

One-And-Two-Family Dwelling Building Code (Draft 7/14/20)

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- ~~9-1-156: Irc Building Code Amendment, Chapter 44, Referenced Standards~~
- ~~9-1-157: Irc Building Code Amendment, Add Appendix V, Tiny Homes~~
- 9-1B-51: Addition Of Grading Provisions Related to One-And-Two-Family Dwellings
- 9-1B-15852: Addition Of Minimum Standards For Modular Non-hudHUD Structures And Manufactured Pre-HUD Structures
- 9-1B-15953: Fire Sprinkler And Alternative Extinguishing Systems Permits, Plan Review, Inspections, And Fees
- 9-1B-16054: Fire Alarm System Permits, Plan Review, Fees And Inspections, And Fees For Existing Buildings And Alarm Alterations

9-1B-1: Purpose

The purpose of this ~~e~~Cchapter is to provide certain minimum standards and requirements to safeguard life or limb, health, property, and the public welfare by regulating and controlling the design, construction, erection, alteration, moving, demolition, quality of materials, use, occupancy, location, and maintenance of all buildings and structures.

where not regulated by the Building Code or the Existing Building Code, in the city of Boise City. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-2: Codes Adopted

All the rules, regulations, and ordinances ~~of a general and permanent character~~ relating and applying to the regulation of the erection, construction, enlargement, alteration, repair, moving, removal, conversion, demolition, occupancy, equipment, use, height, area, and maintenance of one-and-two-family dwelling buildings or structures, and their accessory buildings or structures, ~~as said rules, regulations and ordinances are printed and contained in Code book form designated and entitled the "2015 International Building Code" (IBC) including appendix H (Signs) and appendix J (Grading), and the "2012 International Residential Code" (IRC) which is hereby amended to delete chapters 1—11 and chapter 44 and replacing those chapters with the corresponding chapters of~~ established by the "2015 2018 *International Residential Code*" (IRC) parts I through IV and IX, including Appendix Q (Tiny Houses) and eAppendix S, (Strawbale Construction) and adding appendix V (Tiny Homes), published under the authority of the International Code Council, Inc., ~~be and the same is~~ hereby ~~are~~ adopted as the One-And-Two-Family Dwelling Building Code of Boise City as amended, and except to the extent that those rules and regulations are hereby changed, altered, or amended by this code, shall be the rules, regulations, and ordinances governing the erection, construction, enlargement, alteration, repair, moving, removal, conversion, demolition, occupancy, equipment, use, height, area, and maintenance of one-and-two-family dwelling buildings or structures, and their accessory buildings or structures, at and within the City. A One copy of the 2018 International Residential Building Code of Boise City shall be ~~on~~ filed for use and examination by the public in the Office of the Clerk ~~for inspection~~. It shall be unlawful to erect, construct, enlarge, alter, repair, move, remove, convert, demolish, or maintain buildings or structures in violation of, or without complying with the rules, regulations, and ordinances set forth by the One-And-Two-Family Dwelling Building Code of Boise City as adopted and as may be changed, altered, or amended by the One-And-Two-Family Dwelling Building Code of Boise City. All provisions in this ~~e~~Chapter shall be effective January 1, ~~2018~~ 2021. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-1003: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R101.1, Title

R101.1 Title. ~~These provisions~~ Boise City Code Title 9, Chapter 1B shall be known as the Residential Code for One-and-Two-Family Dwellings Building Code of Boise City, and hereinafter may be cited or referred to ~~hereunder~~ as such "this Chapter" ~~or as and "this~~ "code" ~~hereunder~~. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-1014: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R101.2, Scope, ~~Delete~~ Repeal the Exception ~~Number One And Repeal Exception Number Two~~ And Replace

~~Exception number one to section R101.2 is deleted.~~

Exception number two to section R101.2 is repealed and replaced with one exception as follows:

~~Exception: Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the Residential Code for One- and Two-family Dwellings of Boise City.~~

Repeal the exception and replace with the following:

Exception: The following shall also be permitted to be constructed in accordance with this code:

1. Owner-occupied lodging houses with five (5) or fewer guestrooms and ten (10) of fewer total occupants.
2. A care facility with five (5) or fewer persons receiving custodial care within a dwelling unit or single-family dwelling.
3. A care facility for five (5) or fewer persons receiving personal care that are within a dwelling unit or single-family dwelling.
4. A care facility with twelve (12) or fewer children receiving day care within a dwelling unit or single-family dwelling.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-1025: ~~Repeal~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R102.7, Existing Structures

R102.7 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as ~~is~~ specifically ~~covered in~~ required by this code, the International Existing Building Code, the *International Fire Code*, the Uniform Housing Code, the Dangerous Buildings Code of Boise City, or as ~~is~~ may be deemed necessary by the building official ~~for~~ in order to protect the general safety and welfare of the general public or occupants ~~or the public~~. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-1036: ~~Repeal~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R103, Division Of Building Safety

Repeal section R103 in its entirety and replace with the following:

**SECTION R103
DIVISION OF BUILDING SAFETY**

R103.1 Creation of Enforcement Agency. The Division of Building Safety is hereby created and the official in charge thereof shall be known as the Planning and Development Services Director.

R103.2 Director. The Planning and Development Services Director shall be appointed by the Mayor with the consent of the Boise City Council.

R103.3 Agents. ~~Authorized Agents of the Planning and Development Services Director shall be designated by the~~ The Planning and ~~Department~~ Development Services Director may designate authorized agents for the purpose of administering this code and this Chapter.

R103.4 Designations. The Planning and Development Services Director ~~shall have the authority to~~ may designate ~~the related~~ technical officers, assistant building officials, inspection and plan review supervisors, plans examiners, inspectors and other employees within the Building Division. Such employees shall have such powers and authority as delegated by the Director.

R103.5 Division Manager, Building Official. The Planning and Development Services Director ~~shall have the authority to~~ may appoint a Division Manager to head the Building Division, which shall be also known as the building official. The assistant building officials, inspection and plan review supervisors, inspectors, plans examiners and other employees located in the Building Division shall report to the ~~B~~building ~~O~~official.

R103.6 Building Damage Assessment and Reconstruction Plan. The Planning and Development Services Director ~~shall have the authority to~~ may appoint ~~the related~~ technical officers, plans examiners, inspectors, individuals and other representatives from supporting jurisdictions to implement a building damage assessment and reconstruction plan in the event of calamitous events either natural or man-made. Such employees shall have such powers as delegated by the Director and protections as afforded by Section R104.8.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1~~B-1047~~: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R104.10.1, Flood Hazard Areas

R104.10.1 Flood hazard areas. The Floodplain Administrator shall not grant modifications to any provision related to flood hazard areas established by Table R301.2(1) unless said modification conforms to the Variances and Appeals section in the Flood Hazard regulations of the Boise Development Code.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1~~B-1058~~: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R105.2, Work Exempt From Permit

R105.2 Work exempt from permit. Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. One-story detached accessory structures, provided the floor area does not exceed two hundred (200) square feet (18.58 square meters).
2. Fences not ~~ever~~ exceeding seven (7) feet (2134 mm) high in height.
3. Retaining walls ~~that are~~ not ~~ever~~ exceeding four (4) feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons (18,927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways not more than thirty (30) inches (762 mm) above adjacent grade and not over any basement or story below.
6. Painting, papering, tiling, carpeting, cabinets, counter tops, and similar finish work.
7. Prefabricated swimming pools that are not greater than four (4) feet (1219 mm) deep.
8. Swings and other playground equipment accessory to a one-or two-family dwelling.
9. Window awnings supported by an exterior wall which do not project more than fifty-four (54) inches (1372 mm) from the exterior wall and do not require additional support.
- ~~10. Work with a total value of five hundred dollars (\$500.00) or less.~~
- ~~11. 10.~~ Decks that are not more than twelve (12) inches above grade at any point and do not serve the exit door required by Section R311.4.
- ~~12. 11.~~ Flag Poles.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-1069: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R105.2.1, Emergency Repairs

R105.2.1 Emergency Repairs. Where equipment replacements and repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day or ~~as~~ at ~~a~~ such time as required by the ~~B~~ building ~~O~~ official.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-10710: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R105.2.2, Repairs

R105.2.2 Repairs. Application or notice to the building official is not required for ordinary repairs to structures, replacement of lamps, or the connection of approved portable electrical equipment to approved permanently installed receptacles. Such repairs shall not include the cutting away of any wall, partition, or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include any addition to, alteration of, replacement, or relocation of any, gas piping, combustion vent, electric wiring, mechanical, or other work affecting public health or general safety. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-10811: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R105.3.1.1, Determination Of Substantially Improved Or Substantially Damaged Existing Buildings In Flood Hazard Areas

The first paragraph of section R105.3.1.1, determination of substantially improved or substantially damaged existing buildings in flood hazard areas, shall be amended to read as follows:

R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas. For applications for reconstruction, rehabilitation, addition, or other improvement of existing buildings or structures located in an area prone to flooding as established by Table R301.2(1), the Boise City Floodplain Administrator or designee shall examine or cause to be examined the construction documents for the proposed work. For buildings that have sustained damage of from any origin, the value of the proposed work shall include the cost to repair the building or structure to its pre-damaged condition. If the Floodplain Administrator or designee finds that the value of the building or structure before the damage has occurred or the improvement is started, the proposed work is a substantial improvement or restoration of substantial damage and shall require existing portions of the entire building or structure to meet the requirements of R322. All substantially improved or reconstruction of existing structures shall be made in accordance with the Flood Hazard regulations of the Boise Development Code in addition to this code. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-10912: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R105.3.2, Time Limitation Of Application

R105.3.2 Time limitation of application. Applications for which no permit is issued within 180 calendar days following the date of receipt of the application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the building official or designee. The building official may extend the time for action by the applicant for a period not exceeding 180 calendar days upon request by of the applicant showing demonstrating that circumstances beyond the control of the applicant have prevented action from being taken. No

application shall be extended more than twice. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11013: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R105.5, Expiration

R105.5 Expiration. Every permit issued by the building official or designee under the provisions of this code shall expire by limitation and become null and void if the building or work authorized by such permit is not commenced within one calendar year from the date of issuance of such permit, or if the building or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 calendar days.

The timeframe by which a project shall be deemed to be suspended or abandoned if no inspection has been requested shall be measured from the date of the last required inspection or if no inspection has been required then a project shall be deemed to be suspended one calendar year from the date of issuance the permit was issued.

Required inspections include: footing/foundation inspection, concrete slab or under-floor inspection, lowest floor elevation inspection, framing inspection, lath or gypsum board inspection, fire resistant penetration inspection, energy efficiency inspection, any required special inspections, final inspections and any other inspections, other than conference inspections, required by the building official. However, the building official may extend a permit ~~when~~ where a ~~good faith~~ valid delay is explained or where a reasonable effort toward code compliant work has been performed and that ~~significant~~ some progress has occurred towards the next stage of inspection.

a. **New Permit Required After Expiration.** Before work on the site can be recommenced after expiration, a new permit shall be first obtained ~~to do so~~, and the fee ~~therefor~~ shall be one half the amount required for a new permit provided no changes have been made or will be made ~~in to~~ the original plans and specifications for such work, that the work is still possible given current conditions, and that work has not been suspended or abandoned for more than one year from the last required, recorded inspection. In such cases, a new permit shall not be issued after expiration when the original review was performed using a previously adopted code.

Exception: For all construction or structures governed only by this code, an exception exists allowing the permit to be re-issued if requested in writing. This exception applies until the City adopts ~~see~~ a new version of the IRC building code, then the applicant must apply for a new permit and the plans will be subject to a new plan review process and related permit fees.

The building official shall have the authority to deny the new permit which utilizes the requirements of the expired permit unless the permittee made an effort to complete the project and for reasons beyond their control, and related to the project, resulted in suspension or abandonment of the project. The permittee must provide a written report on current status of construction which will include a request for an extension and a

timeframe for completion in order for the building official to renew the permit. The building official may also require documentation from a third party be provided by the permit applicant regarding the current state of the construction prior to issuance of a new permit.

b. **Permit Extensions.** Any permittee holding an unexpired permit may apply for an extension of the time within which work may commence under that permit, when the permittee is unable to commence work within the time required by this section. The building official may extend the time for action by the permittee for a period not exceeding 180 calendar days on written request by the permittee with written evidence provided demonstrating that a good faith effort to complete the project has been made and that reasons beyond the control of the permittee have resulted in a delay. Under no condition shall a permit be extended more than three times, for a total maximum time of three 180 calendar day extensions. Each 180-calendar day extension must be approved individually by the building official. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-~~111~~14: IRC One-And-Two-Family Dwelling Building Code Amendment, Add Section R105.10, Permit Transfer

R105.10 Permit transfer. A building permit shall be transferable to another party if ~~that~~ such party can provide a document signed by the original permit holder consenting to the transfer and ~~that~~ all agreements and conditions ~~are~~ incorporated into the original permit approval. A permit may also be transferred back to the property owner or owner's designated legal agent in cases where the property owner has terminated their legal relationship with their contractor or owner's designated ~~legal~~ agent. A clerical administrative fee for the transfer of the permit will be assessed for the work performed by city staff to facilitate the transfer. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-~~112~~15: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R106.1, Submittal Documents

Repeal section R106.1 in its entirety and replace with the following:

R106.1 Submittal documents. Two (2) sets of construction plans, special inspection, and structural observation programs, and other data as required by Boise City submittal checklists shall be submitted with each application for a permit. Plans for all townhouse construction with four (4) or more units attached shall be prepared, signed, and sealed by an architect licensed by the State of Idaho under section 54-309, Idaho Code, as amended.

Dwelling and townhouse units constructed in areas under the purview of the Hillside and Foothills Development Standards of the Boise Development Code, shall have foundation designs signed and sealed by a professional engineer licensed by the State of Idaho, and qualified in the engineering specialty involved.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11316: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R107.1, Temporary Structures - General

R107.1 Temporary structures - General. The building official is authorized to issue a permit for temporary structures with temporary uses having an overnight stay. Such permits ~~shall be limited as to time of service, but~~ shall not be permitted for more than 180 calendar days or as otherwise stated in the permit. The building official is authorized to grant extensions for demonstrated cause. The building official is authorized to terminate such permit for a temporary structure or use and to order the temporary structure or use to be discontinued.

Approvals for other temporary structures and uses of not more than 180 calendar days that do not involve an overnight stay shall be regulated by the Boise Development Code and Fire Department. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11417: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R107.3, Temporary Power

R107.3 Temporary power. The building official is authorized to give permission to temporarily supply and use power in part of an electric installation before ~~that~~ such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat, or power in the electrical code as adopted by the city of Boise City. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11518: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R108.2, Schedule Of Permit Fees

R108.2 Schedule of permit fees. Building Permit fees ~~are to~~ shall be ~~charged~~ assessed in accordance with the provisions of the Boise City Building Code ~~Fee s~~Schedule in Table No. 1-A contained in this code as adopted by the City Council, which will be kept on file at the Planning and Development Services permit counter, Boise City Clerk's office, or on the Planning and Development Services website. All building permit fees shall be reviewed by the Building Code Board prior to adoption by City Council. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11619: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R108.3, Building Permit Valuations

R108.3 Building permit valuations. The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall include total value of work, including materials and labor, for which the permit is being issued, such as building, electrical, gas, mechanical, plumbing, equipment, and permanent systems. If, in the opinion of the building official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates which meets the approval of the building official. The final building permit valuation shall be set by the building official. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11720: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R108.5, Fee Refunds

R108.5 Fee Refunds. ~~The building official may authorize a refund of any fee paid hereunder which was erroneously paid or collected.~~ The building official shall not authorize the refund of any fee, except upon written request by the original permittee or owner's representative made not later than 180 calendar days after payment.

The building official may authorize a refund of any fee paid which was erroneously paid or collected.

The building official may authorize a refund of 100 percent of the permit fee, less any administrative ~~activity~~ fees, paid when no work has ~~been done~~ commenced under a permit issued in accordance with this code.

The building official may authorize a refund of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan reviewing is done.

Third-party processing fees shall not be refunded.

~~The building official shall not authorize a refund of any fee paid except on written application filed by the original permittee or owner's representative not later than 180 days after the date of fee payment.~~
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11821: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R108.6, Work Commencing Before Permit Issuance

R108.6 Work commencing before permit issuance. Any person who commences any work on a building, structure, electrical, gas, mechanical, or plumbing system before obtaining the necessary permits shall be subject to a special investigation ~~that shall be made~~ before a permit may be issued for such work.

A special investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The special investigation fee shall be equal to the amount of the permit fee required by this code. The minimum special investigation fee shall be the same as the minimum fee set forth in accordance with the provisions of the Boise City Building Code Fee Schedule as adopted by the City Council. Table No. 1-A contained in this code. The payment of such special investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by law.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-11922: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R109.1.3, Floodplain Inspections

R109.1.3 Floodplain Inspections. For construction in flood hazard areas as established by

Table R301.2(1), in addition to the initial elevation certificate required at time of permit application, upon placement of the lowest floor, including basement, the building official or designee shall require submission of documentation, prepared by persons as specified in the Flood Hazard regulations of the Boise Development Code, of the elevation of the lowest floor, including basement, required in Section R322 prior to the request for a framing inspection. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12023: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R109.4, Approval Required

R109.4 Approval required. Work shall not be performed beyond the point indicated in each successive inspection without first obtaining the approval of the building official. The building official or designee, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the permit holder or an agent of the permit holder where ~~in~~ the ~~same~~ work fails to comply with this code. Any ~~work or~~ portions ~~thereof~~ that ~~does~~ not comply shall be corrected and ~~such portion~~ shall not be covered or concealed until authorized by the building official. A final inspection and approval is required upon completion and prior to occupancy and use of all buildings and structures. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12124: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Add Section R110.1.1, Certificate Of Completion

R110.1.1 Certificate of Completion. A Certificate of Completion may be issued in lieu of a Certificate of Occupancy when the scope of work of a permit does not affect, alter or change the occupant load, occupancy group, or occupancy use classification of a tenant space, structure, or portion of a structure. The work described within the scope of work of a permit is deemed to be complete and in substantial compliance with the applicable building and trade by the Planning and Development Services Department with adopted building codes when a final inspection has occurred and a Certificate of Completion has been issued. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-25: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R110.4, Temporary Occupancy

R110.4 Temporary occupancy. If the building official finds that no substantial hazard will result from occupancy of a building or portion thereof before the same is completed, a Temporary Certificate of Occupancy may be issued for the use of a portion or portions of a building or structure prior to the completion of the entire building or structure. A temporary occupancy may be issued for up to 90 calendar days. Multiple time extensions of a maximum of 90 calendar days each may be granted when requested in writing to the building official when a reasonable effort is demonstrated by the permit holder. In no case shall a temporary occupancy extend beyond two (2) years, unless the building official finds extenuating circumstances.

9-1B-12226: ~~IRC One-And-Two-Family Dwelling~~ Building Code Amendment, Section R111.1, Connection Of Service Utilities

R111.1 Connection of service utilities. Final inspection and approval is required upon completion of work and prior to occupancy or use of all buildings and structures for connection of service utilities. Lack of building official approval may result in the termination of utility services to said building or structure and prosecution under IRC Section R113.3 and the penalty provisions of this code.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12327: ~~IRC One-And-Two-Family Dwelling~~ Building Code Amendment, Add Section R111.4, Authority to Disconnect Utilities For Occupancy Violations

R111.4 Authority ~~of~~ to disconnect utilities for occupancy violations. Whenever any building, ~~or~~ structure, or equipment therein regulated by this code is being used contrary to the provisions of this code ~~and/or~~ other laws which are enforced by the city of Boise City, the building official may order such use discontinued and the structure, or portion thereof, vacated, and the utility services disconnected by notice served on any person causing such use to be continued. Such person shall discontinue the use or make the structure or portion thereof, comply with the requirements of this code, ~~and/or~~ other laws which are enforced by the city of Boise City, within ~~a time period of~~ thirty (30) calendar days of receipt of such notice or as ~~designated~~ required by the building official.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12428: ~~IRC One-And-Two-Family Dwelling~~ Building Code Amendment, Section R112.1, Building Code Board Of Appeals, Add Section R112.1.1, Appeals To The Building Code Board Of Appeals And Add Section R112.1.2, Appeal Procedure

R112.1 Building Code Board of Appeals. ~~In order to hear and decide appeals of orders, decisions, or determinations made by the building official with respect to the application and interpretation of this code, there shall be and~~ There is hereby created a Building Code Board of Appeals hereinafter referred to as "the Board" which shall be composed consisting of ten (10) members and shall be appointed by the Mayor by and with the advice and consent of the City Council, including: Members of the Board shall include at least three (3) Idaho registered engineers; three (3) Idaho licensed architects; three (3) Idaho registered building contractors and one (1) person who owns or operates a fire sprinkler business, and are qualified by experience and training to pass upon matters pertaining to building construction, all of whom shall not be employees of the city of Boise City. Any member of the Board that fails to maintain a valid Idaho license or registration for their respective profession, shall be disqualified from serving on the Board.

Boise City residency of ~~At~~ least five (5) of the members is required ~~shall be residents of the city of Boise City.~~ Members not residing in Boise City must reside within Ada County and ~~transact~~ conduct business in Boise City. The terms of office shall be four (4) years and if a vacancy occurs during an unexpired term, then the Mayor with the consent of the City Council shall appoint a member to fill the unexpired term. The Board shall

select one of its members as Chair. Members of the Board shall serve and act without compensation except that their actual and necessary expenses may be allowed by the City Council. The Secretary, who is hereby designated to be the building official or designated representative, shall keep a record of all meetings, appeals, hearings, and proceedings of the Board and shall perform all services that may otherwise be required.

~~The building official shall be an ex-officio member of and shall act as secretary to said board but shall have no vote upon any matter before the board. The Board of Appeals shall be appointed for a term of four (4) years by the governing body and shall hold office at the pleasure of the Mayor and Boise City Council. The board may adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the building official.~~

BOARD DUTIES

It shall be the responsibility and duty of the Board:

1. To recommend and submit to the Mayor and City Council any proposed amendments to this Chapter, or other applicable Chapters, which may govern the design, construction, installation, improvement, expansion, alteration, or repair of buildings or structures.
2. To recommend and submit to the Mayor and City Council any proposed standards for the quality and type of materials, fixtures, appliances, and devices use in, design or construction of buildings or structures.
3. To recommend and submit to the Mayor and City Council any proposed amendments to this Chapter, or other applicable Chapters, prescribing the standards and procedures for reviewing and inspecting buildings or structures.
4. To review upon written request, the administration and enforcement of the minimum standards, codes, regulations, procedures, and fees required by this Chapter, or other applicable Chapters, including appeals of any interpretations of this Chapter, or other applicable Chapters, or decisions made by the building official under this Chapter.
5. To also serve in capacity as the Fire Code Board of Appeals with the same authority, duties, process, and standard of review with the fire code official in place of the building official.

R112.1.1 APPEALS TO THE BUILDING CODE BOARD OF APPEALS

A. ~~APPLICATION FOR~~ APPEAL PROCESS

Any permit applicant ~~for a permit~~, whose application has been rejected ~~by the City~~, or any person who has been ordered ~~by the City~~ to modify, alter, remove, or install any building code provisions as required by this ~~code~~ Chapter may appeal that decision by

~~filing notice in writing with the City~~ within ten (10) calendar days. ~~thereafter, request an appeal by filing notice in writing with the building official. The building official or designee shall deliver such notice to the board.~~ The appeal hearing shall be held within thirty (30) calendar days of receipt of the notice of appeal or as otherwise agreed upon by parties to the appeal and the City. At the hearing the bBBoard may, by a majority vote, affirm, ~~annul~~ reverse or modify the action of the City. If the actions of the City are modified or ~~annulled~~ reversed, a permit shall be issued in accordance with the ~~determination~~ decision of the bBBoard.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

B. STANDARD OF REVIEW

The Board may: (1) modify or impose an alternative to requirements to those contained within this Chapter only when the appellant demonstrates that the requirements of this Chapter are impracticable and demonstrates that the modification or alternative provides at least an equivalent level of safety to that required under this Chapter, or (2) determines that the City erred in its interpretation or application of the code provisions.

B. C. APPEAL FEE

Any person appealing a decision of the City shall include payment of an appeal fee in an amount as ~~established~~ specified in the Boise City Building Code Fee Schedule as adopted by the Boise City Council. ~~and listed on the most current fee schedule.~~ In the event ~~that~~ the decision of the building official is reversed ~~appellant prevails~~, then the appeal fee shall be ~~refunded~~ returned to the aAppellant.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018; amd. 2019 Code)

B. D. APPEAL TO CITY COUNCIL

Any order, decision, or ruling of the bBBoard may be appealed, by filing notice in writing to the Boise City Council within ten (10) calendar days of such order, decision, or ruling.

R112.1.2 APPEAL PROCEDURE

The Building Code Board of Appeals may receive all evidence on appeal, in accordance with the following procedure:

A. The building official or designee shall first present background information on the appeal project in question, including relevant code sections and their interpretation and other information related to the activities or work performed related to the appeal. The bBBoard may ask questions during or after each presentation.

B. ~~Applicant~~ The Appellant shall be allowed to may then present any information relevant to the appeal ~~or applicable code sections to support a reversal of the building official's decision~~. The aAppellant shall have up to twenty (20) minutes to present such evidence.

C. The eChair shall next open the hearing to receive public testimony. Each person

wishing to provide public testimony shall be given up to five (5) minutes to do so.

D. Following the close of public testimony, the building official or designee shall be allowed up to ten (10) minutes for rebuttal and any final comments.

E. The ~~a~~Appellant then shall ~~then~~ have up to ten (10) minutes for rebuttal and any final comments.

F. The ~~Chairman of the board may allocate equivalent~~ may grant additional time to the ~~applicant~~ Appellant and the ~~B~~building ~~O~~official or ~~his~~ designee if the additional time would aid the Board in its decision provided that both the Appellant and the building official receive an equal amount of time each ~~clarity of the issue at hand can be enhanced by receiving additional testimony.~~

G. Following the hearing, the ~~b~~Board may deliberate and render a final decision by a roll call vote, may request more information before a final decision is made, or may take the matter under advisement and reconvene at a reasonable time ~~not to exceed~~ within fifteen (15) calendar days in order to ~~make or~~ render a final decision. The final decision shall be in writing and with a copy provided to the ~~a~~Appellant ~~and any parties of record~~ within ten (10) calendar days of rendering a final decision on the appeal. The decision by the ~~b~~Board may be appealed to the ~~Boise~~ City Council within ten (10) calendar days following the date of issuance of a written decision.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12529: ~~the~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R113.4, Criminal Penalties

Repeal Section R113.4 ~~is repealed~~ in its entirety and replaced ~~as follows~~ with the following:

R113.4 Criminal Penalties. Any person, firm or corporation violating the provisions of this ~~C~~code shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than one thousand dollars (\$1,000.00), by imprisonment for not more than one hundred eighty (180) days, or by both such fine and imprisonment. Each separate day or any portion thereof during which any violation of this ~~C~~code occurs or continues shall be deemed to constitute a separate offense, and upon conviction thereof shall be punishable as herein provided.

A. In the discretion of the building official, the City may charge the offender with an infraction in lieu of a misdemeanor. The infraction shall be payable by a fine of three hundred dollars (\$300.00). There shall be no right to a trial by jury for an infraction citation or complaint.

B. For purposes of trial by court or jury, the infraction described within this section shall not constitute a lesser included offense for any misdemeanor citation or complaint.

C. A prosecuting attorney may reduce a misdemeanor charge under this

Chapter to an infraction as described herein, payable by a \$300 fine, if the defendant engages in corrective actions resulting in fully completed and permitted work.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12630: Irc IRC One-And-Two-Family Dwelling Building Code Amendment, Section R114, Stop Work Order

Repeal section R114 in its entirety and replace with the following:

Section R114
STOP WORK ORDER

R114.1 Authority. Whenever the building official finds any work regulated by this code being performed in a manner contrary to the provisions of this code or in a dangerous or unsafe manner, the building official is authorized to issue a stop work order.

R114.2 Issuance. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the work in question will be permitted to resume.

R114.3 Unlawful Continuance. Any person that continues any work after having been served with a stop work order, except such work as that person is directed to perform to remedy a violation or unsafe condition, shall be subject to penalties as prescribed by law.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12731: Irc IRC One-And-Two-Family Dwelling Building Code Amendment, Add Section R115, Unsafe Structures And Equipment And Section R115.1, Conditions

SECTION R115
UNSAFE STRUCTURES AND EQUIPMENT

R115.1 Conditions. Structures or existing equipment deemed unsafe shall be taken down and removed or made safe in accordance with provisions of the *Uniform Code for the Abatement of Dangerous Buildings* as adopted ~~under~~ by the *Dangerous Buildings Code* of Boise City.

Notwithstanding any other provisions of this code, whenever, in the opinion of the building official, there is an imminent danger due to an unsafe condition, the building official shall have authority to summarily order temporary safeguard work to be performed in order to render the structure temporarily safe or to warn the public of the dangerous condition. The temporary safeguard work required may include, but shall not be limited to placement of placards or signage, erecting barrier tape, barricades, or fencing, securing openings, or other means as the ~~code~~ building official deems

necessary to address such emergency.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12832: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R202, Definition For Townhouse

TOWNHOUSE. A single-family dwelling unit constructed in a row of attached units separated by property lines and with open space on at least two sides.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-12933: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Table R301.2(1), Climatic And Geographic Design Criteria

Local climatic and geographic design criteria for Table R301.2(1) shall be as follows:

**TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD^a: 20 PSF.

Design roof load shall not be less than a uniform snow load of 25 psf.

WIND DESIGN SPEED^d (mph): 90

Wind speed from the basic wind speed map [Figure R301.2(4)A]. Wind exposure category shall be determined in accordance with Section R301.2.1.4

WIND DESIGN TOPOGRAPHIC EFFECTS^k: NO

In accordance with Section R301.2.1.5

SEISMIC DESIGN CATEGORY^f: C

In accordance with Section R301.2.2.1

WEATHERING^a: Severe

As determined from the Weathering Probability Map [Figure R301.2(3)]. The grade of masonry units shall be determined from ASTM C34, C55, C62, C73, C90, C129, C145, C216 or C652.

FROST LINE DEPTH^b: 24 inches

TERMITE^e: Slight to Moderate

Based on history of local subterranean termite damage.

WINTER DESIGN TEMP^e: 10 degrees F

The outdoor design dry-bulb temperature shall be selected from the columns of 97¹/₂ percent values for winter from Appendix D of the International Plumbing Code or as determined by the Building Official.

ICE BARRIER UNDER LAYMENT REQUIRED^h: NO

In accordance with Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and

R905.8.3.1, where there has been a history of local damage from the effects of ice damming.

FLOOD HAZARDS^a: First Floodplain Ordinance for the City of Boise City became effective December 12, 1983. Flood Insurance Study (FIS) ~~February 19, 2003~~ June 19, 2020. Panel numbers (all with a date of ~~2/19/2003~~ June 19, 2020) are: 0160 H J, 0161 H J, 0162 H J, 0166 H J, 0167 H J, 0169 H J, 0178 H J, 0186 H J, 0187 H J, 0188 H J, 0189 H J, 0193 H J, 0254 H J, 0258 H J, 0259 H J, 0265 H J, 0267 H J, 0270 H J, 0276 H J, 0277 H J, 0281 H J, 0282 H J, 0283 H J, 0284 H J, 0286 H J, 0287 H J, 0291 H J, 0295 H J, 0305 H J, 0315 H J. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section.

AIR FREEZING INDEXⁱ: 894

Based on the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99%) value on the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32° Fahrenheit)" at www.ncdc.noaa.gov/fpsf.html.

MEAN ANNUAL TEMPIⁱ: 51.1 degrees F

Based on the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)" at www.ncdc.noaa.gov/fpsf.html.

MANUAL J DESIGN CRITERIAⁿ:

Elevation: 2867

Latitude: 44 deg. N.

Winter heating: 11 deg.

Summer cooling: 95 deg.

Altitude correction factor: .98

Indoor design temperature: Heating-70 deg.

Design temperature cooling: 75 deg.

Heating temperature difference: 60 deg.

Cooling temperature difference: 20 deg. Wind velocity heating: 15.0

Wind velocity cooling: 7.5

Coincident wet bulb: 63 deg.

Daily range: High

Winter humidity: 50%

Summer humidity: 50%

Footnotes published underneath Table R301.2(1) in the code are applicable.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-34: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R301.2.1.2, Protection Of Openings, Is Deleted

Section R301.2.1.2, Protection of Openings, is deleted.

9-1B-13035: ~~the~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Table R302.1(1), Exterior Walls

Table R302.1(1) shall be amended as follows:

**TABLE R302.1(1)
EXTERIOR WALLS**

Exterior Wall Element		Minimum Fire-Resistance Rating	Minimum Fire Separation Distance
Walls	Fire-resistance rated	1 hour-tested in accordance with ASTM E119, or UL 263, <u>or Section 703.3 of the International Building Code</u> with exposure from both sides	<3 feet
	Not fire-resistance rated	0 hours	≥3 feet
Projections	Fire-resistance rated	1 hour on the underside, <u>or heavy timber, or fire retardant-treated wood</u> ^{a,b}	≥2 feet to <3 feet
	Not fire-resistance rated	0 hours	≥3 feet
Openings in walls	Not allowed	N/A	<3 feet
	25% maximum of wall area	0 hours	≥3 feet to <5 feet
	Unlimited	0 hours	5 feet
Penetrations	All	Comply with Section R302.4	<3 feet
		None required	≥3 feet

For SI: 1 foot = 304.8 mm.

N/A = Not Applicable.

a. ~~Roof eave~~ The fire-resistance rating shall be permitted to be reduced to zero (0) hours on the underside of the eave overhang if fireblocking is provided from the wall top plate to the underside of the roof sheathing.

b. ~~Roof eave~~ The fire-resistance rating shall be permitted to be reduced to zero (0) hours on the underside of the ~~eave~~ rake overhang ~~provided that~~ where gable vent openings are not installed.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-131: Irc Building Code Amendment, Section R302.2, Townhouses, Exceptions~~

~~The exceptions to section R302.2 shall be deleted and replaced with two (2) exceptions as follows:~~

~~————~~ **Exceptions:**

~~————~~ 1. When provided with an automatic fire sprinkler system pursuant to section ~~R313.1~~, a common 1-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts, or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Penetrations of electrical outlet boxes shall be constructed in accordance with Section R302.4.

~~————~~ 2. Two (2) 1-hour fire-resistance-rated wall assemblies (as specified in Section R302.1) or a common 2-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263 are permitted for townhouses. If two (2) 1-hour fire-resistance-rated walls are used, plumbing and electrical installations within the wall cavity shall conform to fire-resistance-penetration requirements in accordance with section R302.4 through R302.4.2 for each of the two (2) 1-hour rated walls penetrated. The 2-hour fire-resistance-rated common wall shall not contain plumbing or mechanical equipment, ducts or vents within its wall cavity. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against the exterior walls and the underside of the roof sheathing. Penetrations of electrical outlet boxes shall be constructed in accordance with section R302.4.

~~(Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

9-1B-13236: Irc IRC One-And-Two-Family Dwelling Building Code Amendment, Section R303.4, Mechanical Ventilation

Repeal section R303.4 and replace with the following:

R303.4 Mechanical ventilation. Dwelling units shall be provided with whole-house mechanical ventilation in accordance with Section ~~M1507.3~~ M1505.4.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-13337: Irc IRC One-And-Two-Family Dwelling Building Code Amendment, Section R309.3, Flood Hazard Areas

R309.3 Flood Hazard Areas. All construction within flood hazard areas shall be designed and constructed in accordance with the Flood Hazard regulations of the Boise Development Code in addition to this code. For buildings located in flood hazard areas as established by Table R301.2(1), garage floors shall be:

1. Elevated to or above the design flood elevation as determined in accordance with Section R322; or

2. Located below the design flood elevation provided that the floors are at or above grade on not less than one side, are used solely for parking, building access, or storage, meet the requirements of Section R322 and are otherwise constructed in accordance with this code.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-13438: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R313.1, Townhouse Automatic Fire Sprinkler Systems Exception

The exception to section R313.1 shall be modified as follows:

Exception. Automatic residential fire sprinkler systems shall not be required in townhouses where either two (2) 1-hour fire-resistance rated walls or a common two-hour fire-resistance rated wall, as specified in Exception item number 2 of section R302.2.2, is installed between dwelling units or when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-13539: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R313.2, One- And Two-family Dwellings Automatic Fire Sprinkler Systems, Is Deleted

R313.2 One- And Two-Family Dwellings Automatic Fire Sprinkler Systems. Is Deleted.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-40: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R314.2.2, Alterations, Repairs And Additions, Exceptions

Repeal the exceptions of section R314.2.2 Alterations, repairs and additions, and replace as follows:

1. Work involving the exterior surfaces of dwellings, such as, but not limited to, replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or electrical permits, are exempt from the requirements of this section.
2. Installation, alteration, or repairs of plumbing, or mechanical systems are exempt from the requirements of this section.

9-1B-13641: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R315.2.2, Alterations, Repairs And Additions, Exceptions 2

Repeal the exceptions 2 of section R315.2.2 Alterations, repairs and additions, and replace as follows:

1. Work involving the exterior surfaces of dwellings, such as, but not limited to, replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or electrical permits, are exempt from the requirements of this section.
2. Installation, alteration, or repairs of ~~electrical,~~ non-combustion plumbing, or mechanical systems are exempt from the requirements of this section.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-13742: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R322.1, Flood-resistant Construction, General

R322.1 Flood-Resistant Construction, General. All construction within flood hazard areas shall be designed and constructed in accordance with the Flood Hazard regulations of the Boise Development Code in addition to this code. Buildings and structures constructed in whole or in part in flood hazard areas, including A or V Zones and Coastal A Zones, as set forth in Table R301.2(1), and substantial improvement and restoration repair of substantial damage of buildings and structures in flood hazard areas, shall be designed and constructed in accordance with the provisions contained in this section. Buildings or structures that are located in more than one flood hazard area shall comply with the provisions associated with the most restrictive flood hazard area. Buildings or structures located in whole or in part in identified floodways shall be designed and constructed in accordance with ASCE 24, where or if allowed by the Flood Hazard regulations of the Boise Development Code.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-43: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R322.1.10, As-Built Elevation Documentation

R322.1.10 As-built elevation documentation. As-built elevation documentation specified in Section R322.2 or R322.3 shall be prepared and submitted as required in accordance with the Flood Hazard regulations of the Boise Development Code.

9-1B-44: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R322.2.1, Elevation Requirements

R322.2.1 Elevation requirements.

1. Buildings and structures in flood hazard areas, including flood areas designated as Coastal A Zones, shall have the lowest floors elevated to or above the base flood elevation plus what is required in the Flood Hazard regulations of the Boise Development Code.

2. In areas of shallow flooding (AO Zones), buildings and structures shall have the lowest floor (including basement) elevated to a height above the highest adjacent grade of not less than the depth number specified in feet on the FIRM plus what is required in the Flood Hazard regulations of the Boise Development Code.
3. Basement floors that are below grade on all sides shall be elevated to or above base flood elevation plus what is required in the Flood Hazard regulations of the Boise Development Code.

Exception: Enclosed areas below the design flood elevation, including basements with floors that are not below grade on all sides, shall meet the requirements of Section R322.2.2 and as required in the Flood Hazard regulations of the Boise Development Code.

9-1B-45: IRC One-And-Two-Family Dwelling Building Code Amendment, Section R322.2.2, Enclosed Area Below Design Flood Elevation, Subparagraph 2.1

Repeal subparagraph 2.1 of Section R322.2.1, Enclosed area below design flood elevation and replace as follows:

2.1 The total net area of all openings shall be at least one (1) square inch for each square foot of enclosed area, or the opening shall be designed and the construction documents shall include a statement that the design and installation of the openings will provide for the equalization of hydrostatic flood forces on exterior walls by allowing the automatic entry and exit of floodwaters.

9-1B-46: IRC One-And-Two-Family Dwelling Building Code Amendment, Table R403.1(1) Minimum Width And Thickness For Concrete Footings For Light-Frame Construction, Table R403.1(2) Minimum Width And Thickness For Concrete Footings For Light-Frame Construction With Brick Veneer, Table R403.1(3) Minimum Width And Thickness For Concrete Footings With Cast-In-Place Or Fully Grouted Masonry Wall Construction, And Table R403.4 Minimum Depth (D) And Width (W) Of Crushed Stone Footings, Are Deleted.

Table R403.1(1) Minimum Width And Thickness For Concrete Footings For Light-Frame Construction, Table R403.1(2) Minimum Width And Thickness For Concrete Footings For Light-Frame Construction With Brick Veneer, Table R403.1(3) Minimum Width And Thickness For Concrete Footings With Cast-In-Place Or Fully Grouted Masonry Wall Construction, and Table R403 Minimum Depth (D) and Width (W) Of Crushed Stone Footings, are hereby deleted.

9-1B-47 IRC One-And-Two-Family Dwelling Building Code Amendment, Add Table R403.1, Minimum Width Of Concrete, Precast, Or Masonry Footings

Add Table R403.1, Minimum Width Of Concrete, Precast, Or Masonry Footings as follows:

TABLE R403.1
MINIMUM WIDTH OF CONCRETE,
PRECAST, OR MASONRY FOOTINGS (inches)^a

	LOAD-BEARING VALUE OF SOIL (psf)			
	1,500	2,000	3,000	≥ 4,000
Conventional light-frame construction				
<u>1-Story</u>	<u>12</u>	<u>12</u>	<u>12</u>	<u>12</u>
<u>2-Story</u>	<u>15</u>	<u>12</u>	<u>12</u>	<u>12</u>
<u>3-Story</u>	<u>23</u>	<u>17</u>	<u>12</u>	<u>12</u>
4-inch brick veneer over light-frame or 8-inch hollow concrete masonry				
<u>1-Story</u>	<u>12</u>	<u>12</u>	<u>12</u>	<u>12</u>
<u>2-Story</u>	<u>21</u>	<u>16</u>	<u>12</u>	<u>12</u>
<u>3-Story</u>	<u>32</u>	<u>24</u>	<u>16</u>	<u>12</u>
8-inch solid or fully grouted masonry				
<u>1-Story</u>	<u>16</u>	<u>12</u>	<u>12</u>	<u>12</u>
<u>2-Story</u>	<u>29</u>	<u>21</u>	<u>14</u>	<u>12</u>
<u>3-Story</u>	<u>42</u>	<u>32</u>	<u>21</u>	<u>16</u>

For SI: 1 inch = 25.4mm, 1 pound per square foot = 0.0479 kPa.

a. Where minimum footing width is twelve (12) inches, use of a single wythe of solid or fully grouted twelve (12) inch nominal concrete masonry units is permitted.

9-1B-48 IRC One-And-Two-Family Dwelling Building Code Amendment, Section R403.1.1, Minimum Size

Repeal Section R403.1.1, Minimum size, and replace as follows:

R403.1.1 Minimum size. Minimum sizes for concrete and masonry footings shall be as set forth in Table R403.1 and Figure R403.1(1). The footing width (W) shall be based on the load bearing value of the soil in accordance with Table R401.4.1. Spread footings shall be at least six (6) inches in thickness (T). Footing projections (P) shall be at least two (2) inches and shall not exceed the thickness of the footing. The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall be in accordance with the details set forth in Section R403.2 and Figures R403.1(2) and R403.1(3).

9-1-138: Irc Building Code Amendment, Table R602.7.5, Minimum Number Of Full Height Studs At Each End Of Headers In Exterior Walls

Delete table R602.7.5 Minimum Number of Full Height Studs at Each End of Headers in Exterior Walls and replace with the following table:

TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS^a

MAXIMUM HEADER SPAN (in feet)	ULTIMATE DESIGN WIND SPEED AND EXPOSURE CATEGORY	
	<140 MPH, Exposure B or <130 MPH, Exposure C	<115 MPH Exposure B ^b
4	1	1
6	2	1
8	2	1
10	3	2
12	3	2
14	3	2
16	4	2
18	4	2

a. For header spans in between those values given in the Table, use the minimum number of full height studs associated with the next highest span value.

b. The tabulated minimum number of full height studs is applicable where jack studs are provided to support the header at each end in accordance with Table R602.7.(1).

Where a framing anchor is used to support the header in lieu of a jack stud in accordance with footnote d of Table R602.7(1), the minimum number of full height studs at each end of the header shall be in accordance with requirements for wind speed <140 MPH, Exposure B.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-13949: ~~IRC~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R602.10, Wall Bracing

R602.10 Wall bracing. Buildings shall be braced in accordance with this section or, when applicable, section R602.12 or the most current version of APA System Report SR-102 at the time of application for a permit as an alternate method. Where a building, or portion thereof, does not comply with one or more of the bracing requirements in this section, those portions shall be designed and constructed in accordance with section R301.1. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-14050: ~~Irc~~ IRC One-And-Two-Family Dwelling Building Code Amendment, Section R903.1, General Roof Covering

R903.1 General. Roof decks shall be covered with approved roof coverings secured to the building or structure in accordance with the provisions of this chapter. Roof coverings shall be designed, installed, and maintained in accordance with this code and the approved manufacturer's installation instructions such that the roof covering shall serve to protect the building or structure. Roof covering requirements for hillside and Wildland Urban Interface areas are to be as regulated by the Fire Prevention Code, of the Boise City Municipal Code.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-141: Irc Building Code Amendment, Table N1102.1.2, Insulation And Fenestration Requirements By Component, Add Footnotes J And K~~

~~Add footnote j to the title of table N1102.1.2—Insulation and Fenestration Requirements by Component. Add footnote j underneath table N1102.1.2 after footnote i to read as follows:~~

~~j. For residential log home building thermal envelope construction requirements see section N1102.6.~~

~~Add footnote k to the Ceiling R-Value header of table N1102.1.2, and below table N1102.1.2 to read as follows:~~

~~k. The Ceiling R-Value in Climate Zone 5 may be reduced to R-38 when the Wood Frame Wall R-Value is increased to R-21 and the Fenestration U-Factor is reduced to 0.31.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

~~9-1-142: Irc Building Code Amendment, Table N1102.4.1.1, Air Barrier And Insulation Installation~~

~~Add the criteria requirement for the "fireplace" component of table N1102.4.1.1 Air Barrier and Insulation Installation as follows:~~

**~~TABLE N1102.4.1.1 (R402.4.1.1)
AIR BARRIER AND INSULATION INSTALLATION~~**

COMPONENT	CRITERIA^a
Fireplace	An air barrier shall be installed on fireplace walls.

~~(Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

~~9-1-143: Irc Building Code Amendment, Section N1102.4.1.2, Testing~~

~~N1102.4.1.2 (R402.4.1.2) Testing.~~ ~~The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding five air changes per hour in Climate Zones~~

1 and 2, and four air changes per hour in Climate Zones 3 through 8. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inches w.g. (50 Pascals). Where required by the *building 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 *building official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1-144: Irc Building Code Amendment, Add Section N1102.6, Residential Log Home Thermal Envelope

N1102.6 Residential Log Home Thermal Envelope. Residential log home construction shall comply with sections N1101 (General), N1102.4 (Air Leakage), N1102.5 (Maximum Fenestration U-Factor and SHGC), N1103.1 (Controls), N1103.3.2 (Sealing), N1103.3.5 (Building Cavities), sections N1103.4 through N1103.11 (referred to as the mandatory provisions), Section N1104 (Electrical Power and Lighting Systems), and either subsection i., ii., or iii. as follows:

—— i. Sections N1102.2 through N1102.3, N1103.3.1, N1104.1 and Table N1102.6;

—— ii. Section N1105 Simulated Performance Alternative (Performance); or

—— iii. REScheck (U.S. Department of Energy Building Codes Program).

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1-145: Irc Building Code Amendment, Add Table N1102.6, Log Home Prescriptive Thermal Envelope Requirements By Component

**TABLE N1102.6
LOG HOME PRESCRIPTIVE THERMAL ENVELOPE REQUIREMENTS BY COMPONENT**

Climate Zone	Fenestration U-Factor ^a	Skylight U-Factor	Glazed Fenestration SHGC	Ceiling R-Value	Min. Average LOG Size In Inches	Floor R-Value	Basement Wall R-Value ^d	Slab R-Value & Depth ^b	Crawl Space Wall R-Value ^d
5, 6-high efficiency equipment path ^c	0.32	0.60	NR	49	5	30	15/19	10, 4 ft.	10/13

Climate Zone	Fenestration U-Factor ^a	Skylight U-Factor	Glazed Fenestration SHGC	Ceiling R-Value	Min. Average LOG Size In Inches	Floor R-Value	Basement Wall R-Value ^d	Slab R-Value & Dept ^b	Crawl Space Wall R-Value ^d
5	0.32	0.60	NR	49	8	30	10/13	10, 2 ft.	10/13

For SI = 1 foot = 304.8 mm

- a. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- b. R-5 shall be added to the required slab edge R-values for heated slabs.
- c. 90% AFUE natural gas or propane, 84% AFUE oil, or 15 SEER heat pump heating equipment (zonal electric resistance heating equipment such as electric base board electric resistance heating equipment as the sole source for heating is considered compliant with the high efficiency equipment path).
- d. "15/19" means R-15 continuous insulated sheathing on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulated sheathing on the interior or exterior of the home. "10/13" means R-10 continuous insulated sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1-146: Irc Building Code Amendment, Section N1103.3.3, Duct Testing (mandatory)

N1103.3.3 (R403.3.3) Duct testing (Mandatory). Ducts shall be pressure tested in accordance with ANSI/RESNET/ICC 380 to determine air leakage by one of the following methods:

1. Rough-in test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure if installed at the time of the test. All registers shall be taped or otherwise sealed during the test.
2. Postconstruction test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. Registers shall be taped or otherwise sealed during the test.

Exception: A duct air leakage test shall not be required where the ducts and air handlers are located entirely within the building thermal envelope. A written report of the results of the test shall be signed by the party conducting the test and provided to the *code official*.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-147: Irc Building Code Amendment, Section N1106.3, Energy Rating Index~~

~~N1106.3 (R406.3) Energy rating index.~~ The Energy Rating Index (ERI) shall be determined in accordance with ANSI/RESNET/ICC 301.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-148: Irc Building Code Amendment, Delete Section N1106.3.1, Eri Reference Design~~

~~N1106.3.1 ERI Reference Design.~~ Delete.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-149: Irc Building Code Amendment, Table N1106.4, Maximum Energy Rating Index~~

The Energy Rating Index value for Climate Zone 5 shall be amended to read as follows:

**~~TABLE N1106.4 (R406.4)
MAXIMUM ENERGY RATING INDEX~~**

CLIMATE ZONE	ENERGY RATING INDEX
5	61

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-150: Irc Building Code Amendment, Section N1106.5, Verification By Approved Agency~~

~~N1106.5 Verification by approved agency.~~ Verification of compliance with Section N1106 shall be completed by a third party approved in accordance with ANSI/RESNET/ICC 301. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-151: Irc Building Code Amendment, Section N1106.6, Documentation~~

~~N1106.6 (R406.6) Documentation.~~ Documentation of the software used to determine the ERI and the parameters for the residential building shall be in accordance with Sections N1106.6.1 through N1106.6.5.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-152: Irc Building Code Amendment, Section N1106.6.1, Compliance Software Tools~~

~~N1106.6.1 (R406.6.1) Compliance software tools.~~ Software tools used for determining the ERI shall be Approved Software Rating Tools in accordance with ANSI/RESNET/ICC 301.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~9-1-153: Irc Building Code Amendment, Add Section N1106.6.4, Specific Approval~~

~~**N1106.6.4 (R406.6.4) Specific approval.** Performance analysis tools meeting the applicable sections of Section N1106 shall be *approved*. Documentation demonstrating the approval of performance analysis tools in accordance with Section N1106.6.1 shall be provided to the *code official*. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

~~9-1-154: Irc Building Code Amendment, Add Section N1106.6.5, Input Values~~

~~**N1106.6.5 (R406.6.5) Input values.** When calculations require input values not specified by Sections N1102, N1103, N1104 and N1105, those input values shall be taken from ANSI/RESNET/ICC 301. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

~~9-1-155: Irc Building Code Amendment, Delete Section N1106.7, Calculation Software Tools, Including Subsections N1106.7.1, Minimum Capabilities, N1106.7.2, Specific Approval And N1106.7.3, Input Values~~

~~**N1106.7 Calculation Software Tools.** Delete including subsections N1106.7.1, Minimum Capabilities, N1106.7.2, Specific Approval and N1106.7.3, Input Values. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

~~9-1-156: Irc Building Code Amendment, Chapter 44, Referenced Standards~~

The following referenced standards shall be added into chapter 44 of the code as follows:

ANSI/RESNET/ICC	Residential Energy Services Network, Inc. P.O. Box 4561 Oceanside, CA 92052-4561	International Code Council 500 New Jersey Avenue, NW, 6th Floor Washington, D.C. 20001
Standard reference number	Title	Referenced in code section number
301-2014	Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using an Energy Rating Index	N1106.3, N1106.5, N1106.6.1, N1106.6.5

ANSI/RESNET/ICC	Residential Energy Services Network, Inc.	International Code Council
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	P.O. Box 4561 Oceanside, CA 92052-4561	500 New Jersey Avenue, NW, 6th Floor Washington, D.C. 20001
Standard reference number	Title	Referenced in code section number
380-2016	Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems	N1102.4.1.2, N1103.3.3

{Ord. 44-17, 12-19-2017, eff. 1-1-2018}

9-1-157: Irc Building Code Amendment, Add Appendix V, Tiny Homes

Add an additional appendix titled Appendix V Tiny Homes into the code with sections and provisions as follows:

SECTION AV101 GENERAL

AV101.1 Scope. This appendix shall be applicable to tiny houses used as single dwelling units. Tiny houses shall comply with this code except as otherwise stated in this appendix.

SECTION AV102 DEFINITIONS

AV102.1 General. The following words and terms shall, for the purposes of this appendix, have the meanings shown herein. Refer to Chapter 2 of this code for general definitions.

Escape and Rescue Roof Access Window. A skylight or roof window designed and installed to satisfy the emergency escape and rescue opening requirements in Section R310.

Landing Platform. A landing provided as the top step of a stairway accessing a loft.

Loft. A floor level located more than 30 inches (762 mm) above the main floor and open to it on at least one side with a ceiling height of less than 6 feet 8 inches (2032 mm), used as a living or sleeping space.

Tiny House. A dwelling that is 400 square feet (37 m) or less in floor area excluding lofts.

SECTION AV103 CEILING HEIGHT

AV103.1 Minimum Ceiling Height. Habitable space and hallways in tiny houses shall have a ceiling height of not less than 6 feet 8 inches (2032 mm). Bathrooms, toilet rooms, and kitchens shall have a ceiling height of not less than 6 feet 4 inches (1930 mm). Obstructions shall not extend below these minimum ceiling heights including beams, girders, ducts, lighting and other obstructions.

——— **Exception:** Ceiling heights in lofts are permitted to be less than 6 feet 8 inches (2032 mm).

SECTION AV104 LOFTS

AV104.1 Minimum loft area and dimensions. Lofts used as a sleeping or living space shall meet the minimum area and dimension requirements of Sections AV104.1.1 through AV104.1.3.

AV104.1.1 Minimum area. Lofts shall have a floor area of not less than 35 square feet (3.25 m).

AV104.1.2 Minimum dimensions. Lofts shall be not less than 5 feet (1524 mm) in any horizontal dimension.

AV104.1.3 Height effect on loft area. Portions of a loft with a sloping ceiling measuring less than 3 feet (914 mm) from the finished floor to the finished ceiling shall not be considered as contributing to the minimum required area for the loft.

——— **Exception:** Under gable roofs with a minimum slope of 6:12, portions of a loft with a sloping ceiling measuring less than 16 inches (406 mm) from the finished floor to the finished ceiling shall not be considered as contributing to the minimum required area for the loft.

AV104.2 Loft access. The access to and primary egress from lofts shall be any type described in Sections AR104.3 through AR104.6.

AV104.3 Stairways. Stairways accessing lofts shall comply with this code or with Sections AR104.3.1 through AR104.3.6.

AV104.3.1 Width. Stairways accessing a loft shall not be less than 17 inches (432 mm) in clear width at or above the handrail. The minimum width below the handrail shall be not less than 20 inches (508 mm).

AV104.3.2 Headroom. The headroom in stairways accessing a loft shall be not less than

6 feet 2 inches (1880 mm), as measured vertically, from a sloped line connecting the tread or landing platform nosings in the middle of their width.

——— **Exception:** The headroom for a landing platform, where stairways access lofts, shall be not less than 4 feet 6 inches (1372 mm).

AV104.3.3 Treads and Risers. Risers for stairs accessing a loft shall be not less than 7 inches (178 mm) and not more than 12 inches (305 mm) in height. Tread depth and riser height shall be calculated in accordance with one of the following formulas:

——— 1. The tread depth shall be 20 inches (508 mm) minus $\frac{4}{3}$ of the riser height, or

——— 2. The riser height shall be 15 inches (381 mm) minus $\frac{3}{4}$ of the tread depth.

AV104.3.4 Landing Platforms. The top tread and riser of stairways accessing lofts shall be constructed as a landing platform where the loft ceiling height is less than 6 feet 2 inches (1880 mm) where the stairway meets the loft. The landing platform shall be 18 inches to 22 inches (457 to 559 mm) in depth measured from the nosing of the landing platform to the edge of the loft, and 16 to 18 inches (406 to 457 mm) in height measured from the landing platform to the loft floor.

AV104.3.5 Stairway Handrails. Handrails shall comply with Section R311.7.8.

AV104.3.6 Stairway Guards. Guards at open sides of stairways shall comply with Section R312.1.

AV104.4 Ladders. Ladders accessing lofts shall comply with Sections AV104.4.1 and AV104.4.2.

AV104.4.1 Ladder Size and capacity. Ladders accessing lofts shall have a rung width of not less than 12 inches (305 mm) and 10 inches (254 mm) to 14 inches (356 mm) spacing between rungs. Ladders shall be capable of supporting a 200 pound (90.7 kg) load on any rung. Rung spacing shall be uniform within $\frac{3}{8}$ inch (9.5 mm).

AV104.4.2 Ladder Incline. Ladders shall be installed at 70 to 80 degrees from horizontal.

AV104.5 Alternating tread devices. Alternating tread devices accessing lofts shall comply with section R311.7.11, including the subsections, of this code. The clear width at and below the handrails shall be not less than 20 inches (508 mm).

AV104.6 Ships Ladders. Ships ladders accessing lofts shall comply with section R311.7.12, including the subsections, of this code. The clear width at and below handrails shall be not less than 20 inches (508 mm).

AV104.7 Loft Guards. Loft guards shall be located along the open side of lofts. Loft guards shall not be less than 36 inches (914 mm) in height or one half of the clear height to the ceiling, whichever is less.

**SECTION AV105
EMERGENCY ESCAPE AND RESCUE OPENINGS**

AV105.1 General. Tiny houses shall meet the requirements of Section R310 for emergency escape and rescue openings.

~~— **Exception:** Escape and rescue roof access windows in lofts used as sleeping rooms shall be deemed to meet the requirements of Section R310 where installed such that the bottom of the opening is not more than 44 inches (1118 mm) above the loft floor, provided the escape and rescue roof access window complies with the minimum opening area requirements of Section R310. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)~~

9-1B-51: Addition Of Grading Provisions Related to One-And-Two-Family Dwellings

Where determined to be applicable, such as for hillside sites or fill sites, grading, excavation and earthwork construction, including fills and embankments, shall be regulated by Appendix J Grading of the *International Building Code* as adopted by the Building Code of Boise City.

9-1B-15852: Addition Of Minimum Standards For Modular Non-~~hud~~HUD Structures And Manufactured Pre-HUD Structures

Modular non-HUD structures to be occupied within the city of Boise City shall adhere to the following:

All new ~~manufactured~~ ~~{modular}~~ (non-HUD) structures must bear the insignia from the State of Idaho Division of Building Safety and shall only be allowed to be occupied for the use listing on the insignia.

To gain approval for an existing ~~{modular}~~ (non-HUD) structure, the structure must undergo procedures as required by the State of Idaho Division of Building Safety and must bear the insignia prior to being allowed to be occupied for the use listed on the insignia, ~~except for pre-HUD mobile homes constructed prior to June 15, 1976, which shall comply with the Mobile Home Rehabilitation Act, Title 44, Chapter 25, Idaho Code prior to occupancy.~~

Manufactured pre-HUD structures to be occupied within the city of Boise City shall adhere to the following:

All pre-HUD manufactured homes constructed prior to June 15, 1976, shall comply with the Mobile Home Rehabilitation Act, Title 44, Chapter 25, of Idaho Code prior to occupancy.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-15953: Fire Sprinkler And Alternative Extinguishing Systems Permits, Plan Review, AIInspections, And Fees

A. Approval Required: Fire sprinkler and alternative extinguishing systems plans and associated ~~required~~ submittals, as required by the International Fire Code and sprinkler system design standard(s), shall be permitted and approved by ~~the~~ Planning and Development Services and the Fire Departments, with fees assessed and paid for, before any related work begins.

B. Fees Assessed: The plan review and inspection fees shall be assessed in accordance with the provisions of the Boise City Building Code Fee Schedule as adopted by the City Council, which will be kept on file at the Planning and Development Services permit counter, Boise City Clerk's office, or on the Planning and Development Services website. All permit fees shall be reviewed by the Building Code Board prior to adoption by City Council. ~~as follows:~~ (Ord. 47-17, 12-19-2017, eff. 1-1-2018)

~~1. A plan review fee in an amount established by the Boise City Council and listed on the most current fee schedule shall be assessed for fire sprinkler systems and paid to the Planning and Development Services Department. Two (2) sprinkler heads (directly above and below) on an armover shall be considered as one sprinkler head for fee purposes.~~

~~2. When the installation of sprinkler heads or nozzles are not involved or insignificant due to the type of work being permitted, a plan review fee in an amount established by the Boise City Council and listed on the most current fee schedule equivalent to a percentage of the total bid price shall be assessed, up to a maximum fee in an amount established by the City Council and listed on the most current fee schedule (whichever is larger), and paid to the Planning and Development Services Department. (Ord. 44-17, 12-19-2017, eff. 1-1-2018; amd. 2019 Code)~~

C. Work Requiring Permit: Permits shall be issued for the following work:

1. New fire sprinkler and alternative extinguishing systems;
2. Additions, modification~~s~~_s and changes to existing fire sprinkler and alternative extinguishing systems, underground lines~~s~~_s and/or associated equipment.
3. All fees shall be paid in full when the permit is issued.
(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

D. ~~Additional~~ Other Inspection, Plan Review, and Administrative Fees: The permit fee shall cover the cost of ~~two (2)~~ three (3) plan reviews and two (2) field inspections for each inspection category. An additional hourly rate fee in an amount established by the Boise City Building Code Fee Schedule as adopted by the City Council ~~and listed on the most current fee schedule per review shall~~ may be assessed, beginning with ~~after~~ the third review, on re-submittals of denied plans and/or calculations. An additional fee or hourly rate fee in an amount established by the Boise City Building Code Fee Schedule as adopted by the City Council ~~and listed on the most current fee schedule shall~~ may be assessed ~~charged per hour~~ for each reinspection, after hours

~~inspections, or other~~ additional field inspections performed ~~because of noncompliance by the owner or the owner's agent~~. (Ord. 44-17, 12-19-2017, eff. 1-1-2018; amd. 2019 Code)

E. Plan Modifications: Plan modification revisions submitted for approval after a permit and approved plans have been issued, shall be ~~charged the normal permit~~ assessed the additional plan review hourly rate fee, plus the fee based on the number of sprinklers or nozzles affected by the modification.

F. Application Submittal Documents Package: All ~~p~~Project plans and other data as required by Boise City submittals checklists shall ~~accompany~~ be submitted with a completed fire sprinkler permit application package, available from Boise City's Planning and Development Services Department. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

9-1B-16054: Fire Alarm System Permits, Plan Review, Fees And Inspections, And Fees For Existing Buildings And Alarm Alterations

A. Approval Required: Fire alarm system plans and associated submittals, ~~as~~ required by the *International Fire Code* and alarm system design standard(s), shall be permitted and approved by ~~the~~ Planning and Development Services and ~~Boise City~~ the Fire Department, with fees assessed and paid for, before any related ~~fire alarm system~~ work begins.

B. Fees Assessed: The plan review and inspection fees shall be assessed in accordance with the provisions of the Boise City Building Code Fee Schedule as adopted by the City Council, which will be kept on file at the Planning and Development Services permit counter, Boise City Clerk's office, or on the Planning and Development Services website. All permit fees shall be reviewed by the Building Code Board prior to adoption by City Council. as follows: (Ord. 44-17, 12-19-2017, eff. 1-1-2018)

~~A plan review fee consisting of a base fee with an additional fee per alarm initiating device in an amount established by the Boise City Council and listed on the most current fee schedule, shall be assessed for fire alarm systems and paid to the Planning and Development Services Department. (Ord. 44-17, 12-19-2017, eff. 1-1-2018; amd. 2019 Code)~~

C. Work Requiring Permit: Permits shall be issued for the following work:

1. New fire alarm systems in existing buildings;
2. Additions, modifications, and changes to existing fire alarm systems, fire suppression connections, related supplies, and/or equipment.
3. All fees shall be paid in full when the permit is issued.

(Ord. 44-17, 12-19-2017, eff. 1-1-2018)

D. ~~Additional~~ Other Inspection, Plan Review, and Administrative Fees: The permit fee shall cover the cost of ~~two (2)~~ three (3) plan reviews and two (2) field inspections for

each inspection category. An additional hourly rate fee in an amount established by the Boise City Building Code Fee Schedule as adopted by the City Council ~~and listed on the most current fee schedule per review shall~~ may be assessed beginning ~~with~~ after the third review, on re-submittals of denied plans and/or calculations. An additional fee ~~or hourly rate fee~~ in an amount established by the Boise City Building Code Fee Schedule as adopted by the City Council ~~and listed on the most current fee schedule shall~~ may be assessed ~~charged per hour~~ for ~~each~~ reinspections, after hours inspections, or other additional field inspections performed ~~because of noncompliance by the owner or the owner's agent~~. (Ord. 44-17, 12-19-2017, eff. 1-1-2018; amd. 2019 Code)

E. Plan Modifications: Plan modification revisions submitted for approval after a permit and approved plans have been issued, shall be ~~charged the normal permit~~ assessed the additional plan review hourly rate fee, plus the fee based on the number of fire alarm initiating devices affected by the modification.

F. Application Submittal Documents Package: ~~All p~~Project plans and other data as required by Boise City submittals checklists shall ~~accompany~~ be submitted with a completed fire alarm permit application, ~~package~~ available from Boise City's Planning and Development Services Department ~~permit counter~~. (Ord. 44-17, 12-19-2017, eff. 1-1-2018)