



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

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2018 INTERNATIONAL RESIDENTIAL CODE TECHNICAL ADVISORY MEETING MINUTES

DRAFT

LOCATION: Shoreline City Hall
17500 Midvale Avenue North,
Shoreline, WA 98133-4905

MEETING DATE: Wednesday May 29, 2019

Members in Attendance: Diane Glenn, TAG Chair; Angela Haupt; Tim Woodard; Al Audette; Todd Short

Members Absent:, David Spencer; Ron Perkerewocz; Michelle Yee, Willie Hill

Staff in Attendance: Richard Brown, Carrie Toebbe, Ray Shipman

Visitors Present: Hank Teran, John Napier, Micah Chappell, Ray Allshouse, Tracy Moore, Suzanne Mayr, Jeff Shapiro, Dave Kokot, Jim Kambeitz,

Agenda Items	TAG/Staff Actions/Discussion
1. Welcome and Introductions	Meeting called to order at 10:22 a.m. (due to technical difficulties) by Diane Glenn. Everyone was welcomed and roll was taken. .
2. Review & Approve Agenda	The agenda was approved as written.
3. Review and Approve May 1, 2019 Minutes	The minutes were approved as written
4. Review List of 2018 Statewide Amendment Proposals	See the attached Proposal Worksheet.
5. Other Business	None noted.
6. Adjourn	The meeting was adjourned at 1:53 p.m.

Attachments: 2018 Statewide IRC Amendment Proposals

**Group 2 2018 IRC
Code Change
Proposals - 2019**

Last Updated: May 29, 2019

Date Received	Proponent	Code	Section	Subject	Init. Log Number	Log Number	Economic Impact	TAG Action	Issue Paper	BFP Committee Action	Council Action	Public Comments Received
WAC 51-51-008	Residential TAG	IRC	Admin	Implementation	---	IRC TAG 001	No	Recommended approval 11/14/18				
WAC 51-51-01010	Residential TAG	IRC	R101	Scope	---	IRC TAG 002	No	Recommended approval 12/12/18				
WAC 51-51-0202	Residential TAG	IRC	R202	Definitions	---	IRC TAG 003	No	Recommended approval 12/12/18				
WAC 51-51-0301	Residential TAG	IRC	R301	Design Criteria	---	IRC TAG 004	No	Recommended approval 12/12/18				
WAC 51-51-0302	Residential TAG	IRC	R302	Fire-resistant construction	---	IRC TAG 005	No	Recommended approval 1/18/19				
WAC 51-51-0308	Residential TAG	IRC	R308	Glazing	---	IRC TAG 006	No	Recommended approval 12/12/18				
WAC 51-51-0308	SBCC Staff	IRC	R315.3	Location	---	WAC 51-51-0315	No	Clerical	---			
WAC 51-51-03240	Residential TAG	IRC	R324	Solar energy systems	---	IRC TAG 007	No	Recommended approval 12/12/18				
WAC 51-51-0325	Residential TAG	IRC	R325	Adult family homes	---	IRC TAG 008	No	Recommended approval 1/18/19				
WAC 51-51-0326	Residential TAG	IRC	R326	Family home child care	---	IRC TAG 009	No	Recommended approval 1/18/19				
WAC 51-51-0327	Residential TAG	IRC	R327	Protection against radon	---	IRC TAG 010	No	Recommended approval 1/18/19				
WAC 51-51-0328	Residential TAG	IRC	R328	Mezzanines	---	IRC TAG 011	No	Recommended approval 11/14/18				
WAC 51-51-0329	Residential TAG	IRC	R329	Swimming pools, spas, and hot tubs	---	IRC TAG 012	No	Recommended approval 11/14/18				
WAC 51-51-0507	Residential TAG	IRC	R507.2.4	Deck lateral load connections	---	IRC TAG 013	No	Recommended approval 1/18/19				
WAC 51-51-0602	Residential TAG	IRC	R602.7.5	Supports for headers	---	IRC TAG 015	No	Recommended approval 12/12/18				
WAC 51-51-0602	Residential TAG	IRC	R602.10.1.1	Cripple wall bracing	---	IRC TAG 015	No	Recommended approval 12/12/18				
WAC 51-51-1006	Residential TAG	IRC	R1006	Exterior air supply	---	IRC TAG 016	No	Recommended approval 11/14/18				
WAC 51-51-60103	Residential TAG	IRC	AF103	Requirements	---	IRC TAG 017	No	Recommended approval 12/12/18				
WAC 51-51-60105	Residential TAG	IRC	Appendix Q	Dwelling unit fire sprinkler systems	---	IRC TAG 018	No	Recommended approval 12/12/18				
WAC 51-51-60107	Residential TAG	IRC	Appendix V	Fire sprinklers	---	IRC TAG 019	No	Recommended approval 12/12/18				

Date Received	Proponent	Code	Section	Subject	Init. Log Number	Log Number	Economic Impact	TAG Action	Issue Paper
4/15/2019	Seattle/Jennifer Gilliland	IRC	R106.1	Submittal docs	19-IRC26	19-IRC26	No	4/24/19 Reviewed, no action taken. 5/1/19 Recommended approval.	---
4/15/2019	Seattle/Micah Chappell	IRC	R202	Existing building	19-IRC33	19-IRC33rev	No	4/24/19 reviewed. Recommended changing box checked for amendment rational. No action taken. 5/1/19 Recommended modified proposal approval.	---

4/15/2019	WABO/Micah Chappell	IRC	R302.3/R202	Duplexes	19-IRC16	19-IRC16Rev	No	4/24/19 reviewed. Recommended changing NFPA 13 to NFPA 13D. No action taken. 5/1/19 Recommended modified proposal approval. (One no vote)
4/15/2019	WABO/Micah Chappell	IRC	R202/R327	Energy storage system	19-IRC20	19-IRC20Rev	No	4/24/19 reviewed. Noted that item 3 might be problematic. No action taken. 5/1/19 Recommended modified proposal approval. ---
4/15/2019	WABO/Micah Chappell	IRC	R202	Floor area	19-IRC15	19-IRC15	No	4/24/19 Reviewed, no action taken. 5/1/19 Recommended approval. ---
4/15/2019	Seattle/Jennifer Gilliland	IRC	R202	Lot lines	19-IRC23	19-IRC23Rev	No	4/24/19 Reviewed. Recommended changing box checked for amendment rational. Recommended definitions match between IBC and IRC. No action taken. 5/1/19 Recommended modified proposal approval. ---
4/15/2019	WABO/Micah Chappell	IRC	R202	Occupiable roof	19-IRC21	---	No	5/1/19 Motion to recommend proposal failed due to no second. 5/7/19 Proponent withdrew proposal. ---
4/15/2019	WABO/Micah Chappell	IRC	R202/R302.2/R310.1	Townhouse/Townhouse Unit	19-IRC03	19-IRC03Rev	No	4/24/19 Reviewed, no action taken. 5/1/19 Recommended modified proposal approval. (One no vote)
4/15/2019	WABO/Micah Chappell	IRC	R202	Townhouse wall length	19-IRC04	19-IRC04Rev02	No	4/24/19 Reviewed. Supporting diagram was incorrect. No action taken. 5/1/19 Motion to recommend approval failed due to no second. IP002
4/15/2019	WABO/Micah Chappell	IRC	R301.2.2.10	Water heater anchor	19-IRC05	---	No	4/24/19 Reviewed. Noted that this conflicts with UPC. No action taken. 5/1/19 No motion was made to approve proposal. ---
4/15/2019	WABO/Micah Chappell	IRC	R507/Table R301.5	Deck Loads	19-IRC10	19-IRC10	Costs	5/1/19 Recommended approval. ---
4/15/2019	Seattle/Micah Chappell	IRC	Table R302.1	Eave sheathing	19-IRC30	---	Savings	4/24/19 Reviewed, no action taken. 5/1/19 No motion was made to approve proposal. ---
4/15/2019	WABO/Micah Chappell	IRC	Table R302.1	Rake overhang	19-IRC19	19-IRC19	Savings	5/1/19 Recommended approval. ---
4/15/2019	WABO/Micah Chappell	IRC	R302.2	Townhouse common wall	19-IRC06	19-IRC06REV	No	5/15/19 Recommended approval. ---
4/15/2019	Seattle/Micah Chappell	IRC	Fig. R302.2(2)	Townhouse overhang	19-IRC29	19-IRC29	No	5/29/19 Motion to recommend approval failed due to no second. IP003
4/15/2019	WABO/Micah Chappell	IRC	R302.2.6	structural independence	19-IRC14	19-IRC14	Savings	5/29/19 Recommended approval. (One no vote)

4/15/2019	ICC/Jeff Shapiro	IRC	R302.2.6	structural independence	19-IRC36	---	Savings	5/29/19 Recommended <u>not</u> approving. (One yes no vote)	
4/15/2019	ICC/Jeff Shapiro	IRC	R302.3	Stacked duplexes	19-IRC37	---	Costs & Savings	5/29/19 Recommended <u>not</u> approving. (One yes no vote)	
4/15/2019	ICC/Jeff Shapiro	IRC	R302.4.1	Through Penetrations	19-IRC38	---	Savings	5/29/19 Proponent withdrew proposal.	---
4/15/2019	WABO/Micah Chappell	IRC	R302.4.1	Through Penetrations	19-IRC07	19-IRC07REV	Savings	5/15/19 Recommended modified proposal approval.	---
4/15/2019	Seattle/Micah Chappell	IRC	R303.9/R310.2.4	Pathways under decks	19-IRC31	19-IRC31REV02	No	5/15/19 Evenly split between recommending and not recommending modified proposal approval.	
4/15/2019	WABO/Micah Chappell	IRC	R310.1	EERO exception	19-IRC08	19-IRC08	No	5/15/19 Recommended approval.	---
4/15/2019	Al Audette	IRC	R310.1	Sprinkler/EERO	19-IRC34	---	No	5/15/19 Recommended <u>not</u> approving. (Four voted yes two voted no.)	
4/15/2019	Seattle/Jennifer Gilliland	IRC	R310.1.1	Window control devices	19-IRC28	19-IRC28	No	5/15/19 Recommended approval.	---
4/15/2019	Seattle/Jennifer Gilliland	IRC	R311.7.3	Stair vertical rise	19-IRC25	19-IRC25	No	5/15/19 Recommended approval.	---
4/15/2019	Wayne Senter/WA Fire Chiefs	IRC	R313	Fire Sprinklers	19-IRC02	19-IRC02Rev	Costs	5/29/19 Recommended <u>not</u> approving modified proposal. (Three voted no two voted yes.)	IP04
4/15/2019	WABO/Micah Chappell	IRC	R314	Heat detectors/garage	19-IRC17	19-IRC17	Costs	5/29/19 Recommended approval. (Three voted yes, two voted no.)	
4/15/2019	WABO/Micah Chappell	IRC	R314/R315	Smoke & CO alarms	19-IRC18	---	Costs	5/29/19 Proponent withdrew proposal.	---
4/15/2019	WABO/Micah Chappell	IRC	R314.2.2/R314.4	ADU smoke alarms	19-IRC09	19-IRC09	No	5/29/19 Recommended approval.	---
4/15/2019	WABO/Micah Chappell	IRC	R325.6	Habitable attic	19-IRC22	19-IRC22	Costs	5/29/19 Recommended approval.	---
4/15/2019	Wayne Senter/WA Fire Chiefs	IRC	R325.6	Habitable attic	19-IRC35	19-IRC35	No	5/29/19 Recommended approval.	---
4/15/2019	Seattle/Jennifer Gilliland	IRC	R403.1.6/R403.1.3.3.6	Anchor bolts	19-IRC27	19-IRC27Rev	Savings	5/1/19 Motion to approve proposal failed due to no second.	IP001
4/15/2019	WABO/Micah Chappell	IRC	R507.9.1.2	Band joist details	19-IRC11	19-IRC11	No	5/1/19 Recommended approval.	---
4/15/2019	Kinley Deller	IRC	R602.1.1.1	reclaimed lumber	19-IRC32	19-IRC32	No	5/1/19 Recommended approval.	---
4/15/2019	Nick O'Neil	IRC	R602.13	Extended plate wall	19-IRC39	---	No	5/15/19 No motion to move proposal forward .	---
4/15/2019	Nick O'Neil	IRC	R602.14	Thermal break shear wall	19-IRC40	---	No	5/15/19 Proponent withdrew proposal.	---
4/15/2019	Seattle/Jennifer Gilliland	IRC	R608.1	Ext concrete wall	19-IRC24	19-IRC24REV	No	5/15/19 Recommended modified proposal approval.	---
4/15/2019	WABO/Micah Chappell	IRC	R703.2/Ch 44	Water resistive barrier	19-IRC12	19-IRC12	No	5/1/19 Recommended approval.	---
2/19/2019	City of Langley/JR Fulton	IRC	Appendix Q	Tiny houses	19-IRC01	---	Savings	5/15/19 Motion to approve proposal failed due to no second.	
4/15/2019	WABO/Micah Chappell	IRC	App Q/R326/R327/R202	Sleeping lofts	19-IRC13	19-IRC13REV2	Savings	5/1/19 Tabled proposal. 5/15/19 Recommended modified proposal approval.	---

Date Received	Proponent	Code	Section	Subject	Init. Log Number	Log Number	Economic Impact	TAG Action	Issue Paper
4/10/2019	Mike Moore/Broan	IRC/M	M1504.3	Exhaust openings	19-IMC07	19-IMC07		See Mechanical Code TAG Log	
4/10/2019	Mike Moore/Broan	IRC/M	M1503.3	Exhaust discharge	19-IMC08	---		See Mechanical Code TAG Log	
4/10/2019	Mike Moore/Broan	IRC/M	M1501.1/M1505.4.3	Mech ventilation rate	19-IMC09	---		See Mechanical Code TAG Log	
4/10/2019	Mike Moore/Broan	IRC/M	M1507.3.2	Control & operation	19-IMC10	19-IMC10		See Mechanical Code TAG Log	
4/10/2019	Mike Moore/Broan Jonathan	IRC/M	M1507.3.3.1	Ventilation rate test	19-IMC11	19-IMC11		See Mechanical Code TAG Log	
4/5/2019	Sargeant/Omegaflex	IRC/IFGC	Reference Stds.	Updated standard	19-IMC16	19-IMC16		See Mechanical Code TAG Log	
4/15/2019	Chemours/Andrew Klein	RC-M/IMC/IF	Reference Stds.	Updated standard	19-IMC17	19-IMC17Rev		See Mechanical Code TAG Log	
			Reference Stds.	Updated standard	19-IMC18	19-IMC18		See Mechanical Code TAG Log	
4/15/2019	ASHRAE/Stephanie Reiniche	RC-M/IMC/IF	IMC 403.8	Whole house ventilation		19-IMC32		See Mechanical Code TAG Log	