ORDINANCE NO. 6514

AN ORDINANCE TO AMEND CHAPTER 13.16, ELECTRICAL CODE OF THE 2020 MUNICIPAL CODE OF COUNCIL BLUFFS, IOWA BY AMENDING AND RETITLING SECTION 13.16.010 "ADOPTION BY REFERENCE"; REPEALING SECTION 13.16.025 "ELECTRICAL STANDARDS"; RETITLING SECTION 13.16.310 "REPLACE-VERTICAL CLEARANCE FROM GROUND"; REPEALING SECTION 13.16.330 "ARTICLE 230.79(C)"; AND AMENDING AND RETITLING SECTION 13.16.485 "FENCE, ELECTRICALLY CHARGED SECURITY".

BE IT ORDAINED
BY THE CITY COUNCIL
OF THE
CITY OF COUNCIL BLUFFS, IOWA

SECTION 1. That Chapter 13.16, Electrical Code of the 2020 Municipal Code of Council Bluffs, Iowa, be and the same is hereby amended by amending the following sections to read as follows:

13.16.010 Adoption

That a certain document being designated as the National Electrical Code, 2020 Edition, as published by National Fire Protection Association of Quincy, Massachusetts, including the Electrical Standards referenced herein, are hereby adopted as the Electrical Code of the City of Council Bluffs, Iowa, one copy of which is on file and open for inspection by the public in the office of the building official, is hereby referred to, adopted, and made part hereof as if fully set out in this chapter.

The City of Council Bluffs Electrical Code shall coincide with the state of Iowa Electrical Code, as amended and mandated by the State of Iowa Public Safety Department as described in the Iowa Admin. Code 661, Chapter 301.5(103A) entitled "Electrical requirements."

13.16.310 Vertical Clearance From Ground

Article 230.24(B)(2) shall be deleted and replaced to read as follows:

2) Twelve (12) feet over residential occupancies, sixteen (16) feet over driveways and those commercial areas not subject to truck traffic where the voltage is limited to three hundred volts to ground.

(Ord. No. 6104, § 2, 11-8-2010)

13.16.485 Fence, Electrically Charged

The construction and use of electrically charged fencing shall be installed within the corporate limits of the City of Council Bluffs as provided in this chapter, subject to the following:

A. Installation. Unless otherwise specified herein, electrically charged fences shall be constructed or installed in conformance with the specifications set forth in the International Electro Technical Commission (IEC) Standard No. 60335-2-76, 2018 3rd Edition, and in compliance with the zoning regulations of the City of Council Bluffs.
B. Electrification.
    1. The energizer for electrically charged security fencing must be driven by a commercial storage battery not to exceed twelve (12) volts DC. The storage battery shall be charged

primarily by a solar panel, however, the solar panel may be augmented by a commercial trickle charger.

2. The electric charge produced by the fence upon contact shall not exceed energizer characteristics set forth in paragraph 22.108 as depicted in figure 102 of the IEC Standard No. 60335-2-76, 2018 3rd Edition.
3. Non-low voltage electrical components (e.g. controllers, transformers) of the electric fencing system shall be approved and listed by an Occupational Safety and Health Act (OSHA) Nationally Recognized Testing Laboratory (NRTL).

C. Warning Signs. An electrically charged security fence shall be clearly identified with warning signs that read, "Warning-Electric Fence-High Voltage" at intervals not to exceed sixty (60) feet in developed spacing with a minimum of two per longitudinal length of fencing and within ten (10) feet of any means of ingress/egress through the fencing barrier. Signage shall be provided in both English and Spanish. Additionally, symbolic icon signage shall be provided at each required location as established in the IED Standard 60335-2-76 2018 3rd Edition, depicting electrified fencing.

D. Means of Disconnection. Access to means of disconnection must be provided to the Council Bluffs Fire Department either through a readily accessible route or by providing an approved Knox Box. Signage shall be posted stating the means of disconnection location.

E. Permit Fees. All electric fences shall require a permit fee as established in CBMC 2.08 “Schedule of Fees.”

SECTION 2. REPEALER. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

SECTION 3. SEVERABILITY CLAUSE. If any of the provisions of this ordinance are for any reason declared illegal or void, then the lawful provisions of this ordinance which are severable from said unlawful provisions shall be and remain in full force and effect, the same as if the ordinance contained no illegal or void provisions.

SECTION 4. EFFECTIVE DATE. This ordinance shall be in full force and effect from and after its final passage and publication, as by law provided.

PASSED
AND July 25, 2022.
APPROVED

_____
MATTHEW J. WALSH Mayor

Attest: _____
JODI QUAKENBUSH City Clerk

First Consideration: 7-11-22
Second Consideration: 7-25-22
Public Hearing: 7-25-22
Third Consideration: _____