ORDINANCE NO. 8412-2020

AN ORDINANCE AMENDING TITLE XV (LAND USAGE), CHAPTER 151 (ELECTRIC CODE) OF THE REVISED CODE OF ORDINANCES OF BELLEVILLE, ILLINOIS, AS AMENDED, BY AMENDING PORTIONS OF SECTIONS THEREOF

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.


BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Section 1. That Section 151.02 is hereby amended by repealing Section 151.02 in its entirety, and substituting in lieu thereof the following:

§ 151.02 ELECTRICAL COMMISSION.

(A) (1) There is hereby established an Electrical Commission which shall consist of six-eight members, as follows. The Electrical Inspector and Chief Fire Inspector, or the Chief of the Fire Department, who shall be ex-officio members of such Commission, and the other six members shall be appointed as follows:

(a) one shall be a registered-licensed electrical contractor registered with the City of Belleville for at least five (5) years before appointment;
(b) one a journeyman master electrician with at least five (5) consecutive years experience before appointment;
(c) one a representative of an inspection bureau maintained by the fire underwriters (or Chief of the Fire Department); one a consulting professional or electrical engineer; and
(d) one a representative of an electrical utility company;
(e) two consumer members or of the general public, each being:
(1) a resident of the City of Belleville;
(2) not subject to regulation by the Electrical Commission;
(3) not having any financial interest or receiving compensation from a person or company regulated by the Electrical Commission, nor within the last two (2) years before appointment.

Such members shall be appointed for a term of four years by the Mayor with the advice and consent of the City Council.
(3) The Electrical Commission shall elect one member to serve as chairperson from among those appointed. The chairperson shall appoint a vice chairperson and a recording secretary from among the members.

(24) The Electrical Inspector and the Chief Fire Inspector shall serve on such Commission without additional compensation therefor. The appointed members shall likewise receive no compensation as members of the Commission.

(B) The Electrical Commission shall recommend safe and practical standards and specifications for the installation, alteration and use of electrical equipment designed to meet the necessities and conditions that prevail in the city, shall ascertain by written and/or oral examination, the knowledge and experience of all applicants for registration all applicants who have satisfactorily passed the examination. It shall recommend reasonable rules and regulations governing the issuance of permits by the Electrical Inspection Department. It shall recommend reasonable fees to be paid for permits and inspection by the Electrical Inspection Department of all electrical equipment installed or altered within the city. Such standards and specifications, rules and regulations and fees shall not become effective until adopted by ordinance by the City Council.

Section 2. That Section 151.06 is hereby amended by repealing Section 151.06 in its entirety, and substituting in lieu thereof the following:

§ 151.06 INSPECTIONS.

(A) The Electrical Inspector shall inspect and shall require that all installations conform to the 2005—edition of the National Electrical Code as published by the National Fire Protection Association, Inc., and as adopted by the City of Belleville, and all subsequent corrections and updates thereof.

(B) The Electrical Inspector shall have the right during reasonable hours to enter any building in the discharge of his or her official duties, for the purpose of making any inspection or test of the installation or alteration of electrical equipment contained therein, and shall have the authority to cause the turning off of all electrical currents and to cut or disconnect any conductors where such electrical currents are dangerous to life or property, or may interfere with the work of the Fire Department.

(C) Any reinspection made necessary by the installer’s failure to meet this Code shall be charged for each additional inspection, the minimum fee as per fee schedule.

Section 3. That Section 151.07 is hereby amended by repealing Section 151.07 in its entirety, and substituting in lieu thereof the following:

§ 151.07 CERTIFICATE OF APPROVAL.
(A) Upon the completion of the installation or alteration of electrical equipment in any building, it shall be the duty of the person installing or altering the same to notify the Electrical Inspector who shall inspect the work within two working days as soon as practical after such notice is given and, if such electrical installation is found to be fully in compliance with this Code, he or she shall issue a certificate of approval authorizing connection to the electrical service.

(B) All wiring which is to be concealed shall be inspected and a certificate of approval issued before concealment and any person installing such wiring shall notify the Electrical Inspector giving him or her a minimum of two working days in which to make the required inspection before such wiring is concealed.

Section 4. That Section 151.08 is hereby amended by repealing Section 151.08 in its entirety, and substituting in lieu thereof the following:

§ 151.08 NATIONAL ELECTRIC CODE.

No certificate of approval will be issued unless the electrical installation is in strict conformity with the provisions of this chapter, the statutes of the state, the 2005 2014 edition of the National Electrical Code as published by the National Fire Protection Association, Inc., and Section 605 of the 2015 International Fire Code Article 690 Solar Photovoltaic (PV) Systems of the 2014 edition of the National Electrical Code, as applicable.

Section 5. That Section 151.11 is hereby amended by repealing Section 151.11 in its entirety, and substituting in lieu thereof the following:

§ 151.11 INSTALLATION REGULATIONS.

(A) Where any building is undergoing remodeling, all changes to be made to the electrical installation must be reviewed with the Electrical Inspector and a permit obtained before the work proceeds.

(B) Permits shall be issued to licensed electrical contractors or a homeowner, provided the homeowner personally performs the electrical work and provided that the electrical work is to be installed in the home occupied by the owner and that the home is a single-family residence. All electrical work performed on rental property, commercial property and/or industrial property shall be performed by an electrical contractor licensed by the City of Belleville.

(C) Homeowner permits are not required for minor electrical repairs. MINOR ELECTRICAL REPAIRS shall be defined as replacement of outlets, switches, lampholders, light fixtures, fractional HP motors (of the same HP), where replacement does not require any alteration of the existing wiring.

(D) Permits may also be issued to specialized contractors, bonded with the city, engaged in the business of installing major electrical appliances, solely for the reconnection of major appliances, furnaces, condensing units and water heaters.
from the existing disconnect mounted at or near the unit where the reconnection does not require any alteration of the existing wiring.

(E) When a permit is issued, as provided herein, the Electrical Inspector will inspect such installation and will issue a certificate of approval if the installation meets the requirements of this Code.

Section 6. That Section 151.12 is hereby amended by repealing Section 151.12 in its entirety, and substituting in lieu thereof the following:

§ 151.12 FEES.

(A) The office of the Electrical Inspector shall collect all fees in advance and shall turn all fees over to the City Treasurer and shall make a monthly report of fees to the City Council.

(B) Fees for electrical permits shall be based upon and as set forth on the accompanying fee schedule. In cases where any work for which an electrical permit is required has been started without the issuance of the necessary permit, the total fees as required for the permit shall be doubled. Permit fees are to be paid before the electrical permit shall be issued.

Section 7. That Section 151.14 is hereby amended by repealing Section 151.14 in its entirety, and substituting in lieu thereof the following:

§ 151.14 USER CHANGES; AMERENUE—AMEREN ILLINOIS TO NOTIFY CITY.

Any month when there is a change of usernamé of residential (rate 001) or non-residential (rate 043)—electric service within the city, AmerenUE—Ameren Illinois Company—shall notify the Building Commission (or other appropriate official) of the city in writing within seven working days after the end of the month of said changes, indicating the address and apartment or unit number in whose name the service is connected or billed.

Section 8. That Section 151.28 is hereby amended by repealing Section 151.28 in its entirety, and substituting in lieu thereof the following:

§ 151.28 SPECIFIC REQUIREMENTS FOR COMMERCIAL BUILDINGS.

Specific requirements for commercial buildings which are not industrial buildings or buildings for specific occupancies shall include:

(A) No ENT conduit, MC cable or AC cable allowed;

(B) All conduit run on the exterior of a building, must be rigid galvanized conduit or schedule 40 PVC unless subject to physical damage, in which case schedule 80 PVC or rigid galvanized conduit will be required;
(C) Ground wire for electrical service (#6 for 100 amp; #4 for 200 amp) to ground rods shall be installed in PVC conduit;

(D) All overhead service masts (risers) shall be rigid galvanized conduit. All overhead service masts (risers) penetrating the roof shall be minimum of two-inch rigid galvanized conduit;

(E) Aluminum wire is not permitted, except on the utility side of the metering device in which the service feeders are installed underground;

(F) Service feeders and neutral shall be of equal size and rating;

(G) No tandem breakers allowed in new installation;

(H) All motor driven appliances must be on a separate circuit; and

(I) All commercial raceway shall be in approved conduit (thin wall or approved by electrical inspector).

(J) Rigid galvanized conduit, aluminum conduit or rigid PVC conduit shall be ran up to the service disconnecting means (first overcurrent protection device);

(K) All conductors shall be spliced together in boxes so that the removal of the device (switch, receptacle, light fixture, etc.) will not interrupt the continuity of the circuit. This must be completed prior to the rough-in inspection.

Section 9. That Section 151.29 is hereby amended by repealing Section 151.29 in its entirety, and substituting in lieu thereof the following:

§ 151.29 SPECIFIC REQUIREMENTS FOR RESIDENTIAL BUILDINGS.

Specific requirements for residential buildings shall include:

(A) No ENT conduit, MC cable or AC cable allowed;

(B) All conduit run on the exterior of a building, must be rigid galvanized conduit or schedule 40 PVC unless subject to physical damage, in which case schedule 80 PVC or rigid galvanized conduit will be required;

(C) Ground wire for electrical service (#6 for 100 amp; #4 for 200 amp) to ground rods shall be installed in PVC conduit;

(D) All overhead service masts (risers) shall be rigid galvanized conduit. All overhead service masts (risers) penetrating the roof shall be minimum of two-inch rigid galvanized conduit;

(E) Aluminum wire is not permitted, except on the utility side of the metering device in which the service feeders are installed underground;

(F) Service feeders and neutral shall be of equal size and rating;

(G) No tandem breakers allowed in new installations;

(H) All major appliances are to be on dedicated circuits, such as, but not limited to:

1. Refrigerator;
2. Freezer;
3. Washer;
4. Dryer (gas or electric);
5. Furnace;
6. All motor over 1/4 HP;
7. Dishwasher;
(8) Garbage disposal;
(9) Garage door openers;
(10) Sump pump;
(11) Range hood/microwave;
(12) Central vacuum;
(13) Jacuzzi or whirlpool;
(14) Air conditioner condensing unit;
(15) Window air conditioner; and
(16) P-Tac unit.

(I) All wiring having a voltage of 50 volts, or higher, to neutral (ground) shall be minimum size 12-gauge wire. All non-metallic sheathed cable (romex) shall be a minimum of 12 gauge;

(J) Not more than four outlets per circuit permitted in kitchen and dining area. All others, up to eight outlets per circuit;

(K) A maximum of three non-metallic sheathed cables (romex) will be permitted in any drilled hole;

(L) All branch circuits are to be sized to ampere rating of installed equipment (12-gauge minimum sizes);

(M) Hallway shall have at least one receptacle outlet;

(N) Minimum of three spare, full sized, spaces shall be left in the panel for future on all new installations; and

(O) Ground rods: copper-clad ground rods are required and shall be a minimum of five-eighths inch by eight feet long.

(P) Rigid galvanized conduit, aluminum conduit or rigid PVC conduit shall be ran up to the service disconnecting means (first overcurrent protection device);

Q) All conductors shall be spliced together in boxes so that the removal of the device (switch, receptacle, light fixture, etc.) will not interrupt the continuity of the circuit. This must be completed prior to the rough-in inspection.

Section 10. That Section 151.40 is hereby amended by repealing Section 151.40 in its entirety, and substituting in lieu thereof the following:

§ 151.40 DEFINITIONS.

For the purpose of this subchapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

DESIGNATED PERSON. Any person, partnership, firm or corporation seeking an electrical contractor's or electrical sign contractor's license shall designate an individual owner, partner, officer or that is a full time employee to apply for, take and pass the examination hereinafter described. The owner, officer or partner must be a full-time employee drawing a salary comparable to that of an owner, officer or partner. The city may shall request proof that the person designated is an owner, partner, officer or and full-time employee. If the license fails to provide proof within 14 days of the request, the license may be revoked. The electrical contractor's or electrical sign contractor's license shall be issued to the person, partnership, firm or corporation designating the person and such license shall be
valid as long as the DESIGNATED PERSON remains an owner, partner or officer and full time employee of such firm and pays the annual registration fee prescribed hereinafter. Such designated person shall be deemed to be in charge of and responsible for the supervision of any electrical work performed in the city. An individual may serve as the DESIGNATED PERSON for only one electrical contractor. The DESIGNATED PERSON shall produce such evidence as the Electrical Commission may require to establish that the individual is an owner, partner or officer of the corporation for which the individual is serving as the DESIGNATED PERSON. An individual serving as DESIGNATED PERSON for an electrical contractor shall not be employed by another electrical contractor effective 5-1-2011. In the event the DESIGNATED PERSON is terminated, laid-off, sick or otherwise incapable of accepting the responsibilities thereof, the company will have one calendar year in order to appoint another DESIGNATED PERSON. In order for this grace period to become effective, the company will be required to furnish the City with a bond in accordance with section 115.45 of this Chapter for the duration of such period. If no DESIGNATED PERSON is appointed by the company within one year, the company’s electrical license shall be immediately revoked.

ELECTRICAL CONTRACTOR. Any person, partnership, firm or corporation whose principal business is the installing or altering of electrical equipment, including persons engaged in the business of installing, erecting or altering any electrical service or equipment and making service connections of material, wiring, fixtures, machinery and other apparatus to be used, or in use for the generation and utilization of electricity, the transmission of light, lighting (direct or indirect), heat, air conditioning or power in or on any building or premises in the city; or a person engaged in the installing, erecting or altering of electrical apparatus for remote controls or systems that are pertinent to public health or safety; or grounding or bonding of any type, including status or cathodic; and all raceways, or engaged in the installation, erecting, altering or maintenance of signs. This shall include, but not be limited to, all 120-volt or more circuits serving systems such as fire alarms, security device and burglar alarms that interfere with building systems.

ELECTRICAL SIGN CONTRACTOR. Any person, partnership, firm or corporation who engages in the business of installing, erecting, altering or maintaining any electrical service or equipment relating to signs.

Section 11. That Section 151.43 is hereby amended by repealing Section 151.43 in its entirety, and substituting in lieu thereof the following:

§ 151.43 QUALIFICATIONS OF APPLICANTS.

(A) The Electrical Commission shall receive, record and preserve all applications from persons made for an electrical contractor’s or electrical sign contractor’s license.

(B) An applicant for an electrical contractor’s or electrical sign contractor’s license must be at least 21 years of age and satisfy one of the following requirements:
(1) Furnish written evidence that he or she is a graduate electrical engineer of an accredited college or university and has one year of practical electrical experience in the construction industry;

(2) He or she is a graduate of a recognized two-year electrical trade school or school of electrical technology or technical college and has at least four years of practical experience on electrical work or has one year of practical experience in planning, laying out, supervising and installing wiring, apparatus or equipment for electrical light, heat and power beyond the practical experience requirements for a journeyman’s license; or

(3) An applicant for an electrical contractor’s license shall furnish written evidence that he or she has at least six years of previous practical experience in personally installing, altering or repairing electric wiring for electric light, heat or power;

(4) An applicant for an electrical sign contractor’s license shall furnish written evidence that he or she has at least six years of previous practical experience in personally installing, erecting, altering or repairing electric service and electric equipment relating to signs. In lieu of previous practical experience, credit may be allowed for each full time academic year of successful completion of a recognized trade school or accredited apprenticeship if the majority of courses taken by the applicant were primarily directed at education in the electrical industry.

(C) All applications shall be interviewed by the Electrical Commission to determine their qualifications. Letters of reference attesting to the applicant’s practical experience shall be received by the Commission prior to the applicant being interviewed. Forms of written evidence shall include W-2 tax form, income tax returns, pension report, social security reports, etc.

Section 12. That Section 151.44 is hereby amended by repealing Section 151.44 in its entirety, and substituting in lieu thereof the following:

§ 151.44 APPLICATION PROCEDURES.

(A) No person will be permitted to take the written examination without being first interviewed by the Electrical Commission. A schedule of meetings with the Electrical Commission will be provided to the applicants.

(B) An “application for electrical contractor license” or “application for electrical sign contractor license” must be completed by the applicant that includes years of experience, background, education and the like.

(C) Upon completion of the application, the applicant will be scheduled to appear before the Electrical Commission to discuss his or her qualifications.

(D) A registration fee, per attached fee schedule, is required to be paid to the city in order to process the application to take the written examination.

(E) A separate registration fee, per attached fee schedule, is required to be made each time the individual plans to take the examination.

(F) Upon approval to sit for the examination, the applicant will be given an “examination registration form” that is required to be submitted directly to an independent testing organization selected by the Electrical Commission with the
appropriate examination fee. This registration form must be signed by an
appropriate city official before it is mailed to the independent testing organization.

(G) Applicants will receive information directly from the independent testing
organization on the specifics of the test site and location as well as other pertinent
information. Each applicant must have an admission letter that will be presented at
the test site in order to gain admittance to the examination.

(H) Upon complying with the application procedures and payment of the non-
refundable examination fee, the Electrical Commission shall cause the applicant to
be examined by the independent testing organization. A minimum grade of 75%
must be attained in order to qualify for licensing as an electrical contractor.

(I) The independent testing organization will provide the results of the
examination to the city within approximately three to four weeks of the exam date.
The applicant will be promptly notified of their exam results.

(J) (1) If the applicant receives a passing grade on the examination, he or she
will be required to seek the appropriate license from the city within one year from
date of test.

(2) After the Commission is satisfied the applicant has satisfied all
requirements of this subchapter, permits may be granted and work initiated.

(K) The Electrical Commission may waive the written examination for an
applicant for an electrical contractor’s license upon proof that the applicant
has passed the written exam for the adopted or newer code year
within three (3) years from the date of application. Verifiable proof of exam
passage shall be received directly from testing organization, in a manner
acceptable to the Electrical Commission. All other application procedures and
requirements shall be followed as outlined in this Chapter.

(L) The Electrical Commission may waive the written examination for an
applicant for an electrical sign contractor’s license upon proof that the applicant has
at least six years of satisfactory experience of installing, erecting, altering or
maintaining electrical signs in the city before the establishment of the requirement
of an electrical sign contractor’s license by the city.

Section 13. That Section 151.46 is hereby amended by repealing Section 151.46 in its
entirety, and substituting in lieu thereof the following:

§ 151.46 FAILURE TO PASS EXAMINATION.

Any applicant who fails the written examination shall be required to show proof
of additional education in the electrical code prior to reapplying to retake the
examination.

Section 14. That Section 151.48 is hereby amended by repealing Section 151.48 in its
entirety, and substituting in lieu thereof the following:

§ 151.48 SUSPENSION OR REVOCATION OF LICENSE.
The Electrical Commission, after a hearing with due notice to the licensee, may suspend or revoke the electrical contractor’s or electrical sign contractor’s license for violation of any of the following:

(A) Intentional violation of any of the provisions of this Electrical Code by any licensee;

(B) Misrepresentation of any material fact on the application or any misrepresentation in obtaining the license;

(C) Failure to perform electrical work in a good and workmanlike manner or performance of electrical work in a negligent manner or, if the licensee is found to be unfit or incompetent in performing electrical work for which the license has been issued;

(D) Continual, multiple, or egregious inspection violations found by the Electrical Inspector:

(EE) Allowing an electrical license to be used by another unauthorized person, partnership, firm or corporation for the purpose of obtaining permits or doing electrical work in the city;

(FF) Allowing the designated person to whom the license was issued to serve as a designated person for more than one person, firm, partnership or corporation;

(GG) Being in arrears on payment of electrical permit fees or in arrears in payment of any of city business license fees, tax levies or other fees;

(HH) Failure to maintain bond; and

(I) Failure to satisfy continuing education or the equivalent as required in § 151.45(C) of this chapter.

Section 15. That Section 151.49 is hereby amended by repealing Section 151.49 in its entirety, and substituting in lieu thereof the following:

§ 151.49 HEARING ON SUSPENSION OR REVOCATION OF LICENSE.

No electrical contractor’s or electrical sign contractor’s license shall be suspended or revoked until the licensee has been afforded an opportunity for a hearing before the Electrical Commission after notice of at least ten days. Such notice shall be served either personally or by first-class mail, postage prepaid, to licensee’s address of record and shall state the date, time and place of hearing and set forth the charges against the licensee. The licensee shall have the opportunity to present evidence and/or witnesses before the Electrical Commission in person or by counsel. A verbatim recording of the hearing shall be made by recording the same on a tape recorder, and preserved as required by Illinois law. The Board shall issue a decision in writing, within ten days of the conclusion of the hearing. The Electrical Commission may suspend or revoke the electrical contractor’s or electrical sign contractor’s license, in its sole discretion, based upon the severity of the offense committed. First offense may result in a suspension of up to 90 days which shall continue until reinstated by order of the Board. Second offenses may result in a suspension period of up to 180 days and shall continue until reinstated by order of the Electrical Commission. Subsequent offenses shall result in revocation of the
license for a period of not less than one year. Serious violations may result in revocation of the license immediately.

**Section 16.** That conflicting Ordinances or pertinent portions thereof in force the time this takes effect are hereby repealed.

**Section 17.** Should any portion of this Ordinance be declared void or unenforceable by any court of competent jurisdiction, such ruling shall not affect the validity of the surviving portions of this section.

**Section 18.** This Ordinance shall be in full force and effect from and after its passage, approval and publication, as provided by law.

**PASSED** by the City Council of the City of Belleville, Illinois, on this 21\textsuperscript{st} day of January, 2020 on the following roll call vote:

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**APPROVED** by the Mayor of the City of Belleville, Illinois this 22\textsuperscript{nd} day of January, 2020.

[Signature]

MARK W. ECKERT, MAYOR

**ATTEST:**

[Signature]

JENNIFER GAIN-MEYER, CITY CLERK