

(Published in the Topeka Metro News April 23, 2008)

ORDINANCE NO. 19070

AN ORDINANCE introduced by City Manager Norton N. Bonaparte, Jr., concerning the Uniform Plumbing Code, repealing City of Topeka Code Chapter 26, Division 1 and Division 2, §§ 406 to 445.16.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF TOPEKA, KANSAS:

Section 1. That § 26-406 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Administrative authority designated.~~

~~Whenever the term "administrative authority" is used in this article it shall be construed to mean the development services division director and shall include any authorized representatives.~~

Section 2. That § 26-407 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Violators to be prosecuted.~~

~~When any plumbing system is maintained in violation of this article and in violation of any notice issued pursuant to the provisions of this article, or where a nuisance exists in any building or on any lot on which a building is situated, the administrative authority shall institute any appropriate action or proceeding in any court of competent jurisdiction to prevent, restrain, correct or abate the violation or nuisance.~~

Section 3. That § 26-408 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Scope.~~

~~The provisions of this article shall apply to all new construction, relocated buildings, and to any alterations, repairs or reconstruction, except as provided for otherwise in this article.~~

30 Section 4. That § 26-409, Uniform Plumbing Code—Adopted, of the Code of
31 the City of Topeka, Kansas, is hereby repealed:

32 ~~**Uniform Plumbing Code—Adopted.**~~

33 ~~(a) — There is hereby adopted by reference the Uniform Plumbing Code, 2000~~
34 ~~Edition, as published by the International Association of Plumbing and Mechanical~~
35 ~~Officials. The 2000 Illustrated Training Manual, as published by the International~~
36 ~~Association of Plumbing and Mechanical Officials, shall be used as a reference manual~~
37 ~~for the city.~~

38 ~~(b) — The following appendixes are hereby adopted as part of this article:~~

39 ~~Appendix A—Recommended Rules for Sizing the Water Supply System~~

40 ~~Appendix B—Explanatory Notes on Combination Waste and Vent Systems~~

41 ~~Appendix C—Sizing of Category I Venting Systems~~

42 ~~Appendix D—Sizing Stormwater Drainage Systems~~

43 ~~Appendix E—Manufactured/Mobile Home Parks and Recreational Vehicle Parks~~

44 ~~Appendix G—Graywater Systems for Single-family Dwellings~~

45 ~~Appendix H—Recommended Procedures for Design, Construction and~~
46 ~~Installation of Commercial Kitchen Grease Interceptors~~

47 ~~Appendix I—Installation Standards~~

48 ~~Appendix J—Reclaimed Water Systems for Non-Residential Buildings~~

49 ~~Appendix K—Private Sewage Disposal Systems~~

50 Section 5. That § 26-410 of the Code of the City of Topeka, Kansas, is hereby
51 repealed:

52 ~~**Same--Copies on file in clerk's office.**~~

53 ~~At least one copy of the Uniform Plumbing Code as adopted shall be on file with~~
54 ~~the city clerk to be available for inspection by the public at all reasonable business~~
55 ~~hours. The police department, municipal court and all administrative departments of the~~
56 ~~city charged with the duty of enforcement of this article shall be supplied, at the cost of~~
57 ~~the city, such a number of copies of the code as may be deemed expedient by the~~
58 ~~development services director.~~

59 Section 6. That § 26-421 of the Code of the City of Topeka, Kansas, is hereby
60 repealed:

61 **~~Generally.~~**

62 ~~The amendments to the Uniform Plumbing Code adopted herein shall be as set~~
63 ~~out in this division. All references to section and chapter numbers in the text of this~~
64 ~~division shall be construed as if followed by the words "of the Uniform Plumbing Code,"~~
65 ~~unless clearly indicated to the contrary.~~

66 Section 7. That § 26-421.1 of the Code of the City of Topeka, Kansas, is
67 hereby repealed:

68 **~~Section 101.4.1.4, conflicts between codes.~~**

69 ~~Section 101.4.1.4, conflicts between codes, is hereby amended to read as~~
70 ~~follows:~~

71 ~~*Conflicts between codes.* When the requirements within the jurisdiction of this~~
72 ~~plumbing code conflict with the requirements of any other code, the more restrictive~~
73 ~~code shall prevail.~~

74 Section 8. That § 26-422 of the Code of the City of Topeka, Kansas, is hereby
75 repealed:

76 **~~Section 101.5.6, moved buildings.~~**

77 ~~Sec. 101.5.6, moved buildings, is hereby amended to read as follows:~~

78 ~~*Moved buildings.* Plumbing systems, which are part of moved residential~~
79 ~~structures moved within this jurisdiction shall comply with the provisions of the housing~~
80 ~~code, City of Topeka Code § 82-31 et seq. as may be amended.~~

81 Section 9. That § 26-423 of the Code of the City of Topeka, Kansas, is hereby
82 repealed:

83 **~~Section 103.1.2, work not requiring a permit.~~**

84 ~~Section 103.1.2, work not requiring a permit, is hereby amended to read as~~
85 ~~follows:~~

86 ~~*Work not requiring a permit.* No permit shall be required in the following types of~~
87 ~~repair work:-~~

88 ~~(a) Minor repairs of leaks in drain, waste and vent piping. Should it become necessary~~
89 ~~to replace sections of piping exceeding five (5) feet in length, it shall be considered as~~
90 ~~"new work" and a permit shall be procured and inspections made as required as per the~~
91 ~~Uniform Plumbing Code.~~

92 ~~(b) Opening of drains and sewers.~~

93 ~~(c) Repair of leaks in water piping and valves. Should it become necessary to replace~~
94 ~~sections of piping exceeding five (5) feet in length, a permit shall be procured and~~
95 ~~inspection made.~~

96 ~~(d) Replacement of faucets and plumbing fixtures common to all bathrooms and~~
97 ~~residential kitchens.~~

98 Section 10. That § 26-423.1 of the Code of the City of Topeka, Kansas, is

hereby repealed:

~~Section 103.4, fees.~~

~~Section 103.4 of the Uniform Plumbing Code, 2000 Edition, Fees, is hereby repealed.~~

Section 11. That § 26-425 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Table 14-1, plumbing material standards.~~

~~The following is hereby deleted from Uniform Plumbing Code, Chapter 14, Table 14-1, Plumbing Material Standards:~~

~~Plastic, PB~~

~~Polybutylene (PB) plastic pipe based on outside diameter~~

~~Polybutylene piping~~

~~Metal insert fittings for Polybutylene (PB) tubing~~

~~Chapter 14, Table 14-1, is amended with the addition of the following language:~~

~~Equipment used to soften or condition the potable water in a structure, shall be tested and listed by an agency recognized by the International Association of Plumbing and Mechanical Officials.~~

Section 12. That § 26-425.1 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Chapter 2.~~

~~Chapter 2, definitions, is hereby amended by the addition of the following language:~~

~~*Lawn irrigation contractor.* Person in the business of installing or servicing lawn~~

122 irrigation systems. This includes the extension, alteration, or maintenance of residential,
123 commercial or industrial lawn irrigation systems.

124 ~~Toilet facility.~~ A restroom consisting of one water closet and one lavatory.

125 ~~Water softening/conditioning unit.~~ An appliance or fixture that does not become
126 a fixed part of a structure, designed to treat water as to remove mineral, chemical or
127 bacterial content. These units shall be tested and listed by an agency recognized by the
128 International Association of Plumbing and Mechanical Officials.

129 ~~Water softening/conditioning contractor.~~ Person in the business of installing or
130 servicing water softening/conditioning units. This includes the extension, alteration,
131 exchanging or maintenance of residential, commercial and industrial water conditioning
132 units.

133 Section 13. That § 26-426 of the Code of the City of Topeka, Kansas, is hereby
134 repealed:

135 **~~Section 315.4, excavations.~~**

136 Section 315.4, excavation, is hereby amended to read as follows:

137 All excavations shall be completely backfilled as soon after inspection as
138 possible. To ensure adequate bedding of piping and to prevent damage to such piping,
139 trenches shall be backfilled in thin layers to twelve (12) inches above the top of the
140 piping with clear earth which shall not contain stones, boulders, cinderfill or other
141 materials which would damage or break the piping or cause corrosive action.
142 Mechanical devices such as bulldozers, graders, etc., may then be used to complete
143 backfill to grade. Fill shall be properly compacted under sidewalks, parking lots,
144 driveways and similar situations. Mounding of sewers without compaction is an

acceptable practice in open yards. Approved material for pipe bedding of plumbing
groundwork and sanitary sewers shall be 1/4 inch washed rock or material of similar
size. Sand is not an approved material.

Section 14. That § 26-426.5 of the Code of the City of Topeka, Kansas, is
hereby repealed:

~~Section 316.1.6, solvent cement plastic pipe joints.~~

Section 316.1.6, solvent cement plastic pipe joints, is hereby amended to read as
follows:

~~Solvent Cement Plastic Pipe Joints.~~

One step cements for non-pressure PVC, Drain, Waste and Vent piping that
comply with the requirements in ASTM D2564-96(a), ASTM F493-92 and ASTM F656-
96(a) may be used without the use of primer.

Section 15. That § 26-427 of the Code of the City of Topeka, Kansas, is hereby
repealed:

~~Section 405.2, connections.~~

Section 405.2, connections, is hereby amended to read as follows:

~~Connections.~~ Fixtures having concealed slip joint connections shall be provided
with a framed area no less than 12" x 18" to be used for access. This area may be
covered with wallboard, paneling, or other interior wall finishes.

Section 16. That § 26-428 of the Code of the City of Topeka, Kansas, is hereby
repealed:

~~Section 412.1, floor drains.~~

Section 412.1, floor drains, is hereby amended to read as follows:

~~Floor drains shall be considered plumbing fixtures and each such drain shall be provided with an approved type strainer having a waterway equivalent to the area of the tailpiece. Floor drains, floor receptors, and shower drains shall be of an approved type, vented properly and suitably flanged to provide a watertight joint in the floor.~~

~~*Special provisions:* In group "R" occupancies, individual floor drains shall not be required to vented, unless the length of the trap arm exceeds fifteen (15) feet from a vented line. In all other occupancies, individual floor drains shall not be required to be vented unless the length of the trap arm exceeds 15 feet from a vented line with a maximum of four (4) unvented floor drains per building waste system. When combination waste and vent systems are being utilized, this provision shall not apply.~~

Section 17. That § 26-428.2 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Table 4-1, minimum plumbing facilities.~~

~~Table 4.1, minimum number of required fixtures, is hereby amended to read as follows:~~

~~*Minimum plumbing fixtures.*~~

~~Minimum number of required fixtures shall be governed by the Uniform Building Code, 1997 edition, Volume 1, Appendix Chapter 29 and City of Topeka Code § 26-160.~~

Section 18. That § 26-429 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 510.7, water heater pans.~~

~~Section 510.7 is hereby amended by the addition of the following language:~~

~~The pans shall be made of plastic or other non-corrosive material. Galvanized~~

~~steel pans shall be lined with plastic or other material to prevent corrosion of the pan.~~
~~The minimum size of the pan shall be 24 inches square or 24 inches in diameter with a~~
~~minimum two-inch lip.~~

Section 19. That § 26-429.05 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 510.8, relief valve discharge.~~

~~Section 510.8, relief valve discharge, is hereby specifically repealed.~~

Section 20. That § 26-429.1 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Table 5-2.~~

~~Table 5-2, is hereby amended by the addition of the following language:~~

TABLE INSET:

Column 1 Building of Ordinary Tightness		Column II Building of Unusually Tight Construction	
2. Part of air from inside building	Provide one opening or one vertical duct or one horizontal duct in the enclosure; 1 sq. in. per 3,000 Btu/h input rating.*	-	5. Provide opening for one vertical duct or one horizontal duct in the enclosure; 1 sq. in. per 3,000 Btu/h input rating.*

~~*Exception: When all air is taken from the outdoors for an appliance with a minimum clearance of one (1) inch (25 mm) on the sides and back and six (6) inches (152 mm) on the front, one opening shall be permitted and located within the upper twelve (12) inches (305 mm) of the enclosure.~~

Section 21. That § 26-430 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 603.3.4, backflow testing access.~~

~~Section 603.3.4, backflow testing access, is hereby amended to read as follows:~~

~~Access and clearance shall be provided for the required testing, maintenance and repair. Access and clearance shall require a minimum of one (1) foot between the lowest portion of the assembly and grade, floor or platform. Administrative approval is required before backflow devices are installed at an elevation of six (6) feet or more above the floor or grade.~~

Section 22. That § 26-430.3 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 603.4.6, Protection from lawn sprinklers and irrigations systems.~~

~~603.4.6.1 Potable water supplies to systems having no pumps or connections for pumping equipment, and no chemical injection or provisions for chemical injection, shall be protected from backflow by one of the following devices:-~~

- ~~1. Atmospheric vacuum breaker~~
- ~~2. Pressure vacuum breaker~~
- ~~3. Reduced pressure backflow preventer~~
- ~~4. Approved double-check valve assembly~~

~~603.4.6.2 Where sprinkler and irrigation systems have pumps, connections for pumping equipment, auxiliary air tanks or are other wise capable of creating back-pressure, the potable water supply shall be protected by the following type of device if the backflow device is located upstream from the source of back-pressure.~~

230 1. ~~Reduced pressure backflow preventer~~

231 ~~603.4.6.3 Where systems have a backflow device installed downstream from a~~
232 ~~potable water supply pump or a potable water supply pump connection, the device shall~~
233 ~~be one of the following:-~~

234 1. ~~Atmospheric vacuum breaker~~

235 2. ~~Pressure vacuum breaker~~

236 3. ~~Reduced pressure backflow preventer~~

237 ~~603.4.6.4 Where systems include a chemical injector or any provisions for~~
238 ~~chemical injection, the potable water supply shall be protected by the following:-~~

239 1. ~~Reduced pressure backflow preventer~~

240 Section 23. That § 26-430.5 of the Code of the City of Topeka, Kansas, is
241 hereby repealed:

242 **~~Section 603.4.13, potable water supply to carbonators.~~**

243 ~~Section 603.4.13, potable water supply to carbonators, is hereby amended to~~
244 ~~read as follows:~~

245 ~~Potable water supply to carbonators shall be protected by a listed reduced~~
246 ~~pressure principle backflow preventer as approved by the Administrative Authority for~~
247 ~~the specific use.~~

248 Section 24. That § 26-431 of the Code of the City of Topeka, Kansas, is hereby
249 repealed:

250 **~~Table 6-4, number of fixture units.~~**

251 ~~Table 6-4, number of fixture units, is hereby amended by the addition of the~~
252 ~~following language:~~

253 TABLE INSET:

—	Private Use —	Public Use —
Clotheswashers (each pair of faucets) —	2 —	4 —
Lawn Sprinkler, (each head) 4, 8 —	—	—

254 8. ~~The water supply for lawn sprinkler systems, which includes the main water service,~~
255 ~~shall be sized by the gallons per minute (GPM) required per head using Appendix A.~~

256 Section 25. That § 26-432 of the Code of the City of Topeka, Kansas, is hereby
257 repealed:

258 **~~Section 605.2, building control valve.~~**

259 ~~Section 605.2, building control valve, is hereby amended with the addition of the~~
260 ~~following language:~~

261 ~~*Building control valve.* All buildings shall have an accessible fullway valve~~
262 ~~immediately inside the structure or basement controlling all outlets within the structure.~~
263 ~~This valve maybe enclosed if the access panel can be removed without use of tools.~~

264 Section 26. That § 26-432.1 of the Code of the City of Topeka, Kansas, is
265 hereby repealed:

266 **~~Section 605.5, water control valves.~~**

267 ~~Section 605.5, water control valves, is hereby amended by the addition of the~~
268 ~~following language:~~

269 ~~*Water control valves.*~~—~~~~

270 ~~Bypass valves installed on water softeners shall be a fullway type with working~~
271 ~~parts of non-corrosive materials.~~

272

Section 27. That § 26-432.2 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 606.1.2, mechanical joints.~~

~~Section 606.1.2, mechanical joints, is hereby amended with the addition of the following language:~~

~~*Mechanical joints.—*~~

~~Mechanical joints for cast iron water pipe shall conform to nationally recognized standards. Compression mechanical joints for copper water services shall be constructed of brass, have rubber or brass compression ring and a brass retaining screw and shall meet ASTM B62 specifications.~~

Section 28. That § 26-433 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 608.2, excessive water pressure.~~

~~Section 608.2, excessive water pressure, is hereby amended to read as follows:~~

~~*Section 608.2, Excessive water pressure.—*~~

~~Where local water pressure is in excess of eighty-five (85) pounds per square inch, an approved type pressure regulator preceded by an adequate strainer shall be installed and the pressure reduced to eight five (85) pounds per square inch or less. For potable water services up to and including one and one-half (1 1/2) inch (38.1 mm) regulators, provisions shall be made to prevent pressure on the building side of the regulator from exceeding main supply pressure. Approved regulators with integral bypass are acceptable. Each such regulator and strainer shall be accessibly located and shall have the strainer readily accessible for cleaning without removing the~~

regulator or strainer body or disconnecting the supply piping. All pipe size determinations shall be based on eighty (80) percent of the reduced pressure.

Section 29. That § 26-433.2 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 610.2, water softener installations.~~

Section 610.2, water softener installations, is hereby amended with the addition of the following language:

~~Water softener installations.—~~

~~Licensed individuals working in the water softening/conditioning trade, shall be allowed to install potable water lines to those devices. The length of the piping shall not exceed ten (10) feet horizontally for each connection plus the vertical drop to the fixture. Piping from the water softener/conditioner to any fixture shall be done by a licensed plumbing contractor.~~

Section 30. That § 26-433.5 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 610.5, alternate method of sizing water piping, appendix L.~~

Section 610.5, Alternate method of sizing water piping, Appendix L, is hereby repealed.

Section 31. That § 26-434 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 610.8, size of meter and building supply using Table 6-5.~~

~~Size of meter and building supply pipe using Table 6-5.—~~

Section 610.8, size of meter and building supply pipe using Table 6-5, is hereby

amended by the addition of the following language:

~~Size of meter and building supply pipe using Table 6-5. No building supply shall be less than three-quarter (3/4) inch (19.1 mm) in diameter. Houses or apartments that are one thousand (1,000) square feet in area or larger shall have a minimum one (1) inch (25.4 mm) water meter and service line.~~

~~In residential remodeling a maximum of twenty eight (28) fixture units will be allowed to be connected to an existing three-quarter (3/4) inch (19.1 mm) domestic water service.~~

Section 32. That § 26-434.5 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 703.3, alternate method of sizing drainage piping, appendix L.~~

~~Section 703.3 of the Uniform Plumbing Code, 2000 Edition, Alternate method of sizing drainage piping, Appendix L, is hereby specifically repealed.~~

Section 33. That § 26-435 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 707.4, urinal cleanouts.~~

~~Section 707.4, Urinal cleanouts, is hereby amended by the addition of the following language:~~

~~*Exception:—*~~

~~(5) A cleanout shall be installed above the flood level rim of all urinals with integral traps.~~

Section 34. That § 26-435.5 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 705.1, types of joints.~~

~~Section 705.1, types of joints, is hereby amended by the addition of the following language:~~

~~ETCO "T" Cone and Coupling Adapters. The use of this type of clay tile to plastic adapter is limited to sanitary sewer installations and may only be used for the connection of the building sewer to the clay tile sewer main wye or tap. The joint and connecting pipe shall be installed at no more than 22 degrees from the horizontal and shall be laid on undisturbed ground or a firm bed of 1/4" crushed rock or similar material.~~

~~Section 35. That § 26-437 of the Code of the City of Topeka, Kansas, is hereby repealed:~~

~~Section 712.2, water test.~~

~~Section 712.2, water test, is hereby amended to read as follows:~~

~~*Water test.*~~

~~Water test for drain, waste and vent. The water test shall be applied to the drainage and vent system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system filled with water to a point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest opening of the section under test, and each section shall be filled with water, but no section shall be tested with less than a five (5) foot (1.5 m) head of water. In testing successive sections, at least the upper five (5) feet (1.5 m) of the next preceding section shall be tested, so that no joint or pipe in the building (except the uppermost five (5) feet (1.5 m) of the system) shall be~~

submitted to a test of less than five (5) foot (1.5 m) head of water. The water test shall be kept in the system, or in the portion under test, for at least fifteen (15) minutes before the inspection starts. The system shall then be tight at all points.

Section 36. That § 26-437.1 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 717.0, size of building sewers.~~

Section 717.0, size of building sewers, is hereby amended to read as follows:

~~Size of building sewers.—~~

~~The minimum size of any building sewer shall be determined on the basis of the total number of fixture units drained by such sewer, in accordance with Table 7-8. No building sewer shall be smaller than the building drain.~~

Section 37. That § 26-438 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 723.0, building sewer test.~~

Section 723.0, building sewer test, is hereby amended to read as follows:

~~Building sewer test.—~~

~~Building sewer test. Building sewers shall not be required to be tested unless in the opinion of the administrative authority the sewer is damaged or may not be water tight due to improper installation. The test required at that point shall conform to the criteria prescribed in Section 723.0 of the UPC.~~

Section 38. That § 26-439 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 807.4, domestic dishwashers.~~

Section ~~807.4~~, domestic dishwashers, is hereby amended to read as follows:

~~Domestic dishwashers.~~

~~Exception: Domestic dishwashers may be installed without an air-gap fitting on the discharge side of the dishwashing machine provided the waste hose is securely fastened to the bottom side of the countertop.~~

Section 39. That § 26-439.1 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~**Section 904.3.**~~

~~Section 904.3, is hereby repealed.~~

Section 40. That § 26-440 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~**Section 905.2, horizontal and special vents.**~~

~~Section 905.2, horizontal and special vents, is hereby amended to read as follows:~~

~~*Horizontal and special vents.*~~

~~Where vents connect to a horizontal drainage pipe, each vent pipe shall have its invert taken off above the drainage centerline, by way of a wye fitting downstream of the trap being served. A sanitary tee may be installed as a dry vent in a true vertical position (not less than ninety (90) degrees from horizontal) and shall not deviate from the vertical until it is six (6) inches above the floor rim of the fixture being served.~~

Section 41. That § 26-441 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~**Section 905.5, residential water closet vents.**~~

Section 905.5, residential water closet vents, is hereby amended by the addition of the following language:

~~Residential water closet vents.~~

~~Special provisions:~~ The horizontal vent for one water closet in a one- and two-family dwelling units may be used as a waste line for two lavatories.

Section 42. That § 26-441.5 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 910.7, combination waste and vent systems.~~

Section 910.7, combination waste and vent systems, is hereby amended to read as follows:

~~Combination Waste and Vent System.~~

No water closet or urinal shall be installed on any such system. Other one (1), two (2), or three (3) unit fixtures remotely located from the sanitary system and adjacent to a combination waste and vent system may be connected to such system in the conventional manner by means of waste and vent pipes of regular sizes, providing that the two (2) pipe size increase required in Section 910.4 is based on the total fixture unit load connected to the system.

Note: See Appendix B of this Code for explanatory notes on the design of combination waste and vent systems.

Section 43. That § 26-442 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1007.0, trap seal protection.~~

Section 1007.0, trap seal protection, is hereby amended by the addition of the

following language:

~~Trap seal protection.~~

~~Exception: Automatic means of protecting a trap seal shall not be required when a written schedule of trap seal maintenance is submitted to and approved by the administrative authority. Failure to maintain a proper trap seal with this method will result in the installation of an automatic trap primer.~~

Section 44. That § 26-442.1 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1014.1, grease traps and grease interceptors.~~

~~When in the judgment of the administrative authority and/or water pollution control, waste pretreatment is required, an approved grease trap or interceptor complying with this section shall be installed to ensure compliance with the effluent limitations on waste water strength per section 7.8 of City Ordinance No. 16388. Any new or existing establishments with a three-compartment sink and/or sinks, drains and other fixtures or equipment where grease may be introduced into the drainage or sewer system in quantities that can effect line stoppage or hinder sewage treatment or private sewage disposal a grease trap shall be required. A grease trap is not required for individual dwelling units or for private living quarters. New establishments with fixtures in addition to a three-compartment sink (pre-rinse sinks, garbage grinders, food prep sinks, etc.) shall be required to install a grease interceptor in accordance with Chapter 10 and Appendix H of the Uniform Plumbing Code. Existing establishments shall be required to install a grease interceptor if future data (laboratory data and/or sewer preventive maintenance data) show a need for waste pretreatment requirements~~

regulated by the water pollution control division.

~~Exception. An exemption to this requirement may be requested by written application to the development services director. This exception shall only apply to the remodeling of existing facilities where physical limitations make the installation of a grease interceptor impractical. The written application for the exception shall contain the following conditions: The owner will install a testing manhole, meeting the requirements promulgated by the water pollution control division, the owner will agree to pay for two random sample tests per year or the owner will agree to pay the cost of sewer line cleaning four times a year, as deemed necessary by the water pollution control division, and the owner will install a grease interceptor, remove the fixture or fixtures, or cease operation if the grease exceeds the current limits or if a significant grease problem develops downstream of the establishment.~~

Section 45. That § 26-443 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.3, welded joints.~~

~~Section 1211.3, welded plastic gas piping, is hereby amended to read as follows:~~

~~Section 1211.3, Welded joints.—~~

~~Welded joints, is hereby amended by the addition of the following language:~~

~~All joints in approved welded plastic gas piping shall be performed by individuals who have been certified. Certification shall be that required by the material manufacturer.~~

Section 46. That § 26-444 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.10, gas compression couplings.~~

~~Section 1211.10, gas compression couplings, is hereby amended by the addition of the following language:~~

~~Section 1211.13, Gas compression couplings.—~~

~~Approved "compression" type mechanical couplings may be used in exterior installation of gas lines only.~~

Section 47. That § 26-445 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1210.1, Material for gas piping.~~

~~Section 1210.0, material for gas piping, is hereby amended to read as follows:~~

~~Section 1210.1, Material for gas piping.~~

~~All piping used for the installation, extension, alteration, or repair of any gas piping shall be standard weight wrought iron or steel (galvanized or black) and yellow brass (containing not more than seventy-five (75) percent copper). Approved PE pipe may be used in exterior buried piping systems.~~

~~CSST (Corrugated Stainless Steel Tubing) piping systems with ANSI Z223.1/NFPA 54 listing, is approved for interior gas installations. Manufacturers recommendations shall be used as the installation standards provided these standards meet the intent of Chapter 12 of the UPC. Current manufacturers standards as listed below are the required guides for the installation of CSST piping. Revised editions of these standards shall be reviewed and submitted as a change to this ordinance before implementation in the field.~~

~~Titeflex CSST Design and Installation Guide—April 1995~~

Wardflex CSST Design and Installation Guide No. 1-87

TracPipe CSST Design and Installation Guide - March, 1997

Diamond Back CSST Design and Installation Guide - 2001 Edition.

Provided the following amendments are made to the aforementioned Installation Guides:

a. The piping on the outlet side of "log lighter" valves for fireplaces shall be black steel pipe.

b. The sizing of combination black steel and CSST gas piping systems shall be determined by the more restrictive sizing method. Combining the two sizing systems is prohibited.

Section 48. That § 26-445.1 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.16, tracer wires for plastic underground gas piping.~~

~~Section 1211.16, tracer wires for plastic underground gas piping, is hereby amended by the addition of the following language:~~

~~An electrically continuous insulated number 18 AWG yellow 0.040 inch (1 mm) diameter copper tracer wire or other approved materials shall be installed parallel to the pipe and should be a minimum of six (6) inches away from the pipe. The wire should be accessible for conductive location connection at one end with the remaining end (or ends) buried and grounded by stripping a minimum of 12 inches insulation. Branch lines and splices should be soldered or mechanical type connectors used and taped.~~

Section 49. That § 26-445.2 of the Code of the City of Topeka, Kansas, is hereby repealed:

526 ~~**Section 1210.1.1.**~~

527 ~~Section 1210.1.1 is hereby specifically repealed.~~

528 Section 50. That § 26-445.3 of the Code of the City of Topeka, Kansas, is
529 hereby repealed:

530 ~~**Section 1211.1.**~~

531 ~~Section 1211.1 is hereby amended by the addition of the following language:~~

532 ~~All joints in the piping system, unless welded, shall be screwed joints, having~~
533 ~~approved standard threads. Such screwed joints shall be made up with approved pipe~~
534 ~~joint material, insoluble in the presence of fuel gas and applied to the male threads only.~~

535 Section 51. That § 26-445.4 of the Code of the City of Topeka, Kansas, is
536 hereby repealed:

537 ~~**Section 1211.2.**~~

538 ~~Section 1211.2 is hereby specifically repealed.~~

539 Section 52. That § 26-445.5 of the Code of the City of Topeka, Kansas, is
540 hereby repealed:

541 ~~**Section 1211.2.1.**~~

542 ~~Section 1211.2.1 is hereby specifically repealed.~~

543 Section 53. That § 26-445.6 of the Code of the City of Topeka, Kansas, is
544 hereby repealed:

545 ~~**Section 1211.2.2.**~~

546 ~~Section 1211.2.2 is hereby specifically repealed.~~

547 Section 54. That § 26-445.7 of the Code of the City of Topeka, Kansas, is
548 hereby repealed:

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~~Section 1211.8.~~

~~Section 1211.8 is hereby specifically repealed.~~

Section 55. That § 26-445.8 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.9.~~

~~Section 1211.9 is hereby specifically repealed.~~

Section 56. That § 26-445.9 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.9.1.~~

~~Section 1211.9.1 is hereby specifically repealed.~~

Section 57. That § 26-445.10 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.9.2.~~

~~Section 1211.9.2 is hereby specifically repealed.~~

Section 58. That § 26-445.11 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.9.3.~~

~~Section 1211.9.3 is hereby specifically repealed.~~

Section 59. That § 26-445.12 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1211.9.4.~~

~~Section 1211.9.4 is hereby specifically repealed.~~

~~Section 1211.19 Tracer wires for plastic underground gas piping.~~

~~An electrically continuous insulated number eighteen (18) AWG yellow 0.040 inch (1 mm) diameter copper tracer wire or other approved materials shall be installed parallel to the pipe and should be a minimum of six (6) inches away from the pipe. The wire should be accessible for conductive location connection at one end with the remaining end (or ends) buried and grounded by stripping a minimum of twelve (12) inches insulation. Branch lines and splices should be soldered or mechanical type connectors used and taped.~~

Section 60. That § 26-445.13 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1217.1, required gas piping size.~~

~~Section 1217.1, Required gas piping size, is amended by deleting the reference to "Table 12-11 for copper tubing systems."~~

Section 61. That § 26-445.14 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Section 1217.4.~~

~~Section 1217.4 of the Uniform Plumbing Code, 2000 Edition, is amended by deleting the following language:~~

~~"For copper tubing systems using undiluted liquefied petroleum gas, the capacity of the tubing shall be determined by multiplying the values of Table 12-11 by the appropriate factor from Table 12-12."~~

Section 62. That § 26-445.15 of the Code of the City of Topeka, Kansas, is hereby repealed:

~~Tables 12-11--12-14, copper tube piping.~~

595 ~~Tables 12-11 through 12-14, copper tube piping, is hereby deleted.~~

596 Section 63. That § 26-445.16 of the Code of the City of Topeka, Kansas, is
597 hereby repealed:

598 **~~Appendix I, installation standards.~~**

599 ~~Appendix I is hereby amended with the addition of the following language:~~

600 ~~Appendix I Installation Standards.—~~

601 ~~IAPMO is 9.95 PVC Building Drain, Waste and Vent Pipe and Fittings~~

602 ~~Section 301.1.3, Solvent Cement, is hereby amended with the addition of the~~
603 ~~following language: One step cements for non-pressure PVC, Drain, Waste and Vent~~
604 ~~piping that comply with the requirements in ASTM D2564-96(a), ASTM F493-92 and~~
605 ~~ASTM F656-96(a) may be used without the use of primer.~~

606 Section 64. This ordinance shall take effect and be in force on ninety (90) days
607 after its passage, approval and publication in the official City newspaper.

608 PASSED AND APPROVED by the City Council April 15, 2008.

609 CITY OF TOPEKA, KANSAS

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616 William W. Bunten, Mayor

617 ATTEST:

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622 Brenda Younger, City Clerk