

RESOLUTION NO. _____

SEVIER COUNTY COMMISSION

A Resolution to adopt the various standard codes relating to inspection activities for Sevier County, Tennessee, pursuant to Tennessee Code Annotated, sections 5-20-101 through 5-20-106.

Section 1: **WHEREAS**, the subject codes established minimum regulations to provide for the safe construction of building and health of the inhabitants; and

WHEREAS, BE IT RESOLVED by County Commission of Sevier County, Tennessee that the 2012 International Residential Code be removed.

NOW, THEREFORE, BE IT RESOLVED by the County Commission of Sevier County, Tennessee that the following codes are hereby adopted:

1) International Residential Code, 2018 Edition as published by the International Code Council. Including the following Appendences”

- Appendix A (SIZING AND CAPACITITES OF GAS PIPING)
- Appendix B (SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPED WITH DRAFT HOODS, CATEGORY I APPLIANCES AND APPLICANCES LISTED FOR USE WITH TYPE B VENTS)
- Appendix C (EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS)
- Appendix G (PIPING STANDARDS FOR VARIOUS APPLICATIONS)
- Appendix J (EXISTING BUILDINGS AND STRUCTURE)
- Appendix N (VENTING METHODS)
- Appendix P (SIZING OF WATER PIPING SYSTEM)
- Appendix Q (TINY HOUSES)
- Delete **Chapters 34-43** relating to electrical in the entireties.
- Amending the following sections:
- **Section R101.1 Title.** Delete “[NAME OF JURISDICTION]” and insert “Sevier County, Tennessee” in its place
- **Section R105.1 Required.** Delete “Electrical,”
- **Section R105.2 Work except from permit.** Delete “2. Fences not over 7 feet (1829mm) high.” and insert “2. Fences.” in its place. Delete “Electrical: 1. Listed cord- and plug connected temporary decorative lighting 2. Reinstallation of attachment plug receptacles but not the outlets therefor. 3. Replacement of branch circuit overcurrent devices of the required capacity in the same location. 4. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy. 5. Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.”

- **Table R301.2 (1) Climatic and Geographic Design Criteria.** Insert “10 PSF” in the table for Ground Snow Load. Insert “90” in the table for Wind Speed. Insert “No” in the table for topographic effects. Insert “C” in the table for Seismic Design Category. Insert “Severe” in the table for Weathering. Insert “12 inches” in the table for Frost Line Depth. Insert “Moderate to Heavy” in the table for Termite. Insert “19 degrees Fahrenheit” in the table for Winter Design Temp. Insert “No” in the table for Ice Barrier Underlayment Required. Insert “FEMA FIRM” in the table for Flood Hazards. Insert “210” in the table for Air Freezing Index. Insert “59.4” in the table for Mean Annual Temp. Delete footnote g. in its entirety and in its place insert “g. Flood hazard areas shall be determined by the FEMA FIRM as adopted by Sevier County, Tennessee.”
- **Section R302.2.2 COMMON WALLS.** Delete the following: “Electrical installations shall be installed in accordance with Chapters 34 through 43.”
- **Section R302.5.1. Opening protection.** Delete the following at the end of this section: “, equipped with a self-closing device” and insert “.”
- **Section R311.2 Egress door.** Delete “one egress door” and replace with two egress doors” in first sentence. Add “Exception 1. One egress door is required when *dwelling* is equipped with automatic fire sprinkler system. Exception 2. One egress door is required when all required *emergency escape and rescue openings* are *grade floor openings*”
- **Section R313.1 Townhouse automatic fire sprinkler.** Insert “; however, an automatic fire sprinkler system shall not be required if each unit is separated by a two (2) hour fire wall” after “installed in townhouses” and before”.”.
- **Section R313.2 One- and two-family dwellings automatic fire sprinkler system.** Delete the words “An automatic residential fire sprinkler system shall be installed in one- and two-family dwelling.” Replace with “When an automatic residential fire sprinkler system is installed in one- and two-family dwellings, the following shall apply.”
- **Section R314.6 Power Source.** Add Exception 3. Interconnection and hardwiring of smoke alarms in existing areas shall not be required where the alterations or repairs do not result in the removal of interior walls or ceiling finishes exposing the structure.
- **Section R322.1.7 Protection of water supply and sanitary sewage.** Delete “and Chapter 3 of the *International Private Sewage Disposal Code*.”
- **Section R502.11.4 Truss Design Drawings.** Delete “to the *building official* and *approved* prior to installation” and replace it with “for review when required by the *building official*”.
- **Table N1102.1.2 (R402.1.2) Insulation and Fenestration requirements by Component.** In the row for climate zone “4 except Marine”, change Ceiling R-value from “R49” to R38”, and change the Wood Frame Wall R-value from “20 or 13+5” to “R13”, and change the Mass wall R-value from “8/13” to “5/10”.
- **Table N1102.1.2 (R402.1.2) Insulation and fenestration requirements by Component.** Insert footnote “j” “Log walls complying with ICC400 and with minimum average wall thickness of five (5) inches or greater shall be permitted in Zone 4 when a Fenestration U-factor of .35 or lower is used, a Skylight U- factor of .60 or lower is used, a 90 AFUE furnace is used, an 85 AFUE Boiler is used, and a 9.0 HSPF Heat Pump (heating) and 15 SEER (cooling) are used.
- **Table N1102.1.4 (R402.1.4) Equivalent U-Factors** In the row for climate zone “4 except Marine”, change Ceiling U-Factor from “0.026” to “0.35”,and change the Frame Wall U-Factor from “0.057” to “0.082”, and change the Mass Wall U-Factor from “0.098” to “0.141”.
- **Section N1102.4.1.2 (R402.4.1.2) Testing.** Add the word “(optional)”after the word “Testing” in the section title. Before the first sentence insert “Where required by the *building official* when visual inspection not performed,”

- **Section N1102.4.4 (R402.4.4) Rooms containing fuel-burning appliances.** Delete section in its entirety.
- **Section N1103.1.1 (R403.1.1) Programmable thermostat.** Add the word “(optional)” after the word “thermostat” in the section title.
- **Section N1103.3.3 (R403.3.3) Duct testing (Mandatory).** Delete “Mandatory” and replace with “Optional” in title.
- **Section N1103.4.2 (R403.4.2) Hot water pipe insulation (Prescriptive).** Delete the word “Prescriptive” and replace with the word “Optional” in the section title. Before the first sentence insert “Where required by the *building official*,” Before the words “All remaining piping” insert “Where required by the *building official*,”
- **Section N1103.5 (R403.5) Mechanical ventilation (Mandatory).** Delete the word “Mandatory” and replace with the word “Optional” in the section title. Delete “The building shall be provided with ventilation that meets” and replace with “Buildings provided with ventilation shall meet”.
- **Section N1103.9 (403.9) Pools and in-ground permanently installed spas (Mandatory).** Delete the word “Mandatory” and replace with the word “Optional” in the section title. Before the first sentence insert “Where required by the *building official*,”
- **Section N1103.6 (R403.6) Mechanical ventilation (Mandatory).** Delete “Mandatory” and replace with “Optional” in title.
- **Section N1103.10 (R403.10) Pools and permanent spa energy consumption (Mandatory).** Delete “Mandatory” and replace with “Optional” in title
- **Section P2503.5.1 Rough Plumbing.** Delete the following in the first sentence: “for piping other than plastic,”
- **Section P2603.5.1 Sewer depth.** Delete [NUMBER] in two places and insert “twelve inches” in two places.
- **Table AF101 (1).** Insert “Sevier” in “Tennessee” counties.

Sevier County Mayor

Date