

**IRC TAG Existing Amendment Report**

| Summary:<br>Last Updated 02/04/2022    |                                   | Delete existing state amendment | Keep existing amendment as modified |   | Keep existing amendment<br>May include renumbering  |                      |  |
|--|-----------------------------------|---------------------------------|-------------------------------------|---|---|----------------------|--|
| WAC                                    | Title or Subject                  | 2018 IRC Number                 | 2021 IRC Number                     | TAG Member Comments   | TAG Recommendation                                  | Staff Recommendation | TAG Group Notes and Decision   |
| <b>00 General</b>                      |                                   |                                 |                                     |   |   |                      |  |
| <b>TAG Member: Ray Shipman (Staff)</b> |                                   |                                 |                                     |   |   |                      |  |
| <a href="#">51-51-001</a>              | Authority                         | NA                              | NA                                  |   |   | Keep amendment       | Keep amendment   |
| <a href="#">51-51-002</a>              | Purpose                           | NA                              | NA                                  |   |   | Keep amendment       | Keep amendment   |
| <a href="#">51-51-003</a>              | International Residential Code    | NA                              | NA                                  | Change 2018 edition to 2021. Are the appendix still Accurate?   |   | Modify amendment     | Modify amendment   |
| <a href="#">51-51-007</a>              | Exceptions                        | NA                              | NA                                  |   |   | Keep amendment       | Keep amendment   |
| <a href="#">51-51-008</a>              | Implementation                    | NA                              | NA                                  | Implementation date needs changed to July 1, 2023   |   | Modify amendment     | Modify amendment   |
|  |                                   |                                 |                                     |   |   |                      |  |
|  |                                   |                                 |                                     |   |   |                      |  |
| <b>01 Scope and Administration</b>     |                                   |                                 |                                     |   |   |                      |  |
| <b>TAG Member: Jennifer Eliuk</b>      |                                   |                                 |                                     |   |   |                      |  |
| <a href="#">WAC 51-51-01010</a>        | Scope                             | 101.1                           |                                     | Section number is wrong, should be 101.2 Scope (101.1 is Title). IBC reffance section number for live work units needs to be updated to 508.5 | modify amendment                                    |                      | Modify amendment   |
| <a href="#">51-51-0102</a>             | Applicability                     | 102                             |                                     |   |   |                      |  |
|  | Appendices                        | 102.5                           |                                     | Exception 2 should reference Appendix U for fire sprinklers, not Appendix Q (that is tiny homes).   | MODIFY amendment                                    |                      | Modify amendment   |
|  | Additions, alterations or repairs | 102.7.1                         |                                     | Base language has changed from "...become unsafe..." to "...less compliant..."  | Code change proposal needed                         |                      | Match model code base language and keep all state amendndment exceptions |
|  | Moved buildings                   | 102.7.2                         |                                     | R102.7.2 does not exist in base code  | KEEP  |                      | Keep amendment   |
| <a href="#">51-51-0106</a>             | Construction Documents            | 106                             |                                     |   |   |                      |  |
|  | Submittal documents               | 106.1                           |                                     | Base code was changed to match our language verbatim. Amendment no longer needed.   | DELETE  |                      | Delete Amendment   |
|  |                                   |                                 |                                     |   |   |                      |  |
| <b>02 Definitions</b>                  |                                   |                                 |                                     |   |   |                      |  |
| <b>TAG Member: Jennifer Eliuk</b>      |                                   |                                 |                                     |   |   |                      |  |
| <a href="#">51-51-0202</a>             | Definitions                       | 202                             | 202                                 |   | Any definitions not listed below, we can KEEP as is |                      | See notes on side  |

|   |                                    |  |     |   |                            |  |                            |
|---|------------------------------------|--|-----|---|----------------------------|--|----------------------------|
|   | Balanced Whole House Ventilation   |  |     | Two new definitions "Balanced Ventilation" and "Balanced Ventilation System" were added, ours can possibly be deleted or modified.  | Needs code change proposal |  | Check with energy code TAG |
|   | BATTERY SYSTEM, STATIONARY STORAGE |  |     | Has been eliminated from the base code, so we can eliminate this one.   | DELETE                     |  | Delete amendment           |
|   | Building, Existing                 |  |     | "Building, Existing" appears in the list out of order, should be AFTER "Building".  | MODIFY                     |  | Modify amendment to notes  |
|   | ENERGY STORAGE SYSTEMS (ESS)       |  |     | This definition was not in the base code previously but has been added and is <i>similar</i> , consider scrapping ours for theirs or modifying.   | Needs code change proposal |  | Delete amendment           |
|   | LOT                                |  |     | Was modified in the base code to match our language   | DELETE                     |  | Delete Amendment           |
|   | MIXED VENTILATION ZONE             |  |     | This definition doesn't exist nor did it in 2018, so we don't need to say we're not adopting it.  | DELETE                     |  | Delete amendment           |
|   | TOWNHOUSE                          |  |     | They adopted our language so we can eliminate this one.   | DELETE                     |  | Delete amendment           |
|   | TOWNHOUSE UNITS                    |  |     | A single-family dwelling unit in a townhouse that extends from foundation to roof and that has a yard or public way on not less than two sides that extends at least 50 percent of the length of each of these two sides. |                            |  | Keep amendment             |
|   | WHOLE HOUSE VENTILATION SYSTEM     |  |     | Base code has a similar definition WHOLE HOUSE MECHANICAL VENTILATION SYSTEM - is ours necessary? Not sure what the distinction is between them.  | Needs discussion           |  | Check with energy code TAG |
|   |                                    |  |     |   |                            |  |                            |
|   |                                    |  |     |   |                            |  |                            |
| <b>03 Building Planning</b>             |                                    |  |     |   |                            |  |                            |
| TAG Member: Jennifer Eliuk / Quyen Thai |                                    |  |     |   |                            |  |                            |
| <a href="#">51-51-0301</a>              | Design Criteria                    |  | 301 |   |                            |  |                            |

|                            |   |           |  |  |                            |                       |   |
|----------------------------|---|-----------|--|--|----------------------------|-----------------------|---|
|                            | Climatic and geographic design criteria | 301.2     |  | Update table number to R301.2  | MODIFY                     |                       | Modify amendment  |
|                            | Live load                               | 301.5     |  | Table in case code has changed, including a new column for concentrated load.  | Needs code change proposal |                       | Use model code language. keep deck live load of 60 and footnote (I) but change to (J) |
| <a href="#">51-51-0302</a> | Fire-Resistant Construction             | 302       |  |  |                            |                       |   |
|                            | Double walls                            | 302.2.1   |  | CORRECT IBC section reference to 703.2.2 (not a new change)  | MODIFY                     |                       | Modify amendment  |
|                            | Common walls                            | 302.2.2.2 |  | Lots of changes in this section  | Needs code change proposal |                       |   |
|                            | Continuity                              | 302.2.3   |  | Base code only changed to add "townhouse units" in the same spot we have it. No other changes to base code.  | KEEP                       |                       | Keep amendment  |
|                            | PARAPETS FOR TOWNHOUSES                 | 302.2.4   |  | Base code was changed to match our language, which was the addition of "townhouse units"   | DELETE                     |                       | Delete amendment  |
|                            | Tables R302.1(1) & R302.1(2)            |           |  | These are included in the amendments but we don't show the actual table, and then we have language that says "No change to the Table" in it's place, which in a way kind of actually deleted the table? I think we should remove these "amendments" since they don't amend anything.         | Needs discussion           |                       | Keep amendment  |
|                            | R302.3 Two-Family Dwellings             |           |  | Base code has a couple of changes such as adding a statement that separation is required whether or not there is a real lot line between units   | Needs code change proposal | Errata sent to Stoyan |   |
|                            | R302.3.1 & R302.3.2 (no titles)         |           |  | These are new sections we have added, however they are both missing a title. Consider modifying to add descriptive titles to both, especially since the base code has Supporting Construction at R302.3.1 (at first I thought we had amended the same section, but we moved it to R302.3.3). | Needs discussion           |                       | Modify amendment titles<br>R302.3.1 <b>Separation</b><br>R302.3.2 <b>Continuity</b>   |
|                            | R302.3.3 Supporting Construction        |           |  |  | KEEP                       |                       | R302.3.3 Supporting Construction  |

|                             |                                      |           |  |  |                            |                |   |
|-----------------------------|--------------------------------------|-----------|--|--|----------------------------|----------------|---|
|                             | R302.4.1 Through penetrations        |           |  | Base code has added a new exception, needs consideration.  | Needs code change proposal |                | Delete amendment                        |
|                             | R302.13 Fire protection of floors    |           |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
| <a href="#">51-51-0303</a>  | Light, ventilation, and heating      | 303.0     |  |  |                            |                |   |
|                             | Natural light                        | 303.1     |  | Changes to base code exceptions, our amendment only has one amendment, not sure if we care about the changes or not.   | Needs discussion           |                | Keep amendment                          |
|                             | Adjoining rooms                      | 303.2     |  |  | KEEP                       |                | Keep amendment                          |
|                             | Bathrooms                            | 303.3     |  |  | KEEP                       |                | Keep amendment                          |
|                             | Minimum ventilation performance      | 303.4     |  | I think we keep this with a modification to correct the section reference to M1505   | Needs discussion           |                | Modify amendment Update section ref.    |
|                             | Opening location                     | 303.5     |  | Base code already matches this verbatim, not sure why we have an amendment for this.   | DELETE                     |                | Delete Amendment                        |
|                             | Intake openings                      | 303.5.1   |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
|                             | Exhaust openings                     | 303.5.2   |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
|                             | Exhaust ducts                        | 303.5.2.1 |  | Does not exist in base code  | KEEP                       |                | Keep amendment                          |
|                             | Interior stairway illumination       | 303.7     |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
|                             | Exterior stairway illumination       | 303.8     |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
|                             | Required glazed openings             | 303.9     |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
|                             | Required heating                     | 303.10.   |  | No changes to base code  | KEEP                       |                | Keep amendment                          |
|                             | Definitions                          | 303.10.1  |  | Does not exist in base code  | KEEP                       |                | Keep amendment                          |
|                             | Primary heating source               | 303.10.2  |  | Does not exist in base code  | KEEP                       |                | Keep amendment                          |
|                             | Solid fuel burning devices           | 303.10.3  |  | Does not exist in base code  | KEEP                       |                | Keep amendment                          |
| <a href="#">51-51-0307</a>  | Toilet, bath, and shower spaces      |           |  |  |                            |                |   |
|                             | Space required                       | 307.1     |  | Keep but double-check the code section reference to the state plumbing code once the 2021 draft is available   | KEEP                       |                | Keep amendment Check with plumbing code |
| <a href="#">51-51-0308</a>  | Reserved                             |           |  | Do we need these "Reserved" random code sections called out in the amendments? Not sure what their purpose might be. Suggest we just strike them unless they provide some value. |                            | Keep amendment | Keep amendment                          |
| <a href="#">51-51-03100</a> | Emergency Escape and rescue openings |           |  |  |                            |                | See notes on side                       |

|                            |  |         |  |  |                            |  |  |
|----------------------------|--|---------|--|--|----------------------------|--|--|
|                            | Emergency escape and rescue opening required                   | 310.1   |  | Base code has some changes that we may want to accept and then delete this amendment since they both are trying for the same goal, just worded differently.  | Needs code change proposal |  | Delete amendment   |
|                            | Operational constraints and opening control devices            | 310.1.1 |  | Base code was modified to include our language that window controls are not more than 70" above floor, AND that this applies to fall prevention devices by clearly stating that in the language, vs ours that just references ASTM F2090. Suggest we delete our amendment. | DELETE                     |  | Delete amendment   |
|                            | Emergency escape and rescue openings under decks and porches   | 310.2.4 |  | They have added language to include cantilevers as well, we should consider including this in our amendment (can keep everything else the same).   | MODIFY                     |  | Modify amendment add language to include cantilevers         |
| <a href="#">51-51-0311</a> | Means of egress  | 311     |  |  |                            |  |  |
|                            | Vertical egress  | 311.4   |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | Vertical rise  | 311.7.3 |  | Base code was modified to match our language verbatim, can be deleted.   | DELETE                     |  | Delete amendment   |
| <a href="#">51-51-0313</a> | Automatic fire sprinkler systems                               | 313     |  |  |                            |  | Keep amendment   |
|                            | Townhouse automatic fire sprinkler system                      | 313.1   |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | Design and installation  | 313.1.1 |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | One- and two-family dwellings automatic fire sprinkler systems | 313.2   |  | No base code changes   | KEEP                       |  | Keep amendment   |
| <a href="#">51-51-0314</a> | Smoke alarms and heat detection                                | 314     |  |  |                            |  | Keep amendment   |
|                            | General  | 314.1   |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | Listings.  | 314.1.1 |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | Where required   | 314.2   |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | New construction   | 314.2.1 |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | Alterations, repairs and additions                             | 314.2.2 |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | New attached garages   | 314.2.3 |  | Does not exist in base code  | KEEP                       |  | Keep amendment   |
|                            | Location   | 314.3   |  | They've added a new exception, suggest we modify to include it as well.  | MODIFY                     |  | Modify amendment. Add model code exception #5 but make it #6 |
|                            | Interconnection  | 314.4   |  | No base code changes   | KEEP                       |  | Keep amendment   |
|                            | Heat detection interconnection                                 | 314.4.1 |  | Does not exist in base code  | KEEP                       |  | Keep amendment   |
|                            | Power source   | 314.6   |  | No base code changes   | KEEP                       |  | Keep amendment   |
| <a href="#">51-51-0315</a> | Carbon monoxide alarms   |         |  |  |                            |  |  |
|                            | Where required   | 315.2   |  | We can strike this, it matches base code exactly, and did in 2018 as well.   | DELETE                     |  | Delete amendment   |
|                            | New construction   | 315.2.1 |  | No base code changes   | KEEP                       |  | Keep amendment   |

|                             |                                      |           |  |   |                            |                |                |
|-----------------------------|--------------------------------------|-----------|--|---|----------------------------|----------------|----------------|
|                             | Alterations, repairs, and additions  | 315.2.2   |  | They've added a new exception but we already have similar language, I think we can keep it as is.   | KEEP                       |                | Keep amendment |
|                             | Location                             | 315.3     |  | No base code changes  | KEEP                       |                | Keep amendment |
| <a href="#">51-51-0317</a>  | Reserved                             |           |  |   |                            |                | Keep amendment |
| <a href="#">51-51-0322</a>  | Reserved                             |           |  |   |                            |                | Keep amendment |
| <a href="#">51-51-03240</a> | Solar energy systems                 |           |  |   |                            |                |                |
|                             | Photovoltaic systems                 | 324.3     |  | Base code has addeed a requirement for the electrical portion of systems, so we will need to modify our amendment, likely adding same language.   | Needs code change proposal |                |                |
|                             | Rooftop-mounted photovoltaic systems | 324.4     |  | No base code changes  | KEEP                       |                |                |
|                             |                                      | 324.7.1   |  | Not adopted   | KEEP                       | Keep amendment |                |
| <a href="#">51-51-0325</a>  | Mezzanines                           |           |  | Keep, no changes  |                            |                | Keep amendment |
|                             | General                              | 325.1     |  |   |                            |                |                |
| <a href="#">51-51-0326</a>  | Habitable attic                      |           |  | This whole section has changed, will need attention. There is an error in the base code, it says habitable attics shall comply with 326.2 through 326.3 however there is an additional section 326.4. | Needs code change proposal |                |                |
|                             | General                              | 326.1     |  | see above   |                            |                |                |
|                             | Minimum dimension                    | 326.2     |  | see above   |                            |                |                |
|                             | Story above grade plane              | 326.3     |  | see above   |                            |                |                |
|                             | Means of egress                      | 326.4     |  | see above   |                            |                |                |
| <a href="#">51-51-0327</a>  | Sleeping lofts                       | 327       |  | Does not exist in base code so all languge can stay the same  | KEEP                       |                | Keep amendment |
|                             | General                              | 327.1     |  | see above   |                            |                | Keep amendment |
|                             | Sleeping area loft and dimensions    | 327.2     |  | see above   |                            |                | Keep amendment |
|                             | Area                                 | 327.2.1   |  | see above   |                            |                | Keep amendment |
|                             | Minimum horizontal dimensions        | 327.2.2   |  | see above   |                            |                | Keep amendment |
|                             | Height effect on sleeping loft       | 327.2.3   |  | see above   |                            |                | Keep amendment |
|                             | Sleeping loft access and egress      | 327.3     |  | see above   |                            |                | Keep amendment |
|                             | Sairways                             | 327.3.1   |  | see above   |                            |                | Keep amendment |
|                             | Headroom                             | 327.3.1.1 |  | see above   |                            |                | Keep amendment |
|                             | Width                                | 327.3.1.2 |  | see above   |                            |                | Keep amendment |
|                             | Treads and Risers                    | 327.3.1.3 |  | see above   |                            |                | Keep amendment |
|                             | Landings                             | 327.3.1.4 |  | see above   |                            |                | Keep amendment |
|                             | Landing platform                     | 327.3.1.5 |  | see above   |                            |                | Keep amendment |
|                             | Handrails                            | 327.3.1.6 |  | see above   |                            |                | Keep amendment |
|                             | Stairway guards                      | 327.3.1.7 |  | see above   |                            |                | Keep amendment |
|                             | Ladders                              | 327.3.2   |  | see above   |                            |                | Keep amendment |
|                             | Size and capacity                    | 327.3.2.1 |  | see above   |                            |                | Keep amendment |
|                             | Incline                              | 327.3.2.2 |  | see above   |                            |                | Keep amendment |

|                            |                                      |         |     |  |                                    |  |  |
|----------------------------|--------------------------------------|---------|-----|--|------------------------------------|--|--|
|                            | Alternating tread devices            | 327.3.3 |     | see above  |                                    |  | Keep amendment   |
|                            | Ships ladders                        | 327.3.4 |     | see above  |                                    |  | Keep amendment   |
|                            | Emergency escape and rescue openings | 327.5   |     | see above  |                                    |  | Keep amendment   |
|                            |                                      |         |     |  |                                    |  |  |
| <a href="#">51-51-0328</a> | Swimming pools, spas, and hot tubs   | 328     |     |  |                                    |  |  |
|                            | General                              | 328.1   |     | No base code changes   | KEEP                               |  | Keep amendment   |
| <a href="#">51-51-0329</a> |                                      | 329     |     | This section has been heavily modified in the base code, will need review and changes to our amendments. They have also added two new sections for Stationary Engine Generators and Stationary Fuel Cell Power Systems. These new sections will push subsequent section numbers. | Needs code change proposal overall |  | Copy model and renumber<br>Modify amendment Come up with numbering Fix |
|                            | General                              | 329.1   |     | New exceptions were added  | MODIFY                             |  | Copy model and renumber<br>Modify amendment                            |
|                            | Equipment Listing                    | 329.2   |     |  | KEEP                               |  | Copy model and renumber<br>Modify amendment                            |
|                            | Installation                         | 329.3   |     | New subsection under this was added  | KEEP                               |  | Copy model and renumber<br>Modify amendment                            |
|                            | Electrical installation              | 329.4   |     | Renumber to R329.6 to accommodate new sections ahead of it.  | MODIFY                             |  | Copy model and renumber<br>Modify amendment                            |
|                            | Ventilation                          | 329.5   |     | Renumber to 329.9  | MODIFY                             |  | Copy model and renumber<br>Modify amendment                            |
|                            | Commissioning                        | 329.6   |     | Renumber. Does not exist in base code so not sure where it goes.   |                                    |  | Copy model and renumber<br>Modify amendment                            |
|                            | Installation prior to closing        | 329.6.1 |     | Renumber too   |                                    |  | Copy model and renumber<br>Modify amendment                            |
|                            | Protection from impact               | 329.7   |     | Renumber to 329.8  | MODIFY                             |  | Copy model and renumber<br>Modify amendment                            |
| <a href="#">51-51-0330</a> | Adult family homes                   | 330     | 332 | Revise section number to 332 to accommodate two new sections in the base code that appear directly after ESS. No other changes necessary since this whole section is unique to WA.   | MODIFY                             |  | Copy model and renumber<br>Modify amendment                            |
|                            | General                              | 333.1   | 332 |  |                                    |  | Copy model and renumber<br>Modify amendment                            |
|                            | Reserved                             | 330.2   | 332 |  |                                    |  | Copy model and renumber<br>Modify amendment                            |
|                            | Sleeping room classification         | 330.3   | 332 |  |                                    |  | Copy model and renumber<br>Modify amendment                            |

|                            |  |           |       |  |        |  |   |
|----------------------------|--|-----------|-------|--|--------|--|---|
|                            | Types of locking devices and door activation                     | 330.4     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Smoke and carbon monoxide alarm requirements                     | 330.5     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Escape windows and doors   | 330.6     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Fire apparatus access roads and water supply for fire protection | 330.7     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Grab bar general requirements                                    | 330.8     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Grab bar cross section   | 330.8.1   | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Grab bar installation  | 330.8.2   | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Grab bars at water closets                                       | 330.8.3   | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Fixed position grab bars   | 330.8.3.1 | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Swing-up grab bars   | 330.8.3.2 | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Grab bars at bathtubs  | 330.8.4   | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Vertical grab bars   | 330.8.4.1 | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Horizontal grab bars   | 330.8.4.2 | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Grab bars at shower stalls                                       | 330.8.5   | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Vertical grab bars   | 330.8.5.1 | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Horizontal grab bars   | 330.8.5.2 | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Ramps  | 330.9     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Handrails for ramps  | 330.9.1   | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Stair treads and risers  | 330.1     | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Handrails for treads and risers                                  | 330.10.1  | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
|                            | Shower stalls  | 330.11    | 332   |  |        |  | Copy model and renumber<br>Modify amendment |
| <a href="#">51-51-0331</a> | Family home child care   | 331.0.    | 333   | Revise section number to 333                                   | MODIFY |  | Copy model and renumber<br>Modify amendment |
| <a href="#">51-51-0332</a> | Protection against radon   | 332       | 334   | Revise section number to 334                                   | MODIFY |  | Copy model and renumber<br>Modify amendment |
|                            | Protection against radon   | 332.1     | 334.1 | Does not exist in base code;<br>modify section number to 334.1 | MODIFY |  | Copy model and renumber<br>Modify amendment |
| <b>04 Foundations</b>      |  |           |       |  |        |  |   |



| TAG Member: Annie O'Rourke                |                                      |                  |                    |  |  |  |                                      |   |
|---|--------------------------------------|------------------|--------------------|--|--|--|--------------------------------------|---|
| <a href="#">51-51-0403</a>                | Footings                             | 403              | 403                |  |  |  |                                      |   |
|   | Minimum size                         | 403.1.1          | 403.1.1            | No change in model code - up for discussion                                  |  |  | Delete amendment                     |   |
|   | Foundation anchorage                 | 403.1.6          | 403.1.6            | Covered in model code  |  |  | Delete amendment                     | Delete amendment  |
|   | Form materials and form ties         | 404.1.3.3.6      | 404.1.3.3.6        |  |  |  | Needs to be removed from section 403 | Delete amendment  |
| <a href="#">51-51-0404</a>                | Foundation and retaining walls       | 404              | 404                |  |  |  |                                      |   |
|   | Form materials and form ties         | 404.1.3.3.6      | 404.1.3.3.6        | Covered in model code  |  |  | Delete amendment                     | Delete amendment  |
| <a href="#">51-51-0408</a>                | Under-floor space                    | 408              | 408                |  |  |  |                                      |   |
|   | Ventilation                          | 408.1            | 408.1              | rewrite amendment for intent   |  |  | Modify amendment                     |   |
|   | Openings for under-floor ventilation | 408.2            | 408.2              | rewrite amendment for intent   |  |  | Modify amendment                     |   |
|   | Unvented crawl space                 | 408.3            | 408.3              | 2018 section R408.3 entirely not just state amended portion.                 |  |  | Keep amendment                       | Keep amendment  |
| <b>05 Floors</b>                          |                                      |                  |                    |  |  |  |                                      |   |
| TAG Member: Annie O'Rourke                |                                      |                  |                    |  |  |  |                                      |   |
| <a href="#">51-51-0501</a>                | Reserved                             | 501              |                    |  |  |  | Keep amendment                       | Keep amendment  |
| <a href="#">51-51-0502</a>                | Reserved                             | 502              |                    |  |  |  | Keep amendment                       | Keep amendment  |
| <a href="#">51-51-0507</a>                | Decks                                | 507              |                    |  |  |  |                                      |   |
|   | Decks                                | 507.1            | 507.1              | Covered in model code  |  |  | Delete amendment                     | Delete amendment  |
|   | Minimum footing size for decks       | 507.3.1 Table    | 507.3.1            | Now in model code with added conditions and fixed footnote b                 |  |  | Delete amendment                     | Modify amendment Remove (b) LIVE OR GROUND SNOW LOADs (psf) |
|   | Deck post                            | 507.4            | 507.4              | Now in model code with added conditions                                      |  |  | Delete amendment                     | Keep amendment  |
|   | Deck beams                           | 507.5            | 507.5              | too many other wood species - adds 4 new tables                              |  |  | Keep amendment                       | Keep amendment  |
|   | Deck joist                           | 507.6            |                    | Covered in model code  |  |  | Delete amendment                     | Keep amendment  |
|   | Band joist details                   | 507.9.1.2        | 507.9              | Covered in model code  |  |  | Delete amendment                     | Delete amendment  |
|   | Deck lateral load connections        | 507.9.2          |                    | Model code did not pick up unique change                                     |  |  | Keep amendment                       | Keep amendment  |
|   | Placement of lag screws              | Table 507.9.1.   | Table 507.9.1.3(2) | Model code did not pick up unique change NOTE: Table number needs correction |  |  | Keep amendment                       | Modify amendment fix numbering                              |
|   | Deck ledger connection               | Table 507.9.3(1) | Table 507.9.3(1)   | Covered in model code  |  |  | Delete amendment                     | Keep amendment  |
| <b>06 Wall Construction</b>               |                                      |                  |                    |  |  |  |                                      |   |
| TAG Member: Michelle Yee / Micah Chappell |                                      |                  |                    |  |  |  |                                      |   |
| <a href="#">51-51-0602</a>                | Wood wall framing                    | 602              |                    |  |  |  |                                      |   |
|   | Used sawn lumber                     | 602.1.1.1        |                    |  |  |  |                                      |   |
|   | Cripple walls                        | 602.9            |                    |  |  |  |                                      |   |
|   | Cripple wall bracing                 | 602.10.10        |                    |  |  |  |                                      |   |
| <a href="#">51-51-0608</a>                | Exterior concrete wall construction  | 608              |                    |  |  |  |                                      |   |
|   | General                              | 608.1            |                    |  |  |  |                                      |   |
|   | Concrete and materials for concrete  | 608.5.1          |                    |  |  |  |                                      |   |

|  |  |          |          |  |  |                |  |
|--|--|----------|----------|--|--|----------------|--|
| <a href="#">51-51-0609</a>                       | Exterior windows and doors                                       | 609      |          |  |  |                |  |
|  | Testing and labeling   | 609.3    |          |  |  |                |  |
| <a href="#">51-51-0612</a>                       | Reserved   | 612      |          |  |  | Keep amendment |  |
| <b>07 Wall Covering</b>                          |  |          |          |  |  |                |  |
| <b>TAG Member: Michelle Yee / Micah Chappell</b> |  |          |          |  |  |                |  |
| <a href="#">51-51-0702</a>                       | Interior Covering  | 702      |          |  |  |                |  |
|  | Other finishes   | 702.5    |          |  |  |                |  |
| <a href="#">51-51-0703</a>                       | Exterior Covering  | 703      |          |  |  |                |  |
|  | Water resistance   | 703.1.1  |          |  |  |                |  |
|  | Water-resistive barrier  | 703.2    |          |  |  |                |  |
|  | Flashing   | 703.4    |          |  |  |                |  |
|  | Lap Siding   | 703.10.2 |          |  |  |                |  |
| <b>08 Roof-Ceiling Construction</b>              |  |          |          |  |  |                |  |
| <b>TAG Member: Quyen Thai</b>                    |  |          |          |  |  |                |  |
| <a href="#">51-51-0806</a>                       | Reserved   |          |          |  |  | Keep amendment |  |
| <b>09 Roof Assemblies</b>                        |  |          |          |  |  |                |  |
| <b>TAG Member: Quyen Thai</b>                    |  |          |          |  |  |                |  |
| <a href="#">51-51-0903</a>                       | Weather protection   | 903      |          |  |  |                |  |
|  | Secondary (emergency overflow) drains or scuppers                | 903.4.1  |          | No notes?  |  | Keep amendment |  |
| <b>10 Chimneys and Fireplaces</b>                |  |          |          |  |  |                |  |
| <b>TAG Member: Quyen Thai</b>                    |  |          |          |  |  |                |  |
| <a href="#">51-51-1001</a>                       | Masonry fireplaces   | 1001     |          |  |  |                |  |
|  | Damper   | 1001.7.1 | 1001.7.1 | Notes?   |  | Keep amendment |  |
| <a href="#">51-51-1002</a>                       | Masonry heaters  | 1002     |          |  |  |                |  |
|  | Insallation  | 1002.2   |          |  |  |                |  |
|  | Combustion air and doors   | 1002.2.1 |          |  |  |                |  |
| <a href="#">51-51-1004</a>                       | Factory-built fireplaces   | 1004     |          |  |  |                |  |
|  | Emission standards for factory-built fireplaces                  | 1004.1.1 |          |  |  |                |  |
|  | Emission standards for certified masonry and concrete fireplaces | 1004.1.2 | 1004.1.2 | Emission standards for factory-built fireplaces   Emission standards for certified masonry and concrete fireplaces |  | Keep amendment |  |
| <a href="#">51-51-1006</a>                       | Exterior air supply  | 1006     |          |  |  |                |  |
|  | Passageway   | 1006.4   |          | Passage Way (Not Adopted) Solid fuel-burning appliances and fireplaces   |  | Keep amendment |  |
|  | Solid fuel burning appliances and fireplaces                     | 1006.6   |          | Passage Way (Not Adopted) Solid fuel-burning appliances and fireplaces   |  | Keep amendment |  |
| <b>12 Mechanical Administration</b>              |  |          |          |  |  |                |  |
| <b>TAG Member: TBD</b>                           |  |          |          |  |  |                |  |
| <a href="#">51-51-1201</a>                       | General  | 1201     |          |  |  |                |  |
|  | Scope  | 1201.1   |          |  |  |                |  |

|  |   |             |  |  |  |                |  |
|--|---|-------------|--|--|--|----------------|--|
|  | Construction Document                     | 1201.3      |  |  |  |                |  |
|  | Testing                                   | 1201.4      |  |  |  |                |  |
| <b>13 General Mechanical System Requirements</b>       |   |             |  |  |  |                |  |
| <b>TAG Member: TBD</b>                                 |   |             |  |  |  |                |  |
| <a href="#">51-51-1301</a>                             | General                                   | 1301        |  |  |  |                |  |
|  | Identification                            | 1301.2      |  |  |  |                |  |
| <a href="#">51-51-1302</a>                             | Reserved                                  | 1302        |  |  |  | Keep amendment |  |
| <a href="#">51-51-1307</a>                             | Appliance installation                    | 1307        |  |  |  |                |  |
|  | Anchorage of appliances                   | 1307.2      |  |  |  |                |  |
| <b>14 Heating and Cooling Equipment and Appliances</b> |   |             |  |  |  |                |  |
| <b>TAG Member: TBD</b>                                 |   |             |  |  |  |                |  |
| <a href="#">51-51-1413</a>                             | Evaporative cooling equipment             | 1413        |  |  |  |                |  |
|  | General                                   | 1413.1      |  |  |  |                |  |
| <a href="#">51-51-1415</a>                             | Reserved                                  | 1415        |  |  |  | Keep amendment |  |
| <b>15 Exhaust Systems</b>                              |   |             |  |  |  |                |  |
| <b>TAG Member: TBD</b>                                 |   |             |  |  |  |                |  |
| <a href="#">51-51-1501</a>                             | Reserved                                  |             |  |  |  | Keep amendment |  |
| <a href="#">51-51-1503</a>                             | Domestic cooking exhaust equipment        | 1503        |  |  |  |                |  |
|  |   | 1503.2.1    |  |  |  |                |  |
| <a href="#">51-51-1504</a>                             | Exhaust ducts and exhaust openings        | 1504        |  |  |  |                |  |
|  | Exhaust openings                          | 1504.3      |  |  |  |                |  |
| <a href="#">51-51-1505</a>                             | Mechanical ventilation                    | 1505        |  |  |  |                |  |
|  | Whole-house mechanical ventilation system | 1505.4      |  |  |  |                |  |
|  | System design                             | 1505.4.1    |  |  |  |                |  |
|  | Whole house system component requirements | 1505.4.1.1  |  |  |  |                |  |
|  | Exhaust fans                              | 1505.4.1.2  |  |  |  |                |  |
|  | Supply fans                               | 1505.4.1.3  |  |  |  |                |  |
|  | Balanced whole house ventilation system   | 1505.4.1.4  |  |  |  |                |  |
|  | Furnace integrated supply                 | 1505.4.1.5  |  |  |  |                |  |
|  | Testing                                   | 1505.4.1.6  |  |  |  |                |  |
|  | Certificate                               | 1505.4.1.7  |  |  |  |                |  |
|  | System controls                           | 1505.4.2    |  |  |  |                |  |
|  | Mechanical ventilation rate               | 1505.4.3    |  |  |  |                |  |
|  | Ventilation quality adjustment            | 1505.4.3.1  |  |  |  |                |  |
|  | Intermittent off operation                | 1505.4.3.2  |  |  |  |                |  |
|  | Local exhaust rates                       | 1505.4.4    |  |  |  |                |  |
|  | Local exhaust                             | 1505.4.4.1  |  |  |  |                |  |
|  | Local exhaust fans                        | 1505.4.4.2  |  |  |  |                |  |
|  | Prescriptive Exhaust Duct Sizing Table    | 1505.4.4(2) |  |  |  |                |  |
| <a href="#">51-51-1507</a>                             | Reserved                                  | 1507        |  |  |  | Keep amendment |  |
| <a href="#">51-51-1508</a>                             | Reserved                                  | 1508        |  |  |  | Keep amendment |  |
| <b>16 Duct Systems</b>                                 |   |             |  |  |  |                |  |
| <b>TAG Member: TBD</b>                                 |   |             |  |  |  |                |  |
| <a href="#">51-51-1600</a>                             | Duct systems                              | 1600        |  |  |  |                |  |
|  | Above-ground duct systems                 | 1601.1.1    |  |  |  |                |  |

| 17 Combustion Air                |  |          |  |  |  |                |  |
|----------------------------------|--|----------|--|--|--|----------------|--|
| TAG Member: TBD                  |  |          |  |  |  |                |  |
| <a href="#">51-51-1700</a>       | Combustion air   | 1700     |  |  |  |                |  |
|                                  | Scope  | 1701.1   |  |  |  |                |  |
| 20 Boilers and Water Heaters     |  |          |  |  |  |                |  |
| TAG Member: TBD                  |  |          |  |  |  |                |  |
| <a href="#">51-51-2000</a>       | Boiler and water heaters                                     | 2000     |  |  |  |                |  |
|                                  | General  | 2005.1   |  |  |  |                |  |
| 21 Hydronic Piping               |  |          |  |  |  |                |  |
| TAG Member: UPC TAG              |  |          |  |  |  |                |  |
| <a href="#">51-51-2101</a>       | Hydronic piping systems installation                         | 2101     |  |  |  | UPC will do    |  |
|                                  | Protection of potable water                                  | 2101.3   |  |  |  | UPC will do    | Keep amendment   |
|                                  | Prohibited tee applications                                  | 2101.7   |  |  |  | UPC will do    | Delete Amendment   |
| <a href="#">51-51-2103</a>       | Floor heating systems  | 2103     |  |  |  | UPC will do    |  |
|                                  | Piping joints  | 2103.3   |  |  |  | UPC will do    | Modify Amendment. Delete 605.3.1 and just put Section 605  |
| <a href="#">51-51-2105</a>       | Ground source heat-pump system loop piping                   | 2105     |  |  |  | UPC will do    |  |
|                                  | CPVC plastic pipe  | 2105.9   |  |  |  | UPC will do    | Modify Amendment. Delete 605.2.2 and just put Section 605  |
|                                  | PVC plastic pipe   | 2105.14  |  |  |  | UPC will do    | Modify Amendment. Delete 605.12.2 and just put Section 605 |
|                                  | Protection of potable water                                  | 2105.18  |  |  |  | UPC will do    | Keep amendment   |
|                                  | Pipe penetrations  | 2105.19  |  |  |  | UPC will do    | Keep amendment   |
| 23 Solar Thermal Energy Systems  |  |          |  |  |  |                |  |
| TAG Member: TBD                  |  |          |  |  |  |                |  |
| <a href="#">51-51-2300</a>       | Solar thermal energy systems                                 | 2301     |  |  |  |                |  |
|                                  | Pressure and temperature relief valves and system components | 2301.2.3 |  |  |  |                |  |
|                                  | Piping insulation  | 2301.2.5 |  |  |  |                |  |
|                                  | Heat transfer gasses or liquids and heat exchangers          | 2301.4   |  |  |  |                |  |
|                                  | Solar thermal systems for heating potable water              | 2301.7   |  |  |  |                |  |
|                                  | Indirect systems   | 2301.7.1 |  |  |  |                |  |
|                                  | Direct systems   | 2301.7.2 |  |  |  |                |  |
| 24 Fuel Gas                      |  |          |  |  |  |                |  |
| TAG Member: TBD                  |  |          |  |  |  |                |  |
| <a href="#">51-51-2439</a>       | Reserved   | 2439     |  |  |  | Keep amendment |  |
| 29 Water Supply and Distribution |  |          |  |  |  |                |  |
| TAG Member: Darrin               |  |          |  |  |  |                |  |

|                            |                                      |          |  |   |   |  |  |
|----------------------------|--------------------------------------|----------|--|---|---|--|--|
| <a href="#">51-51-2904</a> | Dwelling unit fire-sprinkler systems |          |  | <p>In this TAG members opinion the significant changes to Section P2904 are as follows: Section P2904 for dwelling unit fire sprinklers systems has been revised to reflect current installation practices and to correlate with some common acceptable methods in NFPA 13 D. Section P2904 states that installations must comply with NFPA 13D or Section P2904, and the Section P2904 is considered equivalent to NFPA 13 D.</p> <p>The following is a summary of significant changes to IRC Section P2904:</p> <p>1. Section P2904.2.1: Permits intermediate temperature sprinklers to be used in lieu of ordinary temperature sprinklers.</p> <p>2. Section P2904.2.3 Allows listed dry pipe residential sprinkler for freeze protection.</p> | <b>This TAG member sees no reason to make any additional changes to Washington State Building Code Appendix U for 2021 cycle for the reasons listed in the comment section below.</b> |  |  |
|                            | Required sprinkler locations.        | 2904.1.1 |  |   |   |  |  |

**44 Referenced Standards**

**TAG Member:**

|                            |                      |  |  |  |  |  |  |
|----------------------------|----------------------|--|--|--|--|--|--|
| <a href="#">51-51-4400</a> | Referenced standards |  |  |  |  |  |  |
|                            |                      |  |  |  |  |  |  |

**Appendix AF Radon Control Methods**

**TAG Member: Darrin Graham**

|                             |                                    |         |  |  |  |  |  |
|-----------------------------|------------------------------------|---------|--|--|--|--|--|
| <a href="#">51-51-60101</a> | Appendix F radon control methods   | 60101   |  |  |  |  |  |
|                             | General                            | 101.1   |  |  |  |  |  |
|                             | High Radon potential zone counties | 101 (1) |  |  |  |  |  |
| <a href="#">51-51-60103</a> | Requirements                       | 60103   |  |  |  |  |  |
|                             | General                            | 103     |  |  |  |  |  |

**Appendix Q**

**TAG Member: Micah Chappell**

|                             |                                      |         |  |  |  |  |  |
|-----------------------------|--------------------------------------|---------|--|--|--|--|--|
| <a href="#">51-51-60104</a> | Tiny houses                          |         |  |  |  |  |  |
|                             | Definitions                          | 102     |  |  |  |  |  |
|                             | Minimum ceiling height               | 103.1   |  |  |  |  |  |
|                             | Energy conservation                  | 104     |  |  |  |  |  |
|                             | Air leakage testing                  | 104.1   |  |  |  |  |  |
|                             | Whole house mechanical ventilation   | 104.1.1 |  |  |  |  |  |
|                             | Emergency escape and rescue openings | 105     |  |  |  |  |  |

**Appendix U**

|                             |  |          |  |  |  |  |  |
|-----------------------------|--|----------|--|--|--|--|--|
| <a href="#">51-51-60105</a> | Dwelling unit fire sprinkler systems   |          |  |  |  |  |  |
|                             | Required sprinkler locations   | 2904.1.1 |  |  |  |  |  |
| <b>Appendix T</b>           |  |          |  |  |  |  |  |
| <a href="#">51-51-60106</a> | Solar-ready provisions-detached one- and two-family dwellings, multiple single-family dwellings (townhouses) |          |  |  |  |  |  |
|                             | Scope  | 101      |  |  |  |  |  |
|                             | General  | 101.1    |  |  |  |  |  |
|                             | General definitions  | 102      |  |  |  |  |  |
|                             | Solar ready zone   | 103      |  |  |  |  |  |
|                             | General  | 103.1    |  |  |  |  |  |
|                             | Construction document requirements for solar ready zone  | 103.2    |  |  |  |  |  |
|                             | Solar-ready zone area  | 103.3    |  |  |  |  |  |
|                             | Obstructions   | 103.4    |  |  |  |  |  |
|                             | Shading  | 103.5    |  |  |  |  |  |
|                             | Capped roof penetration sleeve   | 103.6    |  |  |  |  |  |
|                             | Roof load documentation  | 103.7    |  |  |  |  |  |
|                             | Interconnection pathway  | 103.8    |  |  |  |  |  |
|                             | Electrical service reserved space  | 103.9    |  |  |  |  |  |
|                             | Construction documentation certificate   | 103.1    |  |  |  |  |  |
| <b>Appendix V</b>           |  |          |  |  |  |  |  |
| <a href="#">51-51-60107</a> | Fire sprinklers  |          |  |  |  |  |  |
|                             | Fire sprinklers  | 107.1    |  |  |  |  |  |