

from inside the thermal envelope. Such rooms shall be sealed and insulated in accordance with the envelope requirements of Table N1102.1.3, where the walls, floors and ceilings shall meet a minimum of the basement wall R-value requirement. The door into the room shall be fully gasketed and any water lines and ducts in the room insulated in accordance with Section N1103. The combustion air duct shall be insulated where it passes through conditioned space to an R-value of not less than R-8.

Exceptions:

1. Direct vent appliances with both intake and exhaust pipes installed continuous to the outside.
2. Fireplaces and stoves complying with Sections N1102.4.2 and R1006.
3. Mechanical equipment in an unfinished space.

ooo. Section N1103.3.4 (R403.3.4) Sealing. (Amended) Ducts, air handlers and filter boxes shall be sealed. Joints and seams shall comply with either the International Mechanical Code or Section M1601.4.1 of this code, as applicable.

Exceptions:

1. Air-impermeable spray foam products shall be permitted to be applied without additional joint seals.
2. Continuously welded and locking-type longitudinal joints and seams in ducts operating at static pressure less than 2 inches of water column (500 Pa) pressure classification shall not require additional closure systems.
3. A duct air leakage test shall not be required where the ducts and air handlers are located entirely within the building thermal envelope.

ppp. Section N1103.3.5 (R403.3.5) Duct testing. (Amended) Ducts shall be pressure tested in accordance with ANSI/RESNET/ICC 380 or ASTM E1554 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. 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.

Exceptions:

1. A duct air-leakage test shall not be required where the ducts and air handlers are located entirely within the building thermal envelope.
2. A duct air-leakage test shall not be required for ducts serving heating or cooling ventilators that are not integrated with ducts serving heating or cooling systems.

qqq. Section N1103.3.7 (R403.3.7) Building cavities. (Deleted)

rrr. Section N1103.5.2 (R403.5.2) Hot water pipe insulation. (Amended)

Insulation for service hot water piping with a thermal resistance, R-value, of not less than R-3 shall be applied to the following:

1. Piping larger than $\frac{3}{4}$ inch (19 mm) in nominal diameter located inside the conditioned space.
2. Piping serving more than one dwelling unit.
3. Piping located outside the conditioned space.
4. Piping from the water heater to a distribution manifold.
5. Piping located under a floor slab.
6. Buried piping.
7. Supply and return piping in circulation and recirculation systems other than cold water pipe return demand recirculation systems.

sss. Section N1103.6 (R403.6) Mechanical ventilation. (Deleted)

ttt. Section N1104.2 (R404.2) Interior lighting controls. (Amended)

Permanently installed lighting fixtures may be controlled with a dimmer, an occupant sensor control or another control that is installed or built into the fixture.

Exceptions: Lighting controls shall not be required for the following:

1. Bathrooms.
2. Hallways.
3. Exterior lighting fixtures.
4. Lighting designed for safety or security.

uuu. Section N1104.3 (R404.3) Exterior lighting controls. (Deleted)

vvv. Section M1301.2 Identification. (Deleted)

www. Section M1305.1.3.3 Electrical requirements. (Amended) A luminaire controlled by a switch located at the required passageway opening and a receptacle outlet shall be installed at or near the appliance location in accordance with Chapter 39. Exposed lamps shall be protected from damage by location or lamp guards.

Exception: Basements

xxx. Section M1307.2 Anchorage of appliances. (Amended) Appliances designed to be fixed in position shall be fastened or anchored in an approved manner. In Seismic Design Categories D0, D1 and D2, water heaters and thermal storage units shall be anchored or strapped to resist horizontal displacement caused by earthquake motion in accordance with one of the following:

1. Anchorage and strapping shall be designed to resist a horizontal force equal to one-third of the operating weight of the water heater storage tank, acting in any horizontal direction. Strapping shall be at points within the upper one-third and lower one-third of the appliance's vertical dimensions. At the lower point, the strapping shall maintain a minimum distance of 4 inches (102 mm) above the controls.

2. The anchorage strapping shall be in accordance with the appliance manufacturer's recommendations.

yyy. Section M1411.3.1.2 Appliance, equipment and insulation in pans. (Deleted)

zzz. Section M1502.4.2 Duct installation. (Amended) Exhaust ducts shall be supported at intervals not to exceed 12 feet (3658 mm) and shall be secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. Exhaust duct joints shall be sealed in accordance with Section M1601.4.1.

aaaa. Section M1502.4.5 Booster fans. (Amended) All dryer exhaust system booster fans must be UL listed and labeled.

bbbb. Section M1502.4.6.1 Specified length. (Amended) The maximum length of the exhaust duct shall be 35 feet (10 688 mm) from the connection to the transition duct from the dryer to the outlet terminal. Where fittings are used, the maximum length of the exhaust duct shall be reduced in accordance with Table M1502.4.6.1. The maximum length of the exhaust duct does not include the transition duct.

Exception: The maximum developed length may be extended to 55 feet if clearly labeled cleanouts are provided within 12 inches of the second elbow, at every elbow thereafter, and at least every 15 feet of developed length thereafter.

cccc. Section M1503.6 Makeup air required. (Amended) Where one or more gas, liquid or solid fuel-burning appliance that is neither direct-vent nor uses a mechanical draft venting system is located within a dwelling unit's air barrier, each exhaust system capable of exhausting in excess of 600 cubic feet per minute shall be mechanically or passively provided with makeup air at

a rate approximately equal to the exhaust air rate. Such makeup air systems shall be equipped with not fewer than one damper complying with Section M1503.6.2.

Exception: Makeup air is not required for exhaust systems installed for the exclusive purpose of space cooling and intended to be operated only when windows or other air inlets are open.

dddd. Section M1504.3 Exhaust openings. (Amended) Air exhaust openings shall terminate as follows:

1. Not less than 3 feet (914 mm) from gravity air intake openings, operable windows and doors.
2. Not less than 10 feet (3048 mm) from mechanical air intake openings except where the exhaust opening is located not less than 3 feet (914 mm) above the air intake opening.
Openings shall comply with Sections R303.5.2 and R303.6.

eeee. Section M1601.1.1 Above-ground duct systems. (Amended) Above-ground duct systems shall conform to the following:

1. Equipment connected to duct systems shall be designed to limit discharge air temperature to not greater than 250°F (121°C).
2. Fibrous glass duct construction shall conform to the SMACNA Fibrous Glass Duct Construction Standards or NAIMA Fibrous Glass Duct Construction Standards.
3. Field-fabricated and shop-fabricated metal and flexible duct constructions shall conform to the SMACNA HVAC Duct Construction Standards - Metal and Flexible except as allowed by Table M1601.1.1. Galvanized steel shall conform to ASTM A 653.
4. The use of gypsum products to construct return air ducts or plenums is permitted, provided that the air temperature does not exceed 125°F (52°C) and exposed surfaces are not subject to condensation.
5. Duct systems shall be constructed of materials having a flame spread index of not greater than 200.
6. Stud wall cavities and the spaces between solid floor joists to be used as non-ducted air plenums shall comply with the following conditions:
 - 6.1. These cavities or spaces shall not be used as a plenum for air supply.

- 6.2. These cavities or spaces shall not be a part of required fire-resistance-rated assembly.
 - 6.3. Stud wall cavities shall not convey air from more than one floor level.
 - 6.4. Stud wall cavities and joist-space plenums shall be isolated from adjacent concealed spaces by tight-fitting fire blocking in accordance with Section R302.11. Fire-blocking materials used for isolation shall comply with Section R302.11.1.
 - 6.5. Stud wall cavities in the outside walls of building envelope assemblies shall not be utilized as air plenums.
 - 6.6. Building cavities used as plenums shall be sealed.
7. Volume dampers, equipment and other means of supply, return and exhaust air adjustment used in system balancing may be provided with access.

ffff. Table M1601.1.1 DUCT CONSTRUCTION MINIMUM SHEET METAL THICKNESS FOR SINGLE DWELLING UNITS^a (Amended)

Round Duct Diameter (inches)	Static Pressure			
	½ inch water gage		1 inch water gage	
	Thickness (inches)		Thickness (inches)	
	Galvanized	Aluminum	Galvanized	Aluminum
≤ 12	0.013	0.018	0.013	0.018
12 to 14	0.013	0.018	0.016	0.023
15 to 17	0.016	0.023	0.019	0.027
18	0.016	0.023	0.024	0.034
19 to 20	0.019	0.027	0.024	0.034
Rectangular Duct Dimension (largest dimension)	Static Pressure			
	½ inch water gage		1 inch water gage	
	Thickness (inches)		Thickness (inches)	

	Galvanized	Aluminum	Galvanized	Aluminum
≤ 8	0.013	0.018	0.013	0.018
9 to 10	0.013	0.018	0.016	0.023
11 to 12	0.016	0.023	0.019	0.027
13 to 16	0.016	0.027	0.019	0.027
17 to 18	0.019	0.027	0.024	0.034
19 to 20	0.019	0.034	0.024	0.034

For SI: 1 inch= 25.4 mm, 1 inch water gage = 249 Pa.

a. Ductwork that exceeds 20 inches by dimension or exceeds a pressure of 1 inch water gage shall be constructed in accordance with SMACNA HVAC Duct Construction Standards - Metal and Flexible.

gggg. Section M1601.4.1 Joints, seams and connections. (Amended)

Joints of duct systems shall be made substantially airtight in an unconditioned area by means of tapes, mastics, liquid sealants, gasketing or other approved closure systems. Closure systems used with rigid fibrous glass ducts shall comply with UL 18 1A and shall be marked 181A-P for pressure-sensitive tape, 181A-M for mastic or 181A-H for heat-sensitive tape. Closure systems used with flexible air ducts and flexible air connectors shall comply with UL 181B and shall be marked 181B-FX for pressure-sensitive tape or 18 1B-M for mastic. Duct connections to flanges of air distribution system equipment or sheet metal fittings shall be mechanically fastened. Mechanical fasteners for use with flexible non-metallic air ducts shall comply with UL 181B and shall be marked 181B-C. Crimp joints for round metal ducts shall have a contact lap of at least 1 inch and shall be mechanically fastened with at least three sheet metal screws or rivets equally spaced around the joint. Closure systems used to seal metal ductwork shall be installed in accordance with the manufacturer's installation instructions.

Exceptions:

1. Spray polyurethane foam shall be permitted to be applied without additional joint seals.
2. Where a duct connection is made that is partially without access, three screws or rivets shall be equally spaced on the exposed portion of the joint so as to prevent a hinge effect.
3. Continuously welded and locking-type longitudinal joints and seams in ducts operating at static pressure less than 2 inches of water column (500 Pa) pressure classification shall not require additional closure systems.

hhhh. M1602.2 Return air openings. Return air openings for heating, ventilation and air conditioning systems shall comply with all of the following:

1. Openings shall not be located less than 10 feet (3048 mm) measured in any direction from an open combustion chamber or draft hood of another appliance located in the same room or space.
2. Return and transfer openings shall be sized in accordance with the appliance or equipment manufacturers' installation instructions, Manual D or the design of the registered design professional.
3. Return air shall not be taken from a closet less than 64 square feet, bathroom, toilet room, kitchen, garage,

mechanical room, boiler room, furnace room or unconditioned attic.

Exceptions:

1. Taking return air from a kitchen is not prohibited where such return air openings serve the kitchen only, and are located not less than 10 feet (3048 mm) from the cooking appliances.
2. Dedicated forced-air systems serving only the garage shall not be prohibited from obtaining return air from the garage.
3. For other than dedicated HVAC systems, return air shall not be taken from indoor swimming pool enclosures and associated deck areas except where the air in such spaces is dehumidified.
4. Taking return air from an unconditioned crawl space shall not be accomplished through a direct connection to the return side of a forced- air furnace. Transfer openings in the crawl space enclosure shall not be prohibited.
5. Return air from one dwelling unit shall not be discharged into another dwelling unit.

iii. Section M2101.16 CPVC plastic pipe. (Deleted)

jjjj. Section M2101.22.6 Expansion tanks. (Deleted)

kkkk. Section M2101.26 Pipe penetrations. (Amended) Openings for pipe penetrations in walls, floors and ceilings shall be larger than the penetrating pipe. Openings in the foundation wall underground shall be sealed to not allow groundwater into a building.

III. Section M2105.4 Piping and tubing materials standards. (Amended) Ground-source heat- pump ground-loop pipe and tubing shall conform to the standards listed in Table M2105.4. However, polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) shall not be used on geothermal ground loops both inside and underground.

mmmm. Section M2105.9 CPVC plastic pipe. (Deleted)

nnnn. Section G2408.4 (305.7) Clearances from grade. (Amended) Equipment and appliances installed at grade level shall be supported on a level concrete slab or other approved material extending not less than 2 inches (50.8 mm) above adjoining grade or shall be suspended not less than 6 inches (152 mm) above adjoining grade. Such supports shall be installed in accordance with the manufacturer's installation instructions.

oooo. Section G2409.1 (308.1) Scope. (Amended) This section shall govern the reduction in required clearances to combustible materials and combustible assemblies for chimneys, vents, appliances, devices and equipment.

Clearance requirements for air-conditioning equipment and central heating boilers and furnaces shall comply with Sections G2409.3 and G2409.4.

pppp. Section G2412.9 (401.9) Identification. (Deleted)

qqqq. Section G2412.10 (401.10) Piping materials standards. (Deleted)

rrrr. Section G2415.3 (404.3) Prohibited locations. (Amended) Piping shall not be installed in or through a ducted supply, return or exhaust, or a clothes chute, chimney or gas vent, dumbwaiter or elevator shaft. Piping installed downstream of the point of delivery shall not extend through any townhouse unit other than the unit served by such piping.

Exception: Or installed as approved by the Authority Having Jurisdiction (AHJ), such as Ameren or Spire.

ssss. Section G2439.7.4.1 (614.9.4.1) Specified length. (Amended) The maximum length of the exhaust duct shall be 35 feet (10 688 mm) from the connection to the transition duct from the dryer to the outlet terminal. Where fittings are used, the maximum length of the exhaust duct shall be reduced in accordance with Table G2439.7.4.1. The maximum length of the exhaust duct does not include the transition duct.

Exception: The maximum developed length may be extended to 55 feet if clearly labeled cleanouts are provided within 12 inches of the second elbow, at every elbow thereafter, and at least every 15 feet of developed length thereafter.

tttt. Section G2442.3 (618.3) Prohibited sources. (Amended) Outdoor or return air for forced-air heating and cooling systems shall not be taken from the following locations:

1. Closer than 10 feet (3048 mm) from an appliance vent outlet, a vent opening from a plumbing drainage system or the discharge outlet of an exhaust fan, unless the outlet is 3 feet (914 mm) above the outside air inlet.
2. Where there is the presence of objectionable odors, fumes or flammable vapors; or where located less than 10 feet (3048 mm) above the surface of any abutting public way or driveway; or where located at grade level by a sidewalk, street, alley or driveway.
3. A hazardous or insanitary location or a refrigeration machinery room as identified in the International Mechanical Code.

4. A room or space, the volume of which is less than 25 percent of the entire volume served by such system. Where connected by a permanent opening having an area sized in accordance with this code, adjoining rooms or spaces shall be considered as a single room or space for the purpose of determining the volume of such rooms or spaces.

Exception: The minimum volume requirement shall not apply where the amount of return air taken from a room or space is less than or equal to the amount of supply air delivered to such room or space.

5. A room or space containing an appliance where such a room or space serves as the sole source of return air.

Exception: This shall not apply where:

1. The appliance is a direct-vent appliance or an appliance not requiring a vent in accordance with Section G2425.8.
2. The room or space complies with the following requirements:
 - 2.1. The return air shall be taken from a room or space having a volume exceeding 1 cubic foot for each 10 Btu/h (9.6L/W) of combined input rating of all fuel-burning appliances therein.
 - 2.2. The volume of supply air discharged back into the same space shall be approximately equal to the volume of return air taken from the space.
 - 2.3. Return-air inlets shall not be located within 10 feet (3048 mm) of a draft hood in the same room or space or the combustion chamber of any atmospheric burner appliance in the same room or space.
3. Rooms or spaces containing solid fuel-burning appliances, provided that return-air inlets are located not less than 10 feet (3048 mm) from the firebox of such appliances.
6. A closet, bathroom, toilet room, kitchen, garage, boiler room, furnace room or unconditioned attic.

Exceptions:

1. Where return air intakes are located not less than 10 feet (3048 mm) from cooking appliances and serve only the kitchen area, taking return air from a kitchen area shall not be prohibited.

2. Dedicated forced air systems serving only a garage shall not be prohibited from obtaining return air from the garage
3. Where a closet 64 square feet or greater in size is provided with a supply register, taking return air from the closet shall not be prohibited.
7. A crawl space by means of direct connection to the return side of a forced-air system. Transfer openings in the crawl space enclosure shall not be prohibited.

uuuu. Section P2609.1 Identification. (Deleted)

vvvv. Section P2609.2 Installation of materials. (Deleted)

www. Section P2609.3 Plastic pipe, fittings and components. (Deleted)

xxxx. Section P2609.4 Third-party certification. (Deleted)

yyyy. Section P2609.5 Water Supply Systems. (Deleted)

zzzz. Section P2706.2 Prohibited waste receptors. (Amended) Plumbing fixtures that are used for washing or bathing shall not be used to receive the discharge of indirect waste piping.

Exceptions:

1. A kitchen sink trap is acceptable for use as a receptor for a dishwasher.
2. A laundry tray is acceptable for use as a receptor for a clothes washing machine.
3. A drain or waste pipe above a trap is acceptable for use as a receptor for mechanical equipment condensate drains.

aaaa. Section P2801.8 Water heater seismic bracing. (Amended) In Seismic Design Categories D0, D1 and D2 water heaters shall be anchored or strapped in the upper one-third and in the lower one-third of the appliance to resist a horizontal force equal to one-third of the operating weight of the water heater, acting in any horizontal direction, or in accordance with the appliance manufacturer's recommendations.

bbbb. Section P3201.2.1 Trap seal protection. (Amended) Traps seals of emergency floor drain traps and traps subject to evaporation shall be protected by one of the methods in Sections P3201.2.1.1 through P3201.2.1.4.

Exception: Basement floor drains with a condensate line draining to it.

cccc. Section E3601.8 Emergency disconnects. (Deleted)

dddd. Section E3701.5.1 Disconnecting means. (Amended) Each multiwire branch circuit may be provided with a means that will simultaneously disconnect all ungrounded conductors at the point where the branch circuit originates. [210.4(B)]

eeee. Section E3902.2 Garage and accessory building receptacles.

(Amended) 125-volt through 250-volt receptacles installed in garages and grade-level portions of unfinished accessory buildings used for storage or work areas and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel. [210.8(A)(2)]

Exception: Fastened in place appliances or outlets designated for refrigerators/freezers.

ffff. Section E3902.5 Basement receptacles. (Amended) 125-volt through 250-volt receptacles installed in unfinished basements and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel. [210.8(A)(5)]

Exceptions:

1. A receptacle supplying only a permanently installed fire alarm or burglar alarm system. A receptacle installed in accordance with this exception shall not be considered as meeting the requirements of Section E3901.9. Receptacles installed in accordance with this exception shall not be considered as meeting the requirement of Section E3901.9. [210.8(A)(5) Exception]
2. Fastened in place appliances or outlets designated for refrigerators/freezers.

ggggg. Section E3902.6 Kitchen receptacles. (Amended) 125-volt through 250-volt receptacles that serve countertop surfaces and are supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel. [210.8(A)(6)]

Exception: Fastened in place appliances or outlets designated for refrigerators/freezers.

hhhhh. Section E3902.11 Kitchen dishwasher branch circuit. (Deleted)

iiii. Section E3902.18 Location of ground-fault circuit interrupters.

(Amended) Ground-fault circuit interrupters shall be installed only in a readily accessible location. [210.8(A)]

jjjjj. Section E3902.19 Location of arc-fault circuit interrupters. (Deleted)

kkkkk. Section E3902.20 Arc-fault circuit interrupter protection. (Deleted)

lllll. Section E3902.21 Arc-fault circuit-interrupter protection for branch circuit extensions or modifications. (Deleted)

mmmmm. Section E4002.8 Damp locations. (Amended) A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when

the receptacle cover(s) is closed and an attachment plug cap is not inserted. An installation suitable for wet locations shall also be considered suitable for damp locations. A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies and similar structures and not subject to rain or water runoff. [406.9(A)]

nnnnn. Section E4002.14 Tamper resistant receptacles. (Deleted)

ooooo. Section AE101.1 (Deleted and amended) These provisions shall be applicable only to a manufactured home used as a single dwelling unit and shall apply to the following:

1. Construction, alteration and repair of any foundation system which is necessary to provide for the installation of a manufactured home unit.
2. Construction, installation, addition, alteration, repair or maintenance of the building service equipment which is necessary for connecting manufactured homes to water, fuel, or power supplied and sewage systems.
3. Alterations, additions or repairs to existing manufactured homes. The construction, alteration, moving, demolition, repair and use of accessory buildings and structures, and their building service equipment, shall comply with the requirements of the codes adopted by this jurisdiction.

These provisions shall not be applicable to the design and construction of manufactured homes and shall not be deemed to authorize either modifications or additions to manufactured homes where otherwise prohibited.

(2) Section AE502.2, Soil classification, is hereby amended by deleting Section AE502.2 in its entirety.

2. Tiny House Code Adopted. The tiny house code of the City of Ste. Genevieve shall consist of the ICC International Residential Code, 2021 Edition, Appendix AQ, Tiny Houses, published by the International Code Council, Inc., (the "Tiny House Code") which is incorporated herein by reference and made a part hereof.

C. International Plumbing Code Adopted. The plumbing code of the City of Ste. Genevieve shall consist of the ICC International Plumbing Code, 2021 Edition, published by the International Code Council, Inc. (the "Plumbing Code") which is incorporated herein by reference and made a part hereof.

1. Amendments to the International Plumbing Code. The Plumbing Code is hereby amended as follows:

a. Section 101.1, Title, (Amended) These regulations shall be known as the *Plumbing Code* of the City of Ste. Genevieve hereinafter referred to as "this code."

b. Section 104.4, Right of Entry (Deleted)

c. Section 113, Means of Appeal (Deleted and Amended)

113.1 Board of Appeals. To hear and decide appeals of orders, decisions or determinations made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

d. Section 114 Board of Appeals (Deleted)

D. *International Mechanical Code Adopted.* The mechanical code of the City of Ste. Genevieve shall consist of the ICC International Mechanical Code, 2021 Edition, published by the International Code Council, Inc. (the "Mechanical Code") which is incorporated by reference and made a part thereof.

1. *Amendments to the International Mechanical Code.* The Mechanical Code is hereby amended as follows:

a. Section 101.1, Title (Amended) These regulations shall be known as the Mechanical Code of the City of Ste. Genevieve, hereinafter referred to as "this code."

b. Section 104.4, Right of Entry (Deleted)

c. Section 113, Means of Appeal (Deleted and Amended)

113.1 Board of Appeals. To hear and decide appeals of orders, decisions or determination made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

d. Section 114 Board of Appeals (Deleted)

E. *International Fire Code Adopted.* The fire code of the City of Ste. Genevieve shall consist of the ICC International Fire Code, 2021 Edition, published by the International Code Council, Inc. (the "Fire Code") which is incorporated herein by reference and made part thereof.

1. *Amendments to the International Fire Code.* The Fire Code is hereby amended as follows:

a. Section 101.1, Title (Amended) These regulations shall be known as the *Fire Code* of the City of Ste. Genevieve, hereinafter referred to as "this code."

b. Sections 104.3, Right of Entry (Deleted)

c. Section 111, Means of Appeals (Deleted and Amended)

111.1 Board of Appeals. To hear and decide appeals of orders, decisions or determinations made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the

code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

d. Section 506, Key Boxes (Deleted and Amended)

506.1 Where required. The following structures shall be equipped with a Knox Box at or near the main entrance or such other location required by the Fire Chief:

(A) Commercial or industrial structures that are secured in a manner that restricts access during an emergency.

(B) Multi-family residential structures that have a common corridor for access to living units to which access is restricted through locked doors.

(C) Governmental structures and group residential facilities.

All newly constructed structures identified in Section 506.1(A)-(C) shall have the Knox Box installed and operational prior to the issuance of an occupancy permit.

All substantially renovated structures identified in Section 506.1(A)-(C) shall have the Knox Box installed and operational prior to the issuance of a final inspection.

All existing structures identified in Section 506.1(A)-(C) that change ownership or occupancy shall have the Knox Box installed and operational prior to the issuance of an occupancy permit.

Exception: The City Administrator or his/her designee shall be authorized to approve waiver of this requirement upon receipt of such request for good reason from the owner of a structure.

506.2 Type, The Fire Chief shall designate the type of Knox Box system to be implemented within the City and shall have the authority to require all structures to use the designated system.

506.3 Responsibility, The owner or operator of a structure required to have a Knox Box shall at all times keep a key in the lock box that will allow for access to the structure. The owner or operator of the building shall immediately notify the Fire Chief and provide the new key where a lock is changed or rekeyed. The key to such lock shall be secured in the key box. The Fire Chief shall be authorized to implement rules and regulations for the use of the Knox Box system.

F. *International Property Maintenance Code Adopted.* The property maintenance code of the City of Ste. Genevieve shall consist of the ICC International Property Maintenance Code, 2021 Edition, published by the International Code Council, Inc. (the "Property Maintenance Code") which is incorporated herein by reference and made a part hereof.

1. *Amendments to the International Property Maintenance Code.* The Property Maintenance Code is hereby amended as follows:

a. Section 101.1, Title (Amended) These regulations shall be known as the *International Property Maintenance Code* of the City of Ste. Genevieve, hereinafter referred to as "this code."

b. Section 105.3, Right of Entry (Deleted)

c. Section 107, Means of Appeal (Deleted and Amended)

107.1 Board of Appeals. To hear and decide appeals of orders, decisions or determinations made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to

the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

d. Section 108 Board of Appeals (Deleted)

e. Section 602.3, Heat Supply (Amended)

Every *owner* and *operator* of any building who rents, leases or lets one or more *dwelling units* or *sleeping units* on terms, either expressed or implied, to furnish heat to the *occupants* thereof shall supply heat during the period from October 1 to April 1 to maintain a minimum temperature of 68°F (20°C) in all habitable rooms, bathrooms and toilet rooms.

Exceptions:

1. When the outdoor temperature is below the winter outdoor design temperature for the locality, maintenance of the minimum room temperature shall not be required provided that the heating system is operating at its full design capacity. The winter outdoor design temperature for the locality shall be as indicated in [Appendix D](#) of the *International Plumbing Code*.

2. In areas where the average monthly temperature is above 30°F (-1°C), a minimum temperature of 65°F (18°C) shall be maintained.

f. Section 602.4, Occupiable Work Space (Amended)

Indoor occupiable work spaces shall be supplied with heat during the period from October 1 to April 1 to maintain a minimum temperature of 65°F (18°C) during the period the spaces are occupied.

Exceptions:

1. Processing, storage and operation areas that require cooling or special temperature conditions.

2. Areas in which persons are primarily engaged in vigorous physical activities

g. 603.7 Shut-off Valves. (Added)

Lines serving gas-operated mechanical equipment shall be fitted with a shut-off valve; shut-off valves shall be located within six (6) feet of the appliance.

h. 603.8. Carbon Monoxide Alarms. (Added)

An approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwellings units in which fuel-fired appliances are installed and in dwellings units that have attached garages. Where multiple carbon monoxide alarms are required, they must be interconnected.

i. Section 605.2, Receptacles (Deleted and Amended)

Every habitable space in a dwelling shall contain at least two (2) separate and remote receptacle outlets. All receptacles listed in Section 210.8(A) of NEC 2020 shall be provided with ground fault circuit interrupter protection. All receptacle outlets shall have the appropriate faceplate cover for the location.

G. *National Electric Code Adopted.* The electrical code of the City of Ste. Genevieve shall consist of the NFPA 70 National Electrical Code, 2020 Edition, published by the National Fire Protection Association, ("Electrical Code") which is incorporated herein by reference and made a part hereof.

1. *Amendments to the National Electrical Code.* The Electrical Code is hereby amended as follows:

a. *Article 90, Introduction,* is hereby amended by adding Section 90.10 Board of Appeals as follows:

Section 90.10 Board of Appeals. To hear and decide appeals of orders, decisions or determinations made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

b. *Section 210.12, Arc-Fault Circuit-Interrupter Protection,* is hereby amended by deleting Section 210.12 in its entirety.

c. *Section 406.4(D)(4) Arc-Fault Circuit-Interrupter Protection,* is hereby amended by deleting Section 406.4(D)(4) in its entirety.

d. *Section 422.5 (A) General,* is hereby amended by deleting sub-section (7) Dishwashers.

H. *International Fuel Gas Code Adopted.* The fuel gas code of the City of Ste. Genevieve shall consist of the ICC International Fuel Gas Code, 2021 Edition,

published by the International Code Council, Inc., (the "Fuel Gas Code") which is incorporated herein by reference and made part thereof.

1. Amendments to the International Fuel Gas Code. The Fuel Gas Code is hereby amended as follows:

a. Section 101.1, Title (Amended) These regulations shall be known as the *Fuel Gas Code* of the City of Ste. Genevieve, hereinafter referred to as "this code."

b. Section 104.4, Right of Entry (Deleted)

c. Section 113, Means of Appeal (Deleted and Amended)

113.1 Board of Appeals. To hear and decide appeals of orders, decisions or determinations made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

d. Board of Appeals (Deleted)

I. International Existing Building Code Adopted. The existing building code of the City of Ste. Genevieve shall consist of the ICC International Existing Building Code, 2021 Edition, published by the International Code Council, Inc. (the "Existing Building Code") which is incorporated herein by reference and made a part hereof.

1. Amendments to the International Existing Building Code. The Existing Building Code is hereby amended as follows:

a. Section 101.1, Title (Amended) These regulations shall be known as the *Existing Building Code* of the City of Ste. Genevieve, herein after referred to as "this code."

b. Section 104.6, Right of Entry (Deleted)

c. Section 112 Means of Appeals (Deleted and Amended)

112.1 Board of Appeals. To hear and decide appeals of orders, decisions or determinations made by the Building Official relating to the application and interpretation of this code, the Board of Adjustment of the City shall sit as the Board of Appeals having the authority set forth in this code and shall adopt rules of procedure for the conduct of such appeals in accordance with applicable law. Any person directly impacted by an action or decision of the code official such that the person would have standing in a court of law to challenge the action may petition the Board of Adjustment for a review of any final decision of any City officer under the Building Code, provided that a written application for appeal is filed within thirty (30) business days after the day of the decision or order served. An application for appeal shall be based solely on a claim that:

(1) The true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted;

(2) The provisions of this code do not fully apply; or

(3) The requirements of the code are adequately satisfied by other means.

The Board of Adjustment shall have no authority to waive the requirements of this code. The decision of the Board of Adjustment may be further appealed to the Circuit Court of Ste. Genevieve County as provided in Section 67.430, RSMo.

Section 2. Section 500.360 Building Permit Fees Codes is hereby repealed and replaced with the following:

Section 500.360 **Building Permit Fees**

BUILDING PERMIT

New Construction

A. New Construction Permit Fee

The new construction permit fee shall be determined by the following formula:

New Construction Permit Fee = Gross Area x Square Foot Construction Cost x Permit Fee Multiplier

1. Gross Area refers to the total floor area of the new construction project, measured in square feet.
2. Square Foot Construction Cost is based on the most recent Building Valuation Data (BVD) report issued by the International Code Council (ICC). The applicable square foot construction cost is to be derived from the ICC's BVD, which is updated periodically and reflects current industry standards for construction costs.
3. Permit Fee Multiplier is a factor calculated annually based on the percentage of the Community Development Department's budget supported by permit fees, which is determined to be 25%.

This formula shall be used for the first \$250,000.00 in cost of construction utilizing the ICC BVD Square Foot Cost of Construction for the specific type of construction and occupancy classification of the project.

The permit fee for square footage beyond the initial \$250,000 cost of construction shall be calculated utilizing a value of 50% of the Permit Fee Multiplier (Permit Fee Multiplier x 0.5).

B. Permit Fee Multiplier Calculation

The Permit Fee Multiplier shall be calculated as follows:

1. Total Building Department Budget shall include all operational costs required to maintain the Building Department services portion of the Community Development Department, including salaries, administrative expenses, and overhead.
2. Percentage of the Budget Supported by Fees shall be set at 25%. This means that the Permit Fee Multiplier is calculated to generate enough revenue to cover 25% of the Community Development Department's operational budget.
3. The Permit Fee Multiplier shall be determined as a ratio of the portion of the Community Development Department's budget supported by permit fees to the total value of the square foot construction costs as established by the most recent ICC Building Valuation Data report.

The Permit Fee Multiplier shall be reviewed annually by the Community Development Department and adjusted as necessary to reflect changes in the Building Department's budget and the ICC's Building Valuation Data.

C. Amendments and Adjustments

The City of Ste. Genevieve Community Development Department shall review and, if necessary, adjust the permit fee structure, including the Square Foot Construction Cost derived from the ICC BVD and the Permit Fee Multiplier, on an semi-annual basis. Any changes to the formula or the resulting fee schedule, beyond the updated ICC BCD, shall be approved by the City of Ste. Genevieve and made available to the public prior to implementation.

NOTE: Permit fee for new construction include all improvements on the lot constructed under the same permit such as driveways, garage(s), basement(s), and all other improvements. Water and sewer tap fees are separate fees.

Remodel Construction

The remodel construction permit fee shall be calculated as 50% of the new construction permit fee multiplier, as follows:

Remodel Construction Permit Fee = Gross Area x Square Foot Construction Cost x (Permit Fee Multiplier x 0.5)

Other Construction / Demolition / Inspection Fees

Type of Permit	Permit Fee
Minor Improvements / Demolitions ¹	Thirty-Five dollars (\$35.00)
Major Improvements / Demolitions ²	One Hundred dollars (\$100.00)

¹ Permits requiring minimal approval and inspection
(includes parking lot, fence, retaining wall, roof, sign, occupancy, above-ground pool, electrical, mechanical, plumbing, demolition of accessory building or others as deemed by the building

inspector)

² Permits requiring significant approval and inspection
(includes billboards, solar panels, fill or excavation, in-ground
pools, demolition of primary building, mobile home installation,
communications towers, electrical-mechanical-plumbing over
\$5,000, infrastructure, or others as deemed by the building
inspector)

SECTION 3. This Ordinance shall be codified.

SECTION 4. This ordinance shall be in full force and effect from and after its date of
passage and approval.

DATE OF FIRST READING: _____.

DATE OF SECOND READING: _____.

**PASSED AND APPROVED THIS _____ DAY OF _____, 20__ BY
A ROLL CALL VOTE OF THE STE. GENEVIEVE BOARD OF ALDERMEN AS
FOLLOWS:**

VOTE

**ALDERMAN PATRICK FAHEY
ALDERWOMAN AMIE DOBBS
ALDERMAN BOB DONOVAN
ALDERMAN ERIC BENNETT
ALDERMAN JEFF EYDMANN
ALDERMAN MIKE RANEY
ALDERMAN JOE STEIGER
ALDERMAN JOE PRINCE**

____ Yes ____ No ____ Absent

Approved as to form:

Brian Keim, Mayor

Mark Bishop, City Attorney

SEAL

Reviewed by:

Pam Meyer, City Clerk

Happy Welch, City Administrator

BILL NO. 4661

ORDINANCE NO.

AN ORDINANCE OF THE CITY OF STE. GENEVIEVE, MISSOURI, CREATING A "NO PARKING DURING CERTAIN TIMES" RESTRICTION ON THE WEST SIDE OF VIRGINIA STREET BETWEEN MAPLE & RIDGEWAY.

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF STE. GENEVIEVE, MISSOURI AS FOLLOWS:

SECTION 1: The Board of Aldermen hereby authorizes a no parking on certain days restriction on the West side of Virginia Street from Maple to Ridgeway from 2:00 p.m. to 3:30 p.m. and hereby approves the amendment to the Ste. Genevieve Code of Ordinances, Schedule "III Parking Restrictions - Table III-C. No Parking During Certain Times" to include the following:

<u>LOCATION:</u>	VIRGINIA STREET (MAPLE TO RIDGEWAY)
<u>RESTRICTION:</u>	THE WEST SIDE OF VIRGINIA STREET FROM MAPLE TO RIDGEWAY FROM 2:00 P.M. TO 3:30 P.M. ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT.

SECTION 2. This ordinance shall be codified.

SECTION 3: This ordinance shall be in full force and effect from and after its passage and approval as provided by law.

DATE OF FIRST READING: _____.

DATE OF SECOND READING: _____.

PASSED AND APPROVED BY THE BOARD OF ALDERMEN OF THE CITY OF STE. GENEVIEVE, MISSOURI THIS _____ DAY OF _____, 20____ BY A ROLL CALL VOTE AS FOLLOWS:

VOTE

ALDERWOMAN AMIE DOBBS
ALDERMAN ROBERT DONOVAN
ALDERMAN ERIC BENNETT
ALDERMAN JOE STEIGER
ALDERMAN MIKE RANEY
ALDERMAN JEFF EYDMANN
ALDERMAN JOE PRINCE
ALDERMAN PATRICK FAHEY

Approved as to form:

Brian Keim, Mayor

Mark Bishop, City Attorney

SEAL

Reviewed by:

Pam Meyer, City Clerk

Happy Welch, City Administrator