

ORDINANCE NUMBER 1350

TO AMEND CHAPTER 15.01 INTERNATIONAL BUILDING CODE

15.01.010 International Building Code—Adopted.

Certain documents, one copy of each is on file in the office of the building inspector, being marked and designated as the International Building Code, ~~2018~~ 2021 edition, including International Property Maintenance Code, ~~2018~~ 2021, International Existing Building Code, ~~2018~~ 2021, Chapters 1-10, 12 - 24 and 44 of the International Residential Code, ~~2018~~ 2021, International Mechanical Code, ~~2018~~ 2021, International Fire Code, ~~2018~~ 2021, and Appendix J of the International Building Code, ~~2018~~ 2021, and Appendix A of the International Property Maintenance Code, ~~2018~~ 2021, and Appendix C of the International Building Code 2021, and the International Fuel Gas Code 2021, and amendments or additions thereto, as published by the International Code Council, be and is hereby adopted as the Building Code of the city of Deadwood, for regulating and governing the conditions and maintenance of all property, buildings and structures; by providing the standards for supplied utilities and facilities and other physical things and conditions essential to ensure that structures are safe, sanitary and fit for occupational use; and the condemnation of buildings and structures unfit for human occupancy; and use and the demolition, alteration, relocation or repair of such structures and considering the historical character and significance of any buildings as herein provided; providing for the issuance of all permits, the appeal of decision by the building official and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Building Code on file in the office of the building inspector are hereby referred to, adopted and made a part hereof, as if fully set out in this chapter, with the additions, insertions, deletions and changes, if any, prescribed in the following sections.

15.01.020 Exceptions and Amendments.

A. The following sections and subsections of the International Residential Code ~~2018~~ 2021 allows for unvented room heaters under conditions set forth in Section G2445 (621). This section is inconsistent with the safety and welfare of the citizens of the city of Deadwood. This section shall therefore be deleted and excepted from the codes adopted by 15.01.010, and replaced by the following: No unvented or direct fired fuel-burning equipment shall be installed or used to provide comfort heating within any occupancy group other than Group S or U.

B. Section ~~R213~~ R313 of the International Residential Code ~~2018~~ 2021 is not adopted. An automatic fire sprinkler system shall not be required in one and two family dwellings. If an automatic fire sprinkler is installed it shall be designed and installed in accordance with section P2904 of the currently adopted International Residential Code or NFPA 13D.

C. This ordinance shall not apply to mobile or manufactured homes as defined in SDCL ch. 32-7A which are constructed in compliance with the applicable prevailing standards of the United States Department of Housing and Urban Development at the time of construction.

D. This ordinance shall not apply to any specialty resort or vacation home establishment as defined in SDCL ch. 34-18 that is constructed in compliance with the requirements of Group R-3 of the ~~2018~~ 2021 edition of the International Building Code.

E. Specifically, the City of Deadwood prohibits non-metallic sheathed cable (defined as a factory assembly of two (2) or more insulated conductors having an outer sheath of moisture-

resistant, flame-retardant, nonmetallic material) specifically Types NM, NMC and NMS cables, from being used in hotels, motels, gaming establishments, commercial, mercantile, industrial, institutional, and public buildings.

F. Any building within the city which has or needs an electrical service entrance of more than two hundred (200) amps single-phase or three-phase shall be equipped with an electrical disconnect device located on the exterior of the building in a location approved by the building inspector. Compliance with this requirement shall be required whenever a building permit is issued or whenever any major work is done on a building's electrical system.

G. Section A101 of Appendix A of the International Property Maintenance Code ~~2018~~ 2021 is hereby amended to read as follows: All windows and doors shall be boarded in an approved manner set forth by the Deadwood Historic Preservation Commission to prevent entry by unauthorized persons and shall be an approved design set forth by said Commission that is compatible with the color scheme of the existing structure.

H. The Insulation and fenestration requirements for dwelling units constructed according to the adopted International Residential Code are:

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a

<u>Climate Zone</u>	<u>Fenestration U-Factor^b</u>	<u>Skylight^b U-Factor</u>	<u>Glazed Fenestration SHGC^b</u>	<u>Ceiling R-Value^h</u>	<u>Wood Frame Wall R-Value</u>	<u>Mass Wall R-Value^g</u>	<u>Floor R-Value</u>	<u>Basement^c Wall R-Value</u>	<u>Slab^d R-Value & Depth</u>	<u>Crawl Space^e Wall R-Value</u>
<u>6</u>	<u>0.30</u>	<u>0.55</u>	<u>NR</u>	<u>49</u>	<u>19 or 13 + 5^f</u>	<u>15/19</u>	<u>30^e</u>	<u>10/13</u>	<u>10, 4 ft</u>	<u>10/13</u>

For SI: 1 foot = 304.8mm

NR = Not Required

a. R-values are minimums. U-factors and solar heat gain coefficient (SHGC) are maximums.

Where insulation is installed in a cavity that is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table

b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.

c. The first R-value applies to continuous insulation which is allowed to be applied at the time of finishing the basement, the second to framing cavity insulation; either insulation meets the requirement.

d. R-5 insulation shall be provided under the full slab area of a heated slab in addition to the required slab edge insulation R-value for slabs, as indicated in the table. The slab edge insulation for heated slabs shall not be required to extend below the slab.

e. Alternatively, insulation sufficient to fill the framing cavity providing not less than an R-value of R-19.

f. "13+5" means R-13 cavity insulation plus R-5 insulated sheathing. If structural sheathing covers 25% or less of the exterior, R-5 sheathing is not required where structural sheathing is used. If structural sheathing covers more than 25% of exterior, structural sheathing shall be supplemented with insulated sheathing of at least R-2.

g. The second R-value applies when more than half the insulation is on the interior.

h. The minimum R-value for ceilings is further based on a minimum 6-inch (152 mm) heel height to allow the ceiling insulation to extend over the top plate.

I. Section R302 of the International Residential Code 2021 is not adopted.

J. Changes in occupancy, additions, alterations, or new construction of any structure intended to be used as a cannabis cultivation, manufacturing, or testing facility shall require design and administration by a registered design professional.

Dated this 7th day of February, 2022.

CITY OF DEADWOOD

David Ruth Jr., Mayor

ATTEST:

Jessicca McKeown, Finance Officer

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Second Reading:	February 7, 2022
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