

One-rdg. _____
P. Hrngs. _____
Pgs. 4
Filed: 04-12-22

Sponsored by: Ollis

First Reading: _____

Second Reading: _____

COUNCIL BILL 2022- 088

GENERAL ORDINANCE _____

AN ORDINANCE

1 AMENDING the Springfield City Code, Chapter 36, 'Land Development Code of the
2 City of Springfield,' Article XIX, 'Energy Conservation Code,' by
3 updating from the 2012 to the 2018 version of the International Energy
4 Conservation Code, as modified herein.
5
6

7 BE IT ORDAINED BY THE COUNCIL OF THE CITY OF SPRINGFIELD,
8 MISSOURI, as follows, that:
9

10 Section 1 – Springfield City Code, Chapter 36, Article XIX, 'Energy Conservation
11 Code,' is hereby repealed in its entirety and replaced with the following:
12

13 (Note: Language to be added is underlined and language being removed is ~~stricken~~.)
14

15 ARTICLE XIX. – 2018 INTERNATIONAL ENERGY CONSERVATION CODE
16

17 Sec. 36-1901. – Adoption of the “2018 International Energy Conservation Code.”
18

19 City Council hereby adopts the “2018 International Energy Conservation Code” as
20 published by the International Code Council, except such portions thereof as are
21 hereinafter deleted, modified, or amended. This code shall be designated as Article
22 XIX, International Energy Conservation Code, of Chapter 36 of the Springfield City
23 Code, known as the Land Development Code. One (1) copy of said Code is on file in
24 the office of the City Clerk, Busch Municipal Building, 840 Boonville Avenue,
25 Springfield, Missouri.
26

27 Sec. 36-1902. – Deletions, modifications, amendments, and additions.
28

29 The “2018 International Energy Conservation Code,” as adopted, is hereby amended
30 as follows:
31

- 32 (a) Chapter 1 is repealed in its entirety because code enforcement is covered in
33 Springfield City Code Chapter 36, Land Development Code, Article I,
34 Administration and Enforcement of Codes and Article X, Uniform
35 Enforcement Procedures.
36

- 37 (b) Because Chapter 1 is repealed in its entirety, any cross references to
38 Chapter 1 in subsequent chapters are replaced by the provisions in Article I
39 that correspond, in content, to such cross references.
40
41 (c) All adopted chapters and appendices of the IECC shall be amended, from
42 time to time, in accordance with all errata identified and published by the
43 International Code Council after the date of the IECC's first printing.
44

45 Section C402 Building Envelope Requirements

46 C402.1.1 Low Energy Buildings

47
48 The following low energy buildings, or portions thereof, separated from the
49 remainder of the building by *building-thermal-envelope* assemblies complying with
50 this section, shall be exempt from the *building-thermal-envelope* provisions of
51 section C402.
52

53
54 1. Those with a peak design rate of energy usage, less than 3.4 15 Btu/h*ft²
55 (~~40.7~~ 47.3 W/m²).
56

57 4. Storage Groups 'S-1/S-2'

58
59 5. Utility and Miscellaneous Group 'U'

60
61 6. Factory Group 'F-1/F-2'
62

63 Section C403 Building Mechanical Systems

64 C403.7.7 Shutoff damper controls.

65
66 Exceptions:

67
68 Gravity dampers shall be permitted for building of any height located in Climate
69 Zones 1, 2, ~~or 3,~~ and 4.
70
71

72 C405 Electrical Power and Lighting Systems

73 C405.2 Lighting Controls (Non-Mandatory)

74 C405.4 Exterior lighting power Requirements (Non-Mandatory)

75 76 77 78 C408 MAINTENANCE INFORMATION AND SYSTEM COMMISSIONING ~~System~~ 79 Commissioning (Non-Mandatory)

80 81 C503.1 Exceptions:

82
83 7. Renovations to existing buildings where it is technically infeasible to
84 conform to the IECC, as approved by the Building Official.
85

86 "IECC—RESIDENTIAL PROVISIONS," pp. R-1 through R-59 are deleted in
87 their entirety.

88
89 Sec. 36-1903. – Penalty clause.

90
91 Any person who: violates this article; fails to comply with any order issued pursuant
92 to any section thereof; or, erects, constructs, alters, or repairs a building, structure,
93 or system in violation of an approved plan or directive of the code official or of a
94 permit or certificate issued under the provisions of these codes, shall be guilty of a
95 violation of a municipal ordinance and upon conviction thereof shall be punished as
96 provided in section 1-7 of the City Code. Any fine imposed shall not be less than
97 \$200.00 for the first offense, \$400.00 for the second offense, and \$500.00 for every
98 offense thereafter. Each day that a violation continues, after a service of notice as
99 provided for in these codes, shall be deemed a separate offense. Notice as set forth
100 in section 36-166 shall not be required to prosecute a person for a violation of any
101 provision of this article or these codes, except such notice shall be required to
102 prosecute a person for failure to comply with an order.

103
104 Section 2 – Savings Clause. Nothing in this Ordinance shall be construed to
105 affect any suit or proceeding now pending in any court, any rights acquired, any liability
106 incurred, or any cause or causes of action accrued or existing, under any act or
107 ordinance repealed hereby, nor shall any right or remedy of any character be lost,
108 impaired, or affected by this Ordinance.

109
110 Section 3 – Severability Clause. If any section, subsection, sentence, clause,
111 or phrase of this Ordinance is for any reason held to be invalid, such decision shall not
112 affect the validity of the remaining portions of this Ordinance. Council hereby declares
113 that it would have adopted the ordinance and each section, subsection, sentence,
114 clause, or phrase thereof, irrespective of the fact that any one or more sections,
115 subsections, sentences, clauses, or phrases be declared invalid.

116
117 Section 4 – This Ordinance shall be in full force and effect on January 1, 2023.

118
119 Passed at meeting: _____

120
121 _____
122 Mayor

123
124 Attest: _____, City Clerk

125
126 Filed as Ordinance: _____

127
128 Approved as to form: Duke M. Donald, Assistant City Attorney

129
130
131 Approved for Council action: Jason A. Hays, City Manager
132

EXPLANATION TO COUNCIL BILL 2022-088

FILED: 04-12-22

ORIGINATING DEPARTMENT: Building Development Services

PURPOSE: To amend Chapter 36 of the Springfield City Code, known as the 'Land Development Code' Article XIX, International Energy Conservation Code, by replacing the 2012 International Energy Conservation Code with the 2018 International Energy Conservation Code, amending the 2018 code, and enacting new subsections for it.

BACKGROUND AND REMARKS: On November 18, 2019, the City Council approved Ordinance 6563, which adopted the 2012 International Energy Conservation Code ("IECC"), with certain amendments, as Article XIX of Chapter 36 (i.e., "Land Development Code") of the Springfield City Code. This Ordinance also declared the intent of the City Council to adopt either the 2018 or 2021 IECC, to take effect on January 1, 2023, upon soliciting input from stakeholders and reporting to the City Council by June 30, 2022.

The current energy conservation code is the 2012 edition, with some modifications. By adopting the 2018 edition of the International Energy Conservation Code all construction codes will be of the same editions making cross references between codes consistent. Being on the same edition of construction codes allows developers, designers, and owners provisions that will benefit citizens and the development community due to cross references between adopted codes. Having all codes on the same edition would be in the best interest of the community by having all codes on the same review cycle.

During several meetings with the development community the proposed modification would not hinder development in the City of Springfield but adopting the 2018 edition with these modifications would improve the energy efficiency of all commercial buildings. The proposed modifications deal with buildings that have a low occupancy load and therefore a low energy consumption. By adopting the 2018 edition of the International Energy Conservation Code the develop and designer teams will have a better tool to make commercial buildings in Springfield more efficient.

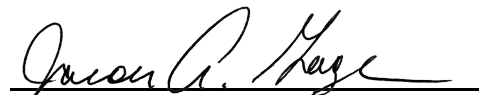
The residential provisions of the 2018 International Energy Conservation Code are identical to Chapter 11 of the 2018 International Residential Code. Removing these provisions will reduce confusion between the two codes. The residential code is used by one- and two-family dwellings only and the removal of these provisions would bring all requirements into the same book creating a smoother design and enforcement of codes.

The proposed amendments were discussed in meetings with members of the Home Builders Association, Springfield Contractors Association, Missouri Society of Professional Engineers, the local chapter of the American Institute of Architects, the Sierra Club, and the Development Issues Input Group. The City has considered their input and made modifications to the ordinances and has no objection to the proposed amendments.

Submitted by:

Approved By:

Brock Rowe, Interim Director of
Building Development Services



Jason Gage,
City Manager