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ORDINANCE NO. 20257

AN ORDINANCE introduced by City Manager Brent Trout adopting the 2018 Uniform Plumbing Code, amending Chapter 14.35, Sections 13.10.280, 13.20.130 and 5.63.030 of the Topeka Municipal Code

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF TOPEKA, KANSAS:

Section 1. That section 13.10.280, Repair and responsibilities of property owner and City, of The Code of the City of Topeka, Kansas, is hereby amended to read as follows:

Repair and responsibilities of property owner and City.

(a) The customer water service line shall be the responsibility of the property owner and shall be constructed, maintained, repaired or replaced at the sole cost of the property owner. All installation or repair work shall be done as required by the currently adopted plumbing code and other appropriate ordinances.

(b) All customer water service lines which are not located on public property, public right-of-way or easement shall be the responsibility of the property owner and shall be repaired or replaced at the sole cost of the property owner. All installation or repair work shall be done as required by the currently adopted plumbing code and other appropriate ordinances.

(c) Any contractor licensed to install city utilities, including a plumbing contractor, may install or repair a water main, city water service line, or customer water line, servicing an industrial or commercial development project that has been designed by a licensed engineer. The contractor shall ensure that all connection and service lines are tested up to the cap outside each building.

(ed) Property owner shall be responsible for any expenses incurred by the

Water Division for the repair to the customer water service line, including, but not limited to, any materials, equipment, service, or labor, including the repair to public property, streets, alleys or other public utilities caused by the property owner's negligent or intentional actions.

(de) All City water service lines shall be the responsibility of the Water Division and shall be repaired only by the Water Division.

Section 2. That section 13.20.130, Permit -- Required, of The Code of the City of Topeka, Kansas, is hereby amended to read as follows:

Permit – Required.

(a) No sewer or drain of any kind shall be connected with the sewers constructed under authority of the City within any of the main sewer districts or sewer subdistricts of the City, except by written permission of the City Engineer and by compliance with all the rules, regulations and specifications provided for the proper construction and maintenance of such sewers or drains.

(b) Any person owning property within the City limits, which property is not within any lateral sanitary sewer district theretofore created, desiring to make connection to the sanitary sewage system, shall make application for a permit to the Utilities Department.

(c) Any contractor licensed to install city utilities, including a plumbing contractor, may install or repair any sewer line servicing an industrial or commercial development project that has been designed by a licensed engineer. The contractor shall ensure that all connection and service lines are tested up to the cap outside each building.

Section 3. That section 14.35.010, Uniform Plumbing Code – Adopted, of The

Code of the City of Topeka, Kansas, is hereby amended to read as follows:

Uniform Plumbing Code – Adopted.

(a) The 2018 Uniform Plumbing Code, ~~2012 Edition~~, is hereby adopted by reference and made part of the code for the city. The ~~2012~~2018 Uniform Plumbing Code Illustrated Training Manual and the ~~2012~~2018 Uniform Plumbing Code Answers and Analysis Manual as published by the International Association of Plumbing and Mechanical Officials may be considered and applied by the authority having jurisdiction to the extent necessary in the authority's sole discretion to implement and enforce this code.

(b) The following appendices are hereby adopted:

Appendix A – Recommended Rules for Sizing the Water Supply System.

Appendix B – Explanatory Notes on Combination Waste and Vent Systems.

Appendix C – Alternate Plumbing Systems.

Appendix D – Sizing Stormwater Drainage Systems.

Appendix E – Manufactured/Mobile Home Parks and Recreational Vehicle Parks.

Appendix G – Sizing of Venting Systems ~~Serving Appliances Equipped with Draft Hoods, Category 1 Appliances, and Appliances Listed for Use With Type B Vents.~~

Appendix H – Private Sewage Disposal Systems.

Appendix I – Installation Standards for PEX Tubing Systems for Hot- and Cold-Water Distribution and the Installation Standards for Trenchless Insertion of Polyethylene (PE) Pipe for Sewer Laterals set forth in TMC 14.35.440.

Appendix J – Combination of Indoor and Outdoor Combustion and Ventilation Opening Design.

Appendix K – Potable Rainwater Catchment Systems.

Appendix L – Sustainable Practices ~~(with prior approval by the city of Topeka plumbing board appeals).~~

Appendix M – Peak Water Demand Calculator.

Section 4. That section 14.35.020, Authority having jurisdiction designated, of The Code of the City of Topeka, Kansas, is hereby amended to read as follows:

Authority having jurisdiction designated.

Whenever the term “authority having jurisdiction” is used in the code, it shall be construed to mean the development services division director or his or her designee.

Section 5. That section 14.35.030, Uniform Plumbing Code – Copies on file in clerk’s office, of The Code of the City of Topeka, Kansas, is hereby amended to read as follows:

Uniform Plumbing Code – Copies on file in clerk’s office.

At least one copy of the Uniform Plumbing Code as adopted shall be on file with the city clerk to be available for inspection by the public at all reasonable business hours. ~~The administrative departments of the city charged with the duty of enforcement of this chapter shall be supplied, at the cost of the city, such a number of copies of the code as may be deemed necessary by the respective department heads.~~

Section 6. That section 14.35.050 of The Code of the City of Topeka, Kansas, is hereby amended to read as follows:

~~101.11.5~~102.7, Moved Buildings.

Section ~~101.11.5~~102.7, Moved Buildings, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Plumbing systems that are part of buildings or structures moved into this

jurisdiction shall comply with the provisions of Chapter 8.60 TMC and Section
403.5.5.2105.2 of the 20122018 Uniform Plumbing Code.

Section 7. That section 14.35.060 of The Code of the City of Topeka, Kansas,
is hereby amended to read as follows:

~~402.4~~103.1, Authority Having Jurisdiction.

~~402.4~~103.1, Authority Having Jurisdiction, is hereby deleted in its entirety and the
following provisions shall be substituted therefor:

The Authority Having Jurisdiction shall be the Authority duly appointed to enforce
this code. The Authority Having Jurisdiction shall have the power to render
interpretations of this code and to adopt and enforce rules and regulations
supplemental to this code as deemed necessary in order to clarify the application
of the provisions of this code. Such interpretations, rules, and regulations shall
comply with the intent and purpose of this code.

In accordance with the prescribed procedures and with the approval of the
appointing authority, the Authority Having Jurisdiction shall be permitted to
appoint such number of technical officers, inspectors and other employees as
shall be authorized from time to time. The Authority Having Jurisdiction shall be
permitted to deputize such inspectors or employees as necessary to carry out the
functions of the code enforcement agency.

Section 8. That section 14.35.065 of The Code of the City of Topeka, Kansas,
is hereby renumbered as 14.35.090 and amended to read as follows:

~~402.3~~107.0, Board of Appeals.

~~402.3~~107.0, Board of Appeals, including subsections ~~402.3.4~~107.1 and 107.2, is
hereby deleted in its entirety.

Section 9. That section 14.35.070 of The Code of the City of Topeka, Kansas,
is hereby amended to read as follows:

103.1.104.2, Exempt Work.

~~103.1.104.2,~~ Exempt Work, is hereby deleted in its entirety and the following
provisions shall be substituted therefor:

A permit shall not be required for the following:

(1) The stopping of leaks, in drains, soil, waste, or vent pipe, provided that a
trap, drainpipe, soil, wastes, or vent pipe become defective and it becomes
necessary to remove and replace the same with new material, the same shall be
considered as new work and permit shall be procured and inspection made as
provided in this code. Replacement of fixture fittings and/or faucets, tubular
traps, continuous wastes and tailpieces shall not require a permit.

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

Exemption from the permit requirements of this code shall not be deemed to
grant authorization for work to be done in violation of the provisions of the code
or other laws or ordinances of this jurisdiction.

Section 10. That section 14.35.075 of The Code of the City of Topeka, Kansas,
is hereby repealed.

~~103.1.2.1, Permits and Licensing – Water Softener Installations.~~

~~103.1.2.1, Permits and Licensing – Water Softener Installations, is hereby
created by the addition of the following provisions:~~

~~Individuals licensed under TMC 5.63.080 working in the water softening/conditioning trade shall be allowed to install water softening/conditioning appliances and connect them to the potable water supply lines. The licensed individual may install up to ten (10) feet of pipe horizontally for each connection plus the licensed individual may install pipe in a vertical drop to the appliance. Piping from the water softening/conditioning appliance to any fixture shall be done by a licensed plumbing contractor.~~

Section 11. That section 14.35.080 of The Code of the City of Topeka, Kansas, is hereby amended to read as follows:

~~103.4~~104.5, Fees.

~~103.4~~104.5, Fees, including subsections ~~103.4.1, 103.4.2, 103.4.3,~~ ~~103.4.4~~104.5.1, 104.5.2, 104.5.3 and Table ~~103.4~~104.5, is hereby deleted in its entirety.

Section 12. That section 14.35.090 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.100 and amended to read as follows:

Definitions.

Chapter 2, Definitions, 204.0, Bathroom Group, is hereby deleted in its entirety and the following definition shall be substituted therefor:

Bathroom Group. Any combination of fixtures, not to exceed one water closet, two lavatories, either one bathtub, or one combination bath/shower, and/or one shower, and may include a bidet and an emergency floor drain.

~~Chapter 2, Definitions, 206.0, is hereby amended by the addition of the following definition:~~

~~Dry Vent. A vent that does not receive the discharge of any sewage or waste.~~

Section 13. That section 14.35.100, 312.12.3 TUB WASTE OPENINGS of The

Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.110.

Section 14. That section 14.35.110, 314.4 EXCAVATIONS, of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.120.

Section 15. That section 14.35.120 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.300 and amended to read as follows:

~~705.7.2~~705.6.2, Solvent Cement Joints.

~~705.7.2~~705.6.2, Solvent Cement Joints, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Plastic pipe and fittings designed to be joined by solvent cementing shall comply with appropriate IAPMO Installation Standards.

Solvent cement joints for PVC pipe and fittings shall be clean from dirt and moisture. Pipe shall be cut square and pipe shall be deburred. Where surfaces to be joined are cleaned and free of dirt, moisture, oil, and other foreign material, apply primer in accordance with ASTM F656. Primer shall be applied until the surface of the pipe and fitting is softened. Solvent cements in accordance with ASTM D 2564 shall be applied to all joint surfaces. Joints shall be made while both the inside socket surface and outside surface of pipe are wet with solvent cement. Hold joint in place and undisturbed for 1 minute after assembly.

Exception: One step cements for non-pressure PVC, drain, waste and vent piping that comply with the requirements of ASTM D2564-96(a), ASTM F493-92 and ASTM F656-96(a) may be used without the use of primer.

Section 16. That section 14.35.130 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~403.4, Metered Faucets.~~

197 ~~403.4, Metered Faucets, is hereby deleted in its entirety.~~

198 Section 17. That The Code of the City of Topeka, Kansas, is hereby amended
199 by adding a section, to be numbered 14.35.130, which said section reads as follows:

200 **314.4.1 Installation of Thermoplastic Pipe and Fittings.**

201 314.4.1, Installation of Thermoplastic Pipe and Fittings, is hereby deleted in its
202 entirety.

203 Section 18. That section 14.35.140 of The Code of the City of Topeka, Kansas,
204 is hereby renumbered as 14.35.150 and amended to read as follows:

205 **402.11402.10, Slip Joint Connections.**

206 ~~402.11402.10, Slip Joint Connections, is hereby deleted in its entirety and the~~
207 ~~following provisions shall be substituted therefor:~~

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

211 Section 19. That The Code of the City of Topeka, Kansas, is hereby amended
212 by adding a section, to be numbered 14.35.140, which said section reads as follows:

213 **407.4, Transient public lavatories.**

214 407.4, Transient public lavatories, is hereby deleted in its entirety.

215 Section 20. That section 14.35.150, 418.6 SPECIAL PROVISIONS, of The
216 Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.180.

217 Section 21. That section 14.35.143 of The Code of the City of Topeka, Kansas,
218 is hereby renumbered as 14.35.160 and amended to read as follows:

219 **414.3, Drainage Connections.**

220 ~~414.3, Drainage Connections, is hereby deleted in its entirety and the following~~

provisions shall be substituted therefor amended by the addition of the following exceptions:

EXCEPTIONS:

1. Domestic dishwashers may be installed without an airgap fitting on the discharge side of the dishwashing machine provided the waste hose is securely fastened to the bottom side of the countertop.

2. Commercial dishwashing machines ~~shall~~may discharge indirectly through an air gap or direction connection in accordance with Section 704.3 with floor drain protection.

Section 22. That section 14.35.147 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.170 and amended to read as follows:

418.4418.3, Location of Floor Drains.

~~418.4418.3~~418.3, Location of Floor Drains, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Floor drains shall be installed in the following areas:

(1) Toilet rooms containing two or more water closets or a combination of one water closet and one urinal, except in a dwelling unit.

(2) Commercial kitchens and in accordance with Section 704.3.

(3) Laundry rooms in commercial buildings and common laundry facilities in multi-family dwelling buildings.

(4) Repair garages and/or gasoline stations where oil or flammable waste may exist. Floor drains shall drain to an approved oil or flammable liquid interceptor installed in accordance with Section 1017.0.

Section 23. That section 14.35.160 of The Code of the City of Topeka, Kansas,

is hereby renumbered as 14.35.190 and amended to read as follows:

422.1, Fixture Count.

422.1, Fixture Count, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Plumbing fixtures shall be provided for the type of building occupancy and in the minimum number shown in Table 2902.1 of the International Building Code, 20062015 Edition.

Section 24. That section 14.35.180 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~507.4, Drainage Pan.~~

~~507.4, Drainage Pan, is hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~When a water heater is located in an attic, attic ceiling assembly, floor ceiling assembly, or floor subfloor assembly where damage may result from a leaking water heater, a watertight pan of plastic or non-corrosive materials having a minimum size of twenty-four (24) inches square or twenty-four (24) inches in diameter with a minimum two (2) inch lip shall be installed beneath the water heater with a minimum three quarter (3/4) inch (20 mm) diameter drain to an approved location.~~

Section 25. That section 14.35.170, TABLE 422.1 MINIMUM PLUMBING FACILITIES, of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.200.

Section 26. That section 14.35.190 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~507.5, Relief Valve Discharge.~~

~~507.5, Relief Valve Discharge, is hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~Discharge from a relief valve into a water heater pan shall be prohibited. Provided, however, relief valves on water heaters in multiple story residential units, each having an individual tank, may discharge into a water heater pan if the pan is provided with a full two (2) inch vented floor drain, is connected to the building drain and vent system, and provisions are made to ensure that the trap is properly primed. Water heater relief valves on water heaters installed over a crawl space may discharge into a water heater pan if the pan is provided with a full two (2) inch floor drain and that drain is extended to the exterior of the building. The relief valve may not discharge directly into the crawl space.~~

Section 27. That section 14.35.200 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~603.4.3, Access and Clearance.~~

~~603.4.3, Access and Clearance, is hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~Access and clearance shall be provided for the required testing, maintenance, and repair. Access and clearance shall require a minimum of one (1) foot (305 mm) between the lowest portion of the assembly and grade, floor, or platform. Installations elevated more than five (5) feet (1524 mm) above the floor or grade shall be provided with a permanent platform capable of supporting a tester or maintenance person. Authority Having Jurisdiction approval is required before backflow devices are installed at an elevation of six (6) feet or more above the~~

293 ~~floor or grade.~~

294 Section 28. That section 14.35.220 of The Code of the City of Topeka, Kansas,
295 is hereby amended to read as follows:

296 ~~603.5.18~~**603.5.17, Potable Water Outlets and Valves.**

297 ~~603.5.18~~**603.5.17, Potable Water Outlets and Valves,** is hereby deleted in its
298 entirety and the following provisions shall be substituted therefor:

299 Potable water outlets, freeze-proof yard hydrants, combination stop and waste
300 valves, or other fixtures that incorporate a stop and waste feature that drains into
301 the ground shall not be installed underground. Freezeless yard hydrants, meeting
302 the requirements of ASSE 1057 (Freeze resistant Sanitary Yard Hydrants with
303 Backflow Protection) shall be approved for use within the city limits of Topeka.
304 These devices are to supply potable water without danger of damage to the
305 hydrant due to freezing, to provide protection of the potable water supply from
306 contamination due to ground water, and to prevent potential backflow by means
307 of back siphonage with the installation of an approved atmospheric vacuum
308 breaker meeting the requirements of ASSE 1052 (Performance Requirements for
309 Hose Connection Backflow Preventers).

310 Section 29. That section 14.35.230, TABLE 610.3, of The Code of the City of
311 Topeka, Kansas, is hereby renumbered as 14.35.280.

312 Section 30. That The Code of the City of Topeka, Kansas, is hereby amended
313 by adding a section, to be numbered 14.35.230, which said section reads as follows:

314 **605.0 JOINTS AND CONNECTIONS; 605.05 Generally.**

315 605.05, Generally, is hereby created under “Joints and Connections” and shall
316 read as follows:

All fittings that comply with ASSE 1061 shall not be used underground.

Section 31. That The Code of the City of Topeka, Kansas, is hereby amended by adding a section, to be numbered 14.35.260, which said section reads as follows:

608.5, Discharge Piping, subsection (7).

608.5, Discharge Piping, subsection (7), is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Discharge from a relief valve into a water heater pan shall be prohibited.

Provided, however, relief valves on water heaters in multiple story residential units, each having an individual tank, may discharge into a water heater pan if the pan is provided with a full two (2) inch vented floor drain, is connected to the building drain and vent system, and provisions are made to ensure that the trap is properly primed. Water heater relief valves on water heaters installed over a crawl space may discharge into a water heater pan if the pan is provided with a full two (2) inch floor drain and that drain is extended to the exterior of the building. The relief valve may not discharge directly into the crawl space.

Section 32. That The Code of the City of Topeka, Kansas, is hereby amended by adding a section, to be numbered 14.35.270, which said section reads as follows:

609.11.2, Pipe Installation Wall Thickness.

609.11.2, Pipe Installation Wall Thickness, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Hot water pipe insulation shall have a minimum wall thickness of not less than 1 inch (25 mm) for a pipe ½ inch (13 mm) up to 1 ¼ inch (32 mm) in diameter.

Insulation wall thickness shall not be less than 1 ½ inches (37 mm) for a pipe of 2 inches (51 mm) or more in diameter, this can be reduced to 1 inch (25 mm) if

341 pipng is located within a partition within a conditioned space.

342 Section 33. That section 14.35.280, 610.8, SIZE OF METER AND BUILDING
343 SUPPLY PIPE, of The Code of the City of Topeka, Kansas, is hereby renumbered as
344 14.35.290.

345 Section 34. That section 14.35.290 of The Code of the City of Topeka, Kansas,
346 is hereby renumbered as 14.35.310 and amended to read as follows:

347 **705.9.1.1705.8.1.1, ETCO “T” Cone and Couple Adapters.**

348 ~~705.9.1.1~~705.8.1.1, ETCO “T” Cone and Couple Adapters, is hereby created by
349 the addition of the following provisions:

350 The use of this type of clay tile to plastic adapter is limited to sanitary sewer
351 installations and may only be used for the connection of the building sewer to the
352 clay tile sewer main wye or tap. The joint and connecting pipe shall be installed
353 at no more than twenty-two (22) degrees from the horizontal and shall be laid on
354 undisturbed ground or a firm bed of one-quarter (1/4) inch crushed rock or similar
355 material. The crushed rock shall be no less than one-quarter (1/4) inch nor
356 greater than three-quarter (3/4) inch.

357 Section 35. That section 14.35.300, 707.4 LOCATION, of The Code of the City
358 of Topeka, Kansas, is hereby renumbered as 14.35.320.

359 Section 36. That section 14.35.310, 710.1, BACKFLOW PROTECTION of The
360 Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.330.

361 Section 37. That section 14.35.320, 712.2 WATER TEST, of The Code of the
362 City of Topeka, Kansas, is hereby renumbered as 14.35.340.

363 Section 38. That section 14.35.330 of The Code of the City of Topeka, Kansas,
364 is hereby renumbered as 14.35.350 and amended to read as follows:

365 **723.0723.1, Building Sewer Test, General.**

366 ~~723.0723.1~~, Building Sewer Test, General, is hereby deleted in its entirety and
367 the following provisions shall be substituted therefor:

368 Building sewers shall be tested if in the opinion of the Authority Having
369 Jurisdiction the building sewer is deteriorated, damaged or may not be watertight
370 due to improper installation. If required, testing shall be done by plugging the end
371 of the building sewer at its points of connection with the public sewer or private
372 sewage disposal system and completely filling the building sewer with water from
373 the lowest to the highest point thereof, or by approved equivalent low-pressure
374 air test. The building sewer shall be watertight at all points.

375 Section 39. That section 14.35.360 of The Code of the City of Topeka, Kansas,
376 is hereby repealed.

377 **908.2, Horizontal Wet Venting for a Bathroom Group.**

378 ~~908.2, including 908.2.1 and 908.2.2, is hereby deleted in its entirety and the~~
379 ~~following provisions shall be substituted therefor:~~

380 ~~908.2.1 Where Permitted. A bathroom group located on the same floor level, in a~~
381 ~~residential application, shall be permitted to be vented by a horizontal wet vent if all~~
382 ~~of the following conditions are met.~~

383 ~~908.2.1.1 Vent Connection. The dry vent connection to the wet vent shall be an~~
384 ~~individual vent for the bidet, shower, or bathtub. One or two vented lavatory(s) shall~~
385 ~~be permitted to serve as a wet vent for a bathroom group. Only one (1) wet-vented~~
386 ~~fixture drain or trap arm shall discharge upstream of the dry-vented fixture drain~~
387 ~~connection. All dry vents connections to the horizontal wet vent shall be in~~
388 ~~accordance with Sections 905.2 and Section 905.3.~~

389 ~~908.2.1.2 Size. The wet vent shall be sized based on the fixture unit discharge into~~
390 ~~the wet vent. The wet vent shall be not less than two (2) inches (50 mm) in diameter~~
391 ~~for four (4) dfu or less, and not less than three (3) inches (80 mm) in diameter for five~~
392 ~~(5) dfu or more. The dry vent shall be sized in accordance with Tables 7-3 and 7-5~~
393 ~~based on the total fixtures units discharging into the wet vent.~~

394 ~~908.2.1.3 Trap Arm. The length of the trap arm shall not exceed the limits in Table~~
395 ~~10-1. The trap size shall be in accordance with Section 1003.3. The vent pipe~~
396 ~~opening from the horizontal wet vent, except for water closets and similar fixtures,~~
397 ~~shall not be below the weir of the trap.~~

398 ~~908.2.1.4 Water Closet. The water closet fixture drain or trap arm connection to the~~
399 ~~wet vent shall be downstream of all fixture drain or trap arm connections to the~~
400 ~~horizontal wet vent.~~

401 ~~908.2.1.5 Additional Fixtures. Additional fixtures shall discharge downstream of the~~
402 ~~wet vent system and be conventionally vented. Only the fixtures within the bathroom~~
403 ~~group shall connect to the wet-vented horizontal branch.~~

404 Section 40. That section 14.35.340 of The Code of the City of Topeka, Kansas,
405 is hereby renumbered as 14.35.360 and amended to read as follows:

406 **807.4807.3, Domestic Dishwashing Machines.**

407 ~~807.4807.3, Domestic Dishwashing Machines, is hereby deleted in its entirety~~
408 ~~and the following provisions shall be substituted therefor~~amended by the addition of the
409 following exception:

410 EXCEPTION:

411 Domestic dishwashers may be installed without an air-gap fitting on the
412 discharge side of the dishwashing machine provided the waste hose is securely

fastened to the bottom side of the countertop.

Section 41. That section 14.35.350, 905.2 HORIZONTAL DRAINAGE PIPES, of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.370.

Section 42. That section 14.35.390 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~1007.0, Trap Seal Protection.~~

~~1007.0, Trap Seal Protection, is hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~Floor drain or similar traps directly connected to the drainage system and subject to infrequent use shall be protected with a trap seal primer, except where not deemed necessary for safety or sanitation by the Authority Having Jurisdiction. Trap seal primers shall be accessible for maintenance. Floor drains, subject to infrequent use and not protected by a trap seal primer, shall be protected by an ASSE 1072 listed barrier type floor drain seal protection device.~~

Section 43. That section 14.35.400 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~1014.1.3, Food Waste Disposal Units and Dishwashers.~~

~~1014.1.3, Food Waste Disposal Units and Dishwashers, is hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~Unless specifically required or permitted by the Authority Having Jurisdiction, no food waste disposal unit or dishwasher shall be connected to or discharge into a hydromechanical grease interceptor. Food waste disposal units and dishwashers shall be required to discharge into a gravity grease interceptor.~~

Section 44. That section 14.35.410, 1014.1.4 EXCEPTIONS, of The Code of

the City of Topeka, Kansas, is hereby renumbered as 14.35.390.

Section 45. That section 14.35.420 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.400 and amended to read as follows:

~~1101.91~~101.10, Filling Stations and Motor Vehicle Washing Establishments.

~~1101.91~~101.10, Filling Stations and Motor Vehicle Washing Establishments, is hereby deleted in its entirety.

Section 46. That section 14.35.430 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.410 and amended to read as follows:

~~1208.5.2.3~~1208.6.3.2, Copper and BrassCopper Alloy Pipe.

~~1208.5.2.3~~1208.6.3.2, Copper and ~~Brass~~Copper Alloy Pipe, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Copper and brass pipe shall not be used if the gas contains more than an average of 0.3 grains of hydrogen sulfide per 100 scf of gas (0.7 mg/100 L).

Copper or brass pipe shall only be allowed if the natural gas supplier shall warrant in writing that the hydrogen sulfide content of the gas shall at all times be below the aforementioned amount. Therefore copper and copper alloy pipe and fittings may not be used within the city limits of Topeka. All references in the ~~2012~~2018 Uniform Plumbing Code to copper pipe and tubing as a material acceptable for gas piping as well as the brazing and sizing requirements for copper are hereby repealed.

Section 47. That The Code of the City of Topeka, Kansas, is hereby amended by adding a section, to be numbered 14.35.420, which said section reads as follows:

1208.6.4.2, Copper and Copper Alloy Tubing.

1208.6.4.2, Copper and Copper Alloy Tubing, is hereby deleted in its entirety and

the following provisions shall be substituted therefor:

Copper and brass tubing shall not be used if the gas contains more than an average of 0.3 grains of hydrogen sulfide per 100 scf of gas (0.7 mg/100 L). Copper or brass tubing shall only be allowed if the natural gas supplier shall warrant in writing that the hydrogen sulfide content of the gas shall at all times be below the aforementioned amount. Therefore copper and copper alloy tubing and fittings may not be used within the city limits of Topeka. All references in the 2018 Uniform Plumbing Code to copper pipe and tubing as a material acceptable for gas piping as well as the brazing and sizing requirements for copper are hereby repealed.

Section 48. That section 14.35.440 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.430 and amended to read as follows:

1208.5.8.11208.6.11.1, Pipe Joints.

~~1208.5.8.11208.6.11.1~~, Pipe Joints, is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Pipe joints shall be threaded, flanged, brazed, ~~or welded,~~ or press-connect fittings that comply with CSA LC-4. Where nonferrous pipe is brazed, the brazing materials shall have a melting point in excess of 1,000° F (538° C). Brazing alloys shall not contain more than 0.05 percent phosphorus. (NFPA 54:5.6.8.1) Welded joints on ferrous piping shall be performed by individuals licensed as journeymen in the plumbing or mechanical trade with a current certification of welding competency from a state recognized testing agency. The testing requirements for the welder's competency shall be based on the requirements of the ASME Boiler and Pressure Vessel Code, Section IX.

Section 49. That section 14.35.450 of The Code of the City of Topeka, Kansas, is hereby renumbered as 14.35.440 and amended to read as follows:

1208.5.9.21208.6.12.2, Heat-Fusion Joint.

~~1208.5.9.21208.6.12.2~~, Heat-Fusion Joint, and Fittings is hereby deleted in its entirety and the following provisions shall be substituted therefor:

Heat-fusion joints shall be made in accordance with qualified procedures that have been established and proven by test to produce gastight joints at least as strong as the pipe or tubing being joined. Joints shall be made with the joining method recommended by the pipe manufacturer. Heat-fusion fittings shall be marked "ASTM D 2513." All joints in approved heat fusion welded plastic gas piping shall be performed by individuals who are licensed as journeyman in the plumbing or mechanical trade and certified to do heat fusion welding by the manufacturer of the piping being installed.

Section 50. That The Code of the City of Topeka, Kansas, is hereby amended by adding a section, to be numbered 14.35.450, which said section reads as follows:

Appendix I.

Appendix I is hereby amended by the addition of the following provisions for Installation Standards for Trenchless Insertion of Polyethylene (PE) Pipe for Sewer Laterals:

IAPMO IS 26-2006

1.0 Scope.

1.1 Scope.

This standard shall govern the Trenchless Installation of Polyethylene (PE) pipe for use in sanitary and storm sewers. The installed pipe shall comply with the

requirements of the Uniform Plumbing Code (UPC) published by the International Association of Plumbing and Mechanical Officials (IAPMO) as to grade and connections to existing pipe and shall also comply with this standard.

Note: The following sections of the Uniform Plumbing Code apply:

103.5.6 Testing of Systems

103.5.7.2 Responsibility

103.5.8 Other Inspections

103.5.81 Defective Systems

103.6.1 Other Connection

218.0 Definition of PE

301.1 Minimum Standards

309.0 Workmanship

312.0 Protection of Piping and Materials and Structures

314.0 Trenching, Excavating and Backfill

Chapter 7 Sanitary Drainage

701.2 Drainage Fittings

705.11.3 Plastic Pipe to Other Materials

2.0 PRODUCT REQUIREMENTS

2.1 Minimum Standards

2.1.1 Materials. Materials shall comply with the following: The polyethylene pipe used is covered by the American Society for Testing (ASTM) standards listed later in this standard. [UPC 301.1]

Materials : HDPE Extra High Molecular Weight 3408 SDR 17 Pipe Socket-Type PE Fittings for Outside Diameter-Controlled Polyethylene Pipe

Note: The HDPE 3408 SDR 17 pipe used in this process was selected because of its ability to retain its circular shape even when bent on a 4-foot radius during and after installation.

2.1.2 Table 1401.1 Standards.

ASTM D 2239

ASTM D 2447

ASTM D 2657

ASTM D 2683

ASTM D 3261

ASTM F 714

ASTM F 894

IAPMO PS 25

2.2 Protection of Pipe.

2.2.1 Storage and Handling. Pipe shall be stored in a way to protect it from mechanical damage (slitting, puncturing, etc.). It shall be stored under cover to keep it clean and avoid long term exposure to sunlight. Exposure to sunlight during normal construction periods is not harmful.

2.3 Types of Joints. PE joints shall be made as follows:

2.3.1 Molded Rubber Coupling Joints. Molded rubber coupling joints shall be installed in accordance with Appendix I of the UPC and with section 705.

2.3.2 Shielded Coupling Joints. Shielded coupling joints shall be installed in accordance with Appendix I of the UPC and with section 705.4.2.

2.3.4 Hubless Cast Iron Pipe Joints. Hubless cast iron pipe joints shall be installed in accordance with Appendix I of the UPC and with section 705.4.2.

2.3.5 Heat Fusion Joints. Heat fusion joints shall be made according to the manufacturer's procedure, installation instructions, and either ASTM D 2659 or ASTM D 3261.

2.4 Trenchless Installation of sewers will be as follows:

I. Preliminary Steps. Inspect the inside of the sewer line using a television camera and video tape recorder to ascertain the line condition. Mark the details revealed by the video inspection including:

1. The ground surface to show the location of the lateral tie of the city wye.

2. The line location with an arrow in the street pointing back at the lateral.

3. The property denoting the lateral location.

4. The locations of the proposed excavations.

Obtain utility line identification service contact information and all applicable permits.

II. Excavation. In addition to the above markings, the local utility companies will mark utilities. Considerations are soil density; clearance from obstacles, utilities, and structures; location of bends; and water service locations. Excavations and shoring shall be in accordance with jurisdictional safety requirements.

III. Set Up. Fuse the proper length of polyethylene pipe in accordance with ASTM D 2657 and fuse the end to a small length that is attached to the pulling head. A rod pusher cable is pushed through the damaged host pipe and attached to the pulling cable, which is then drawn through the pipe. The clevis end of the cable is attached to the pulling head. The pulling equipment is then set up according to the manufacturer's instructions.

IV. Pulling. Pull the pulling head through. Once the pull is done, complete the connection to the existing piping.

2.5 Cleanouts. Cleanouts shall be installed in accordance with UPC Section 707.0.

2.6 Inspections. The completed piping shall be internally inspected by television camera unless waived by the Administrative Authority. [UPC 103.5]

2.7 Testing. Completed piping shall be subjected to testing in accordance with Section 712.0 or 723.0 of the UPC.

Section 51. That section 14.35.460 of The Code of the City of Topeka, Kansas, is hereby repealed.

~~1211.5, Appliance Shutoff Valves and Connections.~~

~~1211.5, Appliance Shutoff Valves and Connections, is hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~Appliances connected to a piping system shall have an accessible, approved manual shutoff valve with a nondisplaceable valve member, or a listed gas convenience outlet installed within six (6) feet (1.8 m) of the appliance it serves. Where a connector is used, the valve shall be installed upstream of the connector. A union or flanged connection shall be provided downstream from this valve to permit removal of controls.~~

~~Exceptions:~~

~~(1) Shutoff valves shall be permitted to be accessibly located inside or under an appliance where such appliance is removed without removal of the shutoff valve.~~

~~(2) Shutoff valves shall be permitted to be accessibly located inside~~

~~wall heaters and wall furnaces listed for recessed installation where
necessary maintenance is performed without removal of the shutoff
valve.~~

Section 52. That section 14.35.480 of The Code of the City of Topeka, Kansas,
is hereby repealed.

~~Appendix I, Installation Standards — IAPMO IS 9-2006 Section 2.7.6, Primers.~~

~~Appendix I, Installation Standards — IAPMO IS 9-2006 Section 2.7.6, Primers, is
hereby deleted in its entirety and the following provisions shall be substituted therefor:~~

~~Primers. A listed primer in compliance with ASTM F656 shall be used on all PVC
DWV joints. Provided, however, 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 53. That section 5.63.030, License required, of The Code of the City of
Topeka, Kansas, is hereby amended to read as follows:

License required; water softener/conditioner additional authorized work.

(a) License required. It shall be unlawful for any person to conduct, carry on
or engage in the business of commercial or residential construction or remodeling,
excavation, elevator repair or construction, concrete work, demolition, swimming pool
construction, roofing, fire alarm installation, fire sprinkler installation, water
softener/conditioner, lawn irrigation system installation or mechanical, electrical or
plumbing trades, without first obtaining the appropriate contractor's license.

(b) Water softener/conditioner additional authorized work. Individuals licensed
in the water softener/conditioner trade may install water softening/conditioning
appliances and connect the appliances to the potable water supply lines. Licensees

may install up to ten (10) feet of pipe horizontally for each connection in addition to installing pipe in a vertical drop to the appliance. Piping from the water softener/conditioning appliance to any fixture shall be installed by a licensed plumbing contractor.

Section 54. That original §§ 13.10.280, 13.20.130, 14.35.010, 14.35.020, 14.35.030, 14.35.050, 14.35.060, 14.35.065, 14.35.070, 14.35.080, 14.35.090, 14.35.120, 14.35.140, 14.35.143, 14.35.147, 14.35.160, 14.35.220, 14.35.290, 14.35.330, 14.35.340, 14.35.420, 14.35.430, 14.35.440, 14.35.450 and 5.63.030 of The Code of the City of Topeka, Kansas, are hereby specifically repealed.

Section 55. This ordinance shall take effect and be in force from and after its passage, approval and publication in the official City newspaper.

Section 56. This ordinance shall supersede all ordinances, resolutions or rules, or portions thereof, which are in conflict with the provisions of this ordinance.

Section 57. Should any section, clause or phrase of this ordinance be declared invalid by a court of competent jurisdiction, the same shall not affect the validity of this ordinance as a whole, or any part thereof, other than the part so declared to be invalid.

PASSED AND APPROVED by the Governing Body on August 18, 2020.

CITY OF TOPEKA, KANSAS

Michelle De La Isla, Mayor

ATTEST:

Brenda Younger, City Clerk