ORDINANCE NO. 8432-2020

AN ORDINANCE AMENDING TITLE XV (LAND USAGE), CHAPTER 151 (ELECTRICAL CODE), SECTIONS 151.28 (REQUIREMENTS FOR COMMERCIAL BUILDINGS) AND 151.29 (REQUIREMENTS FOR RESIDENTIAL BUILDINGS) 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 151.28 is hereby amended by repealing Section 151.28 in its entirety, and substituting in lieu thereof the following:

§151.29 SPECIFIC REQUIREMENTS FOR COMMERCIAL BUILDINGS.

Any and all electrical work for commercial buildings shall be in complete compliance with the requirements of the current edition of the National Electrical Code then in effect.
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 (#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).

Section 2. 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.

Any and all electrical work for residential buildings shall be in complete compliance with the requirements of the current edition of the National Electrical Code then in effect. 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 (#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;

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— (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. Tae 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.

Section 3. That conflicting Ordinances or pertinent portions thereof in force the time this takes effect are hereby repealed.

Section 4. 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 5. 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 2\textsuperscript{nd} day of March, 2020 on the following roll call vote:

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<td>Roger W. Barfield</td>
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APPROVED by the Mayor of the City of Belleville, Illinois this 17th day of March, 2020.

\[Signature\]

MAYOR

ATTEST:

\[Signature\]

CITY CLERK