	e exterior.										
	EXCEPTION:	his suith Casties M1C01	с.: С										
	2.2 Conditioned air supply si	red to deliver at a rate equ	s, il under-lioor space is us	ed as a pienum. <u>e (0.4717s) for each 50 square feet (4.7 m²) of under</u>	floor area including a return path	way to the common area (such a	as a duct or transfer						
	grille), and perimeter wal	ls insulated in accordance	with N1102.2.10.1 of this co	ode.									
	2.3 Plenum in existing struct	ures complying with Sectio	n M1601.5, if under-floor s	pace is used as aplenum.									
	2.4 Dehumidification sized in	accordance with manufac	turers specifications.										
	Under Floor Space	R408.8	R408.8		Keep Existing Amendment								
	R408.8 Under-floor vapor retarder. This section is not adopted. In Climate Zones 1A, 2A and 3A below the warm-humid line, a continuous Class I orll vapor retarder shall be provided												
	on the exposed face of air-permeable insulation installed between the floor joists and exposed to the grade in the under-floor space. The vapor retarder shall have a maximum water												
	vapor permeance of 1.5 per	ms when tested in a	ccordance with Proce	dure B of ASTM E96.									
	Exception: The vapor retard	er shall not be requir	ed in unvented crawl	spaces constructed in accordance with S	ection R408.3								
	CHAPTER 5 FLOORS (Part III Building Planning and Construction)												
<u>51-51-0507</u>	Exterior Decks	T R507.3.1	T R507.3.1		Keep Existing Amendment								



WAC	Title or Subject 20			2021 IRC	;#	2024 IF	RC #	Rationale				2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
									TABLE	R507.3.1				
								MINIMU	1 FOOTIN	G SIZE FOF	DECKS			
					L	OAD-BEARI	NG VALUE OF	SOILSacd (p	sf)]		
	LIVE OR	LIVE OR 1500e 2000e							≥ 3000e					
	GROUND		Side of a	Diameter of		Side of a	Diameter of		Side of a	Diameter of				
	SNOW	TRIBUTARY	square	a round		square	a round	L	square	a round				
	LOAD	AREA	footing (inchos)	footing (inchos)	Thicknesst (inchos)	footing (inchos)	footing (inchos)	Thicknessf	footing (inchos)	footing (inchos)	Thickness	r		
	60 Live or	5	7	8	6	7	8	6	7	8	6	-		
	70	70 20 12 14 6 11					13	6	9	10	6	-		
	Ground	Ind 40 18 20 6 15						6	12	14	6	-		
	Snow	60	21	24	8	19	21	6	15	17	6	-		
	Load	80	25	28	9	21	24	8	18	20	6	7		
		100	28	31	11	24	27	9	20	22	7			
		120	30	34	12	26	30	10	21	24	8			
		140	33	37	13	28	32	11	23	26	9			
		160	35	40	15	30	34	12	25	28	9			
	For SI: 1 inc	ch = 25.4 mm,	1 square f	oot = 0.0929 m2	, 1 pound pe	er square foc	ut = 0.0479 kPa							
	a. Ir b R	nterpolation p	ermitted, e	xtrapolation no	t permitted.									
	c. F	ooting dimens	sions shall	allow complete l	pearing of th	e post.								
	d. If	the support i	s a brick or	CMU pier, the f	ooting shall I	have a minin	num 2-inch pro	ojection on al	l sides.					
	e. A	Area, in square feet, of deck surface supported by post and footings.												
	f. N	f. Minimum thickness shall only apply to plain concrete footings,												Duan a al Na ada d
	Exterior Decks R507 / R507 /						7 /					Repeal Existing		Proposal Needed.
	Exterior Decks R507.4 R507.4					.4					Amendment		code language.	
	R507.4 Deck posts. For single-level decks, wood post size shall l					hall be in a	ccordance	with Tab	le R507.4.				eese language.	
	Ex	07.4 Deck posts. For single-level decks, wood post size sha Exterior Decks T R507.4 T R507.4												



WAC	Title or Subject 2021 IRC #			2024 IRC # Rationale								2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
		L. L					TABLE	R507.	.4		•			
								DE	СК РО	IGHT				
					т			(sa ft)						
				20	40	60	80	100	120	140	160			
	LOADSb (psf)	POST SPECIE	Sc POST SIZEd		MAXIMUM	DECK	POST HEIG	HTa (fee	t-inches					
	60 Live Load,	Douglas Fire, H	em- 4 x 4	14-0	10-10	8-7	7-0	5-8	4-1	NP	NP			
	≤60 Ground Snow	fire, SPFe	4 x 6	14-0	13-10	11-1	9-5	8-2	7-3	6-4	5-4			
	Load		6 x 6	14-0	14-0	14-0	14-0	14-0	13-3	10-9	6-11			
			8 x 8	14-0	14-0	14-0	14-0	14-0	14-0	14-0	14-0			
		Redwoodf, Wes	tern 4 x 4	14-0	10-3	7-0	NP	NP	NP	NP	NP			
		Pipet Red Pir	rosa 4x6	14-0	13-6	10-6	8-4	5-10	NP	NP	NP			
		Thicl, Red Th	6×6	14-0	14-0	14-0	14-0	11-11	NP	NP	NP			
	70 Cround Crow	Deuglas Fir. 11	8 X 8	14-0	14-0	7 1 1	14-0	14-0	14-0	14-0 ND	14-0			
	70 Ground Snow	Douglas Fire, H	em- 4 x 4	14-0	10-1	10.2	6-6	5-3	3-7	NP 5 10	NP 4.11			
	Loud	inc, sirie	4 X 0	14-0	14-0	14-0	1/1-0	1/-/	12-2	0_0	4-11 5-0			
			8 x 8	14-0	14-0	14-0	14-0	14-0	14-0	14-0	14-0			
		Redwoodf Wes	tern 4x4	14-0	9-5	6-5	NP	NP	NP	NP	NP			
		Cedarsf, Ponde	rosa 4 x 6	14-0	12-6	9-8	7-7	5-3	NP	NP	NP			
		Pinef, Red Pir	nef 6 x 6	14-0	14-0	14-0	14-0	10-8	NP	NP	NP			
		8 x 8	14-0	14-0	14-0	14-0	14-0	14-0	14-0	14-0				
	 a. Measured b. 10 psf de c. No. 2 gra d. Notched e. Includes i f. Incising fa g. Area, in s h. Interpola 	a from the under ad load. Snow loa de, wet service fa deck posts shall I incising factor. actor not include quare feet, of de tion permitted. E	side of the beam to to ad not assumed to be ictor included. De sized to accommod d. ck surface supported l xtrapolation not perm	p of footing c concurrent w ate beam size by post and fo itted.	ri pier, ith live load, e in accordan poting,	ce with	n Section R5	07.5.2.						
	Exterior [Decks	R507.5	I	R507.5							Modify Existing Amendment		Proposal Needed. Incorporate New Model Language + Suggest breaking tables not adopted into individual lines
	R507.5 Deck beams. Maximum allowable spans for wood deck beat cantilever length as shown in Figure R507.6. Beam plies shall be fast each edge. Beams shall be permitted to cantilever at each end up to accordance with accepted engineering practices. Tables R507.5(1) through R507.5(4) are not adopted.					ams, stene to one	, as show ed togeth e-fourth c	n in Fig er with of the a	ure R50 two rov ctual b)7.5, sł ws of 1 eam sp	hall be in 0d (3-inc pan. Decl	accordance with Table R50 h × 0.128-inch) nails minim k beams of other materials s	7.5 and based on the joist um at 16 inches (406 mm) shall be permitted where o	span length and on center along designed in
	Exterior [Decks	T R507.5	Т	R507.5							Keep Existing Amendment		



WAC	Title or Subject	2021	IRC #	2	024 IRC #	ŧ		Ration	ale		2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
		1						TABLE F	8507.5 AN - 60 PSE I		or		
							70	PSF GROUND	SNOW LOA	D ^c			
				E	FFECTIVE	DECK JO	IST SPAN LEN	GTH ^{a,I}]			
						(fe	et)						
		BEAM SIZE ^e	6	8	10	12	14	16	18				
				M	ΑΧΙΜυΜΙ	DECK BE	AM SPAN LEN	GTH ^{a,b,f}					
	BEAM SPECIES"	1.2	2.5	2.10	2.5	(feet-	inches)	1.10	1.0				
	Douglas fir-larch⁵, Hem-fir§	1-2×6	3-5	2-10	2-5	2-2	2-0	1-10	1-9				
	Spruce-pine-fir ^g	1-2×8	4-7 E 0	3-8	3-2	2-1	0 2-7	2-5	2-4	_			
		1.2×10	5-0	4-9 E 0	4-1 E 0	5-0	5 5-4	2 10	2-11	_			
		2.2×6	0-7 5-2	-0-C	3-0	4-0	2 1	2 10	27				
		2-2×0	6-11	4-0 6-0	4-0 5-3	4-7	7 3-1 7 A-1	2-10	2-7				
		2-2×0	8-5	7-4	6-6	5-1	0 5-2	<u> </u>	4-5	_			
		2-2×10	9-10	8-6	7-7	6-1	1 6-4	5-9	5-4				
		3-2×6	6-6	5-7	5-0	4-7	4-2	3-9	3-5	-			
		3-2×8	8-8	7-6	6-8	6-1	5-6	5-0	4-7	_			
		3-2×10	10-7	9-2	8-2	7-6	6-11	6-4	5-10				
		3-2×12	12-4	10-8	9-7	8-9	8-1	7-7	7-1				
	Redwood ^h , Western	1-2×6	3-6	2-11	2-6	2-3	2-0	1-11	1-9				
	Cedars ^h , Ponderosa Pine ^h ,	1-2×8	4-6	3-10	3-3	2-1	1 2-8	2-6	2-4				
	Red Pine ^h	1-2×10	5-6	4-9	4-2	3-9	3-5	3-2	3-0				
		1-2×12	6-4	5-6	4-11	4-6	i 4-2	3-11	3-8				
		2-2×6	5-3	4-7	4-1	3-6	i 3-2	2-11	2-8				
		2-2×8	6-8	5-9	5-2	4-8	4-2	3-10	3-6				
		2-2×10	8-2	7-1	6-4	5-9	5-4	4-10	4-6				
		2-2×12	9-5	8-2	7-4	6-8	6-2	5-9	5-5				
		3-2×6	6-4	5-8	5-1	4-8	4-3	3-10	3-6				
		3-2×8	8-4	7-3	6-5	5-1	1 5-5	5-1	4-8				
		3-2×10	10-2	8-10	7-11	7-2	. 6-8	6-3	5-11	_			
		3-2×12	11-10	10-3	9-2	8-4	7-9	7-3	6-10				
	 a. Interpolation allows b. Beams supporting a c. Dead load = 10 psf, d. No. 2 grade, wet set a. Beam depth chall be 	bt = 304.8 mm, 1 p ed. Extrapolation i a single span of jo L/Δ = 360 at main vice factor includ	sound per sq s not allowed sts with or w span, $L/\Delta = 18$ ed.	uare foot = l. ithout can 80 at canti	= 0.0479 Ki tilever. lever. Snov	v load n	and = 0.454 kg.	be concurrent	t with live loa	ad.			
	 Beam depth shall be f. Beam cantilevers ar g. Includes incising fact h. Incising factor not in i. Deck joist span as s i. For calculation of ef 	e equal to or grea e limited to the a ttor. holuded. hown in Figure R5 fective joist span.	djacent beam 07.5. the actual ioi	i's span div	vided by 4.	be multi	a hush bearing	st span factor	in accordance	ce with Tabl	e R507.5(5).		
	,												Proposal Needed.
	Exterior Decks	R5	07.6		R507.6						Amendment		Same as Model Code Language
	R507.6 Deck joists. Ma	aximum allowa	able spans	for woo	od deck j 7 7	oists, a	as shown in	Figure R50	7.6, shall	be in acc	ordance with Table R507.6	5. The maximum joist spac	ing shall be limited
	Exterior Decks	TR	507.6	1	Г R507.6						Keep Existing Amendment		



WAC	Title or Subject 2021 IRC # 2024 I					IRC #	RC # Rationale						2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments	
										ТАВ	LE R507	.6				
				ALLOW					MAX		DECK JO	IST SPA	NS			
				SPAN ^{b,c}	ADEL JOIST	MAXIN	иим си		/ER ^{d,f}							
				(feet-in	ches)	(feet-ir	nches)									
		IOIST		Joist Sp (inches)	acing	Adjace	nt Jois	st Back S	5pan ^g							
	(psf)	SPECIES	JOIST SIZ	12	16 24	4	6	8	10	12	14	16	18			
	60 Live Load or	Douglas fir-larcl	^e , 2×6	7-11	7-1 5-9	1-0	1-6	NP	NP	NP	NP	NP	NP			
	70 Ground	Hem-fir ^e , Spruce-pipe-fir ^e	2×8	10-5	9-5 7-8	1-0	1-6	2-0	2-1	NP	NP	NP	NP			
	SHOW LOad	Spruce-pine-ni	2×10	13-3	11-6 9-5	1-0	1-6	2-0	2-6	2-8	NP	NP	NP			
		Redwood ^f . West	ern 2×6	7-4	6-8 5-1	1-0	1-0	NP	NP	NP	NP	NP	NP			
		Cedars ^f , Ponder	osa 2×8	9-8	8-10 7-4	1-0	1-6	1-11	NP	NP	NP	NP	NP			
		Pine ^f , Rod Pipef	2×10	12-4	11-0 9-0	1-0	1-6	2-0	2-6	2-6	NP	NP	NP			
		Reu Pille	2×12	14-9	12-9 10-	1-0	1-6	2-0	2-6	3-0	3-0	NP	NP			
	For SI: 1 inch = 2 a Dead	 SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa, 1 pound = 0.454 kg, NP = Not permitted. a. Dead load = 10 psf dead load. Snow load not assumed to be concurrent with live load. 														
	b. No. 2	grade, wet servi	e factor included													
	c. $L/\Delta = 3$	360 at main spar														
	e. Includ	 L/Δ = 180 at cantilever with 220-pound point load applied to end. Includes incising factor. 														
	f. Incisin	 Includes includes, Incising factor not included. Interpolation permitted Extrapolation not permitted 														
	g. Interp	g. Interpolation permitted.										Proposal Needed				
	Exterio	or Decks	R507.9	0.1.2	R50	7.9.1.2								Repeal Existing		Same as Model
														Amendment		Code Language
	R507.9.1.2 E	Band joist de	tails. Band jo	sts supp	orting a le	dger sh	all be	a min	imum	2-inch	-nomii	nal (51	mm),	solid-sawn, spruce-pine-fir o	r better lumber or minimu	m 1-inch (25 mm)
		ineered woo	l rim boards ii	accord	ance with	Section	R502	2.1.7.E √	Band jo	oists sł	nall be	ar fully	on the	e primary structure capable c	f supporting all required lo	bads.
								J.						Keep Existing		
	Exterio	or Decks	I R507.7	.1.3(1)	I R50	7.7.1.3(1	1)							Amendment		
	TABLE R507.9. DECK LEDGER	1.3(1) CONNECTION	O BAND JOIST													
			ON-CENT	ER SPACI	NG OF FAST	ENERSb										
			(inches) 1/2-inch c	iameter la	screw	1/2-inch	diame	ter bolt		1/2-inc	h diame	eter bolt				
	LOADc	JOIST S	PANa with			with				with						
	(pst) 60 Live Load or	(feet) 6	1/2-inch r 22	naximum s	neathingd,e	1/2-inch 36	maxim	num sne	atninge	1-incn 35	maximi	im snea	itningf			
	70 Ground Snov	v Load 8	16			31				26						
		10	13			25				21						
		14	9			17				15						
		16	8			15				13						
	For SI: 1 inch = 2	18 25.4 mm. 1 foot =	7 304.8 mm. 1 pour	id per squa	re foot = 0.04	13 79 kPa.				11						
	a	. Interpolation	permitted. Extrapo	ation is not	permitted.	2.4.40		at a star				nd in int				
	 Ledgers shall be flashed in accordance with Section R703.4 to prevent water from contacting the house band joist. Dead load = 10 psf. Snow load shall not be assumed to act concurrently with live load. 															
	 d. The tip of the lag screw shall fully extend beyond the inside face of the band joist. e. Sheathing shall be wood structural panel or solid sawn lumber. 															
	f.	Sheathing sh	all be permitted to	be wood st	ructural pane	gypsum	board,	fiberboa	rd, lumb	er or foa	m sheath	ning. Up	to 1/2-ind	ch thickness of stacked washers shall	be permitted to substitute for up to	1/2 inch of allowable
	- · ·	sneatning thi	miess where com				umbe	a sneath	ng.					Keep Existing		
	Exterio	or Decks	R507	9.2	R5	07.9.2								Amendment		
	R507.9.2 Dec	k lateral loa	connections	Lateral	loads shall	be trans	sferre	d to the	e grour	d or to	a stru	cture c	apable	of transmitting them to the gro	und. Where the lateral load	connection is
	provided in accordance with Figure R507.9.2(1), noid-down tension devices shall be installed in not less than two locations per deck, within 24 inches of each end of the deck. Each device shall have an allowable stress design capacity of not less than 1500 pounds (6672 N). Where the lateral load connections are provided in accordance with Figure R507.9.2(2), the hold-down tension															
	devices shall	be installed in	not less than	four locat	ions per d	ck, and	each	device	shall I	nave a	n allow	able st	ress de	sign capacity of not less than	750 pounds (3336 N).	
	EXCEPTION: De	ecks not more that	n 30 inches above	grade at a	ny point may	oe unattad	ched								· · ·	



WAC	Title or Subject	2021 IRC #	2024 IRC #		Rationale	Rationale		2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	Exterior Decks	T R5070.9.1.3(2)	T R5070.9.1.3(2)					Keep Existing Amendment		
		·			TABLE R507.9	1.3(2)				•
			PLACEMENT	OF LAG SCREV	S AND BOLTS I	N DECK LEDG	SERS AND	D BAND JOISTS		
					BETWEEN R	DWS	J SPACIN	G		
				то	P BOTTOM		ROV	V		
				EDO	GE EDGE	ENDS	SPACI	NG		
			L	edger ^a 2 incl	nes ^u 3/4 inch	2 inches ^b	1 5/8 inc	ches ^b		
	For SI: 1 inch = 25.4 mm.		Da		2 menes	2 menes	1 5/6 110	ches		
	a. Lag screws or bolts shallb. Maximum 5 inches.	be staggered from the top	to the bottom along the h	orizontal run of	the deck ledger i	n accordance	e with Fig	ure R507.9.1.3(1).		
	c. For engineered rim joists	, the manufacturer's recor	mmendations shall govern.							
	d. The minimum distance fr	rom bottom row of lag scre	ews or bolts to the top edge band joist is directly suppo	e of the ledger s rted by a mudsi	hall be in accord	ance with Figu	ure R507. Vall plates	.9.1.3(1).		
	e. The 2 inches may be read				ii, a neader or by	double top v	wan place.			
		CHAF	PTER 6 WALL CONST	RUCTION (P	art III Buildin	g Planning	g and C	onstruction)		2024 Terret
	Wood wall framing	R602.1.1.1	NA					Amendment		2024 Target 602 1 1 1
	R602.1.1.1 Used sawn lum	ber. Used sawn lum	ber identified with a g	trade mark, i	n good condi	ion and de	evoid of	areas of decay shall be a	assumed to meet the reau	irements of Section
	602.1.1 or shall comply with	n the following:			0			· · · · · · · · · · · · · · · · · · ·		
	1. Dimensional lumber not	identified with a grad	e mark that has a nor	ninal thickne	ess of 2 inche	s with a no	ominal v	width of 6 inches, or less,	shall be assumed to be s	pruce-pine-fir stud
	grade and shall have struct	ural properties assig	ned in accordance wi	th current ac	lopted standa	ards. All ot	her dim	iensional lumber shall be	assumed to be hem-fir N	o. 2 grade and shall
	have structural properties a	ssigned in accordan	ce with current adopt	ted standard	s.					I
	Wood wall framing	R602.9	R602.9					Keep Existing		
	R602.9 Cripple walls. Four framed of studs having the Cripple walls supporting be	ndation cripple walls size required for an a paring walls or exterio	shall be framed of stu dditional story. or walls or interior brac	uds not smal	ler than the s els as require	tudding ab d in Sectio	oove. W	/hen Where exceeding 4 f 03.1.2 and R602.10.9.1 Ex	eet (1219 mm) in height, s tterior cripple walls with a	uch walls shall be stud height less
	than 14 inches (356 mm) sh	all be continuously s	sheathed on one side	with wood st	tructural pan	els fastene	ed to bo	th the top and bottom pla	ates in accordance with Ta	able R602.3(1), or
	the cripple walls shall be co	onstructed of solid bl	ocking.							
	All cripple walls shall be su	pported on continuo	us footings or founda	tions.	Continue D402 1	2 and DCO2 (1001 eb.	all be continuous for the require	d longth of the svipple well and	constructed beyond the
	cripple wall for a minimum distance	e of 4 inches and a maxim	ium distance of the footing	thickness. The f	ootings extensio	.2 and R602. n is not requi	ired at int	all be continuous for the require tersections with other footings.	ed length of the cripple wall and i	constructed beyond the
						in b not requ				I
	Wood wall framing	R602.10.10	R602.10.10					Keep Existing Amendment		
	R602.10.10 Cripple wall br	acing. Cripple walls	shall be constructed	in accordan	ce with Section	on R602.9	and bra	aced in accordance with t	his section. Cripple walls	supporting bearing
	walls or exterior walls or int	erior braced wall par	nels as required in Sec	ction R403.1	2 shall be br	aced with t	the leng	gth and method of bracing	g used for the wall above i	n accordance with
	Tables R602.10.3(1) and R6 be multiplied by a factor of	02.10.3(3), and the a 1.15.	pplicable adjustment	t factors in Ta	able R602.10	3(2) or R60	02.10.3	(4), respectively, except	that the length of <mark>the</mark> cripp	ole wall bracing shall
	Where gynsum well board i	s not used on the ins	ide of the cripple wall	hracing the	length adjue	mente for	the elir	mination of the gyneum w	allhoard or equivalent o	hall he applied as
	directed in Tables P602 10	3(2) and P602 10 3(4	to the length of crip	biacing, the	ind required	This adjust	tmont s	shall be taken in addition	to the 1 15 increase	nall be applied as
	directed in Tables No02.10.	3(2) and 1002.10.3(4			ing required.	iiiis aujus	unent a			
	Exterior Windows and Doors	R609.3	R609.3					Keep Existing Amendment		
	R609.3 Testing and labelin	g. Exterior windows	and sliding doors sha	ll be tested b	y an approve	d indepen	dent lai	boratory, and bear a labe	l identifying manufacturer	, performance
	characteristics and approve to AAMA/WDMA/CSA 101/I.	ed inspection agency .S.2/A440 or AMD 100	v to indicate complian 0, or comply with Sec	ice with AAM tion R609.5.	A/WDMA/CS	A 101/I.S.2	2/A440.	Exterior side-hinged doo	rs shall be tested and lab	eled as conforming
	EXCEPTIONS:									
	1. Decorative glazed o	penings.								
	2. Custom exterior wir	ndows and doors mai	nufactured by a small	l business sh	all be exemp	t from all t	esting r	requirements in Section F	R609 provided they meet t	he applicable
	provisions of Chapt	er 24 of the Internation	onal Building Code.							



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	• •	CH	APTER 7 WALL COV	ERING (Part III Building Planning and Cor	nstruction)							
	Interior Covering	R702.5	R702.5		Keep Existing Amendment							
	R702.5 Other finishes. Woo Wood veneer and hardboard veneer paneling not less that components within the con	od veneer paneling a d paneling less than an 1/4-inch (6mm) n ditioned space such	nd hardboard panelir 1/4-inch (6mm) nom ominal thickness sha as plywood, particle	ng shall be placed on wood or cold-formed inal thickness shall not have less than a 3/ ll conform to ANSI/HPVA HP-1. Hardboard board, wafer board and oriented strand bo	steel framing spaced not (8-inch (10 mm) gypsum bo I paneling shall conform to pard shall be identified as '	more than 16 inches (406 pard or gypsum panel pro CPA/ANSI A135.5. All str EXPOSURE 1," "EXTERIOF	mm) on center. duct backer. Wood uctural panel R" or "HUD-					
	Exterior Covering	R703.1.1	R703.1.1		Modify Existing Amendment		Proposal Needed. Incorporate new Model Language					
	 N/03.1.1 water resistance. Ine exterior wall envelope shall be designed and constructed in a manner that prevents the accumulation of water within the wall assembly by providing a water-resistant resistance. EXCEPTION: 1. A weather-resistant exterior wall envelope shall be provided in accordance with Section R702.7 of this code. EXCEPTION: 1. A weather-resistant exterior wall envelope shall not be required over concrete or masonry walls designed in accordance with Chapter 6 and flashed according to Section R703.4 or R703.8. 2. Compliance with the requirements for a means of drainage, and the requirements of Sections R703.2 and R703.4, shall not be required for an exterior wall envelope that has been demonstrated to resist wind-driven rain through testing of the exterior wall envelope, including joints, penetrations and intersections with dissimilar materials, in accordance with ASTM E 331 under the following conditions: 2.1. Exterior wall envelope test assemblies shall include at least one opening, one control joint, one wall/eave interface and one wall sill. All tested openings and penetrations shall be representative of the intended end-use configuration. Exterior wall envelope test assemblies shall be tested at a minimum differential pressure of 6.24 pounds per square foot (299Pa). 2.3. Exterior wall envelope assemblies shall be subjected to a minimum test exposure duration of 2 hours. 3. The requirement for a means of drainage shall not be construct to am an air space cavity under the exterior clading for an exterior wall cad with panel or lapped siding made of plywood, engineered wood, hardboard, or fiber cement. A water-resistive barrier as required by Section R703.2 will be required on exterior wall envelope test not be constructed to mean an air space cavity under the exterior clading for an exterior wall cad with panel or lapped siding made of plywood, engineered wood, hardboard, or fiber cement. A water-resistive barrier											
	Exterior Covering R703.10.2 Lap siding. Fiber	R703.10.2 r-cement lap siding h	703.10.2 naving a maximum wid	th of 12 inches (305 mm) shall comply wit	Amendment th the requirements of AST	M C 1186, Type A, minimu	um Grade II or ISO					
	8336, Category A, minimum instructions or shall be desi R703.3(1) or approved man	Class 2. Lap siding gned to comply with ufacturer's instructio	shall be lapped a min Section R703.1. Lap ons.	imum of 1 1/4 inches (32 mm) and lap sidi siding courses shall be installed with the f	ng shall be installed in acc astener heads exposed or	ordance with the manufa concealed, in accordance	cturer's installation e with Table					
	NA	NA	NA		NA	NA	NA					
				No Existing Amendments in Chapter 8	1 1473	14/3	1.1/1					
	• •	CHA	APTER 9 ROOF ASSE	MBLIES (Part III Building Planning and Co	onstruction)							
	Weather Protection	R903.4.1	R903.4.1		Keep Existing Amendment		Verify Sections of UPC are accurate					
	R903.4.1 Secondary (emer perimeter construction exter as the roof drains shall be ir and having a minimum oper served. The installation and Plumbing Code. Overflow d	gency overflow) dra ends above the roof installed with the inle hing height of 4 inche sizing of overflow dr rains shall discharge	ins or scuppers. Wh n such a manner that t flow line located 2 ir es (102 mm) shall be in ains, leaders and con to an approved locat	ere roof drains are required, secondary en water will be entrapped if the primary drai iches (51 mm) above the low point of the r nstalled in the adjacent parapet walls with iductors shall comply with Sections 1101 a ion.	nergency overflow drains or ns allow buildup for any re oof, or overflow scuppers 1 the inlet flow located 2 in and 1103 of the state plum	r scuppers shall be provid ason. Overflow drains ha having three times the size ches (51 mm) above the lo bing code 1106 and 1108	ded where the roof ving the same size e of the roof drains ow point of the roof of the International					
		CHAPTER	R 10 CHIMNEYS AND	FIREPLACES (Part III Building Planning a	nd Construction)							
	Masonry Fireplaces	R1001.7.1			Keep Existing Amendment							



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments						
	Dampers shall be installed in the fireplace or the chimney venting the fireplace, and shall be operable from the room containing the fireplace. Fireplaces shall be provided with each of the following: 1. Tightly fitting flue dampers, operated by a readily accessible manual or approved automatic control. EXCEPTION: Fireplaces with gas logs shall be installed in accordance with the International Mechanical Code Section 901, except that the standards for liquefied petroleum gas installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and NFPA 54 (Mational Fuel Gas Code). 2. An outside source for combustion air ducted into the firebox. The duct shall be at least 6 square inches (3870 mm2), and shall be provided with an operable outside air duct damper. 3. Site built fireplaces shall have tight-fitting glass or metal doors, or a flue draft induction fan or as approved for minimizing back-drafting. Factory built fireplaces shall use doors listed for the installed apliance. Masonry Heaters R1002.2 R1002.2 R1002.2												
	Masonry Heaters	R1002.2	R1002.2		Amendment								
	R1002.2 Installation. Maso shall comply with one of the 1. Masonry heaters shal 2. Masonry heaters shal	nry heaters shall be following: l comply with the rec l be listed and labele	installed in accordanc quirements of ASTM E ad in accordance with	ce with this section and <mark>shall be a masonr</mark> 1602; <mark>or</mark> UL 1482 or CEN 15250 and installed in ac	y heater type approved by cordance with the manufa	the department of ecolog	y. Masonry heaters actions.						
	Masonry Heaters	R1002.2.1	NA		Keep Existing		2024 Target						
	R1002.2.1 Combustion air 1. Primary combustion a 2. Tight-fitting ceramic g five percent of the flue o	and doors. Masonry air ducted from the o glass or metal doors. cross sectional area.	heaters shall be prov utside of the structure Flue dampers, when	ided with both of the following: e to the appliance. provided, shall have an external control a	nd when in the closed posi	tion shall have a net free a	area of not less than						
	Factory-Built Fireplaces	R1004.1.1	NA		Keep Existing Amendment		2024 Target R1004.1.1						
	R1004.1.1 Emission stands accordance with procedure To certify an entire firep design and construction ecology (DOE) approved	ards for factory-buil s and criteria specifi lace model line, the i n specifications of the l and U.S. Environme	t fireplaces. No new ed in ASTM E2558 Sta internal assembly sha e fireplace model line ental Protection Agence	or used factory-built fireplace shall be ins ndard Test Method for determining partice Il be tested to determine its particulate m internal assembly change. Testing for cer cy (EPA) accredited laboratory.	talled in Washington state ulate matter emission from latter emission performand tification shall be perform	unless it is certified and l n fires in wood burning fire ce. Retesting and recertify ed by a Washington state	abeled in places. ing is required if the department of						
	Factory-Built Fireplaces	R1004.1.2	NA		Keep Existing Amendment		2024 Target R1004 1 2						
	R1004.1.2 Emission stand 31-2 prior to July 1, 2013, m	ards for certified ma ay retain certificatior	asonry and concrete n provided the design	fireplaces. Masonry and concrete firepla and construction specifications of the fire	ce model lines certified to eplace model line internal a	Washington State Buildin Assembly do not change.	g Code Standard						
	Exterior Air Supply	R1006.4	R1006.4		Keep Existing Amendment								
	R1006.4 Passageway. This except that combustion air	section is not adopte systems for <i>listed</i> fire	ed. The co<i>mbustion a</i> eplaces shall be cons	r passageway shall be not less than 6 squ tructed in accordance with the fireplace r	iare inches (3870 mm²) and nanufacturer's instruction	l not more than 55 square s.	: inches (0.035 m²),						
	Exterior Air Supply	R1006.6	NA	· · · · ·	Keep Existing Amendment		2024 Target R1006.6						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments						
	R1006.6 Solid fuel-burning 1. A source from outside point below the fire box.	appliances and fire the structure of prin The duct shall be 4	eplaces. Solid fuel-bu mary combustion air, inches (102 mm) or gr	Irning appliances and fireplaces shall be p connected to the appliance in accordance eater in diameter, not exceed 20 feet (609	provided with tight-fitting m e with manufacturer's spec 6 mm) in length, and be ins	netal or ceramic glass doo sification. The air inlet sha stalled in accordance with	rs, and: ll originate at a 1 manufacturer's						
	2. The appliance and ma Negative Pressure Test,	anufacturer's recomi Section 12.3, of ULC	mended combustion a S627-M1984 "Space	air supply, as an installed unit, shall be ce Heaters for Use with Solid Fuels," modifie	rtified by an independent t ed as follows:	esting laboratory to have	passed Test No. 11-						
	Negative pressure of 8 F The air supply if not dire The maximum allowable	Pascal shall be initial ctly connected to the a air exchange rate fr	ly established with the e appliance, shall the om chamber leakage	e chamber sealed and the air supply, if no n be opened. and intentional air supply for the unit (app	t directly connected to the pliance with combustion ai	appliance, closed off. r supply) in the test cham	ber is 3.5 air						
	Changes per nour, or 28 ctm (Cubic feet of air per minute), whichever is less. EXCEPTION: Combustion air may be supplied to the room in which the solid fuel burning appliance is located in lieu of direct ducting, provided that one of the following conditions is met: 1. The solid fuel-burning appliance is part of a central heating plant and installed in an unconditioned space in conformance with the International Mechanical Code; or 2. The solid fuel-burning appliance is installed in existing construction directly on a concrete floor or surrounded by mesonery materials as in a firenelace. The combustion air terminus shall be located as close to the												
	2. The solid fuel-burning appliance is installed in existing construction directly on a concrete floor or surrounded by masonry materials as in a fireplace. The combustion air terminus shall be located as close to the solid fuel-burning appliance as possible and shall be provided with a barometric damper or equivalent. The combustion air source shall be specified by the manufacturer or no less than 4 inches (102 mm) in diameter or the equivalent in area or as approved.												
	ΝΔ	ΝΔ				ΝΔ	ΝΔ						
	This Chapte	er is not adopted per \	WAC 51-51-003 For Re	esidential Energy Provisions see WAC 51-1	1R Washington State Energy	Code Residential Provisio							
			CHAPTER 12 MECH	ANICAL ADMINISTRATION (Part V Mecha	anical)								
	General	M1201.1	M1201.1		Keep Existing Amendment								
	M1201.1 Scope. The provisions of Chapters 12 through 24 shall regulate the design, installation, maintenance, <i>alteration</i> and inspection of mechanical systems that are permanently installed and utilized used to provide control of environmental conditions within buildings. These chapters shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed in this code.												
	General	M1201.3	NA		Keep Existing Amendment		2024 Target M1201.3						
	M1201.3 Construction doc governed including, but not appliances, and other pertir	uments. The plans a limited to: Design cr hent data to indicate	and specifications sha iteria, size and type of conformance with the	all show in sufficient detail pertinent data f apparatus and equipment, systems and e requirements of this code.	and features of the materia equipment controls, provis	als, equipment and syster sions for combustion air to	ns as herein 5 fuel-burning						
	General	M1201.4	NA		Keep Existing Amendment		2024 Target M1201.4						
	M1201.4 Testing. At the dis required by other sections of	cretion of the buildin f this code shall be p	ng official, flow testing performed. Flow testir	may be required to verify that the mechaing may be performed using flow hoods me	nical system(s) satisfies the easuring at the intake or exl	e requirements of this coo naust points of the system	le. Specific testing 1, in-line pitot tube,						
	or pitot-traverse type measu	irement systems in t	the duct, short-term ti	acer gas measurements, or other means	approved by the building o	fficial.							
	General	M1301.2	M1301.2	HANICAL SYSTEMS REQUIREMENTS (Pa	Keep Existing Amendment								
	M1301.2 Identification. Eac EXCEPTION: The manufacturer iden	ch length of pipe and tification for fittings and p	l tubing and each pipe pipe nipples shall be on eac	fitting utilized in a mechanical system sh h piece or shall be printed on the fitting or nipple pac	all bear the identification c ckaging or provided documentation	f the manufacturer. on.							
	Appliance Installation	M1307.2	M1307.2		Modify Existing Amendment		Verify Section in UPC is Accurate. Incorporate Model Language removal.						
	M1307.2 Anchorage of app strapped to resist horizonta 1. Anchorage and st	liances. Appliances l displacement caus rapping shall be des i	designed to be fixed i ed by earthquake mo igned to resist a horizo	n position shall be fastened or anchored i tion in accordance with one of the followir ontal force equal to one-third of the opera	n an approved manner. Th ng: Section R301.2.2.10. ting weight of the water sto	ermal storage units shall rage tank, acting in any h	pe anchored or orizontal direction.						
	2. The anchorage sti	apping shall be in ac	cordance with the ap	pliance manufacturer's recommendation	3.								
	Seismic anchorage a	and strapping of wat	er heaters shall be in a	accordance with Section 507.2 of the stat	e plumbing code.								
		CHAPTER	14 HEATING AND CO	OLING EQUIPMENT AND APPLIANCES (I	Part V Mechanical)								
	Evaporative Cooling Equipment	M1413.1	M1413.2		Amendment		UPC is Accurate.						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	M1413.1 General. Evaporat 1. In accordance wit	ive cooling equipme th the manufacturer's	<i>nt</i> and <i>appliances</i> shas instructions.	all comply with UL 1995 or UL/CSA/ANCE	60335-2-40 and shall be in	stalled:						
	2. On level platform	s in accordance with	M1305.1.3.1.									
	3. So that openings	in exterior walls are f	lashed in accordance	e with Section R703.4.								
	4. So as to protect th	ne potable water sup	ply in accordance wit	th Section 603 of the state plumbing code	P2902 .							
	5. So that air intake	opening locations ar	e in accordance with	Section R303.5.1.								
		-	CHAPTER 15	EXHAUST SYSTEMS (Part V Mechanical)								
	Domestic Cooking Exhaust Equipment	M1503.2.1			Keep Existing Amendment							
	M1503.2.1 Open-top broile	er exhaust. Domestie	c open-top broiler uni	ts shall be provided with a metal exhaust	nood, having a <mark>minimum</mark> th	nickness of not less than ().0157 inch (0.3950					
	mm) (No. 28 gage). Such ho clearance of not less than 2 than the width of the broiler EXCEPTIONS: 1. Broiler units that incorpo	ods shall be installed 4 inches (610mm) si unit and shall extend rate an integral exhaust sy	d with a clearance of hall be maintained be d over the entire unit. /stem, and that are listed a	not less than 1/4 inch (6.4 mm) between th wween the cooking surface and the combu nd labeled for use without an exhaust hood, shall not	ne hood and the underside ustible material or and cab : be required to have an exhaust I	of combustible material of inets. The hood width sha	or and cabinets. A Il be not be less					
	2. Broiler units permanently	installed outside the build	ding envelope and having t	he cooking surface at least 5 feet below a 1-hour fire	resistance rated ceiling shall not l	be required to have an exhaust h	nood.					
	Domestic Cooking Exhaust Equipment	M1503.3	M1503.3		Keep Existing Amendment							
	M1503.3 Exhaust discharg	e. Domestic cooking	exhaust equipment s	shall discharge to the outdoors through a c	luct. The duct shall have a	smooth interior surface,	shall be airtight,					
	shall be equipped with a backdraft damper and shall be independent of all other exhaust systems. Ducts serving domestic cooking exhaust equipment shall not terminate in an attic or crawl space or areas inside the building. EXCEPTION: Where installed in accordance with the manufacturer's instructions, and where continuous local exhaust is provided in an <i>enclosed kitchen</i> in accordance with Table M1505.4.4.1 and where mechanical or natural <i>ventilation</i> is otherwise provided, listed and labeled ductless range hoods shall not be required to discharge to the outdoors.											
	Domestic Cooking Exhaust Equipment	M1503.5	M1503.5		Modify Existing Amendment		Proposal Needed. Incorporate Model language Changes.					
	M1503.5 Kitchen exhaust r	ates. Where domest	tic kitchen cooking ap	pliances are provided equipped with duct	ed range hoods or down-d	raft exhaust equipment s	ystems , the fans					
	shall be sized in accordance	e with Section M150	5.4.4.1 the exhaust ra	te shall equal or exceed the airflow require	ed in Table m1505.5 at one	or more speed settings.						
	Exhaust Ducts and Exhaust Openings	M1504.3	M1504.3		Modify Existing Amendment		Proposal Needed. Incorporate new model language.					
	M1504.3 Exhaust openings	Air exhaust openin	gs shall terminate as	follows:								
	2. Not less than 3 feet (914)	nm) from gravity air i	intake openings oper	cable windows and doors except where the	exhaust opening is locate	d not less than 1 foot (20)	5 mm) above the					
	gravity air intake opening of	arable windows and	doors	able windows and doors except where the	exhaust opening is tocate		billing above the					
	3 Not less than 10 feet (304	8 mm) from mechan	vical air intake openin	as except where of the following an	alve ave and whore the aves	ust opening is located no	Hace than 2 feet					
	(914 mm) above the air intal	ce onening Anening	e shall comply with S	ections B303 5.2 and B303.6	oly. except where the exha	ust opening is located no	1 1655 111011 5 1661					
	3.1. The exhaust ope	ening is located not l	ess than 3 feet (914 m	nm) above the air intake opening.	ad in concretence with the f							
	5.2. The exhaust ope	from a living appeal	ory-built intake/exhai		a maccordance with the r		stions, and the					
	4. Openinge shell somply in	from a tiving space.	ations D202 E 2 and [2202 0								
	4. Openings shall compty in	accordance with se	Cuons R303.5.2 and r	1303.0 <mark>.</mark>	Koop Existing							
	Mechanical Ventilation	M1505.1	M1505.1		Amendment							
	EXCEPTION: Alternate balanced wh	ocal exhaust or whole ole-house <i>ventilation</i> syste	e-house mechanical v ms and local exhaust syste	ventilation is provided, the ventilation systems designed and commissioned in accordance with	em shall be designed in ac ASHRAE 62.2 are permitted.	cordance with this sectio	n.					
	Mechanical Ventilation	M1505.4	M1505.4		Keep Existing Amendment							
	M1505.4 Whole-house me	chanical ventilation	system. Each dwelli 1 through M1505 4 4	ing unit shall be equipped with a ventilatio	n system. The whole-hous	e mechanical ventilation	systems shall be					
	Moobanical Vontilation	M1505.4.1	M1505 4 1		Keep Existing							

Commented [DC3]: New model language here is the same as 2021 amendment language.

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WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	M1505.4.1 System design. ERV/HRV with integral fans, M1505.4.1.2, M1505.4.1.3, provided with the proper co required by Section M1505. operate continuously at the	The whole-house ve associated ducts ar M1505.4.1.4, and M ² ntrols in accordance 4.3 as modified by w minimum ventilatio	ntilation system shall nd controls. Whole-ho 1505.4.1.5. Local exh with Section M1505. hole-house ventilatio n rate required by Sec	consist of one or more supply or exhaust buse mechanical ventilation system supply aust or supply fans are permitted to serve 4.2. The systems shall be designed and ins n system coefficients in Section M1505.4. tion M1505.4.2 unless configured with inte	fans, or a combination of s y and exhaust fans shall m as such a system part of th stalled to exhaust and/or s 3.1 where applicable. The ermittent off controls in ac	eet the requirements of S eet the requirements of S ne whole-house ventilatio upply the minimum outdo whole-house ventilation s cordance with Section M	naust fans, or an ections n system when por airflow rates system shall 1505.4.3.2. Outdoor
	Mechanical Ventilation	M1505.4.1.1	NA		Keep Existing		2024 Target
	M1505.4.1.1 Whole-house prescribed in the Washingto Whole-house ventilation far maximum of 1.0 sone. This M1505.4.1.3. EXCEPTION: HVAC air handlers, ERV/HRV units, a and hallways, and there must be at The whole-house supply far EXCEPTION: Interior joining spaces provided wit ducted outdoor ventilation air to be Mechanical Ventilation M1505.4.1.2 Exhaust fans. equipped with backdraft da and sound rating procedure Performance Certification F intermittent exhaust airflow automatically override the f	system component on State Energy Code and shall be rated for s sound rating shall be and remote mounted fans cleast 4 feet (1.3 m) of duc an shall provide ducte tha 30 cfm whole-house t e supplied directly to the s M1505.4.1.2 Exhaust fans require mpers or motorized as of the Home Ventil Procedure, as applica or rates higher than th an to the high speed	t requirements. Who e. Design and installat sound at no less than e at a minimum of 0.1 s need not meet the sound ttwork between the fan and d outdoor ventilation ransfer fan or a permanent space. Whole-house transfe NA ed shall be ducted dir dampers in accordan lating Institute (HVI 91 able). Exhaust fans re e continuous exhaust airflow rate. The exha	le-house ventilation supply and exhaust fa icion of the system or equipment shall be ca the minimum airflow rate required by Sect in. w.c. (25 Pa) static pressure in accordar requirements. To be considered for this exception, a I the intake grille. air to each habitable space within the resi opening with an area of not less than 8 percent of th r fans shall meet the sone rating of Section M1505.4. ectly to the outside. Exhaust air outlets sh ce with the Washington State Energy Code 15, HVI Loudness Testing and Rating Proce quired in this section may be used to provi airflow rates in Table M1505.4.3.2 shall be ust fans shall be tested and the testing resi	ans specified in this section arried out in accordance w tion M1505.4.3.1. Ventilati nce with HVI procedures sp remote mounted fan must be mo dential unit. The floor area of the interior adjoin 1.1 and shall have whole-house w Keep Existing Amendment all be designed to limit the e. Exhaust fans shall be tess edure, HVI 916, HVI Airflow ide local ventilation. Bathri- e provided with occupancy sults shall be submitted an	n shall have a minimum e rith manufacturers' install on fans shall be rated for pecified in Sections M150 bunted outside the habitable spa ing space but not less than 25 sc entilation controls that comply v e pressure difference to the sted and rated in accordant Test Procedure, and HVI oom exhaust fans that are y sensors or humidity sen-	fficacy as ation instructions. sound at a 5.4.1.2 and ces, bathrooms, toilets, uare feet do not require vith Section M1505.4.2. 2024 Target M1505.4.1.2 e outside and nce with the airflow 920, HVI Product e designed for sors to with Section
	Mechanical Ventilation	M1505.4.1.3	NA		Keep Existing		2024 Target
	M1505.4.1.3 Supply fans. S Code Sections 401.4 and 40 Energy Code. Supply fans sl Rating Procedure, HVI 916, systems the outdoor air sha least 8.	Supply fans used in n 01.5. When designed hall be tested and ra HVI Airflow Test Proc Ill be filtered. The filt	neeting the requirement of or intermittent off op ted in accordance wit cedure, and HVI 920, I er shall be accessible	ents of this section shall supply outdoor ai peration, supply systems shall be equippe In the airflow and sound rating procedures HVI Product Performance Certification Pro for regular maintenance and replacemen	r from intake openings in a d with motorized dampers s of the Home Ventilating Ir ocedure, as applicable). W t. The filter shall have a Min Keep Existing	ccordance with the <i>Interr</i> in accordance with the <i>V</i> istitute (HVI 915, HVI Lou here outdoor air is provide nimum Efficiency Rating \	hational Mechanical Vashington State dness Testing and ed by supply fan Value (MERV) of at 2024 Target
	Mischanical Ventilation M1505.4.1.4 Balanced who have airflow that is within 10 mechanical supply airflow r Section M1505.4.1.2. The si such as an ERV/HRV shall n exempt from the balanced a Mechanical Ventilation	Derhouse ventilation Dercent of each oth rate. The flow rate test upply fan shall meet neet the requirement airflow calculation. M1505.4.1.5	INA In system. A balanced her. The tested and bast ist results shall be sub the requirements of S ts of HVI 920, as appli NA	d whole-house ventilation system shall ind lanced total mechanical exhaust airflow r mitted and posted in accordance with Sec Section M1505.4.1.3. Balanced ventilation cable. Local exhaust systems that are not	Amendment Clude both supply and exha ate is within 10 percent or ction M1505.4.1.7. The exh systems with both supply a component of the whole Keep Existing Amendment	aust fans. The supply and 5 cfm, whichever is great aust fan shall meet the re and exhaust fans in a pac e-house mechanical venti	M1505.4.1.4 exhaust fans shall er, of the total equirements of kaged product, lation system are 2024 Target M1505.4.1.5
	M1505.4.1.5 Furnace integ EXCEPTION: Air handler fans shall have multispu intake openings must meet the pro maintain the outdoor airflow intake maximum heating or cooling fan sp	rated supply. Syste eed or variable speed sup visions of Sections R303.5 e airflow within 10 percent peed. The results of the te	ms using space heating ply airflow control capabilit and R303.6 and must inclu t of the whole-house mecha st shall be submitted and p	ng and/or cooling air handler fans for outdo y with a low speed operation not greater than 25 peru ude a motorized damper that is activated by the whole anical exhaust airflow rate. The flow rate for the outdo osted in accordance with Section M1505.4.1.7.	oor air supply distribution cent of the rated supply airflow ca e-house ventilation system contro oor air intake must be tested and	are not permitted. apacity during ventilation only op oller. The motorized damper mu verified at the minimum ventila	peration. Outdoor air st be controlled to tion fan speed and the



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	Mechanical Ventilation	M1505.4.1.6	NA		Keep Existing Amendment		2024 Target M1505.4.1.6
	M1505.4.1.6 Testing. Whol	e-house mechanical	ventilation systems	shall be tested, balanced and verified to pr	rovide a flow rate not less t	han the minimum require	d by Sections
	M1505.4.3 and M1505.4.4.1	. Testing shall be pe	rformed according to	the ventilation equipment manufacturer's	instructions, or by using a	flow hood, flow grid, or o	ther airflow
	measuring device at the me	chanical ventilation	fan's inlet terminals,	outlet terminals or grilles or in the connect	ted ventilation ducts. Whe	re required by the building	g official, testing
	shall be conducted by an ap posted in the dwelling unit p	oproved third party. A per Section M1505.4.	written report of the 1.7.	results of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test shall be signed by the particular states of the test states of the test shall be signed by the particular states of the test states of test states	arty conducting the test ar	d provided to the building	; official and be
	Mechanical Ventilation	M1505.4.1.7	NA		Keep Existing Amendment		2024 Target M1505.4.1.7
	M1505.4.1.7 Certificate. A	permanent certificat	e shall be completed	l by the mechanical contractor, test and ba	alance contractor or other	approved party and poste	d on a wall in the
	space where the furnace is	located, a utility roor	n, or an approved loc	ation inside the building. When located or	n an electrical panel, the ce	ertificate shall not cover o	r obstruct the
	visibility of the circuit direct	ory label, service dis	connect label, or oth	er required labels. The certificate shall list	the flow rate determined f	rom the delivered airflow	of the whole-house
	mechanical ventilation syst	em as installed and t	the type of mechanic	al whole-house ventilation system used to	comply with Section M15	05.4.3.1.	1
	Mechanical Ventilation	M1505.4.2	M1505.4.2		Keep Existing Amendment		
	M1505.4.2 System control	s. The whole-house r	mechanical ventilatio	on system shall be provided with controls t	hat enable manual overrid	e. Controls shall include t	ext or a symbol
	indicating their function. co	mply with the followi	ing:				
	1. The whole-house ventilat	ion system shall be o	controlled with manu	al switches, timers or other means that pro	ovide for automatic operat	ion of the ventilation syste	em that are readily
	accessible by the occupant	;					
	2. Whole-house mechanica	l ventilation system	shall be provided with	n controls that enable manual override off	of the system by the occup	pant during periods of poc	r outdoor air
	quality. Controls shall inclu	de permanent text o	r a symbol indicating	their function. Recommended control peri	manent labeling to include	text similar to the followi	ng: "Leave on
	unless outdoor air quality is	very poor." Manual o	controls shall be read	lily accessible by the occupant;			
	3. Whole-house ventilation M1505.4.3.2.	systems shall be cor	nfigured to operate co	ontinuously except where intermittent off c	controls and sizing are prov	vided in accordance with \$	Section
	Mechanical Ventilation	M1505 4 3	M1505 / 3		Keep Existing		
		1011303.4.3	M1505.4.5		Amendment		<u> </u>
	M1505.4.3 Mechanical ver	tilation rate. The wh	nole-house mechanic	al ventilation system shall provide outdoo	r air at a continuous rate <mark>a</mark>	s determined in accordar	ce with Table
	M1505.4.3(1) or Equation 15	5-1.					
				Equation 15-1			
	Ventilation rate in	n cubic feet per minu	te = (0.01 × total squa	are foot area of house) + [7.5 × (number of	bedrooms + 1)] <mark>but not les</mark>	s than 30 cfm for each dw	elling unit
	EXCEPTIONS:						
	1.—Ventilation rate crea	lit. The minimum me	chanical ventilation r	ate determined in accordance with Table I	M1505.4.3(1) or Equation 1	5-1 shall be reduced by 3	0 percent, provided
	that both of the follo	wing conditions app	ly:				
	1.1. A du	cted system supplie:	s ventilation air direct	tly to each bedroom and to one or more of	the following rooms:		
	4	1.1.—Living Room					
	4	1.2. Dining Room					
	4	H.1.3.—Kitchen					
	1.2. They	whole-house ventilat	ion system is a balan	iced ventilation system.			
	2.—Programmed interm	ittent operation. The	whole-house mecha	inical ventilation system is permitted to op	erate intermiottently wher	e the system has controls	, that enable
	operation for not les	s than 25 percent of	each 4-hour segmen	t and the ventilation rate prescribed in Tab	ite M1505.4.3(1), by Equat i	on 15-1 or by Exception 1	is multiplied by the
	tactor determined in	1 accordance with Ta	ible M1505.4.3(2)	1			
	Mechanical Ventilation	T M1505.4.3(1)	T M1505.4.3(1)				



WAC	Title or Subject	ct	2021 IF	RC #	2024 IRC #		Rationale			2024 Staff Recommenda	tion	2024 T. Recom	AG Member	Other	Comments
	Table M1505.4.3(1 Continuous Whole) e-House M	lechanica	al Ventila	tion System Airflo	ow Rate Req	uirements								
				Number of	Bedrooms					4	Number of	Bedrooms			
	Dwelling Unit Floor Area (square feet)	0 - 1	2	3	4 !	5 or more	Dwelling Unit Floor Area (square f	eet)	0-1	2-3	4-	5	6-7	>7	
				Airflow	in cfm					•	Airflow	v in cfm			
	< 500	30	30	35	45	50	< 1,500		30	45	6	0	75	90	
	501 - 1,000	30	35	40	50	55	1,501-3,000		45	60	7	5	90	105	
	1,001 - 1,500	30	40	45	55	60	3,001-4,500		60	75	9	0	105	120	
	1,501 - 2,000	35	45	50	60	65	4 ,501-6,000		75	90	4()5	120	135	
	2,001 - 2,500	40	50	55	65	70	6,001-7,500		90	105	42	20	135	150	
	2,501 - 3,000	45	55	60	70	75	≥ 7,500		105	120	43	35	150	165	
	3,001 - 3,500	50	60	65	75	80	For SI: 1 square foot =	- 0.0929 m², 1	1 cubic foot	: per minute = 0.	0004719 m	³/s			-
	3,501 - 4,000	55	65	70	80	85									
	4,001 - 4,500	60	70	75	85	90									
	4,501 - 5,000	65	75	80	90	95									
	Mechanical Venti	lation	M1505.	4.3.1	NA					Keep Existir	ng			202 M1	24 Target
	Mechanical Venti	Q _r C _{syster} lation	= Ver minu m = T M1505	itilation ai te (cfm) fr M System c .4.3(2)	irflow rate, cubic fe om Equation 15-1 11505.4.3(1). coefficient from Tak 1505.4.3(2). T M1505.4.3(2)	or Table				Keep Existir	ng				
				(_)			T.L. MATOT A	0(0)		Amendmer	nt				
				Ct.	m Coofficient (C	\ Intowell	able M1505.4.	J(Z) Mashari		tilation Det-	Eastern	. a. b			
		i	i	Syster	m Coemcient (C _{sy}	stem) mtermin	Rent Whole-Hous				- actors		4000/	7	
		System	Type Dis	tributed	Not Distributed	Each 4-I	Hercentage in Hour Segment	25%	33%	50%	66%	75%	100%		
		Baland	ced	1.0	1.25	f	actor *	4	\$	2	1.5	1.3	1.0		
		Not bala	anced	1.25	1.5									_	
	Mechanical Venti	lation	M15005	.4.3.2	NA					Keep Existir Amendmer	ng nt			202 M1	24 Target 505.4.3.2
	M1505.4.3.2 Interr intermittent off ope corrected by Section	nittent off eration shal on M1505.4	^e operatio Il operate 4.3.1 is mi	n. Whole- for a leas ultiplied b	-house mechanica at two hours in each ay the factor determ	l ventilation : h four-hour s hined in acco	systems shall be p egment. The whole ordance with Table	rovided wi e-house ve M1505.4.	ith advar entilation .3.2.	nced controls n airflow rate	that are determin	configured ed in acco	d to operate th ordance with \$	he system Section M	n with 1505.4.3 as
	Mechanical Venti	lation	T M1505	5.4.3.2	NA					Keep Existir Amendmer	ng nt			202 T M	24 Target 1505.4.3.2



WAC	Title or S	ubject	20	021 IRC #	2024 IRC #		Rationale			R	2024 Staff ecommendation	2024 TAG Member Recommendation	Other Comments
						Tat	ole M1505.4	4.3.2					
					Intermitter	t Off Whole-Hous	se Mechani	ical Ve	entilatio	on Rate	Factors ^{a,b}		
					Г	Run-time % in Ea	ch 4-hour						
						Segmen	t	50%	66% 759	6 100%			
						Factor		2	1.5 1.3	3 1.0			
					L	a For ventilation	system ru	n-time	values	hetwee	n those given the fa	ctors are permitted to be	determined by
						interpolation.	royotonnia		valuoo	5011100			dotorrininoù by
						b. Extrapolation	beyond the	table	is prohi	bited.			
					l							1	
												Proposal Needed to	
	Machanical	(antilation								ſ	Modify Existing		Model Code
	Mechanical	ventilation	IVI	1505.4.4	W1505.5						Amendment		language and
													renumber Target
	M1505.4.4 Local exhaust rates. I ocal exhaust systems shall be designed to have the capacity to exhaust the minimum airflow rate d							n airflow rate deterr	l mined in accordance with	Table M1505.7 / 1			
	at one or more	speed settin	gs The	listed exhaus	t airflow rate for a h	athroom or toilet r	oom exhau	ist fan	shall ec	ual or e	xceed the exhaust a	hirflow rate in Table M1505	5 at a minimum
	static pressure of 0.25 inch wc at one or more speed settings in accordance with Section M1505.3. If the local exhaust fan is included in the whole-house ventilation system, in												
	accordance with Section 1505.4.1, then the exhaust fan shall be controlled to operate as specified in Section M1505.4.2.												
	Mechanical	Mechanical Ventilation M1505.4.4.1									Keep Existing		2024 Target
	Mechanical Ventilation M1505.4.4.1									Amendment		M1505.5.1	
	M1505.4.4.1 L	ocal exhaus	t. Bathr	ooms, toilet r	ooms, and kitchen	s shall include a lo	cal exhaust	i syste	m. Such	local e	khaust systems sha	Il have the capacity to exh	haust the minimum
	airflow rate in a		vitn lab	ile M1505.4.4	. I. Fans required by	this section shall	be provided	a with	control	s that er	able manual overri	de or automatic occupan	cy sensor, numidity
	served by the f	an	Juutani	Sensor Contra	OIS. AIT OIT/OIT SWI		requiremen		Hanuat	Controls		is shall be redully access	
	Served by the l										Keep Existing		2024 Target
	Mechanical	Ventilation	IM	1505.4.4.1	NA						Amendment		T M1505.5.1
	Table M1505.4	4.4.1											
	Minimum Loc	al Exhaust R	ates		_		1						
	Area to Be	E	xhaust	Rates	Area to	Be Exhausted			Exhau	st Rates	•		
	Exhausted	Intermit	ent	Continuou	s I	(itchens	100 cfr	m inte	rmittent	or 25 cf	m continuous		
	Open	In accordan	ce with	Not Permitte	ed Bathroor	ns- Toilet Rooms	Mech	ianica	l exhau s	st capac	ity of 50 cfm		
	Kitchens	Sectio	n				int	ermitt	t ent or 2	0 cfm c	ontinuous		
		M1505.4	.4.3										
	Enclosed	In accordan	ce with	5 ACH based	on For SI: 1 cu	pic foot per minute	= 0.00047′	19 m3	/s, 1 inc	h water	column = 0.2488		
	Kitchens	Sectio	n	kitchen volu	me kPa.								
		M1505.4	.4.3		a.—The lis	ted axhaust rate to	r bathroom	is-toile	et rooms	shall e	qual or exceed		
	th			the exi	laust rate at a mini	MIEOE 2	; press	sure of u	.25 Incr	water column in			
	Detherson 50 of m 20 of m				ance with Section	1.11303.3							
	Bathrooms - 50 cfm 20 cfm												
	Mechanical	Ventilation	N/1	505442	NΔ						Keep Existing		2024 Target
	weenanical	Mechanical Ventilation M1505.4.4.2									Amendment		M1505.5.2



WAC	Title or Subject	2021 IRC #	202	24 IRC #	Ra	tionale	2024 Recomm	Staff endation	2024 TAG Member Recommendation	Other Comments		
	 M1505.4.4.2 Local exhaust fans. Exhaust fans shall meet the following criteria: Exhaust fans shall be tested and rated in accordance with the airflow and sound rating procedures of the Home Ventilating Institute (HVI 915, HVI Loudness Testing and Rating Procedure, HVI 916, HVI Airflow Test Procedure, and HVI 920, HVI Product Performance Certification Procedure). Fan airflow rating and duct system shall be designed and installed to deliver at least the exhaust airflow required by Table M1505.4.4.1. The airflows required refer to the delivered airflow of the system as installed and tested using a flow hood, flow grid, or other airflow measurement device. Local exhaust systems shall be tested, balanced, and verified to provide a flow rate not less than the minimum required by this section. Design and installation of the system or equipment shall be carried out in accordance with manufacturers' installation instructions. Intermittent local exhaust systems serving kitchens shall be rated for sound at a maximum of 3 sones at one or more airflow settings not less than 100 cfm at a static pressure not less than that determined at working speed as specified in HVI 916 Section 7.2. Continuous local exhaust systems serving kitchens shall be rated for sound at a maximum of 1 sone at one or more airflow settings not less than 100 cfm at a static pressure 											
	5. Continuous local not less than that de EXCEPTIONS: 1. The installed 2. Remote mou between the far	exhaust systems etermined at work airflow is not required nted fans need not me n and the intake grille.	serving kitc ng speed a to be field-ver et sound requ	hens shall be s specified in ified where an ex irements. To be o	rated for sound at a HVI 916 Section 7. houst airflow rating at a considered for this exce	a maximum of 1 sone 2. pressure of 0.25 in. w.g. i ption, a remote mounted f	e at one or more s used, provided th fan shall be mounte	e airflow settin e duct sizing mee ed outside the kite	ngs not less than 100 cfm ets the prescriptive requirement chen, and there shall be at least	at a static pressure s of Table M1505.4.4.2. 4 feet (1 m) of ductwork		
	Mechanical Ventilation	T M1505.4.4.2		NA			Keep E Amen	_XISTING dment		2024 Target		
		I			Table Prescriptive F	M1505.4.4.2 Exhaust Duct Sizing	Amon	union		1 111000.0.2		
		Fan Te 0.25 ii	ted cfm at ches w.g.	Minimum Flex Diame	Maximum ter Length in Feet	Minimum Smooth Diameter	Maximum Length in Feet	Maximum E	lbowsª			
			50	4 inches	25	4 inches	70	3				
			50	5 inches	90	5 inches	100	3				
			50	6 inches	No Limit	6 inches	No Limit	3				
			80	4 inches ^b	NA	4 inches	20	3				
			80	5 inches	15	5 inches	100	3				
			80	6 inches	90	6 inches	No Limit	3				
			100	5 inches ^b	NA	5 inches	50	3				
			100	6 inches	45	6 inches	No Limit	3				
			125	6 inches	15	6 inches	No Limit	3				
			125	7 inches	70	7 inches	No Limit	3				
		a. For e b. Flex	ach additic ducts of thi	onal elbow, su s diameter ar	btract 10 feet from e not permitted wit	length. h fans of this size.		1				
	Mechanical Ventilation	M1505.4.4.3		NA			Keep E Amen	Existing dment		2024 Target M1505.5.3		
	M1505.4.4.3 Local intermit capture efficiency in accord EXCEPTION: Other intermittent kitc	ttent kitchen exh lance with Table N hen exhaust fans, incl	a ust syster 1505.4.4.3 ding downdra	n. Kitchen rar . Capture effi aft, shall meet or	nge hoods for dome ciency ratings shall exceed 300 cfm airflow.	stic cooking applian be determined in ac	ces shall meet cordance with	or exceed eith ASTM E3087.	ner the minimum airflow o	or the minimum		
	Mechanical Ventilation	T M1505.4.4.3		NA			Keep E Amen	Existing dment		2024 Target T M1505.5.3		
	Kit	chen Range Hoo	d Airflow R	ates (cfm) ar	Table Id ASTM E3087 Caj	M1505.4.4.3 Sture Efficiency (CE) Ratings Acco	rding to Kitch	en Range Fuel Type			
				Но	ood Over Electric	Hood Over Comb	ustion					
					Range	Range						
				65	5% CE or 160 cfm	80% CE or 250	cfm					
	Mechanical Ventilation	M1505.4.4.3.1		NA			Keep E Amen	Existing dment		2024 Target M1505.5.3.1		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments						
	M1505.4.4.3.1 Field verific	ation and diagnosti	c testing for local int	ermittent kitchen exhaust system. The la	ocal exhaust system for ki	chens shall be installed to	o comply with local						
	mechanical exhaust require	ements specified in S	ection M1505.4.4.3 a	nd shall be field verified in accordance wit	th the procedures below to	o confirm the model is rate	ed by HVI or AHAM						
	to comply with the following	g requirements:											
	1. Local intermitten	t exhaust systems for	r kitchens shall be tes	ted and verified to provide a minimum airf	low rate or capture efficie	ncy required by Table M15	05.4.4.3. Testing						
	shall include verifica	ation of the maximun	n sound rating as spee	cified in Section M1505.4.4.3.2. Testing for	r the intermittent kitchen e	xhaust systems shall occ	ur with the whole-						
	house ventilation sy	stem operating and v	with all dwelling unit o	r sleeping unit entry doors closed. Testing	for exhaust systems that i	equire makeup air in acco	ordance with						
	Section M1503.6 sh	all include verifying t	hat the mechanical m	nakeup air system is controlled to automat	tically start. Testing for exh	aust systems that do not	require mechanical						
	makeup air in accor	dance with Section N	41503.6 and that are e	exempt from pressurize equalization shall	be tested with operable of	penings manually opened	unless design						
	exhaust airflow can	be achieved with all	operable openings clo	osed. Testing shall be performed according	g to the ventilation equipm	ient manufacturer's instru	ictions, or by using a						
	now nood, now grid	, of other annow mea	suring device. Where	required by the building official, testing si	Tall be conducted by an ap	proved third party. A write	enteportortile						
	FXCEPTION.	ian be signed by the	party conducting the t	est and provided to the building officiat.									
	The installed airflow is no	ot required to be field-verif	fied where an exhaust airflo	w rating at a pressure of 0.25 in. w.g. is used, provide	ed the duct sizing meets the pres	criptive requirements of Table M	1505.4.4.2.						
	2. The verification sh	nall utilize certified ra	ating data from the HV	'I Publication 911, AHAM-Certified Range H	Hood Directory, or anothei	directory of certified prod	luct performance						
	ratings approved by	the code official for o	determining complian	ce. The verification procedure shall consis	st of visual inspection of th	e local intermittent kitche	en exhaust system						
	to verify and record	the following informa	ation:										
	2.1. The manufacturer name and model number.												
	2.2. The model is listed in the HVI, AHAM, or equivalent directory.												
	2.3. The rated airflow value listed in the HVI, AHAM, or equivalent directory.												
	2.4. The sound rating value listed in the HVI, AHAM, or equivalent directory.												
	2.5. If the value for the rated airflow given in the directory is greater than or equal to the airflow requirements specified in Section M1505.4.4.3 and if the value for the												
	sone rating given in the directory is less than or equal to the sone rating requirements specified in Section M1505.4.4.2, then the local intermittent kitchen exhaust												
	system complies, otherwise the local intermittent kitchen exhaust system does not comply.												
	CHAPTER 16 DUCT SYSTEMS (Part V Mechanical)												
	Duct Construction	M1601.1.1	M1601.1.1		Keep Existing Amendment								
	M1601.1.1 Above-ground d	luct systems. Above	-ground duct systems	s shall conform to the following:									
	1. Equipment conne	ected to duct system	s shall be designed to	limit discharge air temperature to not grea	ater than a maximum of 25	60°F (121°C).							
	2. Factory-made du	cts shall be listed an	d labeled in accordan	ce with UL 181 and installed in accordanc	e with the manufacturer's	instructions.							
	3. Fibrous duct cons	struction shall confo	rm to the SMACNA Fil	prous Glass Duct Construction Standards	or NAIMA Fibrous Glass Di	uct Construction Standard	ls.						
	4. Field-fabricated a	ind shop-fabricated r	metal and flexible duc	t constructions shall conform to the SMAC	CNA HVAC Duct Construct	tion Standards—Metal and	d Flexible, except as						
	allowed by Table M1	601.1.1. Galvanized	steel shall conform to	ASTM A 653.									
	5. The Use of gypsur	m products to constr	uct return air ducts or	plenums is permitted, provided that the a	air temperature does not e	xceed 125°F (52°C) and ex	posed surfaces are						
	not subject to conde	ensation.											
	6. Duct systems sha	all be constructed of	materials having a fla	me spread index not greater than 200.									
	7. Stud wall cavities	and the spaces betw	veen solid floor joists	shall not be used as a duct or an air plenu	m in new construction. Fo	r existing systems, stud w	all cavities and the						
		avities or spaces sha	seu as an pieriums sin	and comply with the following conditions .									
	7.1. These c	avities of spaces sha avities of spaces sha	Ill not be used as a ple	uired fire-resistance-rated assembly									
	7.3. Stud wa	Il cavities shall not c	onvey air from more t	han one floor level.									
	7.4. Stud wa	Ill cavities and ioist-s	pace plenums shall b	e isolated from adjacent concealed space	es by tight-fitting fire block	ing in accordance with Se	ction R302.11.						
	Fireblocking	materials used for is	solation shall comply	with Section R302.11.1.									
	7.5. Stud wa	Il cavities in the outs	ide walls of building e	nvelope assemblies shall not be utilized a	as air plenums.								
			CHAPTER 1	7 COMBUSTION AIR (Part V Mechanical)	·								
	General	M1701.1	M1701.1		Keep Existing Amendment								
	M1701.1 Scope. Solid-fuel-	burning appliances s	shall be provided with	combustion air in accordance with the ap	pliance manufacturer's in	stallation instructions. Oi	l-fired appliances						
	shall be provided with comb	oustion air in accorda	ance with NFPA 31. Th	e methods of providing combustion air in	this chapter do not apply t	o fireplaces, fireplace sto	ves and direct-vent						
	appliances. The requiremen	nts for combustion ar	nd dilution air for gas-	fired appliances shall be in accordance wi	ith Chapter 24.								
	Fireplaces shall comply wit	h Chapter 10.	č										
	CHAPTER 18 CHIMNEYS AND VENTS (Part V Mechanical)												



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
	NA	NA	NA	NA	NA	NA	NA					
				No Existing Amendments in Chapter 18								
	1	CHAPTE	R 19 SPECIAL APPL	ANCES, EQUIPMENT AND SYSTEMS (Par	rt V Mechanical)	· · · ·						
	NA	NA	NA	NA Na Evistina Ansandra entria Obsertan 40	NA	NA	NA					
				No Existing Amendments in Chapter 19								
				RS AND WATER HEATERS (Fait V Mecha	Keen Existing							
	Boilers and Water Heaters	Ch 20			Amendment							
	Chapter 20—Boilers and w	ater heaters.										
	Informational Note: Boilers.	water heaters and p	ressure vessels are re	gulated by chapter 70.79 RCW and chapte	er 296-104 WAC in additior	n to the requirements of th	nis code.					
	Water Heaters	M2005.1			Keep Existing Amendment							
	Section M2005.1 General.	Water heaters shall t	pe installed in accord	ance with Chapter 28 5 of the state plumb	ing code, the manufacture	r's instructions and the re	quirements of this					
	code. Water heaters installed in an attic shall comply with the requirements of Section M1305.1.2. Gas-fired water heaters shall comply with the requirements in Chapter 24. Domestic electric water heaters shall comply with UL 174. Oil-fired water heaters shall comply with UL 732. Thermal solar thermal water heaters heating systems shall comply with Chapter 23 and HCC 900/SRCC 300-UL 174. Solid fuel-fired water heaters shall comply with UL 2523.											
			CHAPTER 2'	1 HYDRONIC PIPING (Part V Mechanical)								
	Installation	M2101.3	M2101.3		Amendment							
	M2101.3 Protection of pota	able water. The pota	ble water system sha	ll be protected from backflow in accordan	ce with the provisions liste	d in Section P2902 603 of	the state plumbing					
	code.											
	Floor Heating Systems	M2103.3	M2103.3		Keep Existing Amendment							
	M2103.3 Piping ioints. Cop	per and copper allow	svstems shall be sole	dered . brazed. or press connected. Solder	ing shall be in accordance	with ASTM B 828. Fluxes	for soldering shall					
	 accordance with ASME B 813. Brazing fuxes shall be in accordance with AWS AS.31. Press-connect joints shall be in accordance with ASME B 10.51. Piping joints that are embedded shall be installed in accordance with the following requirements: Steel pipe joints shall be welded. Copper tubing shall be joined by brazing complying with Section P3003.6.1 605 of the state plumbing code. Polybutylene pipe and tubing joints shall be installed with socket-type heat-fused polybutylene fittings. CPVC tubing shall be joined using solvent cement joints. Polypropylene pipe and tubing joints shall be installed with socket-type heat-fused polypropylene fittings. Cross-linked polyethylene (PEX) tubing shall be joined using cold expansion, insert or compression fittings. 											
	Ground-Source Heat-Pump	M2105.9	M2105.9		Keep Existing							
	System Loop Piping		VO plastia sins au filli	ngo aball ba achuant ann antail is ann air	Amendment	1.0.005 of the state of the	hind and a Thursday					
	joints between fittings and C	CPVC plastic pipe sh	all be in accordance v	ngs shall be solvent-cemented in accorda vith Section M2105.9.1.	ince with Section P2906.9.	1.2 605 of the state plum	oing code. Inreaded					
	Ground-Source Heat-Pump System Loop Piping	M2105.14	M2105.14		Keep Existing Amendment							
	M2105.14 PVC plastic pipe	. Joints between PVC PVC plastic pipe shal	C plastic pipe or fitting l be in accordance wi	s shall be solvent-cemented in accordance the solvent of the solvent of the solvent of the solution of the sol	ce with Section P2906.9.1.	4 605 of the state plumbin	ng code. Threaded					
	Ground-Source Heat-Pump	M2105.18	M2105.18		Keep Existing							
	M2105.18 Protection of po	table water. Where a	ground-source heat-n	ump ground-loop systems have a connect	tion to a potable water sup	ply, the potable water sys	tem shall be					
	protected from backflow in	accordance with Sec	ction P2902 603 of the	e state plumbing code								
	Ground-Source Heat-Pump	M2105.19	M2105.19	processing 000001	Keep Existing							
	M2105.19 Pipe penetration elements shall be sleeved.	n s. Openings for pipe The annular space su	penetrations in walls rrounding pipe penet	, F, floors and ceilings shall be larger than th rations shall be protected in accordance v	e penetrating pipe. Openin with Section P2606.1 312 c	u ngs through concrete or m of the state plumbing code	asonry building					
		CHA	APTER 22 SPECIAL P	IPING AND STORAGE SYSTEMS (Part V M	Mechanical)							
	NA	NA	NA	NA	NA	NA	NA					
		C	HAPTER 23 SOLAR	No Existing Amendments in Chapter 19 THERMAL ENERGY SYSTEMS (Part V Med	chanical)							



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	Solar Thermal Energy Systems	M2301.2.3	M2301.2.3		Keep Existing Amendment						
	M2301.2.3 Pressure and te	mperature relief va	lves and system com	ponents. System components containing	g fluids shall be protected v	with temperature and pres	ssure relief valves or				
	pressure relief valves. Relief	devices shall be ins	talled in sections of the	he system so that a section cannot be valv	red off or isolated from a re	lief device. Direct system	s and the potable				
	water portion of indirect sys	tems shall be equip	ped with a relief valve	in accordance with Section P2804 -504 of	the state plumbing code. F	or indirect systems, press	sure relief valves in				
	solar loops shall comply wit	h SRCC 300 System	components shall h	ave a working pressure rating of not less th	an the setting of the press	ure relief device					
	Solar Thermal Energy				Keep Existing						
	Systems	M2301.2.5	M2301.2.5		Amendment						
	M2301.2.5 Piping insulatio	n. Piping shall be ins	ulated in accordance	with the requirements of Chapter 11 the s	state energy code. Exterior	insulation shall be protec	ted from ultraviolet				
	degradation. The entire sola	r loop shall be insula	ated. Where split-style	e insulation is used, the seam shall be sea	led. Fittings shall be fully in	nsulated.					
	Exceptions:										
	1.—Those portions of the piping that are used to help prevent the system from overheating shall not be required to be insulated.										
	2.—Those portions of piping that are exposed to solar radiation, made of the same material as the solar collector absorber plate and are covered in the same manner as the solar										
	collector absorber, or that are used to collect additional solar energy, shall not be required to be insulated.										
	3-Pining in thermal sol	lar systems using un	glazed solar collector	to heat a swimming nool shall not be rec	wired to be insulated						
	Solar Thermal Energy				Keep Existing						
	Systems	M2301.4	M2301.4		Amendment						
	M2301.4 Heat transfer gas	ses or liquids and h	eat exchangers. Esse	entially toxic transfer fluids, ethylene glyco	l, flammable gasses and fl	ammable liquids shall no	t be used as heat				
	transfer fluids. Heat transfe	gasses and liquids	shall be rated to withs	stand the system's maximum design temp	erature under operating co	nditions without degradat	ion. Heat				
	exchangers used in solar the	ermal systems shall	comply with Section	22902.5.2 603.5.4 of the state plumbing co	ode and ICC 900/ SRCC 300).					
	Heat transfer fluids shall be	in accordance with	ICC 900/SBCC 300 TI	he flash point of the heat transfer fluids ut	ilized in solar thermal syste	ems shall be not less than	50 degrees E above				
	the design maximum nononerating or no-flow temperature attained by the fluid in the collector										
	Solar Thermal Energy				Keen Existing						
	Systems	M2301.7	M2301.7		Amendment						
	M2301.7 Solar thermal sys	tems for heating po	table water. Where a	solar thermal system heats potable wate	r to supply a potable hot w	ater distribution system, t	he solar thermal				
	system shall be in accordan	ce with Sections M2	301.7.1, M2301.7.2 a	nd P2902.5.5 the state plumbing code.		,					
	Solar Thermal Energy	M0004 7 4	M0204 7 4		Keep Existing						
	Systems	WI2301.7.1	IVI2301.7.1		Amendment						
	M2301.7.1 Indirect system	 Heat exchangers t 	hat are components of	of indirect solar thermal heating systems s	shall comply with P2902.5.	2 the state plumbing code).				
	Solar Thermal Energy	M2301 7 2	M2301 7 2		Keep Existing						
	Systems	1012001.1.2	WI2001.7.2		Amendment						
	M2301.7.2 Direct systems.	Where potable wate	er is directly heated by	/ a solar thermal system, the pipe, fittings,	valves and other compone	ents that are in contact wi	th the potable water				
	in the solar heating system s	shall comply with the	e requirements of Cha	apter 29 6 of the state plumbing code.							
			CHAPT	ER 24 FUEL GAS (Part VI Fuel Gas)							
	NA	NA	NA	NA NA	NA	NA	NA				
				No Existing Amendments in Chapter 24							
	ΝΔ	ΝΔ			NA	ΝΑ	ΝΔ				
	INA This Ch	INA In Adopted is not adopted i	NA Der WAC 51-51-003 Er	NA pr Plumbing Provisions, see WAC 51-56, Add	I INA	e Uniform Plumbing Code	INA				
			HAPTER 26 GENERA	I PLUMBING REQUIREMENTS (Part VII P	(lumbing)	e onitorni i futibility code.					
	NA	NA	NA	NA	NA	NA	NA				
	This Ch	apter is not adopted	per WAC 51-51-003. Fo	or Plumbing Provisions, see WAC 51-56. Add	option and Amendment of th	e Uniform Plumbing Code.					
			CHAPTER 27	PLUMBING FIXTURES (Part VII Plumbing))	U					
	NA	NA	NA	NA	NA	NA	NA				
	This Ch	apter is not adopted	per WAC 51-51-003. Fo	or Plumbing Provisions, see WAC 51-56. Add	option and Amendment of th	e Uniform Plumbing Code.					
			CHAPTER 2	8 WATER HEATERS (Part VII Plumbing)							
	NA	NA NA		NA NA	I NA	NA NA	NA				
	This Ch	apter is not adopted	Der WAC 51-51-003. Fo	or Plumbing Provisions, see <u>WAC 51-56</u> . Add	option and Amendment of th	e Unitorm Plumbing Code.					
	NA	NIA				NA	NIA				
		INA Inter is not adopted i	NA Der WAC 51 51 002 Ε/	INA or Plumbing Provisions, see WAC 51,56, Adv	INA Intion and Amendment of th	NA e Uniform Plumbing Code	INA				
	Dwelling Unit Fire-Sprinkler				Keen Existing						
	Systems	P2904.1.1	P2904.1.1		Amendment						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	P2904.1.1 Required sprink	ler locations. Sprin	klers shall be installed	to protect all areas of a dwelling unit.			
	EXCEPTIONS:						
	1. Uninhabitable attics	s, crawl spaces and r	normally unoccupied	concealed spaces that do not contain fue	l-fired appliances do not re	quire sprinklers. In <mark>unin</mark> ha	abitable attics,
	crawl spaces and no	ormally unoccupied	concealed spaces that	at contain fuel-fired equipment, a sprinkle	r shall be installed above th	ne equipment; however, s	prinklers shall not
	be required in the re	mainder of the spac	e.				
	2. Clothes closets, line	en closets and pantri	ies not exceeding 24 s	quare feet (2.2 m2) in area, with the small	est dimension not greater t	than 3 feet (915 mm) and	having wall and
	ceiling surfaces of g	vpsum board.	0				0
	3. Bathrooms not more	e than 55 square feet	t (5,1 m2) in area.				
	4. Garages: carports: e	exterior porches: unb	neated entry areas, su	ch as mud rooms, that are adjacent to an	exterior door: and similar a	ireas.	
		, and percence, and	CHAPTER 30	SANITARY DRAINAGE (Part VII Plumbing			
	NA	NA	NA	NA	NA	NA	NA
	This Cł	hapter is not adopted	per WAC 51-51-003. F	or Plumbing Provisions, see WAC 51-56. Ad	option and Amendment of th	e Uniform Plumbing Code.	L.
		•	CHAP	TER 31 VENTS (Part VII Plumbing)			
	NA	NA	NA	NA	NA	NA	NA
	This Ch	napter is not adopted	per WAC 51-51-003. F	or Plumbing Provisions, see <u>WAC 51-56</u> . Ad	option and Amendment of th	e Uniform Plumbing Code.	
		1	CHAP	TER 32 TRAPS (Part VII Plumbing)			
	NA	NA	NA NA	NA NA	NA	NA NA	NA
	This Cr	hapter is not adopted	per WAC 51-51-003. F	or Plumbing Provisions, see WAC 51-56. Ad	option and Amendment of th	e Uniform Plumbing Code.	
	NA	ΝΑ		3 STORM DRAINAGE (Part VII Plumbing)	NA	NA	ΝΑ
		INA nanter is not adopted i	NA per WAC 51 51 003 E	INA or Plumbing Provisions, see WAC 51 56 Ad	option and Amendment of th	A Uniform Plumbing Code	INA
	This Ci	lapter is not adopted	CHAPTER 34 GE	NERAL REQUIREMENTS (Part VIII Electri	cal)	e oniionn Fluinbing Code.	
	NA	NA	NA	NA	NA	NA	NA
		This Chapter is not a	adopted per WAC 51-5	1-003. For Electrical Provisions, see WAC 29	96-46B. Adoption of the Natio	onal Electric Code.	
			CHAPTER 35 EL	ECTRICAL DEFINITIONS (Part VIII Electri	cal)		
	NA	NA	NA	NA	NA	NA	NA
		This Chapter is not a	dopted per WAC 51-5	1-003. For Electrical Provisions, see WAC 29	06-46B. Adoption of the Natio	onal Electric Code.	
			CHAPTE	ER 36 SERVICES (Part VIII Electrical)			
	NA	NA	NA	NA	NA	NA	NA
		This Chapter is not a	adopted per WAC 51-5	1-003. For Electrical Provisions, see WAC 29	6-46B. Adoption of the Natio	onal Electric Code.	
		CHAP	TER 37 BRANCH CIRC	CUIT AND FEEDER REQUIREMENTS (Part	t VIII Electrical)		
	NA	NA This Chanter is not a	NA NA	NA 1.002 For Flootricel Drovisions, and MAC 20	NA NA	NA NA	NA
		This Chapter is not a		1-003. FOR Electrical Provisions, see WAC 29	<u>Adoption of the National Contractors</u>	bhai Electric Code.	
	ΝΔ	ΝΔ			ΝΔ	ΝΑ	ΝΔ
		This Chapter is not a	donted per WAC 51-5	1-003 For Electrical Provisions, see WAC 29	6-46B Adoption of the Natio	nal Electric Code	INA
			CHAPTER 39 POWER	AND LIGHTING DISTRIBUTION (Part VIII	lectrical)		
	NA	NA	NA	NA	NA NA	NA	NA
		This Chapter is not a	adopted per WAC 51-5	1-003. For Electrical Provisions, see WAC 29	6-46B. Adoption of the Natio	onal Electric Code.	
			CHAPTER 40 DE	VICES AND LUMINARIES (Part VIII Electri	cal)		
	NA	NA	NA	NA	NA	NA	NA
		This Chapter is not a	adopted per WAC 51-5	1-003. For Electrical Provisions, see <u>WAC 29</u>	<u>96-46B</u> . Adoption of the Nation	onal Electric Code.	
		1	CHAPTER 41 AP	PLIANCE INSTALLATION (Part VIII Electri	ical)		
	NA	NA	NA	NA	NA	NA	NA
		This Chapter is not a	adopted per WAC 51-5	1-003. For Electrical Provisions, see WAC 29	<u>96-46B</u> . Adoption of the Natio	onal Electric Code.	
	NIA		CHAPTER 4	2 SWIMMING POOLS (Part VIII Electrical)	NIA		NIA
	NA NA	This Chapter is not a	I INA	INA	NA NA	INA INA	INA
	1		S 2 REMOTE CONTR		RCHITS (Part VIII Electrica		
	ΝΔ	NA				ΝΔ	NΔ
		This Chapter is not a	adopted per WAC 51-5	1-003 For Electrical Provisions see WAC 29	6-46B. Adoption of the Natio	onal Electric Code	
			HAPTER 44 REFERE	NCED STANDARDS (Part IX Referenced S	tandards)		
	Association of Home				Keep Existing		
	Appliance Manufacturers	CH 44	CH 44		Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments				
	AHAM Association of Home Applia 1111 19th St N.W., #402	ince Manufacturers									
	Washington D.C. 20036 HRH-2-2019: Household R M1505.4.4.2	ange Hoods.									
	Certified Range Hood Dire M1505.4.4.3.1	ctory									
	Asociacion Nacional de Certificacion y Estandares(National Association of Standardization and Certification)	CH 44	CH 44		Modify Existing Amendment		Update to Newest Standard. <mark>Not</mark> included in Model 2024 code.				
	ANCE	•	•		-	·					
	NMX-J-521/2-40-ANCE 2 Particular Requirements for M1403.1, M1412.1, M1413.	<mark>014-2019</mark> /CAN/CSA or <mark>Electric</mark> Heat Pur 1	-22.2 No. 60335-2-40 nps, Air-Conditioner	— 12-19 /UL 60335- 2-40- <mark>2019 Safety of I-</mark> s and Dehumidifiers.	lousehold and Similar Ele	ectrical Appliances - <mark>Saf</mark> o	ety-Part 2-40:				
	American National Standards Institute	CH 44	CH 44		Modify Existing Amendment		Update to Newest Standard. Verify Reference to G2414.5.4				
	ANSI CSA/ANSI LC 1-19-2018/CSA 6.26—2016-1819: Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST). G2414.5.4 G2414.4.4, G2411.3, G2415.5 403.5.5										
	American Society of Heating, Refrigerating, and Air-Conditioning Engineers	CH 44	CH 44		Keep Existing Amendment						
	ASHRAE										
	34—2019: Designation and	Safety Classificati	on of Refrigerants.								
	M1411.1 62.2-2019: Ventilation and M1505.1	Acceptable Indoor	Air Quality in Reside	ntial Buildings.							
	American Society for Testing and Materials	CH 44	CH 44		Keep Existing Amendment						
	ASTM										
	E2556/E2556M-2010 (2016) M1411.1 R703.2): Standard Specific	ation for Vapor Perm	leable Flexible Sheet Water-Resistive B	arriers Intended for Mech	anical Attachment.					
	E2558-2013: Standard Test R1004.1.1	t Method for Detern	nining Particulate Ma	tter Emissions from Fires in Wood-burn	ing Fireplaces.						
	E3087—18: Standard Test Method for Measuring Capture Efficiency of Domestic Range Hoods. M1505.4.4.3.2, Table M1505.4.4.3										
	Canadian Standards Association	CH 44	CH 44		Keep Existing Amendment						
	CSA CAN/CSA/C22.2 No. 60335	5-2-40-2012 60335-	2-40—2019								
	NMX-J-521/2-40-ANCE—20 for Electric Heat Pumps, A	NMX-J-521/2-40-ANCE—2019/CAN/CSA-C22.2 No. 60335-2-40—19/UL 60335-2-40-2019 Household and Similar Electric Appliances, Part 2-40-Safety: Particular Requirements for Electric Heat Pumps, Air-Conditioners and Dehumidifiers.									
	M2006.1			r	Koon Evisting		r				
	Home Ventilating Institute	CH 44	CH 44		Amendment						



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments		
	HVI Publication 911: Certified Home Ventilation Products Directory. M1505.4.3.1 HVI Publication 915 (2016 with 2020 Update): Procedure for Loudness Rating of Residential Fan Products. M1505.4.1.2, M1505.4.1.3, M1505.4.4.2 HVI Publication 916 (2015 with 2020 Update): Air Flow Test Procedure. M1505.4.1.2, M1505.4.1.3, M1505.4.4.2 HVI Publication 920 (2020): Product Performance Certification Procedure Including Verification and Challenge. M1505.4.1.2, M1505.4.1.3, M1505.4.1.5, M1505.4.4.2 Underwriters Laboratories CH 44 CH 44 M4								
	Underwriters Laboratories UL UL/CSA/ANCE 60335-2-40 Dehumidifiers.	CH 44 — 2012- 2019 House	CH 44	ctrical Appliances Safety-Part 2-40: Part	Amendment	Electrical Heat Pumps, A	ir Conditioners and		
	M1403.1, M1412.1, M1415.	1	CHAPTER 45 EXIST	ING BUILDINGS (Part IX Referenced Stan	dards)				
	Scope and Purpose	R4501.1	NA		Keep Existing Amendment				
	R4501.1 General. <i>Repairs</i> , modified by this chapter. St	alterations, additions ructural elements an	s, and relocation of ex Id systems shall comp	isting buildings and structures shall comp ply with Section R102.7.1 and the provision	ly with the provisions of th ns of this chapter.	is code for new construct	ion, except as		
	Compliance	R4502.1	NA		Keep Existing Amendment				
	plumbing system to becom code or to any previously ap	e unsafe, hazardous, pproved alternative a	insanitary, or overloa rrangements than it w	ded; and unless expressly permitted by the practice of adversely arect the product of a dversely arect of a dversely are the product of a dversely arect of a dversely are the product of a dversely are the produ	ese provisions, shall not n	ake the building any less	compliant with this		
	Compliance	R4502.2	NA		Keep Existing Amendment				
	R4502.2 Structural. Structural. Chapter 10 of the Internation	ural elements and sy nal Residential Code	stems that are altered ounless noted otherw	I, repaired, or replaced shall comply with t ise.	he structural provisions of	this chapter and of Chap	ter 3 through		
	Compliance	R4502.2.1	NA		Keep Existing Amendment				
	R4502.2.1 Minimum design the structural components unsafe shall be repaired in a	n loads. The minimu shall comply with the accordance with Sec	m design loads for the e <i>International Reside</i> tion R102.7.1.	e structure shall be the loads applicable at ntial Code. Structural elements that are u	t the time the building was ncovered during the cours	constructed. The minimu e of the alteration and tha	m design loads for t are found to be		
	Compliance	R4502.2.2	NA		Keep Existing Amendment				
	R4502.2.2 Unreinforced m installed at the roofline whe the existing bracing and and	asonry parapet brac never a reroofing per chorage.	cing. Unreinforced ma rmit is issued. Such pa	asonry buildings located in Seismic Desigr arapet bracing and wall anchors shall be o	n Category D0, D1, or D2 sł f an approved design unle	nall have parapet bracing a ss an evaluation demonst	and wall anchors rates compliance of		
	Compliance	R4502.3	NA		Keep Existing Amendment				
	R4502.3 Smoke alarms. Sr	noke alarms shall be	provided in accordar	ce with Section R314.2.2.					
	Compliance	R4502.4	NA		Keep Existing Amendment				
	R4502.4 Carbon monoxide	alarms. Carbon mo	noxide alarms shall b	e provided in accordance with Section R3	15.2.2.		T		
	Compliance	R4502.5	NA		Keep Existing Amendment				
	R4502.5 Replacement win comply with the requirement	dows. Where an exis nts of Sections 4502.	ting window, includin 5.1 through 4502.5.5	g the sash and glazed portion, or safety gla as applicable.	azing is replaced, the repla	cement window or safety	glazing shall		
	Compliance	R4502.5.1	NA		Keep Existing Amendment				
	R4502.5.1 Energy efficience	y. Replacement win	dows shall comply wit	th the requirements of the Washington Sta	te Energy Code-Residentia	al.			



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
	Compliance	R4502.5.2	NA		Keep Existing Amendment					
	R4502.5.2 Safety glazing.	Replacement glazing	in hazardous location	ns shall comply with the safety glazing requ	uirements of Section R308	•				
	Compliance	R4502.5.3	NA		Keep Existing Amendment					
	R4502.5.3 Window fall pro EXCEPTION: Where only the windo	tection. Window fall w glazing is being replaced	protection shall be in	stalled in accordance with Section R312.2	2.					
	Compliance	R4502.5.4	NA		Keep Existing Amendment					
	R4502.5.4 Replacement w	indows for emergen	icy escape and rescu	ie openings. Replacement windows shall	be exempt from Sections I	R310.2 and R310.4.4, prov	vided that the			
	1. The replacement window is the manufacturer's largest standard size window that will fit within the existing frame or existing rough opening. The replacement window is of the same operating style as the existing window or a style that provides for an equal or greater window opening area than the existing window. 2. The replacement window is not part of a change of use.									
	Compliance	R4502.5.5	NA		Keep Existing Amendment					
	R4502.5.5 Window openin with Section R310.1.1 or at	g control device and as low a height as ca	fall protection devi n be installed within t	ce height. Window opening control device he existing clear opening.	es or fall protection device	shall be located at a heigh	nt in accordance			
	Compliance	R4502.6	NA		Keep Existing Amendment					
	R4502.6 Flood hazard area R105.3.1.1.	is. Work performed in	n existing buildings lo	cated in a flood hazard area as established	d by Table R301.2 shall be s	subject to the provisions of	of Section			
	Repairs	R4503.1	NA		Keep Existing Amendment					
	R4503.1 General. <i>Repairs</i> s necessary for the required r	hall comply with the epair of damaged co	applicable provisions mponents shall be cc	s of the code for new construction or as pe onsidered part of the repair and shall not be	ermitted by this section. We e subject to requirements	ork on undamaged compo for alterations.	onents that is			
	Repairs	R4503.2	NA		Keep Existing Amendment					
	R4503.2 Materials. Materia	ls used during repair	s shall comply with th	is section.						
	Repairs	R4503.2.1	NA		Keep Existing Amendment					
	R4503.2.1 New and replac materials shall be permitter of similar occupancy, purpo	ement materials. Ex d for <i>repairs</i> , provided ose, and location.	cept as otherwise rec d that <i>unsaf</i> e conditio	quired or permitted by this code, materials ns are not created. Hazardous materials s	permitted by this code for hall not be used where this	new construction, shall t s code does not permit th	be used. Like eir use in buildings			
	Repairs	R4503.2.2	NA		Keep Existing					
	R4503.2.2 Existing materia	ls. Materials already	in use in a building in	compliance with requirements or approve	als in effect at the time of t	heir erection or installatio	n shall be permitted			
	to remain in use unless det	ermined by the buildi	ng official to be <i>unsat</i>	fe.	Koon Existing					
	Repairs	R4503.2.3	NA		Amendment					
	R4503.2.3 Plumbing mater 1. All-purpose solve 2. Flexible traps and 3. Solder having mo	rials and supplies. T nt cement, unless lis I tailpieces, unless lis re than 0.2-percent l	he following plumbing sted for the specific ap sted for the specific a ead in the repair of pc	g materials and supplies shall not be used oplication. pplication. itable water systems.	:					
	Repairs	R4503.3	NA		Keep Existing Amendment					
	R4503.3 Water closets. Wh Plumbing Code Section 411	nere any water closet	is replaced with a ne	wly manufactured water closet, the replac	ement water closet shall o	comply with the requireme	ents of Uniform			
	Repairs	R4503.4	NA		Keep Existing Amendment					
	R4503.4 Structural. Repair	ed structural elemen	ts and systems shall	comply with Section R102.7.1 and the stru	ictural provisions of this ch	hapter.	I			
	Repairs	R4503.5	NA		Keep Existing Amendment					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	R4503.5 Demolition and re replaced building, including EXCEPTION:	gits replaced foundat	a building or structure tion, shall comply wit	is effectively demolished by damage or w h requirements for new construction in the	here the intended method International Residential	of repair is demolition an <i>Code</i> .	d replacement, the
	Alterations	R4504.1	NA		Keep Existing		
	R4504.1 General. Alteration	s to existing building	s shall comply with t	ne provisions of this code for new construc	ction, except as permitted	by this section.	
	Alterations	R4504.2	NA		Keep Existing Amendment		
	R4504.2 Newly constructe EXCEPTION: Added openable windo	d elements. Newly of the second secon	constructed elements	e, components, and systems shall comply titilation requirements of Section R303.	with the requirements of th	nis code.	
	Alterations	R4504.3	NA		Keep Existing Amendment		
	R4504.3 Nonconformities.	The work shall not in	ncrease the extent of r	noncompliance or create nonconformity to	o those requirements that o	did not previously exist.	ſ
	Alterations	R4504.4	NA		Keep Existing Amendment		
	R4504.4 Structural. Altered requirements of this code for accordance with Section R1	I structural elements or new construction. 102.7.1.	and systems shall co Structural elements t	omply with Section R102.7.1 and the struct hat are uncovered during the course of the	tural provisions of this cha e alteration and that are fou	pter. New elements shall und to be unsafe shall be	meet all of the repaired in
	Alterations	R4504.4.1	NA		Keep Existing Amendment		
	R4504.4.1 Decreased strue shall be altered to comply w	ctural capacity. Whe	ere an alteration caus ovisions of Chapters	es a decrease in capacity in any structural 3, 4, 5, 6, and 8.	component, that structura	al component shall be sho	own to comply or
	Alterations	R4504.4.2	NA		Keep Existing Amendment		
	load, including the foundati do not provide support for the Alterations	on, shall be shown to he increased loads s R4504.4.2.1	comply or shall be a hall not be required to NA	Itered to comply with the applicable provis comply with this section.	sions of Chapters 3, 4, 5, 6 Keep Existing	, and 8. Existing structura	l components that
	P4504 4 2 1 Dead load inc	rease Deadload sh	all be considered to b	e increased for purposes of this section wh	Amendment	used for the alteration ex	coods the weight of
	the materials replaced, or w EXCEPTION: 1. Buildings in which the inc 2 Installation of rooffon-mo	rease. Dead toad sha hen new materials o rease in dead load is due	entirely to the addition of a	second layer of roof covering weighing 3 pounds per	r square foot (0.1437 kN/m2) or le	ess over an existing single layer o	f roof covering.
	Alterations	R4504 4 2 2	NA		Keep Existing		
	P4504 4 2 2 Live load incre		ive load shall be dete	rmined based on Table P301 5	Amendment		
	Alterations	R4504.4.2.3	NA		Keep Existing		
	R4504.4.2.3 Snow load inc accumulate drifted snow.	rease. Snow load sh	all be considered to b	e increased for purposes of this section w	hen alteration of the roof c	onfiguration creates new	areas that
	Alterations	R4504.4.2.4	NA		Keep Existing Amendment		
	R4504.4.2.4 Wind load incl increased by more than 5 pe	rease. Wind load sha ercent.	all be considered to b	e increased for purposes of this section wh	nen the surface area of any	exterior elevation subject	t to wind pressure is
	Alterations	R4504.4.2.5	NA		Keep Existing Amendment		
	R4504.4.2.5 Seismic load i or D2 where new materials i 1. Concrete tile or ti 2. Brick veneer or cla	ncrease. Seismic loa replace lighter weigh le roof covering of sir adding of similar wei	ad shall be considere t materials in one of t nilar weight is installe ght is installed on wal	d to be increased for purposes of this sect he following conditions: ed on more than 50 percent of the total roo ls above the second story.	ion in existing buildings ass f area.	signed to Seismic Design	Category C, D0, D1,
	Alterations	R4504.5	NA		Keep Existing Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	R4504.5 Ventilation. Recor accordance with Section R3	nfigured spaces inter 303.	ided for occupancy ai	nd spaces converted to habitable or occup	biable space in any work ar	ea shall be provided with	ventilation in
	Alterations	R4504.6	NA		Keep Existing Amendment		
	R4504.6 Ceiling height. Wh Bathrooms, toilet rooms, an EXCEPTIONS: 1. For rooms with sloped ce than 6 feet 8 inches (2134 2. At beams, girders, ducts,	nere a habitable attic ad laundry rooms sha ilings, the required floor a 4 mm). or other obstructions, the	or habitable space in all have a ceiling heigh rea of the room shall have ceiling height shall be not l	a basement is created in an existing build it of not less than 6 feet 4 inches (1931 mn a ceiling height of not less than 5 feet (1524 mm) and ess than 6 feet 4 inches (1931 mm) from the finished	ing, ceiling height shall no n). not less than 50 percent of the re floor.	t be less than 6 foot 8 inch equired floor area shall have a ce	nes (2032 mm). Hiling height of not less
	Alterations	R4504.7	NA		Keep Existing Amendment		
	R4504.7 Stairways, handra	iils, and guards. Sta	irs, handrails, and gua	ards shall comply with this section.			
	Alterations	R4504.7	NA		Keep Existing Amendment		
	R4504.7.1 Stairway illumir	ation. Stairways wit	hin the work area sha	ll be provided with illumination in accorda	nce with Section R303.6.	I	
	Alterations	R4504.7.2	NA		Keep Existing Amendment		
	R4504.7.2 Stair width. Exis	ting stairs not otherv	vise being altered or n	nodified shall be permitted to maintain the	ir current clear width at, a	bove and below existing h	andrails.
	Alterations	R4504.7.3	NA		Keep Existing Amendment		
	R4504.7.3 Stair headroom otherwise being altered sha	Headroom height o Il be permitted to ma	n existing stairs being aintain the current fini	altered or modified shall not be reduced b shed headroom.	elow the existing stairway	finished headroom. Exist	ing stairs not
	Alterations	R4504.7.4	NA		Keep Existing Amendment		
	R4504.7.4 Stair landing. La otherwise being altered sha	Indings serving existi Il be permitted to ma	ng stairs being altered aintain the current lan	d or modified shall not be reduced below th ding depth and width.	ne existing stairway landin	g depth and width. Existin	g stairs not
	Alterations	R4504.7.5	NA		Keep Existing Amendment		
	R4504.7.5 Stair treads and pitch or slope. Where risers	risers. An existing s are added to an exis	tairway shall not be re ting stair, the tread an	equired to comply with Section R311.7.5 w d riser dimensions of the added risers sha	here the existing space an Il match the existing stair.	d construction does not a	llow a reduction in
	Alterations	R4504.7.6	NA		Keep Existing Amendment		
	R4504.7.6 Handrails and g R312.	uards. Where a stair	or any portion of a sta	ir is reconstructed, a handrail and guard, v	where required, shall be p	ovided in accordance wit	h Section R311 and
	Additions	R4505.1	NA		Keep Existing		
	R4505.1 Additions to an ex	isting building. Add	itions shall comply wi	th this section and other applicable provis	sions of this code for new c	onstruction.	
	Additions	R4505.2	NA		Keep Existing Amendment		
	R4505.2 Structure for horiz the addition shall meet all o code. In wood light-frame a Wall top plates shall be lapp EXCEPTION: The structural compor	zontal additions. Wh f the requirements o dditions, connection oed and spliced in ac ments of the <i>addition</i> shall	nere an addition involv f this code for new co of the structural com cordance with Section pe permitted to be connect	ves new construction next to and attached nstruction. Alterations to the existing build ponents shall be permitted to be provided n R602.3.2. Abutting studs shall be fasten ed to the existing building in accordance with accepte	to an existing building and ling shall comply with the using wall top plates and ed in accordance with Tab ed engineering practice.	I includes alterations to the requirements governing al addition studs that abut t le R602.3(1).	ne existing building, terations within this ne existing building.
	Additions	R4505.3	NA		Keep Existing Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	R4505.3 Structure for verti of the existing building, the EXCEPTION: Where the new structu existing structure, no structural alte	cal additions. Wher new construction an ure and the existing struction erations are required.	e an addition involves d the existing building ure together are evaluated	new construction that adds a story to any together shall meet all of the requiremen in accordance with accepted engineering practice an	<pre>/ part of the existing buildir ts of this code for new con d are shown to be sufficient to su</pre>	ng or vertically increases t struction. pport the combined loads from	he height of any part
	Relocations	R4506.1	NA		Keep Existing Amendment		
	R4506.1 Relocated buildin classification of the building code applicable to the work	gs. Residential build g or structure is not c being performed.	lings or structures mo changed. Any repair, a	ved into or within the jurisdiction are not re Iteration, or change of use undertaken wit	equired to comply with the hin the relocated structure	requirements of this cod shall comply with the rec	e if the original use juirements of this
	ΝΔ	ΝΑ		SIZING AND CAPACITIES OF GAS PIPINO	G NA	ΝΔ	ΝΑ
			INA INA	No Existing Amendments in Appendix AA		INA.	NA NA
APPENDIX	AB SIZING OF VENTING SYS	TEMS SERVING APP	PLIANCES EQUIPPED	WITH DRAFT HOODS, CATEGORY I APP	LIANCES AND APPLIANC	ES LISTED FOR USE WIT	H TYPE B VENTS
	NA	NA	NA	NA No Existing Amondmonts in Appendix AP	NA	NA	NA
		APPENDIX AC	EXIT TERMINALS OF	MECHANICAL DRAFT AND DIRECT-VEN	IT VENTING SYSTEMS		
	NA	NA	NA	NA	NA	NA	NA
				No Existing Amendments in Appendix AC			•
	APP			FOR SAFETYINSPECTION OF AN EXIST		ATION	NA
	INA	INA	INA INA	No Existing Amendments in Appendix AD	INA	NA	NA
			APPENDIX AE MAN	IUFACTURED HOUSING USED AS DWELI	LINGS		
	NA	NA	NA	NA	NA	NA	NA
				No Existing Amendments in Appendix AE			
	Scope	AF101.1	BE101.1		Keep Existing Amendment		
	A for the General times appendix by Inclusion of this appendix by designation in Figure AF101 Unvented crawl spaces are spaces as specified in R4028 Figure AF101 EAA Inclusion of this appendix by the figure AF101 EAA Figure AF101 EAA Fig	<pre>share contrains require y jurisdictions shall t AF101.1 and as lister not permitted in any 3.3. Dr OF RADON ZONES LEGENDI</pre>	Ci/L and greater wided the radon Ci/L and greater wided the radon contains and contains and co	Ion potential counties as determined throi F 101.1 . county. In other areas, requirements of this	s appendix apply to any str	able data or determination	n of Zone 1 Invented crawl
	Scope	T AF101(1)	T BE101(1)		Amendment		



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments			
-	TABLE AF101(1) HIGH RAD	ON POTENTIAL (ZOM	NE 1) COUNTIES ^A							
	[Washington] Clark, Ferry, (<u>Okanogan, Pend Orei</u>	, ille, Skamania, Spoka	ne, Stevens.						
	a. EPA recommends that this county listing be supplemented with other available state and local data to further understand the radon potential of Zone 1 areas.									
-	Poquiromonto	AE102.1	PE102 1		Keep Existing					
	Requirements	AF 103.1	BE 103.1		Amendment					
	AF103.1 General. The follow	wing construction teo	chniques are intended	l to resist radon entry and prepare the buil	ding for post-construction	radon mitigation, if neces	sary (see Figure			
	AF103.1). These techniques	are required in high	radon potential count	ties areas where designated in Table AF10 ⁻	1(1) by the jurisdiction .					
			APPENDIX AG PIPIN	IG STANDARDS FOR VARIOUS APPLICA	TIONS					
	NA	NA	NA	NA NA	NA	NA	NA			
	ΝΔ	ΝΑ			NA	ΝΔ	ΝΛ			
	INA	NA NA	INA	NA No Existing Amendments in Appendix AH	INA	INA	INA			
				IX AI PRIVATE SEWAGE DISPOSAL						
	NA	NA	NA	NA	NA	NA	NA			
				No Existing Amendments in Appendix AI						
			APPENDIX AJ	EXISTING BUILDINGS AND STRUCTURES	S					
	NA	NA	NA	NA	NA	NA	NA			
				No Existing Amendments in Appendix AJ						
-		r	APPE	NDIX AK SOUND TRANSMISSION						
	NA	NA	NA	NA NA	NA	NA	NA			
				No Existing Amendments in Appendix AK						
	NIA	NIA		APPENDIX AL PERMIT FEES	NIA	NIA	NIA			
	NA	NA	NA	NA No Evicting Amondmonto in Appondix Al	NA	NA	INA			
				M HOME DAY CARE - R-3 OCCUPANCY						
	NA	NA	NA	NA	NA	NA	NA			
		101	101	No Existing Amendments in Appendix AM			101			
			APF	PENDIX AN VENTING METHODS						
	NA	NA	NA	NA	NA	NA	NA			
				No Existing Amendments in Appendix AN						
	_		APPENDIX	AO AUTOMATIC VEHICULAR GATES						
	NA	NA	NA	NA	NA	NA	NA			
				No Existing Amendments in Appendix AO						
	NIA	NA	APPENDIX		NIA	NIA	NIA			
	NA	NA	NA	NA No Existing Amondmonts in Appondix AP	NA	NA	INA			
			L							
			,		Keen Existing					
	Definitions	AQ102.1	BB102.1		Amendment					
-	EGRESS ROOF ACCESS W	NDOW. See Chapte	r 2 A skylight or roof w	indow designed and installed to satisfy th	e emergency escape and r	escue opening requireme	nts of Section			
	R310.2 .		, 0	, , , , , , , , , , , , , , , , , , ,	0, 1, 1,					
		10/00	55400.4		Keep Existing					
	Definitions	AQ102	BB102.1		Amendment					
	LANDING PLATFORM. See	Chapter 2 -A landing	provided as the top st	ep of a stairway accessing a loft.						
	Definitions	4.0102	DD100.1		Keep Existing					
	Delinitions	AQ102	BB102.1		Amendment					
	LOFT. See Chapter 2-A floor	level located more t	han 30 inches (76<mark>2 m</mark>	m) above the main floor, open to th<mark>e main</mark>	floor on one or more sides	with a ceiling height of le	ss then 6 feet 8			
	inches (2032 mm) and used	as a living or sleepir	ig space .							
	Definitions	AQ102	BB102.1		Keep Existing					
	Demilions		102.1		Amendment					
	TINY HOUSE. A dwelling un	<mark>it</mark> that is 400 square i	feet (37 m²) or less in t	floor area excluding sleeping lofts.						
	Ceiling Height	AQ103 1	BB103 1		Keep Existing					
		/ 100.1	55100.1		Amendment					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments		
	AQ103.1 Minimum ceiling have a ceiling height of not l ceiling heights.	height. Habitable sp ess than 6 feet 4 incl	ace in tiny houses sha nes (1930 mm). Obstr	all have a ceiling height of not less than 6 f uctions including, but not limited to, bean	eet 8 inches (2032 mm). Bans, girders, ducts and lighti	athrooms, toilet rooms an ng, shall not extend belov	d kitchens shall v these minimum		
	EXCEPTION: Ceiling heights in lofts	shall be in accordance wit	h Section R333 are permitte	ed to be less than 6 feet 8 inches (2032 mm).					
	Energy Conservation	AQ104.1	NA		Keep Existing Amendment		Replaces Model Section AQ104 Lofts. Suggest not adopt BB104 Lofts and locating with model Energy Conservation Section BB106.1.		
	AQ104.1 Air leakage test	ting. The air leakag	e rate for tiny hous	es shall not exceed 0.30 cfm at 50 Pasc	als of pressure per squa	re foot of the dwelling ι	unit enclosure		
	 area. Testing shall be conducted in accordance with RESNET/ICC 380, ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Where required by the code official, testing shall be conducted by an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed after the continuous air barrier, including all penetrations, is completed and sealed. During testing: Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weather stripping or other infiltration control measures. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures. Interior doors, if installed at the time of the test, shall be open. Exterior louvers for continuous ventilation systems and heat recovery ventilators shall be closed and sealed. Heating and cooling systems, if installed at the time of the test, shall be turned off. Supply and return registers, if installed at the time of the test, shall be fully open 								
	Energy Conservation	AQ104.1.1	NA		Keep Existing Amendment		Replaces Model Section AQ104 Lofts. Suggest not adopt BB104 Lofts and locating with model Energy Conservation Section BB106.1.1		
	AQ104.1.1 Whole-house	mechanical venti	lation. Where an ai	r leakage rate not exceeding 0.30 cfm p	per ft of the dwelling unit	enclosure area in acco	rdance with		
	Section AQ106.1 is provid	ed, the tiny house	shall be provided w	ith whole-house mechanical ventilatior	n in accordance with Sect	ion M1505.4.			
	Emergency Escape and Rescue Openings	AQ105	BB105		Keep Existing Amendment				
	AQ105 Emergency escap	e and rescue ope	nings. This section i	s not adopted.					
	Energy Conservation	AQ106	BB106		Modify Existing Amendment		See Notes for 2021 Section AQ104 Proposal Needed		
	AQ106 Energy conservat	tion. This section is	not adopted.						
	ΝΑ	ΝΔ			NA	NA	NΔ		
				No Existing Amendments in Appendix AR					
	.		APPEND	IX AS STRAWBALE CONSTRUCTION					
	NA	NA	NA	NA	NA	NA	NA		
				No Existing Amendments in Appendix AS					
	API	PENDIX AT SOLAR-F	READY PROVISIONS	- DETACHED ONE- AND TWO-FAMILY DV	VELLINGS AND TOWNHOU	JSES			
	General Definition	AT102.1	NA		Repeal Existing Amendment		Included in WAC for Clarity. No longer in 2024 Model text. Proposal Needed		
	AT102.1 General. The follow	ving term shall, for th	e purpose of this app	endix, have the meaning shown herein.					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments		
	General Definition	AT102.1	NB102		Keep Existing Amendment				
	Solar-ready zone. A section system.	n or sections of the ro	oof or building overha	ng designated and reserved for the future i	installation of a solar photo	ovoltaic or solar water-hea	ating thermal		
	Solar Ready Zone	AT103.3	NB103.3		Keep Existing Amendment				
	code the International Fire Code. New townhouses three stories or less in height above grade plane and with a total floor area less than or equal to 2,000 square feet (185.8 m2) per dwelling shall have a solar-ready zone area of not less than 150 square feet (13.94 m2). The solar-ready zone shall be composed of areas not less than 5 feet (1.52 m 1524 mm) in width and not less than 80 square feet (7.44 m2) exclusive of access or set back areas as required in this code or the applicable provisions of the International Fire Code. No portion of the solar zone shall be located on a roof slope greater than 2:12 that faces within 45 degrees of true north by the International Fire Code.								
	Solar Ready Zone	AT103.6	NB 103.6		Keep Existing Amendment				
	AT103.6 Capped roof penetration sleeve. A capped roof penetration sleeve shall be provided adjacent to a solar-ready zone when the solar-ready zone has a roof slope of 2:12 or less located on a roof slope of not greater than 1 unit vertical in 12 units horizontal (8-percent slope). The capped roof penetration sleeve shall be sized to accommodate the future photovoltaic system conduit, but shall have an inside diameter not less than 1 1/4 inches. APPENDIX AU COB CONSTRUCTION (MONOLITHIC ADORE)								
	NA	NA	NA	NA	NA	NA	NA		
			4.00	No Existing Amendments in Appendix AU					
	NA	ΝΔ		ENDIX AV BOARD OF APPEALS	ΝΔ	ΝΔ	NΔ		
		INA		No Existing Amendments in Appendix AV			INA		
			APPENDIX AW	/ 3D-PRINTED BUILDING CONSTRUCTION	N				
	NA	NA	NA	NA	NA	NA	NA		
				No Existing Amendments in Appendix AW	1				
			APPENDIX AX ZERO	ENERGY RESIDENTIAL BUILDING PROV	ISIONS				
	NA	NA	NA		NA	NA	NA		
				NO EXISTING AMENAMENTS IN APPENDIX AX	INS				
	Dwelling Unit Fire Sprinkler			DWELLING UNIT FIRE SPRINKLER STOTE	Keen Existing				
	Systems	AWU			Amendment				
	Appendix AWU—Dwellin The design and installatio Systems.	ng unit fire sprink n of residential fire	ler systems. e sprinkler systems s	shall be in accordance with the Interna	tional Residential Code S	Section P2904 Dwelling I	Jnit Fire Sprinkler		
	Dwelling Unit Fire Sprinkler Systems	AWU P2904.1.1			Keep Existing Amendment		Suggest renumbering to fit publication		
	 P2904.1.1 Required sprinkler locations. Sprinklers shall be installed to protect all areas of a dwelling unit. EXCEPTIONS: Uninhabitable attics, crawl spaces and normally unoccupied concealed spaces that do not contain fuel-fired appliances do not require sprinklers. In uninhabitable attics, crawl spaces and normally unoccupied concealed spaces that contain fuel-fired equipment, a sprinkler shall be installed above the equipment; however, sprinklers shall not be required in the remainder of the space. Clothes closets, linen closets and pantries not exceeding 24 square feet (2.2 m²) in area, with the smallest dimension not greater than 3 feet (915 mm) and having wall and ceiling surfaces of gypsum board. Bathrooms not more than 55 square feet (5.1 m²) in area. Garages; carports; exterior porches; unheated entry areas, such as mud rooms, that are adjacent to an exterior door; and similar areas. 								
	Fire Sprinklers	Δ\//\/			Keep Existing				
		AVVV			Amendment				
	Appendix AWV—Fire sprin The provisions contained in	klers. this appendix are no	t mandatory unless s	pecifically referenced in the adopting ordi	nance				
	Fire Sprinklers	AWV107.1	-		Keep Existing Amendment				
	AWV107.1 Fire sprinklers.	An approved automa	tic fire sprinkler syste	m shall be installed in new one-family and	d two-family dwellings and	townhouses in accordan	ce with Appendix		
	APPENDIX AWY CONSTRUCTION AND DEMOLITION MATERIAL MANAGEMENT								



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments		
	Construction and demolition material management	AWY			Keep Existing Amendment				
	Appendix WY—Constructi	on and demolition n	naterial managemen	t.					
	The provisions contained in	this appendix are no	t mandatory unless s	pecifically referenced in the adopting ordir	nance.				
	General	AWY101.1			Keep Existing Amendment				
	AWY101.1 Purpose. The purpose of this code section is to increase the reuse and recycling of construction and demolition materials.								
	General	AWY101.2			Keep Existing Amendment				
	AWY101.2 Scope. This cod	e section applies to r	new buildings and stru	ictures construction, alterations to existing	g buildings and structures	and the <i>demolition</i> of			
	existing <i>buildings</i> and <i>structures</i> having a work area greater than 750 square feet (69.68 m2) or with a project value greater than \$75,000, whichever is more restrictive.								
	General Definitions	AWY102.1			Keep Existing Amendment				
	AWY102.1 General. The fol	lowing words and ter	ms shall, for the purp	oses of this appendix, have the meanings	shown herein. Refer to Cha	apter 2 of this code for ger	neral definitions.		
	General Definitions	AWY102.1			Keep Existing Amendment				
	Demolition. The process of	razing, relocating, or	r removing an existing	building or structure, or a portion thereof.					
	General Definitions	AWY102.1			Keep Existing Amendment				
	Divert, diverted, or diversi	on. The reuse, recycl	ing, or beneficial use	of construction and <i>demolition</i> materials.					
	General Definitions	AWY102.1			Keep Existing Amendment				
	Recycling. The process of t	ransforming or remai	nufacturing waste ma	terials into useable or marketable materia	ls for use other than landfi	ll disposal or incineration	•		
	General Definitions	AWY102.1			Keep Existing Amendment				
	Reuse. The return of a mate	rial into the econom	ic stream for use.						
	General Definitions	AWY102.1			Keep Existing Amendment				
	Salvage. The recovery of co	nstruction and demo	lition building materia	al and components from a <i>building</i> or site	in order to increase the <i>reu</i>	ise or repurpose potential	of these materials		
	and decrease the amount o	f material being sent	to the landfill. Salvag	ed material may be sold, donated, or reus	ed on site.				
	Construction and Demolition Material Management	AWY103.1			Keep Existing Amendment				
	AWY103.1 Collection cont	ainers. All sites whe	re recyclable construe	ction and demolition materials are generat	ed and transported for rec	ycling must provide a sep	arate container		
	for nonrecyclable materials	pursuant to WAC 17	<u>3-345-040</u> .						
	Construction and Demolition Material Management	AWY103.2			Keep Existing Amendment				
	AWY103.2 Salvage assess	ment. A salvage asse	essment shall be subr	nitted prior to <i>permit</i> issuance. The salvag	e assessment shall identif	v the <i>building</i> component	s of an		
	existing <i>building</i> that, if rem compliance with the require	oved, have the poten ements of this code.	itial to be <i>reused</i> . This	assessment shall be signed by the owner	and serve as an affidavit s	tating that the project sha	Ill be executed in		
	EXCEPTION: Projects that include o	nly new construction.							
	Demolition Material Management	AWY103.3			Keep Existing Amendment				
	AWY103.3 Waste diversion	report. A waste dive	ersion report shall be	submitted prior to issuance of the Certific	ate of Occupancy or appro	val of final inspection. The	e waste diversion		
	report shall identify the follo	owing:		· · · · · · · · · · · · · · · · · · ·					
	1. Weight or volume	of project-generated	l construction and de	molition material;					
	2. Whether the mate	erial was disposed in	a landfill or diverted;						
	3. The hauler of the	material;							
	4. The receiving faci	lity or location; and							
	5. The date material	s were accepted by t	he receiving facility o	location.					
			APPENDIX	AWZ BUILDING DECONSTRUCTION					



WAC	Title or Subject	2021 IRC #	2024 IRC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments	
	Building Deconstruction	AWZ			Keep Existing Amendment			
	Appendix WZ—Building de	construction.						
	The provisions contained in	this appendix are no	t mandatory unless s	pecifically referenced in the adopting ordin	nance.			
	General	AWZ101.1			Keep Existing Amendment			
	AWZ101.1 Purpose. The pu Used sawn lumber is permit	rpose of this section tted to be <i>reused</i> in a	is to increase the amore cordance with Secti	ount of material <i>salvaged</i> for <i>reuse</i> throug on R602.1.1.1.	h the act of <i>deconstructior</i>	when a building or struct	ure is demolished.	
		AWZ101.2			Keep Existing Amendment			
	AWZ101.2 Scope. This section applies to existing dwellings, townhouses, and accessory structures permitted to be demolished that are greater than 750 square feet (69.68 m2) and meet one of the following: The structure has been identified as a historic building; or The structure was built 90, or more, years ago. Exceptions: The structure is determined to be unsafe by the engineer of record; The structure shall be relocated; 							
	3. The enginee	r of record determine	es that 50 percent, by	weight, of the material in the structure tha	t is not concrete, is not sui	table for reuse.		
	General Definitions	AWZ102.1			Amendment			
	AWZ102.1 General. The foll	lowing words and ter	ms shall, for the purp	oses of this appendix, have the meanings	shown herein. Refer to Cha	apter 2 of this code for ger	neral definitions.	
	General Definitions	AWZ102.1			Keep Existing Amendment			
	Deconstruction. The system possible, with a secondary possible.	matic disassembly of ourpose of <i>recycling</i> 1	f a <i>structur</i> e, in order t the remaining materia	o salvage building materials or componer ls.	nts for the primary purpose	of <i>reusing</i> materials to th	e maximum extent	
	General Definitions	AWZ102.1			Keep Existing Amendment			
	Demolition. The process of	razing, relocating, or	r removing an existing	building or structure, or a portion thereof.				
	General Definitions	AWZ102.1			Keep Existing Amendment			
	Heavy machinery. Heavy m	nachinery includes, b	out is not limited to, tra	ack hoes, excavators, skid steer loaders, o	r forklifts.			
	General Definitions	AWZ102.1			Keep Existing Amendment			
	Recycling. The process of t	ransforming or remai	nufacturing waste ma	terials into useable or marketable materia	ls for use other than landfi	ll disposal or incineration		
	General Definitions	AWZ102.1			Keep Existing Amendment			
	Reuse. The return of a mate	rial into the econom	ic stream for use.					
	General Definitions	AWZ102.1			Keep Existing Amendment			
	Salvage. The recovery of co and decrease the amount o	nstruction and <i>demc</i> f material being sent	olition building materia to the landfill. Salvag	al and components from a <i>building</i> or site ed material may be sold, donated, or reus	in order to increase the <i>reu</i> ed.	se or repurpose potential	of these materials	
	Deconstruction	AWZ103.1			Keep Existing Amendment			
	AWZ103.1 Deconstruction	. Buildings and struc	tures meeting the req	uirements of Section AZ101.2 shall be dec	constructed.			
	Deconstruction	AWZ103.2			Keep Existing Amendment			
	AWZ103.2 Heavy machine components unsuitable for	ry. Heavy machinery salvage.	may not be used in de	econstruction to remove or dismantle con	nponents of buildings and s	structures in ways that rer	nder the	

