F8abc

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF HIAWATHA, IOWA, 1996, BY AMENDING CHAPTER 157 ELECTRICAL CODE TO ADOPT 2018 INTERNATIONAL CODE STANDARDS

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

SECTION 1. Chapter 157 Electrical Code of the Code of Ordinances of the City of Hiawatha, Iowa, 1996, is hereby amended as follows:

CHAPTER 157

ELECTRICAL CODE

157.01 ICC Electrical Code & National Electrical Code Adopted

157.02 Amendments to the Electrical Code

157.03 Permits & Fees Required

157.04 Penalties

157.05 Electrical Board of Appeals

157.06 Nonmetallic-Sheathed Cable

157.07 Smoke Detectors and Carbon Monoxide Detectors

157.08 Repealed~~Clear Space~~

157.09 Receptacles

157.10 Repealed~~Counter Tops~~

157.11 ~~11~~ Repealed~~Paragraphs Added to Article 230~~

157.12 Repealed~~Uses Permitted~~

157.13 Repealed~~Uses Not Permitted~~

157.14 Remote Water Meter Reader Conduit

157.01 ICC ELECTRICAL CODE & NATIONAL ELECTRICAL CODE ADOPTED. Except as hereinafter amended, there is hereby adopted as the Electrical Code of the City of Hiawatha that certain Electrical Code known as the ~~*2015*~~ *2018 International Building Code* Appendix K, Administrative Provisions as promulgated by the International Code Council including the referenced *National Electrical Code,* ~~*2014*~~ *2017 Edition*, as prepared and edited by the National Fire Protection Association, which codes are hereby specifically incorporated by reference and shall be known as the Hiawatha Electrical Code. The provisions of said Electrical Code shall be controlling in the installation, alterations, repairs, removals, renewals, replacements, connection, disconnection and maintenance of all electrical equipment within the corporate limits of the City. For the purpose of this Chapter, the term "electrical equipment" means all materials, wiring, conductors, fittings, devices, appliances, luminaires, signs and apparatus or parts thereof comprising an electrical system within a structure or facility.

157.02 AMENDMENTS TO THE ELECTRICAL CODE. Certain sections and portions of sections of the *National Electrical Code,* and *International Building Code* Appendix K, Administrative Provisions

are hereby amended, deleted, modified or added to as more specifically set forth in the following sections of this Chapter.

157.03 PERMITS & FEES REQUIRED. The Hiawatha Electrical Code is hereby amended by adding this sentence to Section K103.1 of the *International Building Code* Appendix K, Administrative Provisions.

Permit fees shall be as established in Table 1-A by resolution of the City Council.

157.04 PENALTIES. Any person who fails to comply with the provisions of this code or who fails to carry out an order made pursuant to this code or violates any condition attached to a permit, approval or certificate shall be subject to enforcement and penalties as provided section 1.10 of the Code of Ordinances or may be cited as a municipal infraction under chapter 4 of the Code of Ordinances.

157.05 ELECTRICAL 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 Electrical Code shall be heard by the Board of Appeals (hereinafter "Board") as set forth in Chapter 159 of this Code of Ordinances.

157.06 NONMETALLIC-SHEATHED CABLE. The Hiawatha Electrical Code is hereby amended by deleting K111.4 of *2018~~2015~~ International Building Code* Appendix K, Administrative Provisions.

157.07 SMOKE DETECTORS AND CARBON MONOXIDE ALARMS. The Hiawatha Electrical Code is hereby amended by adding a new Section K111.8 to the *International Building Code* Appendix K, Administrative Provisions, as follows:

> Section K111.8. When an electrical service is installed or replaced in a dwelling or multiple dwelling unit building, smoke alarms and carbon monoxide alarms shall be of the type ~~installed~~ as required by Iowa Administrative Rule 661-210 and Chapter 1092 (S.F. 2219), the installation, interconnection, and power supply requirement shall be as set forth in -the 2018 International Residential Code or the 2018 International Building Code which ever applies, for each dwelling unit. ~~receiving power from the electrical service.~~

157.08 ~~CLEAR SPACE.~~ Repealed ~~The Hiawatha Electrical Code is hereby amended by deleting Section 110.26 (B) to the National Electrical Code, in its entirety and adding the following:~~

~~Section 110.26 (B). CLEAR SPACES. For electrical equipment located in rooms that contain storage areas, the required working clearances as prescribed in this Article shall be maintained by providing approved rigid barriers and labels.~~

~~Exception 1: Within individual residential dwelling units.~~

~~Exception 2: Where barriers would obstruct exit pathways the authority having jurisdiction for enforcing this Code may grant an exception or approve an alternate method.~~

~~FPN: Barriers shall be a minimum of 36 inches in height, the full width of the required working area and meet the load requirements as prescribed by the Building Code for guardrails.~~

157.09 RECEPTACLES. The Hiawatha Electrical Code is hereby amended by adding an additional exception to Section 210.8 (A) (5) of the *National Electrical Code,* which shall read as follows:

> Exception No. 2 to (5): The sump pump receptacle shall not be required to be GFCI protected. A single receptacle supplying a permanently installed sump pump, providing that the sump pump receptacle is permanently and clearly labeled "for sump pump use only" and providing there is at least one GFI protected duplex receptacle available for use within the room or area in which the sump pump receptacle is located.

157.10 ~~COUNTER TOPS.~~ Repealed ~~The Hiawatha Electrical Code is amended by deleting portions of Section 210.52(C) of the *National Electrical Code.*~~

~~Delete Section 210.52 (C)(3) Peninsular Counter Spaces.~~

157.11 Repealed

~~**PARAGRAPHS ADDED TO ARTICLE 230.**~~

> ~~1. The Hiawatha Electrical Code is hereby amended by adding a second paragraph to Section 230.26 of the *National Electrical Code,* as follows:~~
>
> > ~~The point of attachment of service entrance for all structures shall be located at a point approved by the utility serving the premises and complying with other provisions of this article.~~
>
> ~~2. The Hiawatha Electrical Code is hereby amended by adding a second paragraph to Section 230.28 of the *National Electrical Code,* as follows:~~
>
> > ~~Where a service mast is used for the support of service drop conductors, the service raceway shall be a minimum of 2" rigid galvanized steel conduit.~~

157.12 ~~USES PERMITTED.~~ Repealed

~~The Hiawatha Electrical Code is hereby amended by repealing Section 334.10 (1) thru (5) of the *National Electrical Code,* and replacing it with a new Section 334.10 as follows:~~

> ~~Section 334.10. Uses Permitted. Type NM, Type NCM and Type NMS cables shall be permitted in the following:~~
>
> > ~~(1) One and two-family dwellings.~~

~~(2) Multi-family dwelling structures containing not more than twelve (12) dwelling units, except as prohibited in Section 334.12. For the purpose of this section, multi-family dwelling structures are buildings that contain only dwellings and no other uses.~~

~~(3) Structures and uses, accessory to dwelling units of numbers (1) and (2) above.~~

~~FPN: See Section 310.10 for temperature limitation of conductors.~~

157.13 ~~USES NOT PERMITTED.~~ Repealed

~~The Hiawatha Electrical Code is hereby amended by adding an eleventh and twelfth condition to Section 334.12 (A) of the *National Electrical Code,* (Uses Not Permitted, Types NM, NMC and NMS cable) as follows:~~

~~Section 334.12 (A)~~

~~(11) For commercial, educational, ceremonial or public uses.~~

~~(12) Uses not specified in 334.10.~~

157.14 REMOTE WATER METER READER CONDUIT. The Hiawatha Electrical Code is hereby amended by adding a second paragraph to Article 725.8(b) of the *National Electrical Code,* as follows:

Article 725.8(b) 2nd paragraph

All buildings using City water shall have installed a metallic conduit starting within 12 inches of the water meter inside location. The conduit shall not have 90 degree right angle fittings. All bends shall be sweeping to let wire feed through easily. All commercial and industrial buildings and apartment buildings over 4-plex shall install ¾ inch conduit. All single family dwellings, duplexes, 3-plex and zero lot line dwellings shall have ½ inch conduit installed. The conduit shall end with the other utility metering device(s) on the outside of the building.

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 2nd day of May, 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 2nd day of May, 2018, and was posted as Ordinance No. _____ on the _____ day of May, 2018.

_____
Kelly Kornegor, City Clerk