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CITY OF LITTLETON, COLORADO

Ordinance. 11

Series, 2025

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LITTLETON,
COLORADO, REPEALING AND REENACTING TITLE 4, BUILDING
REGULATIONS, CHAPTER 1 BUILDING CODES**

WHEREAS, the City of Littleton, Colorado is a statutory city, duly organized, and existing under the laws of the state of Colorado; and

WHEREAS, pursuant to C.R.S. §31-15-401, the city, by and through its city council, may adopt laws and ordinances within its police power in furtherance of public health, safety, and welfare; and

WHEREAS, city council wishes to restate the adoption of current building codes within Title 4, Chapter 1 of the city code and amend such codes as deemed necessary in the interest of public health, safety, and welfare.

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF
THE CITY OF LITTLETON, COLORADO, THAT:**

Section 1. Littleton City Code, Title 4, Building Regulations, Chapter 1, Building Codes, is hereby repealed and reenacted to read as follows:

4-1-1: CODES ADOPTED:

The following codes are hereby adopted for use and regulation of buildings and structures within the City; said codes shall be available for public inspection at all reasonable hours in the Office of the Building Inspection Division and in the Office of the City Clerk.

- A. 2024 International Building Code by the International Code Council, Inc. (“2024 IBC”)
- B. 2024 International Energy Conservation Code by the International Code Council, Inc. (“2024 IECC”)
- C. 2024 International Existing Building Code by the International Code Council, Inc. (“2024 IEBC”)
- D. 2024 International Fuel Gas Code by the International Code Council, Inc. (“2024 IFGC”)
- E. 2024 International Mechanical Code by the International Code Council, Inc. (“2024 IMC”)
- F. 2024 International Plumbing Code by the International Code Council, Inc. (“2024 IPC”)
- G. 2024 International Property Maintenance Code by the International Code Council, Inc. (“2024 IPMC”)
- H. 2024 International Residential Code by the International Code Council, Inc. (“2024 IRC”)
- I. 2024 International Swimming Pool and Spa Code by the International Code Council, Inc. (“2024 ISPSC”)

- J. 2024 International Wildland-Urban Interface Code by the International Code Council, Inc. (“2024 IWUIC”)
- K. ICC A117.1-2017 Standard with Supplement 1 - Accessible and Usable Buildings and Facilities by the International Code Council, Inc. (“2017 ICC A117.1”)
- L. NFPA 70 National Electrical Code 2023 Edition by the National Fire Protection Association (“2023 NEC”)
- M. 1997 Uniform Code for the Abatement of Dangerous Buildings by the International Conference of Building Officials
- N. Colorado Model Electric Ready and Solar Ready Code, by The Colorado Department of Local Affairs and Colorado Energy Office on June 1, 2023

The most recently printed edition of each of the aforementioned codes and standards shall be administered by the City of Littleton.

4-1-2: OFF-SITE IMPROVEMENTS:

- A. Approval of Plans Required: No building permit shall be issued by the administration until plans for installation of off-site improvements, in conformity with the standards of the City, have been submitted and approved.

- B. Definitions:

ADMINISTRATION: The City Manager or a duly appointed representative thereof.

OFF-SITE IMPROVEMENTS: For the purpose of this section, shall mean any physical improvement above or below ground, required by the City to be installed in an alley, street, or other public right-of-way or easement or publicly owned property adjacent to property for which a building permit is being sought for the purposes of development, redevelopment or other construction. (Included within this definition shall be curb, gutter, sidewalk, paving, drainage structures, fire hydrants, etc.)

- C. Performance Bond or Cash Deposit:

- a. The administration shall deny final approval and certificate of occupancy of any building until the required off-site improvements are completed and have been inspected and approved, unless completion of the off-site improvements is guaranteed by a performance bond, cash deposit, letter of credit or other obligation approved by the administration and the city attorney for a sum determined by the administration to be adequate to effect the improvements as required.
- b. Performance guarantees shall be returned to the depositor upon the approval of the administration subsequent to the completion of the off-site improvements.

Such guarantees, or a portion thereof, as determined by the administration, may be retained by the city as compensation for performing the plans, provided further that the depositor shall have failed, or refused, to install the work within thirty (30) days after receipt of a notice in writing from the administration.

D. Adequate Street Access Required: No building permit shall be issued by the administration until the public street and access to within twenty-five feet (25') of the building for which such permit is requested shall be completed with a minimum base course of at least two inch (2") asphaltic material or other dustproof, non-erodible material as may be accepted by the administration for the purpose of providing access to the site for both construction and emergency service vehicles prior to the initiation of construction.

E. Waiver of Off-Site Improvement Requirements: In the event it is desired by the city to delay installation of off-site improvements because of practical difficulties such as conflict with proposed public improvements, efficiency of coordination or other matters, the administration is hereby empowered to delay, for a temporary period, only the requirement of installation of off-site improvements, but such delay shall be predicated only upon the owner, or authorized representative of owner, signing a contract to approve creation of an improvement district and in any event to install said off-site improvements within thirty (30) days of written notice of the administration.

4-1-3: APPEALS:

Whenever reference is made in any of the codes adopted in section 4-1-1 of this chapter, to the board of appeals or to the housing advisory and appeals board, said codes shall be amended to refer to the appeals and adjustment commission and any appeal to the board of appeals or the housing advisory and appeals board shall be to the appeals and adjustment commission. An appeal must be taken within ten (10) days of the final decision of the city's building official. All appeals shall be in writing on forms provided by the city and shall be filed with the building official who shall then schedule a hearing on the appeal at the next regular session of the appeals and adjustment commission.

4-1-4: EXEMPTIONS, BUILDING PERMIT FEES:

All federal, state, school and county governmental units as well as other tax supported institutions are hereby exempt for the payment of building permit fees as the same are set forth in a resolution of the city council from time to time; however, nothing herein contained shall be interpreted as doing away with the requirement for application for building permits by such governmental entities and for the conducting of inspections by the city and compliance with all applicable city codes by the governmental entity.

4-1-5: AMENDMENTS TO CODES:

Administrative provisions in Section 4-1-5(A) shall apply to permits issued for work related to grading, excavation, floodplain or rights-of way under the jurisdiction of the City of Littleton. The amendments contained within Section 4-1-5 (B) through (K) shall apply to those codes adopted in Section 4-1-1 of this Title.

A. Administrative Provisions:

1. Purpose and Scope: All administrative provisions contained within the codes adopted in Section 4-1-1 of this chapter are in full force and effect as amended in Section 4-1-5 (B) through (K) of this chapter and are authorized and enforceable as provided for within those codes. Administrative provisions contained within this section are enforceable by the City Engineer, Chief Building Official, or their respective designee, as they relate to permits issued for work related to grading, excavation, floodplain or rights-of way under the jurisdiction of the City of Littleton.

The purpose of this chapter is to establish minimum requirements to safeguard the public health, safety and general welfare.

2. Alternate Materials Design and Methods of Construction and Equipment:

- a. Tests: Whenever there is insufficient evidence of compliance with the provisions of the applicable codes regarding the use of an alternate material design or method of construction and equipment, or evidence that a proposed material design or method of construction and equipment does not conform to the requirements of the applicable codes, the building official or city engineer may require that tests be made at the expense of the proponent of the questioned material design or method of construction and equipment.
 - i. Test methods shall be as specified by the building official, city engineer, or by other recognized test standards. In the absence of recognized and accepted test methods of the proposed alternate material design or method of construction and equipment, the building official or city engineer shall determine which test procedures are appropriate.
 - ii. All tests shall be made by an approved agency. Reports of such tests shall be retained by the building official.
- b. Modifications: Whenever there are practical difficulties involved in complying with the provisions of the applicable codes, the building official or city engineer shall have the authority to grant modifications for individual cases, provided they shall first find that a special individual reason makes the strict letter of the applicable codes impractical; that the modification is consistent with the intent and purpose of the applicable code; and that such modification will not lessen health, safety or general welfare requirements.

Any decision granting a modification shall be documented by the individual granting such modification and shall include the reasons therefor.

3. Duties and Powers of City Officials:

a. [Reserved]

b. Applications and Permits: The City Engineer, Chief Building Official, or designee shall receive applications, review construction documents and issue permits for work related to grading, excavation, floodplain or rights-of way and is authorized to inspect the work for which such permits have been issued and enforce compliance with the provisions of applicable code.

c. Inspections:

i. The City shall make all of the required inspections. Reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency or by the responsible individual.

ii. The City is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise, subject to the approval of the appointing authority.

d. Department Records: The City shall keep official records of permits, and fees collected, reports of inspections and notices and orders issued. Such records shall be retained in official records for the period required for retention of public records.

e. Stop Work Orders: Whenever any work is being done in violation of the provisions of the applicable code or other ordinances implemented through the enforcement of the applicable code or in a dangerous or unsafe manner, the City may order the work stopped by issuing a notice in writing and serving it upon any persons engaged in doing such work or causing such work to be done. Upon receipt of the notice, such persons shall stop work until authorized by the City to proceed with the work. It is unlawful to continue any work after receipt of a notice to stop work except such work as directed to remove a violation or unsafe condition. Each day that work is continued after receipt of a notice shall constitute a separate violation of this code.

f. Enforcement of adopted Building Codes: The City shall enforce provisions contained within Sections 104.2.4.1, 1612.3, 1612.4, 1804.5, and Chapter 32, Appendix G, and Appendix J of the 2024 IBC as hereby adopted and as amended in 4-1-5(B), and 104.2.4.1 and R106.1.4 of the 2024 IRC.

4. Authority to Disconnect Utilities in Emergencies: In the case of an emergency, where it is necessary to eliminate an immediate hazard to life or property, the City Engineer or their authorized representative shall have the authority to cause the disconnection of fuel gas utility service or energy supplies to a building, structure, premises, or equipment regulated by the code(s) with which the City Engineer has been granted enforcement authority. The City Engineer shall, whenever possible,

notify the serving utility, the owner, and the occupant of the building, structure, or premises of the decision to disconnect prior to taking such action.

5. Permits Required:

a. General: No person shall perform work related to grading, excavation, floodplain or rights-of way under the jurisdiction of the City of Littleton without first obtaining a permit for all such work from the City, except as follows:

i. Grading, excavation, floodplain or right-of way work authorized and approved by the City Engineer or designee under a duly authorized building permit.

ii. A public utility, duly franchised or authorized as such in the city, shall not be required to obtain a permit prior to performing emergency maintenance or repairs on its equipment, building, or structure, when necessary to sustain service or protect life or property; provided, however, that the public utility shall obtain a permit for the work as soon as it is practical to do so.

iii. Public utilities duly franchised or authorized as such in the city, shall not be required to obtain a permit for the installation, alteration or repair of generation, transmission, or distribution equipment that is under the ownership and control of the public utility, except for work located within the public right-of-way.

6. Excavation and Grading:

a. Purpose: The City Engineer or designated representative shall enforce provisions of this section. This subsection sets forth rules and regulations to control excavation, grading and earthwork construction, including fills and embankments; establishes the administrative procedure for issuance of permits; and provides for approval of plans and inspection of grading construction, to provide additional information or clarification of requirements located in Appendix J of the 2024 IBC. Requirements for Grading Permits are also contained in the latest edition of the City of Littleton Storm Drainage Design and Technical Criteria Manual (city's storm drainage criteria), Chapter 13, as amended.

b. Exempted Work: A grading permit is not required for the exemptions contained in the IBC Section J103.2, unless indicated otherwise in the city's storm drainage criteria manual.

c. Hazards: Whenever the City Engineer determines that any existing excavation or embankment or fill on private property has become a hazard to life and limb, or endangers property, or adversely affects the safety, use or stability of a public way or drainage channel, the owner of the property upon which the excavation or fill is located, or other person or agent in control of said property, upon receipt of notice in writing from the City Engineer shall within the period specified therein repair or eliminate such

excavation or embankment to eliminate the hazard and to be in conformance with the requirements of this code.

- d. Grading Fees: Fees for grading permits, including the plan review fee, shall be by a resolution adopted by the city council from time to time.
- e. Bonds: The engineering division may require bonds in such form and amounts as may be deemed necessary to ensure that the work, if not completed in accordance with the approved plans and specifications, will be corrected to eliminate hazardous conditions. In lieu of a surety bond, the applicant may file a cash bond or instrument of credit with the engineering division in an amount equal to that which would be required in the surety bond.
- f. Cuts: The slope of cut surfaces shall be no steeper than is safe for the intended use and shall be no steeper than one unit vertical to two (2) units horizontal unless the permittee furnishes a certified soils engineering or a certified engineering geology report, or both, stating that the site has been investigated and giving an opinion that a cut at a steeper slope will be stable and not create a hazard to the public or private property. Such certified engineering report shall be prepared by a Professional Engineer licensed in the state of Colorado.
- g. Fills: Fills slopes shall not be constructed on natural slopes steeper than one unit vertical in two (2) units horizontal unless the permittee furnishes a certified soils engineering or certified geology report, or both, stating that the site has been investigated and giving an opinion that a fill at a steeper slope will be stable and not create a hazard to the public or private property. Such certified engineering report shall be prepared by a Professional Engineer licensed in the state of Colorado. Drainage And Terracing: Terraces widths and spacing for cut and fill slopes greater than one hundred twenty feet (120') in height shall be designed by a Professional Engineer licensed in the State of Colorado and approved by the City Engineer. Grading Inspections: Grading operations for which a permit is required shall be subject to inspection by the City Engineer. As needed, professional inspection of grading operations may be required of the permittee and provided by the civil engineer and the soils engineer retained by the permittee to provide such services during design.

The civil engineer shall provide professional inspection with such engineer's area of technical specialty, which shall consist of observation and review as to the establishment of line, grade and surface drainage of the development area. If revised plans are required during the course of the work, they shall be prepared by the civil engineer.

The soils engineer shall provide professional inspection within such engineer's area of technical specialty, which shall include observation during

grading and testing for required compaction. The soils engineer shall provide sufficient observation during the preparation of the natural ground and placement and compaction of the fill to verify that such work is being performed in accordance with the conditions of the approved plan and the appropriate requirements of this section.

- h. Drainage And Terracing: Terraces widths and spacing for cut and fill slopes greater than one hundred twenty feet (120') in height shall be designed by a Professional Engineer licensed in the State of Colorado and approved by the City Engineer.
- i. Grading Inspections: Grading operations for which a permit is required shall be subject to inspection by the City Engineer. As needed, professional inspection of grading operations may be required of the permittee and provided by the civil engineer and the soils engineer retained by the permittee to provide such services during design.

The civil engineer shall provide professional inspection with such engineer's area of technical specialty, which shall consist of observation and review as to the establishment of line, grade and surface drainage of the development area. If revised plans are required during the course of the work they shall be prepared by the civil engineer.

The soils engineer shall provide professional inspection within such engineer's area of technical specialty, which shall include observation during grading and testing for required compaction. The soils engineer shall provide sufficient observation during the preparation of the natural ground and placement and compaction of the fill to verify that such work is being performed in accordance with the conditions of the approved plan and the appropriate requirements of this section.

- j. Reports And Drawings Required: Upon completion of the rough grading work or the final completion of the work as determined by the City Engineer, the following reports and drawings and supplements may be required.

- 1. An as built grading plan prepared by the civil engineer retained to provide such services showing original ground surface elevations, as graded ground surface elevations, lot drainage patterns, and the locations and elevations of surface facilities and of the outlets of subsurface drains. As constructed locations, elevations and details of subsurface drains shall be shown as reported by the soils engineer.

Civil engineers shall state that to the best of their knowledge the work within their area of responsibility was done in accordance with the final approved grading plan.

2. If required, a report prepared by the soils engineer retained to provide such services, including locations and elevations of field density tests, summaries of field and laboratory tests, other substantiating data, and comments on any changes made during grading and their effect on the recommendations made in the approved soils engineering investigation report. Soils engineers shall submit a statement that, to the best of their knowledge, the work within their area of responsibilities is in accordance with the approved soils engineering and applicable provisions of this chapter.

3. The permittee shall notify the City Engineer when the grading operation is ready for final inspection. Final approval shall not be given until all work, including installation of all drainage facilities and their protective devices, and all erosion control measures have been completed in accordance with the final approved grading plan, and the required reports have been submitted.

7. Contractor License Required: Requirements for a city of Littleton contractor license shall be in accordance with Title 3, chapter 16 of this code.

8. Floodplain: Construction in the floodplain shall conform to the requirements located in Title 10, chapter 7 of the municipal code.

B. Amendments to the 2024 International Building Code: The 2024 International Building Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is amended to read as follows:

[A]101.1 Title.

These regulations shall be known as the Building Code of City of Littleton, Colorado, hereinafter referred to as “this code.”

2. Section [A]103.1 Creation of enforcement agency, is amended to read as follows:

[A]103.1 Creation of enforcement agency.

The City of Littleton Building Division is hereby created and the official in charge thereof shall be known as the building official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A]105.1.1 Annual Permit, is hereby deleted.

4. Section [A]105.1.2 Annual permit records, are hereby deleted.

5. Section [A] 105.2 Work exempt from permit. Building: 2., is hereby amended to read as follows:

105.2 Work exempt from permit.

Building:

2. Fences, other than swimming pool barriers, not over 7 feet (2134 mm) high. For the purposes of determining the need for a building permit, site walls meeting the following criteria shall be considered fences:

- a. fully exposed to the outdoors on both sides;
- b. unrestrained at top; and
- c. not intended to retain soil, impound liquids, or support other surcharges beyond wind, snow, and seismic.

6. Section [A] 105.2 Work exempt from permit. Building: 4., is hereby amended to read as follows:

105.2 Work exempt from permit.

Building:

4. Retaining walls intended to support a cut or unbalanced fill no greater than 4 vertical feet (1219 mm), are not greater than 7 feet (2134 mm) in height measured from the bottom of footing to top of wall, and are not intended to impound Class I, II or IIIA liquids.

7. Section [A] 105.5 Expiration is hereby amended to read as follows:

[A]105.5 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

8. Section [A]106.1 Live loads posted, is hereby deleted in its entirety.

9. Section [A]106.2 Issuance of certificate of occupancy, is hereby deleted in its entirety.

10. Section [A]109.3 Permit valuations, is hereby amended to read as follows:

[A]109.3 Permit valuations.

The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall reflect the total value of all work for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment, permanent systems and all finish work. If, in the opinion of the building official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the building official. Final building permit valuation shall be set by the building official.

11. Section 114.4 Violation penalties, is hereby amended to read as follows:

114.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair work in violation of the approved construction documents, directive of the code official, or

of a permit or certificate issued under the provisions of this code, shall be subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

12. Section [A]115.2 Issuance, is hereby amended to read as follows:

[A]115.2 Issuance.

The stop work order shall be in writing and shall be given to the owner of the property, the owner's authorized agent or the person performing the work or, if the owner, owner's agent or person performing the work is not present, the stop work order shall be posted on the structure or property. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order and the conditions under which the cited work is authorized to resume.

13. Section [F]903.2.8 Group R is hereby amended to read as follows:

[F]903.2.8 Group R.

An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area other than Group R-3, one- and two-family dwellings.

14. Section 1108.1 General, is hereby amended to read as follows:

1108.1 General.

In addition to the other requirements of this chapter, occupancies having dwelling units or sleeping units shall be provided with accessible features in accordance with this section and comply with the State of Colorado's Revised Statutes Annotated Title 9, Article 5 "Standards for Accessible Housing," as may be amended from time to time. Where discrepancies exist, the most restrictive provisions of each code shall prevail.

15. Section 1502.2 Secondary (emergency overflow) drains or scuppers, is hereby amended to read as follows:

1502.2 Secondary (emergency overflow) drains or scuppers.

Where roof drains are required, secondary (emergency overflow) roof drains or scuppers shall be provided where the roof perimeter construction extends above the roof in such a manner that water will be entrapped if the primary drains allow buildup for any reason. The installation and sizing of secondary emergency overflow drains, leaders and conductors shall comply with Section 1611 of this code and Chapter 11 of the 2024 IPC.

1502.2.1 Scuppers.

Where scuppers are used for secondary (emergency overflow) roof drainage, the quantity, size, location and inlet elevation of the scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1611.1. Scuppers shall not have an opening dimension of less than 4 inches (102 mm). The

flow through the primary system shall not be considered when locating and sizing scuppers.

16. Section 1507.1.2 Ice barriers, is hereby amended to read as follows:

1507.1.2 Ice Barriers.

Ice barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes and photovoltaic shingles when not prohibited by manufacturer's installation instructions. The ice barrier shall consist of not less than two layers of underlayment cemented together, or a self-adhering polymer modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building.

Exception: Detached accessory structures that do not contain conditioned floor area.

17. Section 1507.2.6 Attachment, is amended to read as follows:

1507.2.6 Attachment.

Asphalt shingles shall have the minimum number of fasteners required by the manufacturer, but not less than six (6) fasteners per strip shingle or two fasteners per individual shingle. Where the roof slope exceeds 21 units vertical in 12 units horizontal (21:12), shingles shall be installed as required by the manufacturer.

18. Section 1507.2.7 Ice Barrier, is amended to read as follows:

1507.2.7 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

19. Section 1507.5.4 Ice Barrier, is hereby amended to read as follows:

1507.5.4 Ice Barrier.

Ice Barrier is required and shall comply with Section 1507.1.2.

20. Section 1507.6.4 Ice Barrier, is hereby amended to read as follows:

1507.6.4 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

21. Section 1507.7.4 Ice Barrier, is hereby amended to read as follows:

1507.7.4 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

22. Section 1507.8.4 Ice Barrier, is hereby amended to read as follows:

1507.8.4 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

23. Section 1507.9.4 Ice Barrier, is hereby amended to read as follows:

1507.9.4 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

24. Section 1507.16.4 Ice Barrier, is hereby amended to read as follows:

1507.16.4 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

25. Section 1507.17.4.2 Ice Barrier, is hereby amended to read as follows:

1507.17.4.2 Ice Barrier.

Ice barrier is required and shall comply with Section 1507.1.2.

Exception: Detached accessory structures that do not contain conditioned floor area.

26. Section 1512.3 Exceptions, is hereby amended to read as follows:

1512.3 Exceptions.

A roof recover shall not be permitted where any of the following conditions occur:

1. Where the existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.

2. Where the existing roof covering is slate, clay, cement or asbestos-cement tile.

3. Where the existing roof has two or more applications of any type of roof covering.

4. The roof has one or more existing layers of asphalt shingles.

27. Section 1512.3.1 Roof recovering over wood shingles or shakes, is hereby deleted in its entirety.

28. Section 1608.1 General, is hereby amended to read as follows:

1608.1 General.

Design snow loads shall be determined from the ASCE Hazard Tool, using ASCE 7-22 and be in accordance with Chapter 7 of ASCE 7-22, but the design roof load shall be not less than that determined by Section 1607.

Exception: Temporary structures complying with Section 3103.6.1.1.

29. Section 1609.1.1 Determination of wind loads, is hereby amended to read as follows:

1609.1.1 Determination of wind loads.

Wind loads on every building or structure shall be determined in accordance with Chapters 26 to 30 of ASCE 7-22. The type of opening protection required, the basic wind speed, V , and the exposure category for a site is permitted to be determined in accordance with Section 1609 or ASCE 7-22. Wind shall be assumed to come from any horizontal direction and wind pressures shall be assumed to act normal to the surface considered.

Exceptions:

1. Subject to the limitations of Section 1609.1.1.1, the provisions of ICC 600 shall be permitted for applicable Group R-2 and R-3 buildings.
2. Subject to the limitations of Section 1609.1.1.1, residential structures using the provisions of AWC WFCM.
3. Subject to the limitations of Section 1609.1.1.1, residential structures using the provisions of AISI S230.

4. Designs using NAAMM FP 1001.
5. Designs using TIA-222 for antenna-supporting structures and antennas, provided that the horizontal extent of Topographic Category 2 escarpments in Section 2.6.6.2 of TIA-222 shall be 16 times the height of the escarpment.
6. Wind tunnel tests in accordance with ASCE 49 and Sections 31.4 and 31.7 of ASCE 7-22.
7. Temporary structures complying with Section 3103.6.1.2.

The wind speeds in Figures 1609.3(1) through 1609.3(4) are basic wind speeds, V , and shall be converted in accordance with Section 1609.3.1 to allowable stress design wind speeds, V_{asd} , when the provisions of the standards referenced in Exceptions 4 and 5 are used.

30. Section 1612.3 Establishment of flood hazard areas, is hereby amended to read as follows:

1612.3 Establishment of flood hazard areas.
See Littleton City Code, Title 10, Chapter 7.

31. Sections 1807.2.5 Guards., 1807.2.5.1 Where required., 1807.2.5.2 Height., and 1807.2.5.3 Opening limitations., are hereby deleted in their entirety.
32. Chapter 32 of the 2024 IBC Encroachments into the Public Right of Way is deleted. All work within the public right of way is subject to applicable sections of the Municipal Code and Littleton Engineering Design Standards (LEDS).
33. Appendix J Grading is adopted as modified as noted above in 4-1-5(A)6, Excavation and Grading.

- C. Amendments to the 2024 International Energy Conservation Code: The 2024 International Energy Conservation Code is hereby adopted by reference and amended as follows:

1. Section C101.1 Title, is hereby amended to read as follows:

C101.1 Title.

These provisions shall be known as the Energy Conservation Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section C503.2 Building thermal envelope, is hereby amended to read as follows:

C503.2 Building thermal envelope.

Alterations of existing building thermal envelope assemblies shall comply with this section. New building thermal envelope assemblies that are part of the alteration shall comply with Section C402. An area-weighted average U-factor for new and altered portions of the building thermal envelope shall be permitted to satisfy the U-factor requirements in Table C402.1.4. The existing R-value of insulation shall not be reduced

or the U-factor of a building thermal envelope assembly be increased as part of a building thermal envelope alteration except where complying with Section C407.

Exception: Where the existing building exceeds the fenestration area limitations of Section C402.5.1 prior to alteration, the building is exempt from Section C402.5.1 provided that there is no increase in fenestration area. Replacement of wall/floor/ceiling covering or misc. components that does not modify the existing framing or insulation is exempt from compliance with C503.2.

3. Section R503.1.1 Building thermal envelope, is hereby amended to read as follows:

R503.1.1 Building thermal envelope.

Alterations of existing building thermal envelope assemblies shall comply with this section. New building thermal envelope assemblies that are part of the alteration shall comply with Section R402. The R-value of insulation shall not be reduced, nor the U-factor of a building thermal envelope assembly increased as part of a building thermal envelope alteration except where the building after the alteration complies with Section R405 or R406.

Exception: The following alterations shall not be required to comply with the requirements for new construction provided that the energy use of the building is not increased:

1. Storm windows installed over existing fenestration.
2. Roof recover.
3. Surface-applied window film installed on existing single pane fenestration assemblies to reduce solar heat gain provided that the code does not require the glazing or fenestration assembly to be replaced.
4. Roof replacement where roof assembly insulation is integral to or located below the structural roof deck.
5. Replacement of wall/floor/ceiling covering or misc. components that does not modify the existing framing or insulation.

D. Amendments to the 2024 International Existing Building Code: The 2024 International Existing Building Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:

[A]101.1 Title.

These provisions shall be known as the International Existing Building Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as "this code."

2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:

[A]103.1 Creation of agency.

The City of Littleton Building Division is hereby deemed the agency in charge of enforcement of this code and the official in charge thereof shall be known as the

code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A] 105.1.2 Annual permit, is deleted in its entirety.

4. Section [A]105.2 Work exempt from permit is hereby amended to read as follows:
[A]105.2 Work exempt from permit.

Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. Sidewalks and driveways not more than 30 inches (762 mm) above grade and not over any basement or story below and that are not part of an accessible route.
2. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work that are not required to comply with other portions of this or other adopted codes or are not a part of another project or the scope of which requires a permit in accordance with 105.1.
3. Temporary motion picture, television, and theater stage sets and scenery.
4. Shade cloth structures constructed for nursery or agricultural purposes, and not including service systems.
5. Window awnings supported by an exterior wall of Group R-3 or Group U occupancies.
6. Nonfixed and movable cases, counters and partitions not over 5 feet 9 inches (1753 mm) in height.

Electrical:

1. Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
2. Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for power supply, the installations of towers and antennas.
3. Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.

3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
 2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided that such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.
5. Section [A]105.5 Expiration, is hereby amended to read as follows:
[A]105.5. Expiration.
Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.
6. Section [A]108.3 Permit valuations, is hereby amended to read as follows:
[A]108.3 Permit valuations.
The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall include the total value of all work for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems and all finish work. If, in the opinion of the code official, the valuation is underestimated on the application, the permit shall be denied unless the applicant can show detailed estimates to meet the approval of the code official. Final building permit valuation shall be set by the code official.
7. Section 113.4 Violation penalties, is hereby amended to read as follows:
113.4 Violation penalties.
Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair work in violation of the approved construction documents, directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be subject

to penalties as established in City of Littleton Municipal Code Title I, Chapter 4,
Section 1-4-1: GENERAL PENALTY.

8. Section R404.2 Interior lighting controls, is hereby amended to read as follows:

R404.2 Interior lighting controls.

All permanently installed luminaires shall be controlled as required in Sections
R404.2.1 and R404.2.2.

Exception: Lighting controls shall not be required for the following:

1. Bathrooms.
2. Hallways.
3. Lighting designed for safety or security.

9. Section 505.3 Replacement windows for emergency escape and rescue openings, is
hereby amended to read as follows:

Replacement windows for emergency escape and rescue openings shall comply
with the requirements for new construction.

10. Section 702.5 Replacement window for emergency escape and rescue openings, is
hereby amended to read as follows:

Where windows are required to provide emergency escape and rescue openings in
Group R-2 and R-3 occupancies and one- and two-family dwellings and
townhouses, such openings shall comply with the requirements for new
construction.

11. Section [BS] 705.3 Roof Recover, is hereby amended to read as follows.

705.3 Roof recover.

The installation of a new roof covering over an existing roof covering shall be
permitted where any of the following conditions occur:

1. The new roof covering is installed in accordance with the roof
covering manufacturer's approved instructions.
2. Complete and separate roofing systems, such as standing-seam
metal roof panel systems, that are designed to transmit the roof loads
directly to the building's structural system and that do not rely on
existing roofs and roof coverings for support, shall not require the
removal of existing roof coverings.
3. The application of a new protective roof coating over an existing
protective roof coating, a metal roof panel, built-up roof, spray
polyurethane foam roofing system, metal roof shingles, mineral-
surfaced roll roofing, modified bitumen roofing or thermoset and
thermoplastic single-ply roofing shall be permitted without tear off
of existing roof coverings.

Exceptions: A roof recover shall not be permitted where any of the following
conditions occur:

1. The existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
2. The existing roof covering is slate, clay, cement or asbestos-cement tile.
3. The existing roof has two or more applications of any type of roof covering.
4. The roof has one or more existing layers of asphalt shingles.

12. Section 705.3.1 Roof recovering over wood shingles or shakes, is hereby deleted in its entirety.

13. Section 1001.4 Permit required, is hereby added to read as follows:
1001.4 Permit required.

Any owner or owner's authorized agent who intends to change the occupancy of a building or structure or to cause any work to be performed that will change the occupancy group or classification of a building or structure, shall first make application to the building official and obtain the required permit.

E. Amendments to the 2024 International Fuel Gas Code: The 2024 International Fuel Gas Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:
[A]101.1 Title.

These provisions shall be known as the Fuel Gas Code of City of Littleton Colorado, and shall be cited as such and will be referred to herein as "this code."

2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:
[A]103.1 Creation of agency.

The City of Littleton Building Division is hereby deemed the agency in charge of enforcement of this code and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A]105.1.1 Annual permit, is hereby deleted in its entirety.

4. Section [A]105.1.2 Annual permit records, is hereby deleted in its entirety.

5. Section [A]105.5.3 Expiration, is hereby amended to read as follows:
[A] 105.5.3 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

6. Section [A]105.5.4 Extensions, is hereby deleted in its entirety.

7. Section [A]109.3 Permit valuations, is hereby amended to read as follows:
[A]109.3 Permit valuations.

The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall reflect the total value of all work, including materials and labor, for which the permit is being issued, such as plumbing equipment, permanent systems and all related finish work. If, in the opinion of the code official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the code official. Final building permit valuation shall be set by the code official.

8. Section [A] 113.4 Violation penalties, is hereby amended to read as follows:

[A] 113.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical work in violation of the approved construction documents, directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

9. Section 406.4.1 Test pressure, is hereby amended to read as follows:

406.4.1 Test pressure.

The test pressure to be used shall be not less than 1 1/2 times the proposed maximum working pressure, but not less than 20 psig (137 kPa gauge), irrespective of design pressure. Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

10. Section 406.4.2 Test duration, is hereby amended to read as follows:

406.4.2 Test duration.

Test duration shall be not less than 1/2 hour for each 500 cubic feet (14 m³) of pipe volume or fraction thereof. When testing a system having a volume less than 10 cubic feet (0.28 m³) or a system in a single-family dwelling, the test duration shall be not less than 15 minutes. The duration of the test shall not be required to exceed 24 hours.

11. Section 614.4.1 Termination location, is hereby amended to read as follows:

614.4.1 Termination location.

Exhaust duct terminations shall be in accordance with the dryer manufacturer's installation instructions. Where the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet (914 mm) in any direction from openings into buildings including openings in ventilated soffits and not less than 12 inches (305 mm) above grade or roof surface.

- F. Amendments to the 2024 International Mechanical Code: The 2024 International Mechanical Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:

[A]101.1 Title.

These provisions shall be known as the Mechanical Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section [A]103.1 Creation of agency, is hereby amended as follows:

Section [A]103.1 Creation of agency.

The City of Littleton is hereby created and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A]105.1.1 Annual permit, is hereby deleted in its entirety.

4. Section [A]105.1.2 Annual permit records, is hereby deleted in its entirety.

5. [Reserved]

6. Section [A]105.4.3 Expiration, is hereby amended to read as follows:

[A] 105.4.3 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

7. Section [A]109.3 Permit valuations, is hereby amended to read as follows:

[A]109.3 Permit valuations.

The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall reflect the total value of all work for which the permit is being issued, such as mechanical equipment, permanent systems and all finish work. If, in the opinion of the code official, the valuation is underestimated on the application, the permit shall be denied unless the applicant can show detailed estimates to meet the approval of the code official. Final building permit valuation shall be set by the code official.

8. Section [A]114.4 Violation penalties, is hereby amended to read as follows:

[A]115.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

9. Section 504.4.1 Termination location, is hereby amended to read as follows:

504.4.1 Termination location.

Exhaust duct terminations shall be in accordance with the dryer manufacturer's installation instructions. Where the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet (914 mm) in any direction from openings into buildings, including openings in ventilated soffits and not less than 12 inches (305 mm) above grade or roof surface.

10. Section 1109.2.5 Refrigerant pipe shafts, is hereby modified to read as follows:
1109.2.5 Refrigerant pipe shafts.

Refrigerant piping that penetrates two or more floor/ceiling assemblies shall be enclosed in a fire-resistance-rated shaft enclosure. The fire-resistance-rated shaft enclosure shall comply with Section 713 of the International Building Code.

Exceptions:

1. Refrigeration systems using R-718 refrigerant (water).
2. Piping in a direct refrigeration system where the refrigerant quantity does not exceed the limits of Table 1103.1 for the smallest occupied space through which the piping passes.
3. Piping located on the exterior of the building where vented to the outdoors.

G. Amendments to the 2024 International Plumbing Code: The 2024 International Plumbing Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:

[A]101.1 Title.

These provisions shall be known as the Plumbing Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:

A]103.1 Creation of agency.

The City of Littleton Building Division is hereby deemed the agency in charge of enforcement of this code and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A] 105.1 Annual permit, is hereby deleted in its entirety.
4. Section [A] 105.1.2 Annual permit records, is hereby deleted in its entirety.
5. Section [A] 105.5.3 Expiration, is hereby amended to read as follows:

[A] 105.5.3 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated

6. Section [A] 105.5.4 Extensions, is hereby deleted in its entirety.
7. Section [A] 114.4 Violation penalties, is hereby amended to read as follows:

[A] 114.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical work in violation of the approved construction documents, directive of the code official, or of a permit or certificate issued under the provisions of this code, shall

be subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

8. Section 305.4.1 Sewer depth is hereby amended to read as follows:

305.4.1 Sewer depth.

Building sewer that connect to private sewage disposal systems shall be installed not less than thirty-six (36) inches (914 mm) below finished grade at the point of septic tank connection. Building sewers shall be installed not less than thirty-six (36) inches (914 mm) below grade.

9. Section 410.4 Substitution, is hereby amended to read as follows:

410.4 Substitution.

Where restaurants provide drinking water free of charge, drinking fountains shall not be required in those restaurants. In other occupancies where drinking fountains are required, water dispensers shall be permitted to be substituted for the non-accessible drinking fountain, but not more than 50 percent of all required drinking fountains when 3 or more are required.

10. Section 903.1.1 Roof extension unprotected, is hereby amended to read as follows:

903.1.1 Roof extension unprotected.

Open vent pipes that extend through a roof shall be terminated not less than twelve (12) inches (304 mm) above the roof.

914 mm) below grade.

- H. Amendments to the 2024 International Property Maintenance Code: The 2024 International Property Maintenance Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:

[A]101.1 Title.

These provisions shall be known as the International Property Maintenance Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:

[A]103.1 Creation of agency.

The City of Littleton Building Division is hereby deemed the agency in charge of enforcement of this code and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A]111.7 Placarding is hereby amended to read as follows:

[A]117 Placarding.

Upon failure of the owner, owner’s authorized agent or person responsible to comply with the notice provisions within the time given, the code official shall post on the premises or on defective equipment a placard bearing language identifying the premises or structure as unsafe or unfit for habitation and a statement of the

penalties provided for occupying the premises, operating the equipment or removing the placard. Such notice shall be posted in a conspicuous place in or about the structure affected by such notice. If the notice pertains to equipment, it shall be placed on the condemned equipment.

4. Section 302.4 Weeds, is hereby amended to read as follows:

302.4 Weeds.

Premises and exterior property shall be maintained free from weeds or plant growth in accordance with Title 7, Chapter 4 of the City of Littleton Municipal Code. Notice of violation shall be served in accordance with Title 7, Chapter 1, Section 7-1-6 of the City of Littleton Municipal Code.

5. Section 304.14 Insect screens, is hereby amended to read as follows:

304.14 Insect screens.

Every door, window and other outside opening required for ventilation of habitable rooms, food preparation areas, food service areas or any areas where products to be included or utilized in food for human consumption are processed, manufactured, packaged or stored shall be supplied with approved tightly fitting screens of minimum 16 mesh per inch (16 mesh per 25 mm), and every screen door used for insect control shall have a self-closing device in good working condition. Exception: Screens shall not be required where other approved means, such as air curtains or insect repellent fans, are employed.

6. Section 307.1 General, is hereby amended to read as follows:

307.1 General.

Every exterior and interior flight of stairs having more than four risers shall have a handrail on one side of the stair and every open portion of a stair, landing, balcony, porch, deck, ramp or other walking surface that is more than 30 inches (762 mm) above the floor or grade below shall have guards. Handrails shall be not less than 34 inches (762 mm) in height or more than 38 inches (1067 mm) in height measured vertically above the nosing of the tread or above the finished floor of the landing or walking surfaces. Guards shall be not less than 36 inches (762 mm) in height above the floor of the landing, balcony, porch, deck, or ramp or other walking surface. Exception: Guards shall not be required where exempted by the adopted building code.

7. Section 602.3 Heat supply, is hereby amended to read as follows:

602.3 Heat supply.

Every owner and operator of any building who rents, leases or lets one or more dwelling units or sleeping units on terms, either expressed or implied, to furnish heat to the occupants thereof shall supply heat to maintain a minimum temperature of 68°F (20°C) in all habitable rooms, bathrooms and toilet rooms.

Exceptions:

1. When the outdoor temperature is below the winter outdoor design temperature for the locality, maintenance of the minimum room temperature shall not be required provided that the heating system is operating at its full

design capacity. The winter outdoor design temperature for the locality shall be as indicated in Table R301.2.

2. In areas where the average monthly temperature is above 30°F (-1°C), a minimum temperature of 65°F (18°C) shall be maintained.

8. Section [BE]702.1 General, is hereby amended to read as follows:

Section 702.1 General.

A safe, continuous, and unobstructed path of travel shall be provided from any point in a building or structure to the public way. Means of egress shall comply with the International Fire Code, International Building Code or the International Residential Code based on applicable scoping.

9. Section [BE]702.2 Aisles, is hereby amended to read as follows:

[BE] 702.2 Aisles.

The required width of aisles in accordance with the International Fire Code, International Building Code or the International Residential Code based applicable scoping shall be unobstructed.

I. Amendments to the 2024 International Residential Code: The 2024 International Residential Code is hereby adopted by reference and amended as follows:

1. Section R101.1 Title, is hereby amended to read as follows:

R101.1 Title.

These provisions shall be known as the Residential Code for One- and Two-family Dwellings of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section 105.2 Work exempt from permit. Building: 2., is hereby amended to read as follows:

R105.2 Work exempt from permit.

Building:

2. Fences, other than swimming pool barriers, not over 7 feet (2134 mm) high. For the purposes of determining the need for a building permit, site walls meeting the following criteria shall be considered fences:

- a. fully exposed to the outdoors on both sides;
- b. unrestrained at top; and
- c. not intended to retain soil, impound liquids, or support other surcharges beyond wind, snow, and seismic.

3. Section 105.2 Work exempt from permit. Building: 3., is hereby amended to read as follows:

R105.2 Work exempt from permit.

Building:

Retaining walls intended to support a cut or unbalanced fill no greater than 4 vertical feet (1219 mm), are not greater than 7 feet (2134 mm) in height measured

from the bottom of footing to top of wall, and are not intended to impound Class I, II or IIIA liquids.

4. Section R105.5 Expiration, is hereby amended to read as follows:

R105.5 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

5. Section R108.3 Building permit valuations, is hereby amended to read as follows:
R108.3 Building permit valuations.

The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall reflect the total value of all work for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment, permanent systems and all finish work. If, in the opinion of the building official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the building official. Final building permit valuation shall be set by the building official.

6. Section R113.4 Violation penalties, is hereby amended to read as follows:
R113.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair work in violation of the approved construction documents, directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

7. Section R114.2 Issuance, is hereby amended to read as follows:
R114.2 Issuance.

The stop work order shall be in writing and shall be given to the owner of the property, the owner's authorized agent or the person performing the work or, if the owner, owner's agent or person performing the work is not present, the stop work order shall be posted on the structure or property. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order and the conditions under which the cited work is authorized to resume.

8. Table R301.2 Climatic and Geographic Design Criteria is hereby amended to read as follows:

R301.2 Climatic and geographic design criteria.

Buildings shall be constructed in accordance with the provisions of this code as limited by the provisions of this section. Additional criteria shall be established by

the local jurisdiction and set forth in Table R301.2. The information provided within this table shall apply to work permitted under the International Residential Code (IRC) only.

TABLE R301.2 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA												
GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDER- LAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topo- graphic effects	Special wind region	Wind-borne debris zone		Weather- ing	Frost line depth	Termite				
$p_{g,asf}$ = 40 psf non-reducible	V_{asf} = 136 mph	No	Yes	No	B	Severe	36 in	Slight to moderate	Yes	Footnote A	532	50.2° F
MANUAL J DESIGN CRITERIA												
Elevation		Altitude correction factor	Coincident wet bulb	Indoor winter design dry- bulb temperature	Indoor winter design dry-bulb temperature		Outdoor winter design dry-bulb temperature		Heating temperature difference			
5374		0.82	59° F	59° F	70° F		1° F		69° F			
Latitude		Daily range	Indoor summer design relative humidity	Summer design gains	Indoor summer design dry- bulb temperature		Outdoor summer design dry-bulb temperature		Cooling temperature difference			
35.3952°		H	45%	45%	70° F		90° F		20° F			
For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s. A. Entered National Flood Insurance Program 1978; Flood Insurance Study for Arapahoe County and Incorporated Areas – September 4, 2020												

9. Section R301.2.3 Snow loads, is hereby modified to read as follows:
R301.2.3 Snow loads.
Nominal, non-reducible, ground snow loads p_g (asd) for use with the prescriptive designs of the International Residential Code shall be no less than 40 pounds per square foot. Wood-framed construction, cold-formed, steel-framed construction and masonry and concrete construction, and structural insulated panel construction shall be in accordance with Chapters 5, 6 and 8 or designed in accordance with accepted engineering practice.
10. Section R302.3.1 Dwelling unit separation, shall be amended to read as follows:
R302.3.1 Dwelling unit separation.
The two dwelling units shall be separated by fire-resistance rated assemblies that are vertical, horizontal, or a combination thereof.
Exception: For accessory dwelling units (ADUs) adjoining the primary dwelling unit, the 1-hour fire-resistance-rated wall and floor assembly provisions of Section R302.3 shall not be required, provided that both of the following conditions have been met:
 1. The interconnection of smoke alarms per Section R310.4 activates the smoke alarms in both the primary dwelling unit and the ADU.
 2. The interconnection of carbon monoxide alarms per Section R311.5 activates the carbon monoxide alarms in both the primary dwelling unit and the ADU.
11. Section R319.5 Replacement windows for emergency escape and rescue openings, is hereby amended to read as follows:

Replacement windows for emergency escape and rescue openings shall comply with the requirements for new construction.

12. Section R319.7 Alterations or repairs of existing basements, is hereby amended to read as follows:

Existing basements undergoing alterations or repairs and that are to contain habitable spaces shall have at least one emergency escape and rescue opening that complies with the requirements for new construction. Each new, altered, or repaired sleeping room within a basement shall have at least one emergency escape and rescue opening that complies with the requirements for new construction.

13. Section R319.7.1 Existing emergency escape and rescue openings, is hereby deleted in its entirety.

14. Section R309.2 One- and two-family dwellings automatic sprinkler systems is hereby amended to read as follows:

R313.2 One- and two-family dwellings automatic sprinkler systems.

An automatic sprinkler system may be installed in one- and two-family dwellings.

Exception: An automatic sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with a sprinkler system.

15. Section R309.2.1 Design and installation, is hereby amended to read as follows:

R309.2.1 Design and installation.

Automatic sprinkler systems, when installed, shall be designed and installed in accordance with Section P2904 or NFPA 13D.

16. Section R329.6 Roof access and pathways, is hereby amended to read as follows:

R329.6 Roof access and pathways.

Roof access, pathways and setback requirements shall be provided in accordance with Sections R329.6.1 through R329.6.2.1. Access and minimum spacing shall be required to provide emergency access to the roof, to provide pathways to specific areas of the roof, provide for smoke ventilation opportunity areas, and to provide emergency egress from the roof. Where roofs of separate properties adjoin, a roof-mounted PV system shall not encroach within 18-inches of the shared property line. This 18-inch setback on each side of an adjoining roof's property line will provide a 36-inch minimum wide pathway for firefighter access.

Exceptions:

1. Detached, nonhabitable structures, including but not limited to detached garages, parking shade structures, carports, solar trellises and similar structures, shall not be required to provide roof access.
2. Roof access, pathways and setbacks need not be provided where the code official has determined that rooftop operations will not be employed.
3. These requirements shall not apply to roofs with slopes of 2 units vertical in 12 units horizontal (17-percent slope) or less.

4. BIPV systems listed in accordance with UL 3741, where the removal or cutting away of portions of the BIPV system during firefighting operations has been determined to not expose a firefighter to electrical shock hazards.

17. Section R801.3 Roof drainage, is hereby amended to read as follows:

R801.3 Roof drainage.

In areas where expansive soils or collapsible soils are known to exist, all dwellings and townhouses shall have a controlled method of water disposal from roofs that will collect and discharge roof drainage to the ground surface not less than 5 feet (1524 mm) from foundation walls and foundation slabs or to an approved drainage system.

18. Section R905.1.2 Ice barriers, is hereby amended to read as follows:

R905.1.2 Ice barriers.

Ice barriers shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes and photovoltaic shingles when not prohibited by manufacturer's installation instructions. The ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building. On roofs with slope equal to or greater than 8 units vertical in 12 units horizontal (67-percent slope), the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building.

Exception: Detached accessory structures not containing conditioned floor area.

19. Section R905.2.7 Ice barrier, is hereby amended to read as follows:

R905.2.7 Ice barrier.

Ice barrier is required and shall comply with Section R905.1.2.

20. Section R905.3.3.1 Ice barrier, is hereby added to read as follows:

R905.3.3.1 Ice barrier.

Ice barrier is required and shall comply with Section R905.1.2.

21. Section R905.4.3.1 Ice barrier, is hereby amended to read as follows:

R905.4.3.1 Ice barrier.

Ice barrier is required and shall comply with Section R905.1.2.

22. Section R905.5.3.1 Ice barrier, is hereby amended to read as follows:

R905.5.3.1 Ice barrier.

Ice barrier is required and shall comply with Section R905.1.2.

23. Section R905.6.3.1 Ice barrier, is hereby amended to read as follows:

R905.6.3.1 Ice barrier.

Ice barrier is required and shall comply with Section R905.1.2.

24. Section R905.7.3.1 Ice barrier, is hereby amended to read as follows:

R905.7.3.1 Ice barrier.

- 1198 Ice barrier is required and shall comply with Section R905.1.2.
- 1199 25. Section R905.8.3.1 Ice barrier, is hereby amended to read as follows:
- 1200 R905.8.3. Ice barrier.
- 1201 Ice barrier is required and shall comply with Section R905.1.2.
- 1202 26. Section R905.15.3.1 Ice barrier, is hereby amended to read as follows:
- 1203 R905.15.3.1 Ice barrier.
- 1204 Ice barrier is required and shall comply with Section R905.1.2.
- 1205 27. Section R905.16.3.1 Ice barrier, is hereby amended to read as follows:
- 1206 R905.16.3.1 Ice barrier.
- 1207 Ice barrier is required and shall comply with Section R905.1.2.
- 1208 28. Section R908.4 Roof recover not allowed, is hereby amended to read as follows:
- 1209 R908.4 Roof recover not allowed.
- 1210 A roof recover shall not be permitted where any of the following conditions occur:
- 1211 1. Where the existing roof or roof covering is water soaked or has deteriorated
- 1212 to the point that the existing roof or roof covering is not adequate as a base
- 1213 for additional roofing.
- 1214 2. Where the existing roof covering is slate, clay, cement or asbestos-cement
- 1215 tile.
- 1216 3. Where the existing roof has two or more applications of any type of roof
- 1217 covering
- 1218 4. The roof has one or more existing layers of asphalt shingles.
- 1219 29. Section R908.4.1 Roof recovering over wood shingles or shakes, is hereby deleted
- 1220 in its entirety.
- 1221 30. Section G2417.4.1(406.4.1) Test pressure, is hereby amended as follows:
- 1222 G2417.4.1(406.4.1) Test pressure.
- 1223 The test pressure to be used shall be not less than 1 1/2 times the proposed maximum
- 1224 working pressure, but not less than 10 psig (20 kPa gauge), irrespective of design
- 1225 pressure. Where the test pressure exceeds 125 psig (862 kPa gauge), the test
- 1226 pressure shall not exceed a value that produces a hoop stress in the piping greater
- 1227 than 50 percent of the specified minimum yield strength of the pipe.
- 1228 31. Section G2417.4.2(406.4.2) Test duration, is hereby amended to read as follows:
- 1229 G2417.4.2(406.4.2) Test duration.
- 1230 The test duration shall not be less than 15 minutes.
- 1231 32. Section G2439.3 (614.4) Exhaust installation, is hereby amended to read as follows:
- 1232 G2439.3 (614.4) Exhaust installation.
- 1233 Exhaust ducts for clothes dryers shall terminate on the outside of the building not
- 1234 less than 12 inches (305 mm) above grade or roof surface and shall be equipped
- 1235 with a backdraft damper. Screens shall not be installed at the duct termination.
- 1236 Ducts shall not be connected or installed with sheet metal screws or other fasteners
- 1237 that will obstruct the flow. Clothes dryer exhaust ducts shall not be connected to a
- 1238 vent connector, vent or chimney. Clothes dryer exhaust ducts shall not extend into

or through ducts or plenums. Clothes dryer exhaust ducts shall be sealed in accordance with Section M1601.4.1.

33. Section M1502.3 Duct termination, is hereby amended to read as follows:

M1502.3 Duct termination.

Exhaust ducts shall terminate on the outside of the building. Exhaust duct terminations shall be in accordance with the dryer manufacturer's installation instructions. If the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet (914 mm) in any direction from openings into buildings, including openings in ventilated soffits and not less than 12 inches (305 mm) above grade or roof surface. Exhaust duct terminations shall be equipped with a backdraft damper. Screens shall not be installed at the duct termination.

34. Section N1104.2 (R404.2) Interior lighting controls, is hereby amended to read as follows:

N1104.2 (R404.2) Interior lighting controls.

All permanently installed luminaires shall be controlled as required in Sections N1104.2.1 and N1104.2.2.

Exception: Lighting controls shall not be required for the following:

1. Bathrooms.
2. Hallways.
3. Lighting designed for safety or security.

35. Section N1111.1.1 (R503.1.1) Building thermal envelope, is hereby amended to read as follows:

N1111.1.1 (R503.1.1) Building thermal envelope.

Alterations of existing building thermal envelope assemblies shall comply with this section. New building thermal envelope assemblies that are part of the alteration shall comply with Section N1102. The R-value of insulation shall not be reduced nor the U-factor of a building thermal envelope assembly be increased as part of a building thermal envelope alteration, except where the building after the alteration complies with Section N1105 or N1106.

Exception: The following alterations shall not be required to comply with the requirements for new construction provided that the energy use of the building is not increased:

1. Storm windows installed over existing fenestration.
2. Roof recover.
3. Surface-applied window film installed on existing single-pane fenestration assemblies to reduce solar heat gain provided that the code does not require the glazing or fenestration assembly to be replaced.
4. Roof replacement where roof assembly insulation is integral to or located below the structural roof deck.

5. Replacement of wall/floor/ceiling covering or misc. components that does not modify the existing framing or insulation.

36. Section P2603.5.1 Sewer depth, is hereby amended to read as follows:

P2603.5.1 Sewer depth.

Building sewer that connect to private sewage disposal systems shall be installed not less than thirty-six (36) inches (914 mm) below finished grade at the point of septic tank connection. Building sewers shall be installed not less than thirty-six (36) inches (914 mm) below grade.

37. Section P2904.1.1 Required sprinkler locations, is hereby amended to read as follows:

P2904.1.1 Required sprinkler locations.

Fire sprinklers are not required in dwelling units., other than Townhouses. When fire sprinklers are installed in dwelling units optionally or to qualify for exceptions within or application of any section of this code requiring sprinkler installation, sprinklers shall be installed to protect all areas of a dwelling unit.

Exceptions:

1. Attics, crawl spaces and normally unoccupied concealed spaces that do not contain fuel-fired appliances do not require sprinklers. In attics, crawl spaces and normally unoccupied concealed spaces that contain fuel-fired equipment, a sprinkler shall be installed above the equipment; however, sprinklers shall not be required in the remainder of the space.
2. Clothes closets, linen closets and pantries not exceeding 24 square feet (2.2 m²) in area, with the smallest dimension not greater than 3 feet (915 mm) and having wall and ceiling surfaces of gypsum board.
3. Bathrooms not more than 55 square feet (5.1 m²) in area.
4. Garages; carports; exterior porches; unheated entry areas, such as mud rooms, that are adjacent to an exterior door; and similar areas.

38. Section P3103.1.1 Roof extension is hereby amended to read as follows:

P3103.1.1 Roof extension.

Open vent pipes that extend through a roof that do not meet the conditions of Section P3103.1.2 or P3103.1.3 shall terminate not less than 12 inches (150 mm) above the roof.

J. Amendments to the 2024 International Swimming Pool and Spa Code: The 2024 International Swimming Pool and Spa Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:

[A]101.1 Title.

These provisions shall be known as the Swimming Pool and Spa Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:

[A]103.1 Creation of agency.

The City of Littleton Building Division is hereby deemed the agency in charge of enforcement of this code and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

3. Section [A]107.1 Construction Documents, is hereby deleted in its entirety.
4. Section [A]107.2 Retention of construction documents, is hereby deleted in its entirety.
5. Section [A]105.4.3 Expiration, is hereby amended to read as follows:

[A]105.4.3 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

6. Section [A]105.4.4 Extensions, is hereby deleted in its entirety.
7. Section 113.4 Violation penalties, is hereby amended to read as follows:

113.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair work in violation of the approved construction documents, directive of the code official, or of a permit or certificate issued under the provisions of this code, shall subject be to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

8. Section 305.1 General, is hereby amended to read as follows:

The provisions of this section shall apply to the design of barriers for restricting entry into areas having pools and spas. Where residential spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and residential swimming pools are equipped with a powered safety cover that complies with ASTM F1346, the areas where those residential spas, hot tubs or pools are located shall not be required to comply with Sections 305.2 through 305.7.

K. Amendments to the 2024 International Wildland-Urban Interface Code: The 2024 International Wildland-Urban Interface Code is hereby adopted by reference and amended as follows:

1. Section [A]101.1 Title, is hereby amended to read as follows:

[A]101.1 Title.

These provisions shall be known as the Wildland-Urban Interface Code of City of Littleton, Colorado, and shall be cited as such and will be referred to herein as “this code.”

2. Section 101.2 Scope, is hereby amended to read as follows:

101.2 Scope.

The provisions of this code shall only apply to parcels identified on the Fire Intensity Scale within the most current version of the Wildfire Risk Map from Colorado State Forest Service. The provisions of this code shall apply to the construction, alteration, movement, repair, maintenance and use of any building, structure or premises within the applicable wildland-urban interface areas in this jurisdiction.

Buildings or conditions in existence at the time of the adoption of this code are allowed to have their use or occupancy continued, if such condition, use or occupancy was legal at the time of the adoption of this code, provided that such continued use does not constitute a distinct danger to life or property.

Applicable buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new buildings or structures.

3. Section [A]103.1 Creation of agency, is hereby amended to read as follows:

[A]103.1 Creation of agency.

The City of Littleton Building Division is hereby deemed the agency in charge of enforcement of this code and the official in charge thereof shall be known as the code official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

4. Section [A]105.8 Expiration, is hereby amended to read as follows:

[A]105.8 Expiration.

Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time that the work has commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

5. Section 113.4 Violation penalties, is hereby amended to read as follows:

113.4 Violation penalties.

Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair work in violation of the approved construction documents, directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4, Section 1-4-1: GENERAL PENALTY.

6. Appendix A: General Requirements is adopted unamended.

7. Appendix C: Fire Hazard Severity Form is adopted unamended.

Section 2. Severability. If any part, section, subsection, sentence, clause or phrase of this ordinance is for any reason held to be invalid, such invalidity shall not affect the validity of the remaining sections of this ordinance. The City Council hereby declares that it would have passed this ordinance, including each part, section, subsection, sentence, clause or phrase hereof, irrespective of the fact that one or more parts, sections, subsections, sentences, clauses or phrases may be declared invalid.

Section 3: Repealer. All ordinances or resolutions, or parts thereof, in conflict with this ordinance are hereby repealed, provided that this repealer shall not repeal the repealer clauses of such ordinance nor revive any ordinance thereby.

INTRODUCED AS A BILL at a regularly scheduled meeting of the City Council of the City of Littleton on the 3rd day of June, 2025, passed on first reading by a vote of 7 FOR and 0 AGAINST; and ordered published by posting at Littleton Center, Bemis Library, the Municipal Courthouse and on the City of Littleton Website.

PUBLIC HEARING on the Ordinance to take place on the 15th day of July, 2025, in the Council Chamber, Littleton Center, 2255 West Berry Avenue, Littleton, Colorado, at the hour of 6:30 p.m., or as soon thereafter as it may be heard.

PASSED on second and final reading, following public hearing, by a vote of ___ FOR and ___ AGAINST on the 15th day of July, 2025 and ordered published by posting at Littleton Center, Bemis Library, the Municipal Courthouse and on the City of Littleton Website.

ATTEST:

Colleen L. Norton
CITY CLERK

Kyle Schlachter
MAYOR

1436
1437 APPROVED AS TO FORM:

1438
1439 _____
1440 Reid Betzing
1441 CITY ATTORNEY

