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20111116 Final 9-2-5 2009 ICC IRC Building Code

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RETURN TO:
City of Bixby
P.O. Box 70
Bixby, Ok 74008

ORDINANCE NO. 2066

AN ORDINANCE AMENDING THE CITY CODE OF THE CITY OF BIXBY, OKLAHOMA, TITLE 9, TITLED "BUILDING AND CONSTRUCTION REGULATIONS"; AMENDING CHAPTER 2, TITLED "BUILDING AND RELATED CODES"; AMENDING SECTION 9-2-1, TITLED "ADOPTION OF CODES BY REFERENCE", TO DELETE A REFERENCE TO THE 2006 INTERNATIONAL RESIDENTIAL CODE"; ADOPTING THE ICC INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, 2009 EDITION; PROVIDING FOR THE REGULATION OF DESIGN, CONSTRUCTION, QUALITY OF MATERIALS, ERECTION, INSTALLATION, LOCATION, REPLACEMENT, REPAIR, ALTERATION, OCCUPANCY, ADDITION, RELOCATION, AND DEMOLITION OR USE OF ONE- AND TWO-FAMILY DWELLINGS AND TOWNHOUSES NOT MORE THAN THREE STORIES IN HEIGHT; PROVIDING FOR THE ADMINISTRATION THEREOF, THE ISSUANCE OF PERMITS, COLLECTION OF FEES, AND MAKING OF INSPECTIONS; PROVIDING FOR APPEALS; PROVIDING DEFINITIONS; PROVIDING FOR THE CLASSIFICATION OF WORK, REPAIRS, LEVELS OF ALTERATIONS, OCCUPANCY, AND ADDITIONS THERETO; PROVIDING THAT THE OPERATIVE DATE OF THIS ORDINANCE SHALL BE JANUARY 1, 2012; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF BIXBY, OKLAHOMA:

Section 1. That Title 9, Bixby City Code, Chapter 2, Section 9-2-1 be and the same is hereby amended to read as follows:

"9-2-1: ADOPTION OF CODES BY REFERENCE:

- A. The city of Bixby, Oklahoma, hereby adopts the 2006 International Building Code, the 2006 International Mechanical Code, the 2006 International Plumbing Code (excluding Article 312.9), the 2006 International Fuel and Gas Code, the 2005 National Electrical Code, and excepting therefrom references alluding to NFPA 1700 et seq.
- B. Bixby, Oklahoma, by this section, recognizing the aforementioned international codes and exceptions, from time to time, acknowledges, in addition to acceptance of such named codes and excepting therefrom NFPA 1700 et seq., its acceptance of revisions of accepted codes unless specifically excepted by future ordinance amendments.

- C. The adoption of the 2005 National Electrical Code shall include addendum to such code providing that receptacles placed in areas where appliances are likely to be utilized, such as kitchen, nook, utility or garage, shall be on circuitry limited to two (2) receptacle outlets." (Ord. 2012, 5-11-2009)

Section 2. That Title 9, Bixby City Code, Chapter 2, Section 9-2-5 and Section 9-2-6 be and the same are hereby enacted to read as follows:

"9-2-5: **ADOPTION OF THE ICC INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, 2009 EDITION** A certain document, three (3) copies of which are on file in the Office of the City Clerk, being marked and designated as the *International Residential Code for One- and Two-Family Dwellings, 2009 Edition (IRC)*, together with Appendix G, as published by the International Code Council (ICC) and as amended and revised by the Oklahoma Uniform Building Code Commission is hereby adopted by the City of Bixby, Oklahoma, for regulating the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of one- and two-family dwellings and townhouses not more than three stories in height in the City of Bixby. Each and all of the terms, conditions, regulations, and provisions of the *International Residential Code, 2009 Edition*, published by the ICC, as amended, on file in the Office of the City Clerk of the City of Bixby are hereby referred to, adopted and made a part of the Bixby City Code, as if fully set out in this Chapter, with its amendments, as prescribed in Section 9-2-6 of this Chapter and, as used in this Chapter 2, may be referred to as the "code."

9-2-6. **AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, 2009 EDITION.** The following provisions of the *International Residential Code for One- and Two-Family Dwellings, 2009 Edition (IRC)*, as amended and revised by the Oklahoma Uniform Building Code Commission, are hereby added, deleted or amended to read as follows:

IRC CHAPTER 1 SCOPE AND ADMINISTRATION

R101.1 Title-Amendatory. These provisions shall be known and may be cited as the Residential Code for One- and Two-Family Dwellings of the City of Bixby" or as the "Bixby Residential Building Code."

IRC CHAPTER 3 BUILDING PLANNING

R302.1, Table R302.1 Exterior Walls--Amendatory. Section R302.1 Table R302.1 Exterior Walls is amended for minimum fire separation distance for walls and projections. Walls have

been changed from five (5) feet to three (3) feet. Projections is from greater than or equal to two (2) feet to five (5) feet to greater than or equal to two (2) feet to three (3) feet.

R311.7.4.1 Riser Heights-Amendatory. Section R311.7.4.1 is amended and requires initial measurements to take place at rough-in and allows for a top and bottom riser height variance at the final inspection. Section R311.7.4.1 is amended to read as follows: "The maximum riser height shall be seven and three-fourths (7-3/4) inches (196 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than three-eighths (3/8) inch (9.5 mm) at rough-in. Top and bottom riser may vary by three fourths (3/4) inch at final inspection, not to exceed seven and three-fourths (7-3/4) of an inch (196mm)."

R313.2 One- and Two-Family Dwellings Automatic Fire Systems-Deleted. Section R313.2 is intentionally deleted from this code, is moved to Appendix R, Automatic Fire Systems and is not adopted as a minimum standard for residential construction within the City of Bixby or within the State of Oklahoma.

R313.2.1 Design and Installation-Deleted. Section R313.2.1 is intentionally deleted from this code, is moved to Appendix R, Automatic Fire Systems and is not adopted as a minimum standard for residential construction within the City of Bixby or within the State of Oklahoma.

R315.1 Carbon Monoxide Alarms-Amendatory. Section R315.1 is amended to include the following Exception: If a residence with an attached garage has a sealed door between the residence and the garage; and no fuel burning appliances in the residence, then carbon monoxide detection shall not be required within the residence.

R323.1 General-Amendatory. Section R323.1 is amended to provide for more than one standard to be utilized to build a storm shelter. This section is amended to read as follows: "This section applies to the construction of storm shelters when constructed as separate detached buildings or when constructed as safe rooms within buildings for the purpose of providing safe refuge from storms that produce high winds, such as tornados and hurricanes. In addition to other applicable requirements in this code, storm shelters shall be constructed in accordance with one of the following: ICC/NSSA 500 or FEMA 320 or other equivalent engineered system."

IRC CHAPTER 4 FOUNDATIONS

R402.2 Concrete-Amendatory. Section R402.2 is amended to include the following Exception: Interior concrete slabs on grade and enclosed garage slabs are not required to be air entrained.

R403.1.6 Foundation Anchorage.-Amendatory. Section R403.1.6 is amended to include the following Exception: Wood sole plates of braced wall panels at building interiors on monolithic slabs may be anchored using connector(s) with a shear capacity of two thousand three hundred

(2300) pounds and a tensile capacity of eight hundred (800) pounds over a maximum span of six (6) feet.

R406.2 Concrete and Masonry Foundation Waterproofing.—Amendatory. Section R406.2 is amended to include an additional option for waterproofing: Bentonite.

IRC CHAPTER 5 FLOORS

R506.2.3 Vapor Retarder.—Amendatory Section R506.2.3 is amended to allow for other industry accepted vapor retarders installed according to the manufacture's specifications. This section is amended to read as follows: "A six (6) mil (0.006 inch; 152 micrometers) polyethylene sheeting, other industry accepted vapor retarder products installed per manufacturer specifications or approved vapor retarder with joints lapped not less than six (6) inches (152 mm) shall be placed between the concrete floor slab and the base course or the prepared subgrade where no base course exists." The remainder of Section R506.2.3, including exceptions, is adopted without modification.

IRC CHAPTER 6 WALL CONSTRUCTION

R602.4 Interior Load-bearing Walls.—Amendatory. Section R602.4 is amended to clarify that Section R602.4 is limited to stud spacing and heights per tables R602.3(5) and R602.3.1. This section is amended to read as follows: "Interior load-bearing walls shall be constructed, framed and 4 fireblocked as specified for exterior walls. Table R602.3(5) shall be used to establish stud spacing of walls up to ten (10) feet (3048 mm) high, and Table R602.3.1 shall apply to walls over ten (10) feet (3048 mm) high."

R602.10.6 Braced Wall Panel Connections—Amendatory. Section 602.10.6 is amended to include the following addition: Wood sole plates of braced wall panels at building interiors on monolithic slabs may be anchored using connector(s) with a shear capacity of twenty-three thousand (2300) pounds and a tensile capacity of eight hundred (800) pounds over a maximum span of six (6) feet.

IRC CHAPTER 7 WALL COVERING

R703.8 Flashing—Amendatory. Section R703.8 is amended to clarify that six (6) mil polyethylene sheeting is an approved corrosion-resistant flashing in certain circumstances. The first paragraph of this section is amended to read as follows: "Approved corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. Six (6) mil polyethylene sheeting is an approved corrosion-resistant flashing when not exposed to UV rays. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall extend to the surface of the exterior wall finish. Approved corrosion-resistant flashings shall be

installed at all of the locations listed in this Section R703.8. The remainder of this section is adopted without modification.

IRC CHAPTER 8 ROOF-CEILING CONSTRUCTION

R801.3 Roof Drainage—Amendatory. Section R801.3 is intentionally deleted from this code.

R802.3 Framing Details—Amendatory. Section R802.3 is amended to provide a definition of a brace and provide an exception to the section. This section is amended to read as follows: "Rafters shall be framed to ridge board or to each other with a gusset plate as a tie. Ridge board shall be at least one (1) inch (25 mm) nominal thickness and not less in depth than the cut end of the rafter. At all valleys and hips there shall be a valley or hip rafter not less than two (2) inch (51 mm) nominal thickness and not less in depth than the cut end of the rafter. Hip and valley rafters shall be supported at the ridge by a brace to a bearing partition or be designed to carry and distribute the specific load at that point." The definition of brace shall include: 1. A triangular configuration of framing members with a horizontal tie and rafter members; and 2. A king post or similar. Where the roof pitch is less than three (3) units vertical in twelve (12) units horizontal (25-percent slope), structural members that support rafters and ceiling joists, such as ridge beams, hips and valleys, shall be designed as beams. Exception: This exception helps address many situations where due to the design, building bracing is not achievable. This exception shall read: The use of a "Blind Valley", also known as a "Farmers Valley" or "California Valley" shall be allowed. In this type of valley the main roof is framed as usual, it may or may not be sheathed and the intersecting roof is framed on top of the main roof. The two valley plates or sleeps lie on top of the main roof rafters or sheathing and provide a nailing base for the jack rafters and ridge board of the intersecting roof

R802.5.1 Purlins—Amendatory. This section is amended to include the following Exception: Braces may be spaced not more than six (6) feet (1829 mm) on center if: 1. the purlin brace is two (2) inch by six (6) inch (51 mm by 153 mm); 2. Purlins shall be sized one nominal size larger than the rafter they support and; 3. Unbraced length of braces shall not exceed eight (8) feet (2438 mm).

IRC CHAPTER 11 ENERGY EFFICIENCY

N1101.9 Certificate—Deleted. Section N1101.9 is intentionally deleted from this code, is moved to Appendix S, Energy Efficiency, and is not adopted as a minimum standard for residential construction within the City of Bixby or within the State of Oklahoma.

N1102.4.3 Fireplaces—Amendatory. Section N1102.4.3 is amended to remove the requirement of gasketed doors. This section is amended to read as follows: "New wood-burning fireplaces shall have outdoor combustion air."

N1103.1.1 Programmable Thermostat–Deleted. Section N1103.1.1 is intentionally deleted from this code.

N1103.2.2 Sealing–Amendatory. Section 1103.2.2 is amended to include the following Exception: Visual inspection may be used instead of the rough-in test and post construction test.

N1103.8.3 Pool Covers–Amendatory. Section 1103.8.3 is amended to remove the requirement for heated pools to have a vapor retardant pool cover on or at the water surface. This section is amended to read as follows: "Pools heated to more than ninety (90) degrees Fahrenheit (32 degrees Celsius) shall have a pool cover with a minimum insulation value of R-12."

N1104.1 Lighting Equipment– Section 1104.1 is amended to include the following Exception: Can or recessed lights shall be exempt from this section of the code."

IRC CHAPTER 15 EXHAUST SYSTEMS

M1502.3 Duct Termination–Amendatory. Section 1502.3 is amended and a requirement that exhaust ducts not terminate within three (3) feet of condensing units has been added. This section is amended to read as follows: "Exhaust ducts shall terminate on the outside of the building. Exhaust duct terminations shall be in accordance with the dryer manufacturer's installation instructions. If the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than three (3) feet (914 mm) in any direction from the openings into buildings. Exhaust duct terminations shall be equipped with a backdraft damper. Additionally, exhaust shall not terminate within three (3) feet (914 mm) of condensing units. Screens shall not be installed at the duct termination."

IRC CHAPTER 24 FUEL GAS

G2406.3 (303.6) Outdoor Locations–Amendatory. Section G2406.3 (303.6) is amended to require that protection for outdoor appliances be approved. This section is amended to read as follows: "Appliances installed in outdoor locations shall be either listed for outdoor installation or provided with approved protection from outdoor environmental factors that influence the operability, durability and safety of the appliance."

Table G2413.4(3) [402.4(7)] Semi-rigid Copper Tubing–Deleted. Table G2413.4(3) [402.4(7)] is intentionally deleted from this code.

Table G2413.4(4) [402.4(10)] Semi-rigid Copper Tubing–Deleted. Table G2413.4(4) [402.4(10)] is intentionally deleted from this code.

G2414.5.2 (403.5.2) Copper Tubing– Amendatory Section G2414.5.2 (403.5.2) is amended to read as follows: "Copper tubing shall be prohibited for natural gas installations, but shall be allowed for liquefied petroleum gas installations."

G2417.7 (406.7) Purging. Purging of Piping shall Comply with Sections G2417.7.1 through G2417.7.4-Amendatory. Sections G2417.7.1 through G2417.7.4 are amended. International Code Council Emergency Amendment, dated September 27, 2010, has been adopted. This amendment replaces Section G2417.7 in its entirety. Sections G2417.7.1 through G2417.7.4 are amended to read as follows:

G2417.7 Purging Requirements-Amendatory. The purging of piping shall be in accordance with Sections 406.7.1 through 406.7.3.

G2417.7.1 Piping Systems Required to be Purged Outdoors-Amendatory. The purging of piping systems shall be in accordance with the provisions of Sections 406.7.1.1 through 406.7.1.4 where the piping system meets either of the following:

1. The design operating gas pressure is greater than two (2) psig.
2. The piping being purged contains one or more sections of pipe or tubing greater than two (2) inches in nominal size and exceeding the lengths in Table 406.7.1.1.

G2417.7.1.1 Removal from Service-Amendatory. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with Section 406.7.1.3. Where gas piping meeting the criteria of Table 406.7.1.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.

IRC Table G2417.7.1.1

SIZE AND LENGTH OF PIPING NOMINAL PIPE SIZE (INCHES)	LENGTH OF PIPING (FEET)
2 ½	> 50
3	> 30
4	> 15
6	> 10
8 or larger	Any length

For SI units: 1 inch = 25.4mm; 1 ft =304.8mm.

G2417.7.1.2 Placing in Operation-Amendatory. Where gas piping containing air and meeting the criteria of Table 406.7.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas. The inert gas shall then be displaced with fuel gas in accordance with Section 406.7.1.3.

G2417.7.1.3 Outdoor Discharge of Purged Gases-Amendatory. The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements:

1. The point of discharge shall be controlled with a shutoff valve.

2. The point of discharge shall be located at least ten (10) feet from sources of ignition, at least ten (10) feet from building openings and at least twenty-five (25) feet from mechanical air intake openings.
3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustible gas indicator that complies with Section 406.7.1.4.
4. Purging operations introducing fuel gas shall be stopped when ninety percent (90%) fuel gas by volume is detected within the pipe.
5. Persons not involved in the purging operations shall be evacuated from all areas within 10 ft of the point of discharge.

G2417.7.1.4 Combustible Gas Indicator-Amendatory. The combustible gas indicator used during purging operations shall be listed and shall be calibrated in accordance with the manufacturer's instructions and recommended schedule. The combustible gas indicator used for pipe discharge monitoring shall numerically display a volume scale from zero percent to one hundred per cent (0% to 100%) with a resolution of not greater than one per cent (1%) increments.

G2417.7.2 Piping Systems Allowed to be Purged Indoors or Outdoors-Amendatory. The purging of piping systems shall be in accordance with the provisions of Section 406.7.2.1 where the piping system meets both of the following:

1. The design operating gas pressure is two (2) psig or less.
2. The piping being purged is constructed entirely from pipe or tubing of two (2) inch nominal size or smaller or larger size pipe or tubing with lengths shorter than specified in Table 406.7.1.1.

G2417.2.1 Purging Procedure-Amendatory. The piping system shall be purged in accordance with one or more of the following:

1. The piping shall be purged with fuel gas and shall discharge to the outdoors.
2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition.
3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose.
4. The piping shall be purged with fuel gas that is discharged to the indoors or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with Section 406.7.2.2. Purging shall be stopped when fuel gas is detected.
5. The piping shall be purged by the gas supplier in accordance with written procedures.

G2417.7.2.2 Combustible Gas Detector-Amendatory. The combustible gas detector used during purging operations shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions and recommended schedule. The combustible gas detector used for pipe discharge monitoring shall indicate the presence of fuel gas.

G2417.7.3 Purging Appliances and Equipment-Amendatory. After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.

IRC CHAPTER 25 PLUMBING ADMINISTRATION

P2503.4 Building Sewer Testing-Amendatory. Section P2503.4 is amended to note that the building sewer test is only necessary when the local authority having jurisdiction requires the testing to be done. This section is amended to read as follows: "When required by the building official, the building sewer shall be tested by insertion of a test plug at the point of connection with the public sewer and filling the building sewer with water, testing with not less than ten (10)-foot (3048 mm) head of water and be able to maintain such pressure for fifteen (15) minutes.

P2503.6 Shower Liner Test-Amendatory. Section P2503.6 is amended to require a shower liner test at the plumbing final inspection. This section is amended to read as follows: "Where shower floors and receptors are made water tight by the application of materials required by Section P2709.2, the completed liner installation shall be tested at plumbing final inspection. The pipe from the shower drain shall be plugged water tight for the test. The floor and receptor area shall be filled with potable water to a depth of not less than two (2) inches (51 mm) measured at the threshold. Where a threshold of at least two (2) inches high does not exist, a temporary threshold shall be constructed to retain the test water in the lined floor or receptor area to a level not less than two (2) inches deep measured at the threshold. The water shall be retained for a test period of not less than fifteen (15) minutes and there shall be no evidence of leakage."

P2503.7 Water-Supply System Testing-Amendatory. Section P2503.7 is amended to delete the word "plastic" and replace it with the terms "PVC" and "CPVC." This section is amended to read as follows: "Upon completion of the water-supply system or a section of it, the system or portion completed shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, for piping systems other than PVC or CPVC, by an air test of not less than fifty (50) psi (345kPa). This pressure shall be held for not less than fifteen (15) minutes. The water used for tests shall be obtained from a potable water source.

IRC CHAPTER 26 GENERAL PLUMBING REQUIREMENTS

P2603.6.1 Sewer Depth-Amendatory. Section P2603.6.1 is amended to include a depth for the septic tank connection unless otherwise approved by the building official. This section is amended to read as follows: "Building sewers that connect to private sewage disposal systems shall be a minimum of twelve (12) inches (305 mm) or as approved by the authority having

jurisdiction below finished grade at the point of septic tank connection. Building sewers shall be a minimum of twelve (12) inches (305 mm) below grade."

IRC CHAPTER 27 PLUMBING FIXTURES

P2704.1 General—Amendatory. Section P2704.1 is amended to allow installation of slip joints anywhere between the fixture and trap outlet. This section is amended to read as follows: "Slip joints shall be made with an approved elastomeric gasket and shall be installed from fixture to trap outlet. Fixtures with concealed slip-joint connections shall be provided with an access panel or utility space at least twelve (12) inches (305 mm) in its smallest dimension or other approved arrangement so as to provide access to the slip connections for inspection and repair."

P2709.2 Lining Required— Amendatory. Section P2709.2 is amended and is applicable only where required. The first paragraph of this section is amended to read as follows: "Where required, the adjoining walls and floor framing enclosed on-site built-up shower receptors shall be lined with one of the materials listed in this code." The remainder of this section is adopted without amendment.

P2715.1 Laundry Tub Waste Outlet.—Amendatory. Section P2715.1 is amended so that the word "tub" is replaced with the word "tray". This section is amended to read as follows: "Each compartment of a laundry tray shall be provided with a waste outlet not less than one and one-half (1-1/2) inches (38 mm) in diameter and a strainer or crossbar to restrict the clear opening of the waste outlet."

IRC CHAPTER 28 WATER HEATERS

P2801.5 Required Pan—Amendatory. Section P2801.5 is amended to specify that a pan is required for tank type water heaters or hot water storage tanks only. This section is amended to read as follows: "Where tank type water heaters or hot water storage tanks are installed in locations where leakage of the tanks or connections will cause damage, the tank or water heater shall be installed in a galvanized steel pan having a material thickness of not less than 0.0236 inch (0.6010 mm) (No 24 gage), or other pans approved for such use. Listed pans shall comply with CSA LC3."

P2803.1 Relief Valves Required—Amendatory. Section P2803.1 is amended to specify that relief valve requirements and specifications in this section shall be for tank type appliances and equipment only. The first paragraph of this section is amended to read as follows: "Tank type appliances and equipment used for heating water or storing hot water shall be protected utilizing the options listed in this code, Section P2803.1." The remainder of this section is adopted without modification.

IRC CHAPTER 29 WATER SUPPLY AND DISTRIBUTION

P2902.5.3 Lawn Irrigation Systems—Amendatory. Section P2902.5.3 is amended to add a spill resistant backflow preventer as an option for protection. This section is amended to read as follows: "The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure-type vacuum breaker or a spill resistant backflow preventer. A valve shall not be installed down-stream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer."

P2903.8.6 Hose Bibb Bleed—Amendatory. Section P2903.8.6 is amended to specify it is only applicable when the building official requires it. This section is amended to read as follows: "Where the building official requires it, a readily accessible air bleed shall be installed in hose bibb supplies at the manifold or at the hose bibb exit point."

P2903.9.1 Service Valve—Amendatory. Section P2903.9.1 amended to strike the provision for drainage such as a bleed orifice or installation of a separate drain valve. This section is amended to read as follows: "Each dwelling unit shall be provided with an accessible main shutoff valve near the entrance of the water service. The valve shall be of a full-open type having nominal restriction to flow. Additionally, the water service shall be valved at the curb or property line in accordance with local requirements."

P2903.10 Hose Bibb—Amendatory. Section P2903.10 is amended to strike the requirement of a stop and waste type valve and the exception. This section is amended to read as follows: "Hose bibbs subject to freezing, including the "frost-proof" type, shall be equipped with an accessible valve inside the building so that they can be controlled and/or drained during cold periods."

P2904.1 General—Amendatory. Section P2904.1 is amended to read as follows: "Where installed, residential fire sprinkler systems, or portions thereof, shall be in accordance with NFPA 13D."

P2904.1.1 through P2904.8.2 Dwelling Unit Fire Sprinkler System Provisions and Tables P2904.6.2(1) through P2904.6.2(9)—Deleted. Sections P2904.1.1 through Section P2904.8.2 and tables P2904.6.2(1) through P2904.6.2(9) are intentionally deleted from this code.

P2905.4 Water Service Pipe—Amendatory. Section P2905.4 is amended to require piping materials which are not third-party certified for water distribution to terminate at least thirty (30) inches outside of the exterior wall. Section P2905.4 is also amended to strike the requirement that termination be before the full open valve located at the entrance to the structure. This section is amended to read as follows: "Water service pipe shall conform to NSF 61 and shall conform to one of the standards listed in Table P2905.4. Water service pipe or tubing, installed underground and outside of the structure shall have a minimum working pressure rating of one hundred sixty 160 pounds per square inch at seventy-three (73) degrees Fahrenheit (1103 kPa at 23 degrees

Celsius). Where the water pressure exceeds one hundred sixty (160) pounds per square inch, (1103 kPa), piping material shall have a rated working pressure equal to or greater than the highest available pressure. Water service piping materials which are not third-party certified for water distribution shall terminate at least thirty (30) inches outside the exterior wall. Ductile iron water service piping shall be cement mortar lined in accordance with AWWA C104.

Table P2905.4 Water Service Pipe—Amendatory. Table P2905.4 is amended so that asbestos-cement pipe is deleted from this code.

IRC CHAPTER 30 SANITARY DRAINAGE

P3003.2 Prohibited Joints—Amendatory. Section P3003.2 is amended to include the following Exception: Saddle-type fittings may be used to connect the building sewer to a public sewer.

P3008.1 Sewage Backflow—Amendatory. Section P3008.1 is amended to delete requirements that plumbing fixtures having flood level rims above the elevation of the next upstream manhole cover in the public sewer system not discharge through a backwater valve. This section is amended to read as follows: "Where the flood level rims of plumbing fixtures are below the elevation of the manhole cover of the next upstream manhole in the public sewer, the fixtures shall be protected by a backwater valve installed in the building drain, branch of the building drain or horizontal branch servicing such fixtures."

IRC CHAPTER 31 VENTS

P3103.4 Prohibited Use—Amendatory. Section P3103.4 is amended by deleting the exception for when piping has been anchored in an approved manner. This section is amended to read as follows: "Vent terminals shall not be used as a flag pole or to support flag poles, TV aerials, or similar items."

IRC CHAPTER 34 GENERAL REQUIREMENTS

E3402.2 Penetrations of Fire-Resistance-Rated Assemblies—Amendatory. Section E3402.2 is amended to correct the reference section cited from R317.3 to R302.4.1. This section is amended to read as follows: "Electrical installations in hollow spaces, vertical shafts and ventilation or air-handling ducts shall be made so that the possible spread of fire products of combustion will not be substantially increased. Electrical penetrations through fire-resistance rated walls, partitions, floors or ceilings shall be protected by approved methods to maintain the fire-resistance-rating of the element penetrated. Penetrations of fire-resistance-rated walls shall be limited as specified in Section R302.4.1 of this code.

E3403.3 Listing and Labeling—Amendatory. Section 3403.3 is amended to comply with NFPA 70. This section is amended to read as follows: "Electrical materials, components, devices, fixtures and equipment shall be listed for the application, in accordance with NFPA 70, shall

bear the label of an approved agency and shall be installed, and used, or both, in accordance with the manufacturer's installation instructions."

IRC CHAPTER 40 DEVICES AND LUMINAIRES

E4002.14 Tamper-resistant Receptacles—Amendatory. Section E4002.14 is amended to include the following Exceptions:

Exceptions: Receptacles in the following locations shall not be required to be tamper-resistant:

- (1) Receptacles located more than five and one-half (5-1/2) feet (1.7m) above the floor.
- (2) Receptacles that are part of a luminaire or appliance.
- (3) A single receptacle or a duplex receptacle for two (2) appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected.
- (4) Non-grounding receptacles used for replacement.

Appendix G-Added. The following appendix of the *International Residential Code for One- and Two-Family Dwellings*, 2009 Edition is specifically referred to, adopted and made a part of this code, as if fully set out in this chapter, with the amendments thereto:

APPENDIX G SWIMMING POOLS, SPAS AND HOT TUBS

Appendices A, B, C, D, F, H, I, J, K, L, M, N, O, P, Q-Deleted. The following appendices of the *International Residential Code for One- and Two-Family Dwellings*, 2009 Edition are specifically deleted and omitted from code:

APPENDIX A	SIZING AND CAPACITIES OF GAS PIPING
APPENDIX B	SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES, AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS
APPENDIX C	EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS
APPENDIX D	RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION
APPENDIX E	MANUFACTURED HOUSING USED AS DWELLINGS
APPENDIX F	RADON CONTROL METHODS

APPENDIX H	PATIO COVERS
APPENDIX I	PRIVATE SEWAGE DISPOSAL
APPENDIX J	EXISTING BUILDINGS AND STRUCTURES
APPENDIX K	SOUND TRANSMISSION
APPENDIX L	PERMIT FEES
APPENDIX M	HOME DAY CARE-R-3 OCCUPANCY
APPENDIX N	VENTING METHODS
APPENDIX O	GRAY WATER RECYCLING SYSTEMS
APPENDIX P	SIZING OF WATER PIPING SYSTEM
APPENDIX Q	ICC INTERNATIONAL RESIDENTIAL CODE ELECTRICAL PROVISIONS/NATIONAL ELECTRICAL CODE CROSS-REFERENCE"

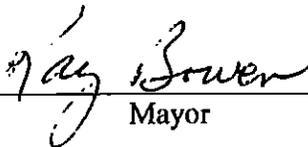
Section 3. SEVERABILITY CLAUSE. If any section, sentence, clause or phrase of this ordinance or any part thereof is for any reason found to be invalid by a court of competent jurisdiction, such decision shall not affect the validity of the remainder of this ordinance or any part thereof.

Section 4. REPEAL OF CONFLICTING ORDINANCES. That all ordinances or parts of ordinances in conflict herewith be and the same are now expressly repealed.

Section 5. OPERATIVE CLAUSE. Following passage of this ordinance by the City Council, with separate approval of its Emergency Clause, this ordinance shall be operative on and after January 1, 2012.

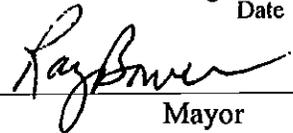
Section 6. EMERGENCY CLAUSE. That an emergency is hereby declared to exist for the preservation of the public peace, health and safety and, more particularly, to expedite the protection of citizens housed in one-and two- family dwellings, by reason whereof this ordinance shall take effect immediately from and after its passage and approval.

ADOPTED by the Council: 11-28-11
Date



Mayor

ADOPTED as an Emergency Measure ruled upon separately and approved by an affirmative vote of at least four-fifths (4/5) of the City Council: 11-28-11
Date



Mayor



PTB
APPROVED: Jacqueline Scott
City Clerk

Paul A. Decker
City Attorney