

AN ORDINANCE ADOPTING THE 2012 INTERNATIONAL FAMILY OF BUILDING CODES AND DESIGNATED APPENDICIES, AS AMENDED, BY REPEALING AND REPLACING PARKVILLE MUNICIPAL CODE SECTIONS 500.010, SUBSECTION A, AND 500.040.

WHEREAS, the City of Parkville has previously adopted the 2006 International Family of Building Codes, subject to specific amendments; and

WHEREAS, the adopted versions of the said code have been superseded by the publication of a more recent code; and

WHEREAS, the Board of Aldermen deems it desirable to adopt the updated editions of technical codes; and

WHEREAS, the Board of Aldermen on February 5, 2013, adopted resolution No.02-02-13, approving the public display of the newly proposed building codes and the filing of the proposed building codes with the City Clerk for the minimum of 90 requisite days; and

WHEREAS, on June 7, 2013, and July 24, 2013, the Community Development Department held public meetings with builders, developers and other interested parties, seeking comments and potential concerns; and

WHEREAS, in Summer 2013, the Finance Committee concluded that adoption of the 2012 Building Code should be coordinated with amendments to existing street standards and maintenance requirements being prepared by the Public Works Department; and

WHEREAS, in Fall of 2014, it was concluded that the projects should proceed separately; and

WHEREAS, between summer 2013 and fall 2014 the Community Development Department continued informal discussions with area builders and developers regarding the proposed amendments; and

WHEREAS, City staff after considerable research and consideration of all public comments received to date, recommends the adoption of the codes and appendices specified below, subject to local amendments specified in this ordinance and Exhibits A – F, attached hereto and incorporated herein by reference; and

WHEREAS, the Board of Aldermen have concluded adoption of these code, to be known collectively as the Building Code, is necessary to provide standards for supplied utilities and facilities and other physical things and conditions essential to ensure that structures are safe, sanitary and fit for occupation and use, and to providing for the condemnation of buildings and structures unfit for human occupancy and use and the demolition of such structures, if necessary to ensure the public health, welfare and safety.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF PARKVILLE, MISSOURI, AS FOLLOWS:

Section 1. Parkville Municipal Code Section 500.010, *Codes Adopted*, Subsection A is hereby repealed and replaced as follows:

A. For the purpose of establishing rules and regulations for the construction, alteration, repair, removal, demolition, equipment, use and occupancy, location and maintenance of buildings and structures, including administration and permits, the City of Parkville hereby adopts the following administrative and technical codes, including appendices specified herein, in their entireties, except as otherwise amended. Said amendments are detailed in adopted exhibits and summarized in the Residential and Commercial Guidelines of the City of Parkville, all of which are incorporated herein by reference, and which are on file in the Department of Community Development. The following codes and specified appendices, and amendments and guides adopted by reference, are hereby designated as the Building Code of the City of Parkville.

1. The 2012 International Building Code, as amended, including the following appendices:
 - a. Appendix C - Group U – Agricultural Buildings
 - b. Appendix E - Supplementary Accessibility Requirements
 - c. Appendix F - Rodent Proofing
 - d. Appendix G - Flood Resistant Construction
 - e. Appendix H - Signs, except Section H101.2
 - f. Appendix I - Patio Covers
 - g. Appendix J - Grading
2. The 2012 International Residential Code for One and Two-Family Dwellings, as amended, including the following appendices:
 - a. Appendix A - Sizing and capacities of gas piping
 - b. Appendix B - Sizing of venting systems serving appliances equipped with draft hoods, Category 1 appliances, and appliances listed for use and type B vents
 - c. Appendix C - Exit Terminals of mechanical draft and direct-vent venting systems
 - d. Appendix D - Recommended procedure for safety inspection of an existing appliance installation
 - e. Appendix E - Manufactured housing used as dwellings
 - f. Appendix G - Swimming pools, spas and hot tubs
 - g. Appendix H - Patio Covers
 - h. Appendix J – Existing Buildings and Structures
 - i. Appendix K - Sound Transmission
 - j. Appendix L – Permit fees
 - k. Appendix N – Venting Methods
 - l. Appendix O – Automatic Vehicle Gates
3. The 2012 International Mechanical Code, as amended.
4. The 2012 International Plumbing Code, as amended.
5. The 2012 International Fuel Gas Code, as amended, including the following appendices:
 - a. Appendix A – Sizing and Capacities of Gas Piping
 - b. Appendix B – Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category I Appliances, and Appliances Listed for Use and Type B Vents
 - c. Appendix C – Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems
 - d. Appendix D – Recommended Procedure for Safety Inspection of an Existing Appliance Installation

6. The 2012 International Fire Code, as amended.
7. The 2012 International Existing Building Code.
8. The 2011 National Electrical Code.
9. ICC A117.1-2009 Accessible and Usable Building and Facilities.
10. The Parkville Property Maintenance Code.

Section 2. The administrative and technical codes, listed in Section 1 of this ordinance, including appendices specified therein, are hereby adopted with amendments as specified in Exhibits A through F, attached hereto and incorporated herein by reference, and described as follows:

- Exhibit A. Amendments to the 2012 International Building Code;
- Exhibit B. Amendments to the 2012 International Residential Code, for One- and Two Family Dwellings;
- Exhibit C. Amendments to the 2012 International Mechanical Code;
- Exhibit D. Amendments to the 2012 International Plumbing Code;
- Exhibit E. Amendments to the 2012 International Fuel Gas Code; and
- Exhibit F. Amendments to the 2012 International Fire Code.

Section 3. The administrative and technical codes, listed in Section 1 of this ordinance, including appendices specified therein, are hereby adopted by reference, and along with the amendments attached hereto and incorporated herein by reference as Exhibits A through F, shall be kept on file at Parkville City Hall for public use, inspection and examination.

Section 4. Parkville Municipal Code Section 500.040, *Building Permit Fees* is hereby repealed and replaced as follows:

Section 500.040, Fees.

- A. With the exception of those fees set below, building permit and inspection fees shall be as follows:
 1. Fees for one and two-family dwellings shall be set forth in the 2012 International Residential Code for One and Two-Family Dwellings, Appendix L, *Permit Fees*.
 2. Fees for all other permits required under this Chapter shall be set forth in the 1997 Uniform Administrative Code, Tables 3-A, 3-B, 3-C and 3-D.
 3. Complete listings of these fees are on file in the Community Development Department.
- B. Plan review fees. When submittal of building or improvement plans is required to obtain a building permit a plan review fee shall apply. Plan review fees shall be as set forth in

the schedule of fees adopted by the Board of Aldermen by resolution as authorized by Municipal Code Chapter 800, Section 800.010. Plan review fees shall be paid prior to plan review and the issuance of any associated building permit.

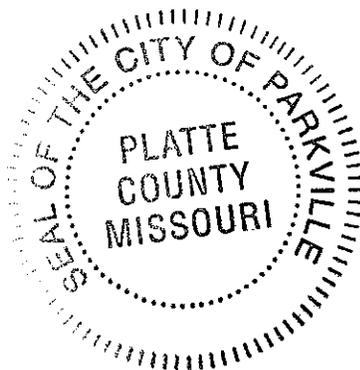
- C. Occupancy inspection. Except when occupancy inspections are included with building permits for new construction, tenant finish or major remodeling, an occupancy inspection shall be required prior to change of occupancy for non-residential structures. Occupancy inspection and re-inspection fees shall be set forth in the schedule of fees adopted by the Board of Aldermen by resolution as authorized by Municipal Code Chapter 800, Section 800.010. Initial inspection fees shall be paid at the time of application and re-inspection fees shall be paid prior to re-inspection.
- D. Building permit and inspection fee for work started without a permit.
 - 1. Except in emergency situations as specified in Section 500.030, if work for which a permit is required in this Chapter is started or commenced by any property owner, building owner, business owner, tenant, firm, partnership, corporation, architect, builder, contractor, subcontractor, tradesman, authorized agent or any other person or entity employed by or in connection therewith prior to obtaining a required permit, the building permit and inspection fees for such work shall be doubled. The payment of such double fee shall not relieve any person(s) from fully complying with the requirements of the Building Code, nor relieve any person(s) from violations or penalties as prescribed in Sections 500.100 and 500.110.
 - 2. No building permits shall be issued to any property owner, building owner, business owner, tenant, firm, partnership, corporation, architect, builder, contractor, subcontractor, tradesman, authorized agent or any other person or entity employed by or in connection therewith who owes the City of Parkville, Missouri, permit and inspection fees as described in this Section.
- E. Reimbursement of fees. When a fee owed under this section is paid in excess of the amount owed or an application is withdrawn prior to any review or inspection proceeding, reimbursement may be authorized by the Building Official. Reimbursements must be requested within 90 calendar days of payment.

Section 5. This ordinance is effective upon its passage and approval.

PASSED and APPROVED this 6th day of January 2015.

ATTESTED:

Melissa McChesney
City Clerk Melissa McChesney



Nanette K. Johnston
Mayor Nanette K. Johnston

Exhibit A
Amendments to the 2012
International Building Code

The 2012 International Building Code is adopted by Ordinance # 2794, effective January 6, 2015, subject to the following amendments.

AMENDMENTS TO CHAPTER 1 - SCOPE AND ADMINISTRATION

Section [A] 101.1 is amended to read as follows:

[A] 101.1 Title. These regulations shall be known as the *Building Code of the City of Parkville, Missouri*, hereinafter referred to as “the code.”

Section [A] 101.2.1 is added to read as follows:

[A] 101.2.1 Appendices Adopted. The following appendices are adopted as part of the code.

1. Appendix C - Group U – Agricultural Buildings
2. Appendix E - Supplementary Accessibility Requirements
3. Appendix F - Rodent Proofing
4. Appendix G - Flood Resistant Construction
5. Appendix H – Signs, except Section H101.2
6. Appendix I - Patio Covers
7. Appendix J - Grading

Section 101.4.3 is amended to read as follows:

[A] 101.4.3 Plumbing. The provisions of the International Plumbing Code shall apply to the installation, alterations, repairs and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system.

Section [A] 101.4.7 is added to read as follows:

[A] 101.4.7 Electrical. The provisions of the NFPA 70 National Electrical Code, 2011 Edition, shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

Section [A] 102.7 is added to read as follows:

[A] 102.7 Moved buildings and temporary buildings. Buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new buildings or structures as deemed necessary by the Building Official for the general safety and welfare of occupants and the public.

Section [A] 103.4 is added to read as follows:

[A] 103.4 Division of Building Safety. The Division of Building Safety of the Community Development Department will be inserted where the Department of Building Safety is referenced throughout the document.

Section [A] 105.2 is amended to read as follows:

[A] 105.2 Work exempt from permit. Exemptions from 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:

Buildings:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11.15 m²).
2. Fences not over 6 feet (1829 mm) high.
3. Oil derricks.
4. Retaining walls which are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids.
Exception: The building official may waive the requirements for a permit or engineered drawings if it is deemed unnecessary to require such submittals due to the location and type of wall to be installed.
5. 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.
6. Private sidewalks not more than 30 inches (762 mm) above grade and not over any basement or story below and which are not part of an accessible route.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated swimming pools accessory to a Group R-3 occupancy, as applicable in Section 101.2, which are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (19 000 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes and not including service systems.
11. Swings and other playground equipment accessory to one-and two-family dwellings.
12. Window awnings entirely supported by an exterior wall of Group R-3, as applicable in Section 101.2, and Group U occupancies.
13. Movable cases, counters and partitions not over 5 feet 9 inches (1753 mm) in height.

Electrical:

1. **Repairs and maintenance:** Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
2. **Radio and television transmitting stations:** The provisions of this code shall not apply to electrical equipment used for radio and television transmission, but does apply to equipment and wiring for power supply, the installations of towers and antennas.

3. Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance;
2. Portable ventilation equipment;
3. Portable cooling unit;
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code;
5. Replacement of any part which does not alter its approval or make it unsafe;
6. Portable evaporative cooler;
7. Self-contained refrigeration system containing 10 pound (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 w) or less.

Plumbing:

The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.

The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

[A] 105.2.1 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 to the building official.

[A] 105.2.2 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 addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer drainage, drain leader, gas, soil, waste, vent of similar piping, electric wiring or mechanical or other work affecting public health or general safety.

[A] 105.2.3 Public service agencies. A permit shall not be required for the installation, alteration or repair of generation, transmission, distribution or metering or other related equipment that is under ownership and control of public service agencies by established right.

Section [A] 105.3.3 is added to read as follows:

[A] 105.3.3 Moving buildings – moving permits. No person shall move any building or structure having a floor area of 120 or more square feet, upon, across, or over any highway, street, alley or sidewalk in the City without first obtaining a permit to do so, issued by the Building Official.

[A] 105.3.3.1 Moving permit applications. All applications for permits to move buildings or other structures shall be made to the Building Official, and such application shall state and be in compliance with the following procedures prior to issuance of the permit:

1. The dimensions of the building or structure as to length, height at its highest point when loaded for moving, width;
2. The definite description of the building or structure proposed to be moved giving street number, construction materials, dimensions in square feet, number of rooms and condition of exterior and interior;
3. The plot plan, to scale, with legal description of the lot from which the building is to be moved, giving the lot number, block number and subdivision, if located within the City;
4. The plot plan, to scale, with the legal description of the lot to which it is proposed such building be moved, giving the lot number, block number and subdivision, if located within the City;
5. The day and hour when the moving is to commence and length of time of the move.
6. The highways, streets, alleys or sidewalks over, along, or across which the building or structure is proposed to be moved. The application shall be made not less than 14 calendar days prior to the commencement of the move.
7. Written approval from the Public Works Department and Police Department shall accompany permit application.
8. The approved foundation design, if located within the city.

Section 109 is repealed and replaced as follows:

SECTION 109 FEES

[A] 109.1 Payment of fees. A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

[A] 109.2.1 Fee Schedule. The fees and refunds for all work shall be as indicated in the 1997 Uniform Administrative Code Tables 3-A, 3-B, 3-C and 3-D and Parkville Municipal Code Chapter 850: *Building and Construction Fees Parkville Code of Ordinances*.

[A] 109.3 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 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 to meet the approval of the building official. Final building permit valuation shall be set by the building official.

[A] 109.4 Work commencing before permit issuance. Any person who commences work requiring a permit on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to additional fees in accordance with Parkville Municipal Code Chapter 500.040, *Building Permit Fees*. Fees for starting work prior to issuance of a permit shall be charged in addition to the required permit and other applicable fees.

[A] 109.5 Related fees. The payment of the fee for the construction, alteration, removal or demolition for work done in connection to or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

[A] 109.6 Refunds. The building official is authorized to refund fees in accordance with Parkville Municipal Code Chapter 500.040, *Building Permit Fees*.

[A] 109.2.1 Fee Schedule. The fees and refunds for all work shall be as indicated in the 1997 Uniform Administrative Code Tables 3-A, 3-B, 3-C and 3-D and Parkville Municipal Code Chapter 850: *Building and Construction Fees Parkville Code of Ordinances*.

Section [A] 110.3.7 is hereby deleted.

Section [A] 113 is amended to read as follows:

Section 113 Appeals.

[A] 113.1 Application for appeal. Any person directly affected by a decision of the code official or a notice or order issued under this code shall have the right to appeal to the Board of Appeals, provided that a written application for appeal is filed within 20 days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means. The board shall have no authority to waive requirements of this code.

[A] 113.2 Membership of board. The Board of Appeals shall consist of the members of the Board of Zoning and Adjustments of the City of Parkville.

[A] 113.3 Procedures. The Board of Appeals shall following the procedures adopted in Parkville Municipal Code Chapter 400, Section 480.020, *Procedures*.

[A] 113.4. Administration. The code official shall take immediate action in accordance with the decision of the Board.

Section [A] 114.1 is amended to read as follows:

[A] 114.1 Unlawful acts. It shall be unlawful for any person, firm, partnership or corporation, or any architect, builder, contractor, agent, person or corporation employed in connection therewith, to:

Erect, construct, enlarge, alter, repair, remodel, move, improve, remove, convert, demolish, equip, use or occupy prior to passing a final inspection or maintain any building or structure or cause or permit the same to be done without first obtaining a

valid, unrevoked building permit and/or temporary certificate of occupancy or certificate of occupancy as provided in this Code.

Enter, occupy, remain or permit or cause any other person to enter, occupy or remain in any building or structure which has been posted as unfit to occupy until such building or structure has been inspected and been issued a certificate of occupancy pursuant to the provisions of the City Building Code.

Remove or deface any order to stop work or to vacate, which is posted upon any premises, building or structure.

Fail, neglect or refuse to obey any subpoena or final order of the Board of Zoning Adjustment or Board of Appeals or violate any other provision of this Code.

Section [A] 114.4 is amended to read as follows:

[A] 114.4 Violations penalties. Any person, firm, partnership or corporation or any architect, builder, contractor, agent, person or corporation employed in connection therewith who shall violate this Title shall be guilty of a misdemeanor and shall be liable to a fine not exceeding five hundred dollars (\$500.00) and costs or imprisonment for a term not exceeding ninety (90) days or both such fine and imprisonment. Each day such violation shall be permitted to exist shall constitute a separate offense. The owner or owners of any building, structure or premises or part thereof where anything in violation of this Title shall be placed or shall exist and any architect, builder, contractor, agent, person or corporation employed in connection therewith and who have assisted in the commission of any such violation shall be guilty of a separate offense and upon conviction thereof shall be fined as hereinabove provide

Section [A] 115.2 is amended to read as follows:

[A] 115.2 Issuance. The stop work order shall be in writing and shall be given to the owner of the property, or to the owner's agent, to the person doing the work, or posted on the subject property in a conspicuous location. Upon issuance of a stop work order, the cited work shall immediately cease. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work.

AMENDMENTS TO CHAPTER 9 - FIRE PROTECTION SYSTEMS

Section 901.3 is amended to read as follows:

901.3 Modifications. No person shall remove or modify any fire protection system installed or maintained under the provisions of this code or the International Fire Code *without approval of the Southern Platte Fire Protection District and Building Official.*

AMENDMENTS TO CHAPTER 10 - MEANS OF EGRESS

Section 1013.2 is amended to read as follows:

1013.1 Guards. Guards shall be located along open-sided walking surfaces, including mezzanines, equipment platforms, stairs, ramps and landings that are located more than 30 inches (762 mm) measured vertically to the floor or grade below at any point within 39 inches (914 mm) horizontally to the edge of the open side. Guards shall be adequate

in strength and attachment in accordance with Section 1607.8. Guards are required at retaining walls over 30" when walking surfaces are within (10) feet of the high side of the retaining wall.

Exception: Guards are not required for the following locations:

1. On the loading side of loading docks or piers.
2. On the audience side of stages and raised platforms, including steps leading up to the stage and raised platform.
3. On raised stage and platform floor areas such as runways, ramps and side stages used for entertainment or presentations.
4. At vertical openings in the performance area of stages and platforms.
5. At elevated walking surfaces appurtenant to stages and platforms for access to and utilization of special lighting or equipment.
6. Along vehicle service pits not accessible to the public.
7. In assembly seating where guards in accordance with Section 1008.14 are permitted and provided.

AMENDMENTS TO CHAPTER 16 - STRUCTURAL DESIGN

Section 1612.3 is amended to read as follows:

1612.3 Establishment of flood hazard areas. To establish flood hazard areas, the governing body has adopted a flood hazard map and supporting data. The flood hazard map includes, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled "The Flood Insurance Study for *the City of Parkville, Missouri,*" dated May 15, 1978, as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Map (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section.

AMENDMENTS TO CHAPTER 18 - SOILS AND FOUNDATIONS

Section 1809.5.1 is added as follows:

Section 1809.5.1 Frost Line. The design frost line shall be 36" below grade.

AMDMENTS TO CHAPTER 29 - PLUMBING SYSTEMS

Section [P] 2901.1 is amended to read as follows:

[P] 2901.1 Scope.

The provisions of this chapter and the International Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems. Toilet and bathing rooms shall be constructed in accordance with Section 1210. Plumbing systems and equipment shall be constructed, installed and maintained in accordance with the International Plumbing Code.

AMENDMENTS TO CHAPTER 34 - EXISTING STRUCTURES

Section 3412.2 is amended to read as follows:

3412.2 Applicability. Structures existing prior to the adoption of this code, in which there is work involving additions, alterations or change of occupancy shall be made to conform to the requirements of this section or the provisions of Section 3403 through 3409. The provisions in Sections 3412.2.1 through 3412.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, S and U. These provisions shall not apply to buildings with occupancies in Group H or I.

Attachment B

Amendments to the 2012 International Residential Code for One- and Two-Family Dwellings

The 2012 International Residential Code for One- and Two-Family Dwellings is adopted by Ordinance #2794, effective January 6, 2015, subject to the following amendments.

AMENDMENTS TO CHAPTER 1 - SCOPE AND ADMINISTRATION

Section R101.1 is amended to read as follows:

R101.1 Title. These provisions shall be known as the *Residential Code for One- and Two-family Dwellings of the City of Parkville, MO* and shall be cited as such and will be referred to herein as "this code."

Section R101.2 is amended to read as follows:

R101.2 Scope. The provisions of the International Residential Code for One- and Two-Family Dwellings shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height with a separate means of egress and their accessory structures. The removal and/or demolition of any structures shall comply with all pertinent sections of the International Building Code and the International Existing Building Code.

Section R102.5 is added to read as follows:

R102.5. Appendices Adopted. The following appendices are adopted as part of the code.

1. Appendix A - Sizing and capacities of gas piping.
2. Appendix B - Sizing of venting systems serving appliances equipped with draft hoods, Category 1 appliances, and appliances listed for use and type B vents.
3. Appendix C - Exit Terminals of mechanical draft and direct-vent venting systems.
4. Appendix D - Recommended procedure for safety inspection of an existing appliance installation.
5. Appendix E - Manufactured housing used as dwellings.
6. Appendix G - Swimming pools, spas and hot tubs.
7. Appendix H - Patio Covers.
8. Appendix J – Existing Buildings and Structures.
9. Appendix K - Sound Transmission.
10. Appendix L – Permit fees
11. Appendix N – Venting Methods
12. Appendix O - Automatic Vehicle Gates

Section R102.8 is added to read as follows:

R102.8 Moved Buildings and Temporary Buildings. Buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new buildings or structures as determined necessary by the Building Official for the general safety and welfare of the occupants and the public.

Section 103.4 is added to read as follows:

103.4 Division of Building Safety. The Division of Building Safety of the Community Development Department will be inserted where the Department of Building Safety is referenced throughout this document.

Section R105.10 is added to read as follows:

R105.10 Moving buildings – moving permits. No person shall move any building or structure having a floor area of 200 or more square feet, upon, across, or over any highway, street, alley, or sidewalk in the City without first obtaining a permit to do so, issued by the Building Official.

R105.10.1 Moving permit applications. All applications for permits to move buildings or other structures shall be made to the Building Official, and such application shall state and be in compliance with the following procedures prior to issuance of the permit.

1. The dimensions of the building or structure as to length, height at its highest point when loaded for moving, and width.
2. The definite description of the building or structure proposed to be moved giving street number, construction materials, dimensions in square feet, number of rooms and condition of exterior and interior and floor plan of building if located within the city.
3. The plot plan to scale with legal description of the lot from which the building is to be moved, giving the lot number, block number and subdivision, proposed use of the lot, if located within the City.
4. The plot plan to scale with the legal description of the lot to which it is proposed such building be moved, giving the lot number, block number and subdivision, if located within the City.
5. The day and hour when the moving is to commence and length of time of the move. In no event will a moving be allowed on a Saturday or Sunday or a holiday unless specially allowed by the Building Official.
6. The highways, streets, alleys or sidewalks over, along, or across which the building or structure is proposed to be moved.
7. The application shall be made not less than 14 calendar days prior to the commencement of the move.
8. Written approval from the Public Works Department and Police Department shall accompany the permit application.
9. The approved foundation design, if located within the city.

Section R108 is repealed and replaced to read as follows:

Section R108 Fees.

R108.1 Payment of fees.

A permit shall not be valid until the fees prescribed by law have been paid. Nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

R108.2 Schedule of permit fees.

On buildings, structures, electrical, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance Appendix L, *Permit Fees*.

R108.3 Building permit valuations.

Building permit valuation shall include total value of the work for which a permit is being issued, such as electrical, gas, mechanical, plumbing equipment and other permanent systems, including materials and labor.

R108.4 Related fees.

The payment of the fee for the construction, alteration, removal or demolition for work done in connection with or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

R108.5 Refunds.

The building official is authorized to refund fees in accordance with Parkville Municipal Code Chapter 500.040, *Building Permit Fees*.

R108.6 Work commencing before permit issuance.

Any person who commences work requiring a permit on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to additional fees in accordance with Parkville Municipal Code Chapter 500.040, *Building Permit Fees*. Fees for starting work prior to issuance of a permit shall be charged in addition to the required permit and other applicable fees.

Section R110.3 is amended to read as follows:

R110.3 Certificate issued. After the building official inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the department of Community Development, the building official shall issue a certificate of occupancy which shall be the approved final inspection report.

Section R 112 is amended to read as follows:

Section R112 Appeals.

R 112.1 Application for appeal. Any person directly affected by a decision of the code official or a notice or order issued under this code shall have the right to appeal to the Board of Appeals, provided that a written application for appeal is filed within 20 days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means. The board shall have no authority to waive requirements of this code.

R 112.2 Membership of board. The Board of Appeals shall consist of the members of the Board of Zoning and Adjustments of the City of Parkville.

R 112.3 Procedures. The Board of Appeals shall following the procedures adopted in Parkville Municipal Code Chapter 400, Section 480.020, *Procedures*.

R112.4. Administration. The code official shall take immediate action in accordance with the decision of the Board.

Section R113.1 is amended to read as follows:

R113.1 Unlawful acts. It shall be unlawful for any person, firm, partnership or corporation, or any architect, builder, contractor, agent, person or corporation employed in connection therewith, to:

Erect, construct, enlarge, alter, repair, remodel, move, improve, remove, convert, demolish, equip, use or occupy prior to passing a final inspection or maintain any building or structure or cause or permit the same to be done without first obtaining a valid, unrevoked building permit and/or temporary certificate of occupancy or certificate of occupancy as provided in this Code.

Enter, occupy, remain or permit or cause any other person to enter, occupy or remain in any building or structure which has been posted as unfit to occupy until such building or structure has been inspected and been issued a certificate of occupancy pursuant to the provisions of the City Building Code.

Remove or deface any order to stop work or to vacate, which is posted upon any premises, building or structure.

Fail, neglect or refuse to obey any subpoena or final order of the Board of Zoning Adjustment or Board of Appeals or violate any other provision of this Code.

Section R113.4 is amended to read as follows:

R113.4 Violations penalties. Any person, firm, partnership or corporation or any architect, builder, contractor, agent, person or corporation employed in connection therewith who shall violate this Title shall be guilty of a misdemeanor and shall be liable to a fine not exceeding five hundred dollars (\$500.00) and costs or imprisonment for a term not exceeding ninety (90) days or both such fine and imprisonment. Each day such violation shall be permitted to exist shall constitute a separate offense. The owner or owners of any building, structure or premises or part thereof where anything in violation of this Title shall be placed or shall exist and any architect, builder, contractor, agent, person or corporation employed in connection therewith and who have assisted in the commission of any such violation shall be guilty of a separate offense and upon conviction thereof shall be fined as hereinabove provide

Section R114.1 is amended to read as follows:

R114.1 Notice to Owner. Upon notice from the code official that work on any building or structure is being prosecuted contrary to the provisions of this code or in an unsafe and dangerous manner, such work shall be immediately stopped. The stop work order

shall be in writing and shall be given to the owner of the property, or to the owner's agent, to the person doing the work, or posted on the subject property in a conspicuous location. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work.

Section R115 is added to read as follows:

R115 Protection of Adjoining Property. Adjoining public and private property shall be protected from damage during construction, remodeling and demolition work. Protection must be provided for footings, foundations, party walls, chimneys, skylights and roofs. Provisions shall be made to control water run-off and erosion during construction or demolition activities.

AMENDMENTS TO CHAPTER 3 - BUILDING PLANNING

Table R301.2.1 is amended to read as follows:

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

ROOF SNOW LOAD (psf)	WIND DESIGN		SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^g	ICE BARRIER UNDERLAYMENT REQUIRED ^h	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ⁱ
	Speed ^d (mph)	Topographic effects ^k		Weathering ^a	Frost line depth ^b	Termite ^e					
20	90	No	A	Severe	36"	Moderate to Heavy	6 F	No	See NFIP Flood Insurance Rate Map	927	55 F

Section R302.2 is amended to read as follows:

R302.2 Townhouses. Each townhouse shall be considered a separate building and shall be separated by fire-resistance-rated wall assemblies meeting the requirements of Section R302.1 for exterior walls.

Exception:

1. A common 2-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. Electrical installations shall be installed in accordance with Chapter 34 through 43. Penetrations of electrical outlet boxes shall be in accordance with Section R302.2.
2. A common 1-hour fire-resistance-rated assembly tested in accordance with ASTM-E 119 or UL 263 is permitted for townhouses equipped with an automatic sprinkler system installed in accordance with Section P2904.

Section R302.2.4 is amended to read as follows:

R302.2.4 Structural independence.

Each individual townhouse shall be structurally independent.

Exceptions:

1. Foundations supporting exterior walls or common walls.
2. Structural roof and wall sheathing from each unit may fasten to the common wall framing.
3. Nonstructural wall and roof coverings.
4. Flashing at termination of roof covering over common wall.
5. Townhouses separated by a common 4-hour-2-hour fire-resistance-rated wall as provided in Section R302.2.

Section R303.3 is amended to read as follows:

R303.3 Bathrooms. Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet (0.3 m²), one-half of which must be operable.

Exception: The glazed areas shall not be required where artificial light and a local

exhaust system are provided. The minimum local exhaust rates shall be determined in accordance with Section M1507. Exhaust air from the space shall be exhausted directly to the outdoors or to an attic gable vent or ventilated soffit.

Section R306.5 is added to read as follows:

R306.5 New single-family dwellings toilet facilities. Toilet facilities shall be provided within 500 feet (measured from the property line adjacent to the street for platted subdivisions along the public way) for all new single-family dwellings starting from the time of the first footing inspection until facilities are available in the dwelling. The facilities on the site shall be removed prior to occupancy.

Section R309 is amended to read as follows:

R309.5 Fire sprinklers. Private garages shall be protected by fire sprinklers where the garage wall has been designed based on Table R302.1(2), Footnote a. and the home owner has opted to purchase a fire sprinkler system for their residence, as per Missouri Revised Statutes 67.281 Sprinklers in garages shall be connected to an automatic sprinkler system that complies with Section P2904. Garage sprinklers shall be residential sprinklers or quick-response sprinklers designed to provide a density of 0.05 gpm/ft². Garage doors shall not be considered obstructions with respect to sprinkler placement.

Section R313 is amended to read as follows:

SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS

R313.1 Townhouse automatic fire sprinkler systems.

As required by Section 67.281 of the Revised Statutes of Missouri and a builder of one- or two Family dwelling or townhouse shall offer to any purchaser on or before entering into purchase contract the option, at the purchaser's cost, to install or equip Fire sprinklers in the dwelling or townhouse.

Exception: An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed.

R313.1.1 Design and installation.

Automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with Section P2904.

R313.2 One- and two-family dwellings automatic fire systems.

As required by Section 67.281 of the Revised Statutes of Missouri and a builder of one- or two Family dwelling or townhouse shall offer to any purchaser on or before entering into purchase contract the option, at the purchaser's cost, to install or equip Fire sprinklers in the dwelling or townhouse.

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system.

R313.2.1 Design and installation.

Automatic residential fire sprinkler systems shall be designed and installed in accordance with Section P2904 or NFPA 13D.

Section R319.2 is added to read as follows:

R319.2 Illumination. Single-family dwellings shall have the ability to illuminate the address and numbers during the hours of darkness with a power source connected to the house electrical system or other approved source of illumination.

AMENDMENTS TO CHAPTER 11 - ENERGY EFFICIENCY

Table N1102.1.1 is amended to read as follows:

Table N1102.1.1 (R402.1.1) Insulation and Fenestration Requirements by Component^a

Climate Zone	Fenestration <i>U</i> -factor ^b	Skylight ^b <i>U</i> -factor	Glazed Fenestration SHGC ^b	Ceiling <i>R</i> -value ^g	Wood Frame Wall <i>R</i> -value	Mass Wall <i>R</i> -Value ^f	Floor <i>R</i> -Value	Basement ^c Wall <i>R</i> -value	Slab ^d <i>R</i> -Value & Depth	Crawl Space ^e Wall <i>R</i> -Value
4	0.35	0.55	0.40	49	13	8/13	19 ^e	10/13	NR	10/13

- a. *R*-values are minimums. *U*-factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed *R*-value of the insulation shall not be less than the *R*-value specified in the table.
- b. The fenestration *U*-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- c. "10/13" means R-10 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement walls.
- d. R-5 shall be added to the required slab edge *R*-values for heated slabs.
- e. Or insulation sufficient to fill the framing cavity, R-19 minimum.
- f. The second *R*-value applies when more than half the insulation is on the interior of the mass wall.
- g. Loose-fill-insulation shall be installed at the rate recommended by the manufacturer's statement "bags per 1,000 square feet." Where the pitch of the roof restricts the "minimum thickness" at the exterior wall line, the insulation shall be blown into the cavity so as to achieve a greater compacted density to a point where the "minimum thickness" can be achieved. As an alternative high-density batts may be installed around the perimeter edge per Section N1102.4.1.1.

Section N1102.2.8 is deleted.

Table N1102.4.1.1 is amended to read as follows:

Table N1102.4.1.1 Air Barrier and Insulation Installation

Component	Criteria
Air barrier and thermal barrier	A continuous air barrier shall be installed in the building envelope. Exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed. Air-permeable insulation shall not be used as sealing material
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier sealed. Access opening, dropdown stair or knee wall doors to unconditioned attic spaces shall be sealed.
Windows, skylights and doors	The space between window/door jambs and framing and skylights and framing shall be sealed.
Floors (including above-garage and cantilevered floors)	Insulation shall be installed to maintain permanent contact with underside of subfloor decking. The air barrier shall be installed at any exposed edge of insulation.
Crawl space walls	Where provided in lieu of floor insulation, insulation shall be permanently attached to the crawlspace walls. Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.
Narrow cavities	Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space.
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be air tight, IC rated, and sealed to the drywall.
Plumbing and wiring	Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.
Shower/tub on exterior wall	Exterior walls adjacent to showers and tubs shall be insulated and the air barrier installed separating them from the showers and tubs.
Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.
HVAC register boots	HVAC register boots that penetrate building thermal envelope shall be sealed to the sub floor or drywall.

Section N1102.4.1.2 is amended to read as follows:

N1102.4.1.2 Testing. Where required by the Building Official, The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding five (5) air changes per hour. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascal's). Where required by the Building Official, test shall be conducted by a 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.

During testing:

1. Exterior windows and stove doors shall be closed, but not sealed, beyond the intended weather stripping or other infiltration control measures;
2. Dampers including exhaust, intake, makeup air, back-draft and flue dampers shall be closed, but not sealed beyond intended infiltration measures;
3. Interior doors, if installed at the time of the test, shall be open;
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
5. Heating and cooling systems' if installed at the time of the test, shall be turned off; and
6. Supply and return registers, if installed at the time of the test, shall be fully opened.

Section N1103.2.1 is amended to read as follows:

N1103.2.1 Insulation (Prescriptive). Supply ducts in attics shall insulate to minimum of R-4.

Exception: Ducts or portions thereof located completely inside the *building thermal envelope*.

N1103.2.2 Sealing (Mandatory). Ducts, air handlers, and filter boxes shall be sealed. Joints and seams shall comply with Section M1601.4.1 of this Code.

Exceptions:

1. Air-impermeable spray foam products shall be permitted to be applied without additional joint seals.
2. Where a duct connection is made that is partially inaccessible, 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 pressures less than two inches (2") of water column (500 Pa) pressure classification shall not require additional closure systems.

Where required by the Code Official, duct tightness shall be verified by either of the following:

1. Post-construction test: Total leakage shall be less than or equal to 4 cfm (113.3 L/min) per 100 square feet (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test.
2. Rough-in test: Total leakage shall be less than or equal to 4 cfm (113.3 L/min) per 100 square feet (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure. All registers shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 3 cfm (85 L/min) per 100 square feet (9.29 m²) of conditioned floor area.

Exceptions:

1. The total leakage test is not required for ducts and air handlers located entirely within the building thermal envelope.
2. On the post-construction test, it is permissible to test for "leakage to the outdoors" versus a "total leakage." Leakage to the outdoors shall be less than or equal to 8 cfm per 100 square feet of conditioned floor area.

Section N1103.2.3 is hereby deleted in its entirety.

Section N1103.2.3 is amended to read as follows:

N1103.2.3 Building cavities (Mandatory).

Building framing cavities shall not be used as supply ducts or plenums. Building cavities used as plenums shall be durably sealed to limit infiltration. The sealing methods between dissimilar materials shall allow for differential expansion and contraction and shall be caulked, gasketed, weather-stripped or otherwise sealed with an air barrier material, suitable film or solid material.

Section N1103.4.2 is amended to read as follows:

N1103.4.2. Hot water pipe insulation (Prescriptive). Insulation for hot water pipe with a minimum thermal resistance (*R*-Value) of R-3 shall be applied to the following:

1. Piping larger than ¾ inch nominal diameter.
2. Piping serving more than one dwelling unit.
3. Piping located outside the conditioned space.
4. Piping located under a floor slab.
5. Buried piping.
6. Supply and return piping in recirculation systems other than demand recirculation systems.

Section N1104.1 is amended to read as follows:

N1104.1 Lighting Equipment. Fuel gas systems shall not have a continuous burning pilot.

AMENDMENTS TO CHAPTER 15 - EXHAUST SYSTEMS

Section M1502.4.2 is amended to read as follows:

M1502.4.2 Duct installation. 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. Clothes Dryer Exhaust shall not be mechanically fastened.

AMENDMENTS TO CHAPTER 30 - SANITARY DRAINAGE

Section P3001.2.1 is added to read as follows:

P3001.2.1 Sewer Depth. Building sewers that connect to private sewer disposal systems shall be a minimum of 36 inches below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 36 inches below grade.

AMENDMENTS TO CHAPTER 39 - POWER AND LIGHT DISTRIBUTION

Section E3902.2 is amended to add the following exception:

Exception: GFCI is not required for a garage door opener if the receptacle is a single dedicated receptacle and not a duplex receptacle.

Section E3902.5 is amended to add the following exception:

Exception: GFCI is not required for a sump pump if the receptacle is a single dedicated receptacle and not a duplex receptacle.

Section E3902.12 is amended to read as follows:

E3902.12 Arc-fault circuit-interrupter protection. All branch circuits that supply 120-volt, single-phase, 15- and 20-ampere outlets installed in bedrooms -and similar rooms or areas shall be protected by a combination type arc-fault circuit interrupter installed to provide protection of the branch circuit.

AMENDMENTS TO CHAPTER 40 - DEVICES AND LUMINARIES

Section E4002.14 is hereby deleted in its entirety.

Attachment C
Amendments to the 2012
International Mechanical Code

The 2012 International Mechanical Code is adopted by Ordinance #2794, effective January 6, 2015, subject to the following amendments.

AMENDMENTS TO CHAPTER 1 - SCOPE AND ADMINISTRATION

Section [A] 101.1 is amended to read as follows:

[A] 101.1 Title. These regulations shall be known as the Mechanical Code of The City of Parkville, Missouri, hereinafter referred to as "this code."

Section [A] 103.1 is amended to read as follows:

[A] 103.1 Division of Building Safety. The Division of Building Safety of the Community Development Department will be inserted where the Department of Mechanical Inspection is referenced throughout this document.

Section [A] 106.5.2 is amended to read as follows:

[A] 106.5.2 Fee schedule. The fees and refunds for all mechanical work shall be as indicated in the 1997 Uniform Administrative Code Table 3-A, *Building Permit Fees*, Table 3-C, *Mechanical Permit Fees* and Parkville Municipal Code Chapter 850: *Building and Construction Fees Parkville Code of Ordinances*.

Section [A] 106.5.3 of the 2012 IMC is hereby deleted.

Section [A] 108.1 is amended to read as follows:

[A] 108.1 Unlawful acts. It shall be unlawful for any person, firm, partnership or corporation, or any architect, builder, contractor, agent, person or corporation employed in connection therewith, to:

Erect, construct, enlarge, alter, repair, remodel, move, improve, remove, convert, demolish, equip, use or occupy prior to passing a final inspection or maintain any building or structure or cause or permit the same to be done without first obtaining a valid, unrevoked building permit and/or temporary certificate of occupancy or certificate of occupancy as provided in this Code.

Enter, occupy, remain or permit or cause any other person to enter, occupy or remain in any building or structure which has been posted as unfit to occupy until such building or structure has been inspected and been issued a certificate of occupancy pursuant to the provisions of the City Building Code.

Remove or deface any order to stop work or to vacate, which is posted upon any premises, building or structure.

Fail, neglect or refuse to obey any subpoena or final order of the Board of Zoning Adjustment or Board of Appeals or violate any other provision of this Code.

Section [A] 108.4 is amended to read as follows:

[A] 108.4 Violations penalties. Any person, firm, partnership or corporation or any architect, builder, contractor, agent, person or corporation employed in connection therewith who shall violate this Title shall be guilty of a misdemeanor and shall be liable to a fine not exceeding five hundred dollars (\$500.00) and costs or imprisonment for a term not exceeding ninety (90) days or both such fine and imprisonment. Each day such violation shall be permitted to exist shall constitute a separate offense. The owner or owners of any building, structure or premises or part thereof where anything in violation of this Title shall be placed or shall exist and any architect, builder, contractor, agent, person or corporation employed in connection therewith and who have assisted in the commission of any such violation shall be guilty of a separate offense and upon conviction thereof shall be fined as hereinabove provide.

Section [A] 108.5 is amended to read as follows:

[A] 108.5 Stop work orders. Upon notice from the code official that work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, to the person doing the work, or posted on the subject property in a conspicuous location. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalty in accordance with this Code and the Parkville Municipal Code.

Section 109 is repealed and replaced to read as follows:

Section 109 Appeals.

[A] 109.1 Application for appeal. Any person directly affected by a decision of the Building Official or a notice or order issued under this code shall have the right to appeal to the Board of Appeals, provided that a written application for appeal is filed within 20 days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means. The board shall have no authority to waive requirements of this code.

[A] 109.2 Membership of board. The Board of Appeals shall consist of the members of the Board of Zoning and Adjustments of the City of Parkville.

[A] 109.3 Procedures. The Board of Appeals shall following the procedures adopted in Parkville Municipal Code Chapter 400, Section 480.020, *Procedures*.

[A] 109.4. Administration. The code official shall take immediate action in accordance with the decision of the Board.

AMENDMENTS TO CHAPTER 3 - GENERAL REGULATIONS

Section 301.7 is amended to read as follows:

301.7 Electrical. Electrical wiring, controls and connections to equipment and appliances regulated by this code shall be in accordance with the City's adopted version of the National Electric Code.

Attachment D
Amendments to the 2012
International Plumbing Code

The 2012 International Plumbing Code is adopted by Ordinance #2794, effective January 6, 2015, subject to the following amendments.

AMENDMENTS TO CHAPTER 1 - SCOPE AND ADMINISTRATION

Section [A] 101.1 is amended to read as follows:

[A] 101.1 Title. These regulations shall be known as the International Plumbing Code of The City of Parkville, Missouri, hereinafter referred to as "this code."

Section [A] 102.7 is amended to read as follows:

[A] 102.7 Moved buildings. Except as determined by the Building Official, or by Section 102.2, plumbing systems that are a part of buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new installations.

Section [A] 103.1 is added to read as follows:

[A] 103.1 Division of Building Safety. The Division of Building Safety of the Community Development Department will be inserted where the Department of Plumbing inspection is referenced throughout this document.

Section [A] 106.6.2 is amended to read as follows:

[A] 106.6.2 Fee Schedule. The fees and refunds for all plumbing work shall be as indicated in the 1997 Uniform Administrative Code Table 3-A, *Building Permit Fees*, 3-D, *Plumbing Permit Fees* and Parkville Municipal Code Chapter 850: *Building and Construction Fees Parkville Code of Ordinances*.

Section [A] 106.6.3 is hereby deleted.

Section [A] 108.1 is amended to read as follows:

[A] 108.1 Unlawful acts. It shall be unlawful for any person, firm, partnership or corporation, or any architect, builder, contractor, agent, person or corporation employed in connection therewith, to:

Erect, construct, enlarge, alter, repair, remodel, move, improve, remove, convert, demolish, equip, use or occupy prior to passing a final inspection or maintain any building or structure or cause or permit the same to be done without first obtaining a valid, unrevoked building permit and/or temporary certificate of occupancy or certificate of occupancy as provided in this Code.

Enter, occupy, remain or permit or cause any other person to enter, occupy or remain in any building or structure which has been posted as unfit to occupy until such building or structure has been inspected and been issued a certificate of occupancy pursuant to the provisions of the City Building Code.

Remove or deface any order to stop work or to vacate, which is posted upon any premises, building or structure.

Fail, neglect or refuse to obey any subpoena or final order of the Board of Zoning Adjustment or Board of Appeals or violate any other provision of this Code.

Section [A] 108.4 is amended to read as follows:

[A] 108.4 Violations penalties. Any person, firm, partnership or corporation or any architect, builder, contractor, agent, person or corporation employed in connection therewith who shall violate this Title shall be guilty of a misdemeanor and shall be liable to a fine not exceeding five hundred dollars (\$500.00) and costs or imprisonment for a term not exceeding ninety (90) days or both such fine and imprisonment. Each day such violation shall be permitted to exist shall constitute a separate offense. The owner or owners of any building, structure or premises or part thereof where anything in violation of this Title shall be placed or shall exist and any architect, builder, contractor, agent, person or corporation employed in connection therewith and who have assisted in the commission of any such violation shall be guilty of a separate offense and upon conviction thereof shall be fined as hereinabove provide

Section [A] 108.5 is amended to read as follows:

[A] 108.5 Stop work orders. Upon notice from the code official that work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, to the person doing the work, or posted on the subject property in a conspicuous location. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalty in accordance with this Code and the Parkville Municipal Code.

Section 109 is amended to read as follows:

Section 109 Appeals.

[A] 109.1 Application for appeal. Any person directly affected by a decision of the Building Official or a notice or order issued under this code shall have the right to appeal to the Board of Appeals, provided that a written application for appeal is filed within 20 days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means. The board shall have no authority to waive requirements of this code.

[A] 109.2 Membership of board. The Board of Appeals shall consist of the members of the Board of Zoning and Adjustments of the City of Parkville.

[A] 109.3 Procedures. The Board of Appeals shall following the procedures adopted in Parkville Municipal Code Chapter 400, Section 480.020, *Procedures*.

[A] 109.4. Administration. The code official shall take immediate action in accordance with the decision of the Board.

AMENDMENTS TO CHAPTER 3 - GENERAL REGULATIONS

Section 305.6.1 is amended to read as follows:

305.6.1 Sewer depth. Building sewers that connect to private sewage disposal systems shall be a minimum of 42 inches below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 42 inches below grade.

AMENDMENTS TO CHAPTER 7 - SANITARY DRAINAGE

Section 701.2 is amended to read as follows:

701.2 Sewer required. Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer, where available, except where a private sewage disposal system is approved in accordance with the requirements of this code, Parkville Municipal Code Chapter 700 - *Public and Private Sewers*, Missouri Department of National Resources and the Platte County Health Department.

AMENDMENTS TO CHAPTER 9 - VENTS

Section 904.1 is amended to read as follows:

904.1 Roof extension. All open vent pipes that extend through a roof shall be terminated at least 6 inches above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent shall be extended at least 7 feet above the roof.

Attachment E
Amendments to the 2012
International Fuel Gas Code

The 2012 International Fuel Gas Code is adopted by Ordinance #2794, effective January 6, 2015, subject to the following amendments.

AMENDMENTS TO CHAPTER 1 - SCOPE AND ADMINISTRATION

Section [A] 101.1 is amended to read as follows:

[A] 101.1 Title. These regulations shall be known as the Fuel Gas Code of The City of Parkville, MO, hereinafter referred to as "this code."

Section [A] 101.3.1 is added to read as follows:

[A] 101.3.1 Appendices adopted. The following appendices are adopted as part of the code:

1. Appendix A – Sizing and Capacities of Gas Piping.
2. Appendix B – Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category I Appliances, and Appliances Listed for Use and Type B Vents.
3. Appendix C – Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems.
4. Appendix D – Recommended Procedure for Safety Inspection of an Existing Appliance Installation.

Section [A] 103.5 is added to read as follows:

[A] 103.5 Division of Building Safety. The Division of Building Safety of the Community Development Department will be inserted where the Department of Inspection is referenced throughout this document.

Section [A] 106.6.2 is added to read as follows:

[A] 106.6.2 Fee Schedule. The fees and refunds for all work shall be as indicated in the *1997 Uniform Administrative Code Tables 3-A, 3-B, 3-C and 3-D and Parkville Municipal Chapter 850: Building and Construction Fees Parkville Code of Ordinances.*

Section [A] 106.6.3 is hereby deleted.

Section [A] 108.1 is amended to read as follows:

[A] 108.1 Unlawful acts. It shall be unlawful for any person, firm, partnership or corporation, or any architect, builder, contractor, agent, person or corporation employed in connection therewith, to:

Erect, construct, enlarge, alter, repair, remodel, move, improve, remove, convert, demolish, equip, use or occupy prior to passing a final inspection or maintain any building or structure or cause or permit the same to be done without first obtaining a valid, unrevoked building permit and/or temporary certificate of occupancy or certificate of occupancy as provided in this Code.

Enter, occupy, remain or permit or cause any other person to enter, occupy or remain in any building or structure which has been posted as unfit to occupy until such building or

structure has been inspected and been issued a certificate of occupancy pursuant to the provisions of the City Building Code.

Remove or deface any order to stop work or to vacate, which is posted upon any premises, building or structure.

Fail, neglect or refuse to obey any subpoena or final order of the Board of Zoning Adjustment or Board of Appeals or violate any other provision of this Code.

Section [A] 108.4 is amended to read as follows:

[A] 108.4 Violations penalties. Any person, firm, partnership or corporation or any architect, builder, contractor, agent, person or corporation employed in connection therewith who shall violate this Title shall be guilty of a misdemeanor and shall be liable to a fine not exceeding five hundred dollars (\$500.00) and costs or imprisonment for a term not exceeding ninety (90) days or both such fine and imprisonment. Each day such violation shall be permitted to exist shall constitute a separate offense. The owner or owners of any building, structure or premises or part thereof where anything in violation of this Title shall be placed or shall exist and any architect, builder, contractor, agent, person or corporation employed in connection therewith and who have assisted in the commission of any such violation shall be guilty of a separate offense and upon conviction thereof shall be fined as hereinabove provide

Section [A] 108.5 is amended to read as follows:

[A] 108.5 Stop work orders. Upon notice from the code official that mechanical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, to the person doing the work, or posted on the subject property in a conspicuous location. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalty in accordance with this Code and the Parkville Municipal Code.

Section 109 is amended to read as follows:

Section 109 (IFGC) Means of Appeal.

[A] 109.1 Application for appeal. Any person directly affected by a decision of the Building Official or a notice or order issued under this code shall have the right to appeal to the Board of Appeals, provided that a written application for appeal is filed within 20 days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means. The board shall have no authority to waive requirements of this code.

[A] 109.2 Membership of board. The Board of Appeals shall consist of the members of the Board of Zoning and Adjustments of the City of Parkville.

[A] 109.3 Procedures. The Board of Appeals shall following the procedures adopted in Parkville Municipal Code Chapter 400, Section 480.020, *Procedures*.

[A] 109.4. Administration. The code official shall take immediate action in accordance with the decision of the Board.

Sections 109.2 through 109.7 are hereby deleted in their entirety.

Attachment F
Amendments to the 2012
International Fire Code

The 2012 International Fire Code is adopted by Ordinance #2794, effective January 6, 2015, subject to the following amendments. Note that the following changes correspond with the Southern Platte Fire Protection District's proposed adoption and amendments thereto.

AMENDMENTS TO CHAPTER 1 - SCOPE AND ADMINISTRATION

Section [A] 101.1 is amended to read as follows:

[A] 101.1 Title. These regulations shall be known as the *Fire Code of the City of Parkville, Missouri*, hereinafter referred to as "this code."

Section [A] 102.7.1 is amended to read as follows:

[A] 102.7.1 Conflicts. Where conflicts occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply as adopted and amended by the Southern Platte County Fire Protection District.

Section [A] 104.1.1 is added to read as follows:

[A] 104.1.1 General Authority and Responsibilities. The Building Official will be inserted where the Fire Code Official is referenced throughout this document.

Section [A] 103.1 is amended to read as follows:

[A] 103.1 Division of Building Safety. The Division of Building Safety of the Community Development Department will be inserted where the Department of Fire Prevention is referenced throughout this document.

Section 108 is amended to read as follows:

Section 108 Appeals.

[A] 108.1 Application for appeal. Any person directly affected by a decision of the Building Official or a notice or order issued under this code shall have the right to appeal to the Board of Appeals, provided that a written application for appeal is filed within 20 days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means.

[A] 108.2 Membership of board. The Board of Appeals shall consist of the members of the Board of Zoning and Adjustments of the City of Parkville.

[A] 108.3 Procedures. The Board of Appeals shall following the procedures adopted in Parkville Municipal Code Chapter 400, Section 480.020, *Procedures*.

[A] 108.4. Administration. The code official shall take immediate action in accordance with the decision of the Board.

Section [A] 109.1 is amended to read as follows:

[A] 109.1 Unlawful acts. It shall be unlawful for any person, firm, partnership or corporation, or any architect, builder, contractor, agent, person or corporation employed in connection therewith, to:

Erect, construct, enlarge, alter, repair, remodel, move, improve, remove, convert, demolish, equip, use or occupy prior to passing a final inspection or maintain any building or structure or cause or permit the same to be done without first obtaining a valid, unrevoked building permit and/or temporary certificate of occupancy or certificate of occupancy as provided in this Code.

Enter, occupy, remain or permit or cause any other person to enter, occupy or remain in any building or structure which has been posted as unfit to occupy until such building or structure has been inspected and been issued a certificate of occupancy pursuant to the provisions of the City Building Code.

Remove or deface any order to stop work or to vacate, which is posted upon any premises, building or structure.

Fail, neglect or refuse to obey any subpoena or final order of the Board of Zoning Adjustment or Board of Appeals or violate any other provision of this Code.

Section [A] 109.4 is amended to read as follows:

[A] 109.4 Violations penalties. Any person, firm, partnership or corporation or any architect, builder, contractor, agent, person or corporation employed in connection therewith who shall violate this Title shall be guilty of a misdemeanor and shall be liable to a fine not exceeding five hundred dollars (\$500.00) and costs or imprisonment for a term not exceeding ninety (90) days or both such fine and imprisonment. Each day such violation shall be permitted to exist shall constitute a separate offense. The owner or owners of any building, structure or premises or part thereof where anything in violation of this Title shall be placed or shall exist and any architect, builder, contractor, agent, person or corporation employed in connection therewith and who have assisted in the commission of any such violation shall be guilty of a separate offense and upon conviction thereof shall be fined as herein above provided.

Section [A] 109.5 is added to read as follows:

[A] 109.5 Stop work orders. Upon notice from the code official work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, to the person doing the work, or posted on the subject property in a conspicuous location. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation

or unsafe condition, shall be subject to penalty in accordance with this Code and the Parkville Municipal Code.

Sections [A] 113.2 through [A] 113.5 are repealed and replaced with the following:

[A] 113.2 Fee Schedule. The fees and refunds for all work shall be as indicated in the *1997 Uniform Administrative Code Tables 3-A, 3-B, 3-C and 3-D* and Parkville Municipal Code Chapter 850: *Building and Construction Fees Parkville Code of Ordinances*.