

**ORDINANCE NO. 1884
SERIES 2024**

**AN ORDINANCE ADOPTING THE CITY OF LOUISVILLE FIRE HARDENING CODE
FOR STRUCTURES**

WHEREAS, the City Council desires to adopt the Louisville Fire Hardening Code for Structures in order to reduce threats from wildfires and to mitigate structure fires from spreading to adjacent residential and commercial structures; and

WHEREAS, it is deemed to be in the interest of the public health, safety and general welfare for the residence of Louisville to adopt such code; and

WHEREAS, the City Council, after proper notice as required by law, has held a public hearing on this ordinance providing for the adoption of said codes.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LOUISVILLE, COLORADO:

Section 1. Title 15 of the Louisville Municipal Code is hereby amended by the addition of a new Chapter 15.70 to read as follows:

Chapter 15.70

Fire Hardening Code for Structures

Sec. 15.70.010. - Applicability

This Chapter provides minimum City-wide building and construction standards for residential and commercial structures in order to decrease threats from wildfires and the spread of fire between structures. The requirements set forth in this Chapter shall apply to all new construction, additions, and replacement of building materials, except as set forth in Section 15.70.030

Sec. 15.70.020. – Construction Standards.

- A. *Class A Roof Coverings* tested with ASTM E108 or UL 790 are required on all new structures, additions and replacement roofs where the replaced roof is 50% or greater. Examples of a Class A roof coverings include metal, membrane, asphalt, tile, clay, concrete, stone and slate shingles.
- B. *Fire Resistant Siding and Eaves* are required on all new structures, additions and where 50% or more of the siding or eave is replaced. Siding and eaves shall be fire and ignition resistant with a maximum flame spread rating of 25 or less. Heavy timber and log construction is also acceptable.
- C. *Fire and Ignition Resistant Deck Surface, Steps and Guardrails* are required on all new decks and all replacement decks, steps and guardrails. The deck surface, step surface and guardrails shall be fire and Ignition resistant with a maximum

flame spread rating of 25. For decks six feet or lower to the ground, the surface below the deck shall be gravel placed over a sheet of 6 mil plastic or concrete slab to prevent vegetation growth under the deck.

- D. *Fire and Ignition Resistant Fencing within 5 feet of a structure.* New construction and all replacement fences within 5 feet of the structure must be fire and ignition resistant with a maximum flame spread index of 25.
- E. *Roof/Attic Vents, Crawlspace Vents and Solar Panels Screens* - New structures and all replacement vents shall have the following:
 - 1. 1/8-inch metal mesh for attic vents, roof vents, eave vents and foundation vents. Mechanical and plumbing vents do not need to be screened.
 - 2. If solar panels on the roof are screened with metal mesh then the screen must be removable to clean out debris from under panels.
- F. *Metal Gutters with Gutter Guards* - New structures and replacement Gutters shall be made of metal and shall have an approved ignition resistant means to prevent accumulation of debris in gutter.

Sec. 15.70.030 Exemptions.

Exemptions from the requirements of this Chapter 15.70 are as follows:

- A. **Historic Home Exemption.** Historic homes and buildings may be exempted by the Building Official from roofing or siding requirements, or both, of this Chapter if the Building Official finds there is no practical means to meet the intent of the Chapter while maintaining historic features.
- B. **Commercial Structures** that are fully sprinklered and are in compliance with NFPA-13 and are located greater than 35 feet from the property line are exempt from the requirements of this Chapter.
- C. **Temporary Structures.** Permitted Temporary structures, such as tents and membrane structures, are exempt for a period of time not to exceed a 180 days.
- D. The building official may approve alternative methods demonstrating class A or a flame spread of 25 or less in lieu of the requirements of this Chapter.

Section 2. If any article, section, paragraph, sentence, clause, or phrase of this ordinance is held to be unconstitutional or invalid for any reason, such decision shall not affect the validity or constitutionality of the remaining portions of this ordinance. The City Council hereby declares that it would have passed this ordinance and each part or parts hereof irrespective of the fact that any one part or parts be declared unconstitutional or invalid.

Section 3. The repeal or modification of any provision of any prior ordinance by this ordinance shall not release, extinguish, alter, modify, or change in whole or in part any penalty, forfeiture or liability, either civil or criminal, which shall have been incurred under such provision, and each provision shall be treated and held as still remaining in force for the purpose of sustaining any judgment, decree, or order which can or may be rendered, entered, or made in such actions, suits, proceedings, or prosecutions.

Section 4. All other ordinances or portions thereof inconsistent or conflicting with this ordinance or any portion hereof are hereby repealed to the extent of such inconsistency or conflict.

INTRODUCED, READ, PASSED ON FIRST READING, AND ORDERED PUBLISHED this 15th day of October 2024.



Christopher M. Leh, Mayor

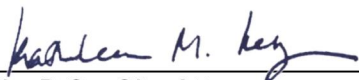
ATTEST:



Genny Kline, Interim City Clerk



APPROVED AS TO FORM:



Kelly, P.C., City Attorney

AMENDED AND ADOPTED ON SECOND AND FINAL READING, this 4th day of November 2024.



Christopher M. Leh, Mayor

ATTEST:



Genny Kline, Interim City Clerk

