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ORDINANCE NO. _____

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF HIAWATHA, IOWA, 1996, BY AMENDING CHAPTER 156 PLUMBING CODE

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA:

SECTION 1. Chapter 156 Plumbing Code of the Code of Ordinances of the City of Hiawatha, Iowa, 1996, is hereby amended as follows:

CHAPTER 156

PLUMBING CODE

156.01 Plumbing Code Adopted

156.02 Amendments to Plumbing Code

156.03 Conflicts

156.04 Administration~~International Fuel Gas Code~~

156.05 Repealed~~Uniform Plumbing Code~~

156.06 Permit & Fees Required

156.07 Reinspection Fee ~~Refunds~~

156.08 Violation

156.09 Board of Appeals

156.10 Inspection and Testing of Backflow Prevention Assemblies

156.11 Cross Connection Control~~Drinking Fountain Substitution~~

156.12 Size of Meter and Building Supply Pipe

156.13 Repealed~~Cross Connection Control~~

156.14 Repealed~~Water Service Protection~~

156.15 Repealed~~Exception (Backwater Valve)~~

156.16 Repealed~~Frost Closure~~

156.17 Sand Interceptor Requirements

156.18 Drainage Discharges

156.19 Construction Documents~~Subsurface Landscape Irrigaton Systems~~

156.20 Code on File

156.01 PLUMBING CODE ADOPTED. Except as hereinafter added to, deleted, modified or amended, there is hereby adopted as the Plumbing Code of the City that certain Plumbing Code known as the latest version of the State Plumbing Code; Iowa Administrative Code 641—25~~*International Plumbing Code*, 2018*Edition*, as prepared and edited by the International Code Council~~, which code is hereby specifically incorporated by reference and shall be known as the Hiawatha Plumbing Code. The provisions of said Plumbing Code shall be controlling in the erection, installation, alterations, additions, repair, relocation, replacements, maintenance or use of any plumbing system within the corporate limits of the City.

156.02 AMENDMENTS TO THE PLUMBING CODE. Certain sections and portions of sections of the *State Plumbing Code*~~*International Plumbing Code*~~, are hereby amended, deleted, modified or added to as more specifically set forth in the following sections of this chapter.

156.03 CONFLICTS. If conflicts arise in requirements with regards to specifications of materials or methods between portions of this code, between this code and other local codes or between this code and applicable State or Federal requirements, the more stringent shall apply.

156.04 Administration: Section 641-25.1(105) Adoption, of the State Plumbing Code is amended as follows:

> Chapters 1 to 17 of the Uniform Plumbing Code (UPC), 2018 Edition, as published by the International Association of Plumbing and Mechanical Officials, 4755 E. Philadelphia Street, Ontario, California 91761-2816, are hereby adopted by reference with amendments as the state plumbing code authorized by Iowa Code section 105.4. Portions of this chapter reproduce excerpts from the 2015 International Plumbing Code; Copyright 2014; Washington, D.C.: International Code Council. Such excerpts are reproduced with permission, all rights reserved. www.ICCSAFE.org
> [**ARC 8860B**, IAB 6/16/10, effective 7/21/10; **ARC 1089C**, IAB 10/16/13, effective 11/20/13; **ARC 2474C**, IAB 3/30/16, effective 6/1/16; **ARC 3062C**, IAB 5/10/17, effective 6/14/17]

~~**INTERNATIONAL FUEL GAS CODE.** The Hiawatha Plumbing Code is hereby amended by adding a new Section 101.2.2 to the *International Plumbing Code* as follows:~~

~~101.2.2 The *International Fuel Gas Code, 2018 Edition*, as further amended is hereby adopted and shall be considered as part of this code.~~

156.05 Repealed

~~**STATE PLUMBING CODE.** The Hiawatha Plumbing Code is hereby amended by adding a new Section 105.2.2 to the *International Plumbing Code* as follows:~~

~~105.2.2 The most recent version of the *Iowa State Plumbing Code,* is hereby approved as an equivalent method for complete plumbing systems.~~

~~Exception: 1. Administrative regulations shall be as provided in the *International Plumbing Code,* as amended in this Chapter.~~

156.06 PERMIT & FEES REQUIRED. The Hiawatha Plumbing Code is hereby amended by repealing Section 104.5~~6.6.2~~ of the ~~International~~ UPC~~Plumbing Code~~, and replacing said section ~~with a new Section 106.6.2~~ as follows:

> 104.5~~6.6.2~~ The fees for all plumbing work shall be as set forth in Table 1-A as adopted by resolution of the Hiawatha City Council and this section.

156.07 REISPECTION FEE. Section 105.2.6 Reinspections, is amended by deleting the fourth paragraph in its entirety. ~~**REFUNDS.** The Hiawatha Plumbing Code is hereby amended by deleting the words "[SPECIFY PERCENTAGE]" from Section 106.6.3 (2.) and (3.) of the *International Plumbing Code,* and replacing said words with "80 percent".~~

156.08 VIOLATION. The Hiawatha Plumbing Code is hereby amended by replacing ~~adding a new~~ Section 106.0~~8.1.1~~ to the *UPC~~International Plumbing Code~~*, as follows:

> 106.0~~8.1.1~~ Penalties. Specifics of information for Section 106.0~~8~~, Violations, shall be as set forth in City of Hiawatha Code of Ordinances Chapter 4.

156.09 BOARD OF APPEALS. The Hiawatha Plumbing Code is hereby amended by replacing Section 107.0 of the UPC as follows:

> 107.0 Board of Appeals: Any appeals arising from any act of the administrative authority in the determination of the suitability of alternate materials and methods of installation or construction and provide reasonable interpretations, and of variances from the Hiawatha Plumbing Code shall be heard by the Board of Appeals (hereinafter "Board") as set forth in Chapter 159 of this Code of Ordinances.

156.10 INSPECTION AND TESTING OF BACKFLOW PREVENTION ASSEMBLIES. The Hiawatha Plumbing Code is hereby amended by repealing Section 603.4.2~~312.10~~ of the *UPC~~International Plumbing Code~~* and replacing said section with a new section 603.4.2~~312.10~~, as follows:

> 603.4.2~~312.10~~ Inspection and testing of backflow prevention assemblies. Registration, inspection and testing of backflow prevention assemblies shall be in accordance with the Hiawatha Water Board Rules and Regulations Section 11 b.

156.11 CROSS-CONNECTION CONTROL: The Hiawatha Plumbing Code is hereby amended by adding a new Section 603.1.1 to the *UPC*, as follows:

> 603.1.1 All backflow prevention assemblies connected to the Hiawatha water system shall be registered, tested and inspected in accordance with the Hiawatha Water Department Rules and Regulations Section 11b, as authorized by Hiawatha City Council.~~**DRINKING FOUNTAIN SUBSTITUTION.** The Hiawatha Plumbing Code is hereby amended by repealing Section 410.4 of the *International Plumbing Code* and replacing said section with a new section 410.4, as follows:~~
>
> ~~410.4 Substitution. Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. In other occupancies where drinking fountains are required, water dispensers shall be permitted to be substituted for the required number of drinking fountains.~~

156.12 SIZE OF METER AND BUILDING SUPPLY PIPE. The Hiawatha Plumbing Code is hereby amended by amending~~repealing~~ Section 610.8~~03.1~~ of the *UPC~~International Plumbing Code~~*~~, and replacing said section with a new section 603.1~~, as follows:

610.8.1 General Requirements: The size and installation of the meter and the building supply pipe shall be as follows:

610.8.1.1~~03.1 Size of Meter and Building Pipe.~~ No building supply pipe shall be less than one inch (25. mm) in diameter.

610.8.1.2~~03.1.1~~ Remote Reader Conduit. All buildings using City water shall have installed a hard metal conduit starting within 12 inches of the water meter inside location. The conduit shall not have 90 degree right angle fittings. All bends must be sweeping to let wire feed through easily. All commercial, industrial and apartments over dwelling units shall install 3/4-inch conduit. All residential buildings dwelling units and less including single family homes shall have 1/2-inch conduit installed. The conduit shall end in a location with the other utility metering devices and be flush with the outside of the building.

610.8.1.3~~03.1.2~~ Meter Clearances. There shall be suitable place for the meter, so as to keep it dry and clean with ready access at all times, and with a minimum clear work space of 30 inches deep by six feet high. All valves and fittings necessary ~~to provide~~to provide connection to meter shall be provided by the owner.

610.8.1.4~~03.1.3~~ Protection of Meters and Equipment. No one shall in any way interfere with the proper registration of a water meter, and no one except an authorized employee of the Water Department shall break the seal of a meter, except the Water Department may grant written permits to plumbers in case of emergency to break such seal for draining pipes or stopping water leaks.

610.8.1.5~~03.1.4~~ All water meters must be installed prior to requesting final inspections.

610.8.1.6~~03.1.5~~ All water service lines on commercial buildings shall be protected with a listed RPZ backflow preventer.

610.8.1.7~~03.1.6~~ All water service lines shall be single piece and without joints where located under a building.

610.8.2 Table 610.4: In addition to the general requirements in 610.8.1.1 through 6108.1.7 the size of the meter shall be determined using UBC Table 610.4 as directed:

Items (1) through (6) in UPC Section 610.8 to remain unchanged.

156.13 Repealed~~CROSS CONNECTION CONTROL~~. ~~The Hiawatha Plumbing Code is hereby amended by adding a new Section 608.1.1 to the *International Plumbing Code*, as follows:~~

~~608.1.1 All backflow prevention assemblies connected to the Hiawatha water system shall be registered, tested and inspected in accordance with the Hiawatha Water Department Rules and Regulations Section 11b, as authorized by Hiawatha City Council.~~

156.14 Repealed

~~**Water Service Protection.** The Hiawatha Plumbing Code is hereby amended by replacing Section 608.5 of the International Plumbing Code as follows:~~

~~608.5 Water Service Protection: Water service piping shall be protected in accordance with Section 603 as adopted and amended herein.~~

156.15 Repealed

~~**EXCEPTION (BACKWATER VALVE).** The Hiawatha Plumbing Code is hereby amended by adding a new exception to Section 714.1of the *International Plumbing Code*, as follows:~~

~~EXCEPTION: The requirements of this Section shall apply only when it is determined necessary by the City Engineer based on local conditions.~~

~~**156.16 FROST CLOSURE**. The Hiawatha Plumbing Code is hereby amended by deleting Section 903.2 from the *International Plumbing Code*, and inserting in lieu thereof the following:~~

> ~~903.2 Frost Closure. Where the 97.5 percent value for outside design temperature is 0°F or less, every vent extension through a roof or wall shall be not less than 3 inches in diameter. Any increase in the size of the vent shall be made inside the structure at a point not less than 1 foot below the roof or inside the wall.~~

156.17 SAND INTERCEPTOR REQUIREMENTS. The Hiawatha Plumbing Code is hereby amended by adding the following new section 1009.8~~3.5.1~~ to the UPC~~International Plumbing Code~~ as follows:

> 1003~~9.8.5.1~~ A sand interceptor shall be required in all enclosed buildings which have doors which could allow driving, storing or loading a vehicle inside of a building and wherein a floor drain is provided.

156.18 DRAINAGE DISCHARGES. The Hiawatha Plumbing Code is amended by adding Section 1101.6.6~~13.2~~ to the UPC~~International Plumbing Code~~ as follows.

> 1101.6.6~~13.2~~ —Sub-soil foundation drains shall also discharge in accordance with Hiawatha Code Section 97.02

156.19 Construction Documents: State Plumbing Code Section 25.4(11) shall be amended as follows:

a. Section 1304.6 through 1304.6.3 Construction Documents. Delete the sections.
b. Section 1319.3 Report Items. Modify the section by deleting "Authority Having Jurisdiction" and inserting "responsible facility authority" in lieu thereof.

~~**156.19 SUBSURFACE LANDSCAPE IRRIGATION SYSTEMS.** The Hiawatha Plumbing Code is hereby amended by deleting Section 1401.1 from the *International Plumbing Code*, and inserting in lieu thereof the following:~~

> ~~1401.1 Scope. The provisions of Chapter 14 shall be optional and for information only of the materials, design, construction and installation of subsurface landscape irrigations systems connected to nonpotable water from on-site water reuse systems.~~

156.20 CODE ON FILE. An official copy of the Hiawatha Plumbing Code hereby adopted, including a certificate by the Clerk as to its adoption and the effective date thereof, is on file in the office of the Clerk in City Hall and shall be kept there on file, and copies shall be available for public inspection. The Community Development Department shall furnish a copy of this Plumbing Code hereby adopted to the Hiawatha Public library.

SECTION 2. SEVERABILITY CLAUSE. If any section, provision or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

SECTION 3. WHEN EFFECTIVE. This ordinance shall be in effect from and after its final passage, approval and publication as provided by law.

PASSED AND APPROVED this 5th day of September, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk

I, Kelly Kornegor, City Clerk of the City of Hiawatha, Iowa, do hereby certify that the foregoing ORDINANCE was PASSED and APPROVED by the City Council of the City of Hiawatha, Iowa, on the 5th day of September, 2018, and was posted as Ordinance No. ____ on the ____ day of September, 2018.

_____
Kelly Kornegor, City Clerk