



Legal Notice

Date: 10/20/2022

Subject: An ordinance of the City of Littleton, Colorado, repealing and reenacting Chapter 1 Building Codes of Title 4 Building Regulations, and Chapter 2, Fire Prevention of Title 5, Fire Regulations, of the Littleton City Code through adoption of general and administrative provisions and the adoption by reference of: the 2021 International Building Code; 2021 International Residential Code, 2021 International Mechanical Code, 2021 International Plumbing Code; 2021 Fuel Gas Code; 2021 International Energy Conservation Code; 2021 International Existing Building Code; 2021 International Property Maintenance Code; 2021 International Fire Code; 202 version of the National Electric Code; and the 1997 Uniform Code for Abatement of Dangerous Buildings, as amended.

Passed/Failed: Passed on first reading on 10/18/2022

CITY OF LITTLETON, COLORADO

**ORDINANCE 26
SERIES 2022**

1 CITY OF LITTLETON, COLORADO

2
3 ORDINANCE NO. 26

4
5 Series, 2022

6
7
8 AN ORDINANCE OF THE CITY OF LITTLETON, COLORADO,
9 REPEALING AND REENACTING CHAPTER 1 BUILDING CODES OF
10 TITLE 4 BUILDING REGULATIONS, AND CHAPTER 2, FIRE
11 PREVENTION OF TITLE 5, FIRE REGULATIONS, OF THE LITTLETON
12 CITY CODE THROUGH THE ADOPTION OF GENERAL AND
13 ADMINISTRATIVE PROVISIONS AND THE ADOPTION, BY
14 REFERENCE OF: THE 2021 INTERNATIONAL BUILDING CODE; 2021
15 INTERNATIONAL RESIDENTIAL CODE; 2021 INTERNATIONAL
16 MECHANICAL CODE; 2021 INTERNATIONAL PLUMBING CODE; 2021
17 FUEL GAS CODE; 2021 INTERNATIONAL ENERGY CONSERVATION
18 CODE; 2021 INTERNATIONAL EXISTING BUILDING CODE; 2021
19 INTERNATIONAL PROPERTY MAINTENANCE CODE; 2021
20 INTERNATIONAL FIRE CODE, THE 2020 VERSION OF THE
21 NATIONAL ELECTRIC CODE; AND THE 1997 UNIFORM CODE FOR
22 THE ABATEMENT OF DANGEROUS BUILDINGS AS AMENDED

23
24 WHEREAS, the City Council of the City of Littleton desires to update the City of
25 Littleton Building and Fire Codes to reflect recent changes to many of the International Codes that
26 the City has adopted in the past; and

27
28 WHEREAS, the City Council deems it to be in the best interests of the public
29 health, safety and welfare that the above-mentioned codes and various amendments thereto be
30 adopted.

31
32 NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF
33 THE CITY OF LITTLETON, COLORADO, THAT:

34
35 Section 1: Chapter 1 Building Codes of Title 4, Building Regulation of the Littleton
36 City Code is hereby amended to read as follows:

1 **4-1-1: CODES ADOPTED:**

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

5 A. International Building Code, 2021 edition, of the International Code Council.

6 B. International Residential Code, 2021 edition, of the International Code Council.

7 C. International Mechanical Code, 2021 edition, of the International Code Council.

8 D. National Electric Code, 2020 edition, of the National Fire Protection Association.

9 E. International Plumbing Code, 2021 edition, of the International Code Council.

10 F. International Fuel Gas Code, 2021 edition, of the International Code Council.

11 G. International Property Maintenance Code, 2021 edition, of the International Code Council

12 H. International Energy Conservation Code, 2021 edition, of the International Code Council.

13 I. International Existing Building Code, 2021 edition, of the International Code Council.

14 J. International Fire Code, 2021 edition, of the International Code Council.

15 K. Uniform Code for the Abatement of Dangerous Buildings, 1997 edition, of the International
16 Conference of Building Officials.

17 **4-1-2: OFF-SITE IMPROVEMENTS:**

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

21 **B. Definitions:**

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

23 **OFF-SITE IMPROVEMENTS:** For the purpose of this section, shall mean any physical
24 improvement above or below ground, required by the City to be installed in an alley, street,
25 or other public right-of-way or easement or publicly owned property adjacent to property
26 for which a building permit is being sought for the purposes of development,

1 redevelopment or other construction. (Included within this definition shall be curb, gutter,
2 sidewalk, paving, drainage structures, fire hydrants, etc.)

3 **C. Performance Bond or Cash Deposit:** The administration shall deny final approval and
4 certificate of occupancy of any building until the required off-site improvements are completed
5 and have been inspected and approved, unless completion of the off-site improvements is
6 guaranteed by a performance bond, cash deposit, letter of credit or other obligation approved by
7 the administration and the city attorney for a sum determined by the administration to be adequate
8 to effect the improvements as required.

9 Performance guarantees shall be returned to the depositor upon the approval of the administration
10 subsequent to the completion of the off-site improvements. Such guarantees, or a portion thereof,
11 as determined by the administration, may be retained by the city as compensation for performing
12 the plans, provided further that the depositor shall have failed, or refused, to install the work within
13 thirty (30) days after receipt of a notice in writing from the administration.

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

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

27 **4-1-3: APPEALS:**

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

35 **4-1-4: EXEMPTIONS, BUILDING PERMIT FEES:**

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

7 **4-1-5: AMENDMENTS TO CODES:**

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

12 **A. Administrative Provisions:**

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

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

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

23 **a. Tests:** Whenever there is insufficient evidence of compliance with the provisions of the
24 applicable codes regarding the use of an alternate material design or method of construction
25 and equipment, or evidence that a proposed material design or method of construction and
26 equipment does not conform to the requirements of the applicable codes, the building
27 official or city engineer may require that tests be made at the expense of the proponent of
28 the questioned material design or method of construction and equipment.

29 1. Test methods shall be as specified by the building official, city engineer, or by
30 other recognized test standards. In the absence of recognized and accepted test
31 methods of the proposed alternate material design or method of construction and
32 equipment, the building official or city engineer shall determine which test
33 procedures are appropriate.

1 2. All tests shall be made by an approved agency. Reports of such tests shall be
2 retained by the building official.

3 **b. Modifications:** Whenever there are practical difficulties involved in complying with
4 the provisions of the applicable codes, the building official or city engineer shall have the
5 authority to grant modifications for individual cases, provided they shall first find that a
6 special individual reason makes the strict letter of the applicable codes impractical; that the
7 modification is consistent with the intent and purpose of the applicable code; and that such
8 modification will not lessen health, safety or general welfare requirements. Any decision
9 granting a modification shall be documented by the individual granting such modification
10 and shall include the reasons therefor.

11 **3. Duties and Powers of City Engineer:**

12 **a. General:** The City Engineer or designee is authorized to enforce all the provisions of
13 this chapter as it relates to grading, excavation, floodplain or right-of way permits.

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

18 **c. Inspections:** The City Engineer or their appointed representative shall make all of the
19 required inspections. Reports of such inspections shall be in writing and be certified by a
20 responsible officer of such approved agency or by the responsible individual.

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

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

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

1 **f. Enforcement of adopted Building Codes:** The City Engineer shall enforce provisions
2 contained within Sections 104.10.1, 1612.3, 1612.4, 1804.5, and Chapter 32, Appendix G,
3 and Appendix J of the IBC as amended in 4-1-5(B), and R104.10.1 and R106.1.4 of the
4 IRC.

5 **4. Authority to Disconnect Utilities in Emergencies:** In the case of an emergency, where
6 it is necessary to eliminate an immediate hazard to life or property, the City Engineer or
7 their authorized representative shall have the authority to cause the disconnection of fuel
8 gas utility service or energy supplies to a building, structure, premises, or equipment
9 regulated by the code(s) with which the City Engineer has been granted enforcement
10 authority. The City Engineer shall, whenever possible, notify the serving utility, the owner,
11 and the occupant of the building, structure, or premises of the decision to disconnect prior
12 to taking such action.

13 **5. Permits Required:**

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

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

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

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

28 **6. Excavation and Grading:**

29 **a. Purpose:** The City Engineer or designated representative shall enforce provisions of
30 this section. This subsection sets forth rules and regulations to control excavation, grading
31 and earthwork construction, including fills and embankments; establishes the
32 administrative procedure for issuance of permits; and provides for approval of plans and
33 inspection of grading construction, to provide additional information or clarification of
34 requirements located in Appendix J of the IBC. Requirements for Grading Permits are also

1 contained in the latest edition of the City of Littleton Storm Drainage Design and Technical
2 Criteria Manual (city's storm drainage criteria), Chapter 13.

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

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

14 **d. Grading Fees:** Fees for grading permits, including the plan review fee, shall be by
15 a resolution adopted by the city council from time to time.

16 **e. Bonds:** The engineering division may require bonds in such form and amounts as
17 may be deemed necessary to ensure that the work, if not completed in accordance with the
18 approved plans and specifications, will be corrected to eliminate hazardous conditions. In
19 lieu of a surety bond the applicant may file a cash bond or instrument of credit with the
20 engineering division in an amount equal to that which would be required in the surety bond.

21 **f. Cuts:** The slope of cut surfaces shall be no steeper than is safe for the intended use
22 and shall be no steeper than one unit vertical to two (2) units horizontal unless the permittee
23 furnishes a certified soils engineering or a certified engineering geology report, or both,
24 stating that the site has been investigated and giving an opinion that a cut at a steeper slope
25 will be stable and not create a hazard to the public or private property. Such certified
26 engineering report shall be prepared by a Professional Engineer licensed in the state of
27 Colorado.

28 **g. Fills:** Fills slopes shall not be constructed on natural slopes steeper than one unit
29 vertical in two (2) units horizontal unless the permittee furnishes a certified soils
30 engineering or certified geology report, or both, stating that the site has been investigated
31 and giving an opinion that a fill at a steeper slope will be stable and not create a hazard to
32 the public or private property. Such certified engineering report shall be prepared by a
33 Professional Engineer licensed in the state of Colorado. Drainage And Terracing: Terraces
34 widths and spacing for cut and fill slopes greater than one hundred twenty feet (120') in
35 height shall be designed by a Professional Engineer licensed in the State of Colorado and
36 approved by the City Engineer. Grading Inspections: Grading operations for which a permit
37 is required shall be subject to inspection by the City Engineer. As needed, professional

1 inspection of grading operations may be required of the permittee and provided by the civil
2 engineer and the soils engineer retained by the permittee to provide such services during
3 design.

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

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

14 **h. Drainage And Terracing:** Terraces widths and spacing for cut and fill slopes
15 greater than one hundred twenty feet (120') in height shall be designed by a Professional
16 Engineer licensed in the State of Colorado and approved by the City Engineer.

17 **i. Grading Inspections:** Grading operations for which a permit is required shall be
18 subject to inspection by the City Engineer. As needed, professional inspection of grading
19 operations may be required of the permittee and provided by the civil engineer and the soils
20 engineer retained by the permittee to provide such services during design.

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

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

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

34 **i** An as built grading plan prepared by the civil engineer retained to provide
35 such services showing original ground surface elevations, as graded ground surface

1 elevations, lot drainage patterns, and the locations and elevations of surface
2 facilities and of the outlets of subsurface drains. As constructed locations,
3 elevations and details of subsurface drains shall be shown as reported by the soils
4 engineer. Civil engineers shall state that to the best of their knowledge the work
5 within their area of responsibility was done in accordance with the final approved
6 grading plan.

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

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

20
21 **7. Contractor License Required:** Requirements for a city of Littleton contractor license
22 shall be in accordance with Title 3, chapter 16 of this code.

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

25
26 **Section 2:** Title 4, Chapter 1, Section 5, Subsection (B) of the City of Littleton
27 Municipal code is hereby repealed and reenacted to read as follows:

28
29 **4-1-5(B):** Amendments to the 2021 International Building Code:

30 The 2021 International Building Code is hereby adopted by reference and amended as follows:

31
32 1. Section [A]101.1 Title, is amended to read as follows:

33
34 [A]101.1 Title. These regulations shall be known as the Building Code of City of Littleton,
35 Colorado, hereinafter referred to as “this code.”

36
37 2. Section [A]103.1 Creation of enforcement agency, is amended to read as follows:
38

1 [A]103.1 Creation of enforcement agency. The City of Littleton Building Division is
2 hereby created and the official in charge thereof shall be known as the building official.
3 The function of the agency shall be the implementation, administration and enforcement
4 of the provisions of this code.

5
6 3. Section [A]105.1.1 Annual Permit, is hereby deleted.

7
8 4. Section [A]105.1.2 Annual permit records, are hereby deleted.

9
10 5. Section [A]105.2 Work exempt from permit, is hereby amended to read as follows:

11 [A]105.2 Work exempt from permit.

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

16
17 Building:

18 1. One-story detached accessory structures used as tool and storage sheds, playhouses and
19 similar uses, provided that the floor area is not greater than 120 square feet (11 m²) or the
20 height of the highest point of the roof measured from grade does not exceed eight (8) feet.

21 3. Oil derricks.

22 4. Retaining walls that are not over 2 feet (609 mm) in height measured from the bottom
23 of the footing to the top of the wall, unless supporting a surcharge or impounding Class I,
24 II or IIIA liquids.

25 5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons
26 (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.

27 6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and
28 not over any basement or story below and are not part of an accessible route.

29 7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work that
30 are not required to comply with other portions of this or other adopted codes or are not a
31 part of another project or the scope of which requires a permit in accordance with 105.1.

32 8. Temporary motion picture, television and theater stage sets and scenery.

33 9. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24
34 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed
35 entirely above ground.

36 10. Shade cloth structures constructed for nursery or agricultural purposes, not including
37 service systems.

38 11. Swing and other playground equipment accessory to detached one- and two-family
39 dwellings.
40

1 12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that
2 do not project more than 54 inches (1372 mm) from the exterior wall and do not require
3 additional support.

4 13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9
5 inches (1753 mm) in height.

6
7 Electrical:

8 1. Repairs and maintenance: Minor repair work, including the replacement of lamps or the
9 connection of approved portable electrical equipment to approved permanently installed
10 receptacles.

11 2. Radio and television transmitting stations: The provisions of this code shall not apply to
12 electrical equipment used for radio and television transmissions but do apply to equipment
13 and wiring for a power supply and the installations of towers and antennas.

14 3. Temporary testing systems: A permit shall not be required for the installation of any
15 temporary system required for the testing or servicing of electrical equipment or apparatus.

16
17 Gas:

18 1. Portable heating appliance.

19 2. Replacement of any minor part that does not alter approval of equipment or make such
20 equipment unsafe.

21
22 Mechanical:

23 1. Portable heating appliances.

24 2. Portable ventilation appliances and equipment.

25 3. Portable cooling units.

26 4. Steam, hot water or chilled water piping within any heating or cooling equipment or
27 appliances regulated by this code.

28 5. The replacement of any minor part that does not alter the approval of equipment or an
29 appliance or make such equipment or appliance unsafe.

30 6. Portable evaporative coolers.

31 7. Self-contained refrigeration systems that contain 10 pounds (4.5 kg) or less of
32 refrigerant, or that are actuated by motors of 1 horsepower (0.75 kW) or less.

33 8. Portable fuel cell appliances that are not connected to a fixed piping system and are not
34 interconnected to a power grid.

35
36 Plumbing:

37 1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that
38 if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it
39 becomes necessary to remove and replace the same with new material, such work shall be
40 considered as new work and a permit shall be obtained and inspection made as provided in
41 this code.

1 2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the
2 removal and reinstallation of water closets, provided that such repairs do not involve or
3 require the replacement or rearrangement of valves, pipes or fixtures.
4

5 6. Section [A] 105.5 Expiration is hereby amended to read as follows:
6

7 [A]105.5 Expiration. Every permit issued shall become invalid unless the work on the site
8 authorized by such permit is commenced within 180 days after its issuance, or if the work
9 authorized on the site by such permit is suspended or abandoned for a period of 180 days,
10 and shall expire 365 days after issuance, regardless of activity, unless an extension of the
11 permit is granted by the Building Official. The building official is authorized to grant, in
12 writing, one or more extensions of time, for periods not more than 180 days each. The
13 extension shall be requested in writing and justifiable cause demonstrated.
14

15 7. Section [A]106.1 Live loads posted, is hereby deleted in its entirety.
16

17 8. Section [A]106.2 Issuance of certificate of occupancy, is hereby deleted in its entirety.
18

19 9. Section [A]109.3 Permit valuations, is hereby amended to read as follows:
20

21 [A]109.3 Permit valuations.

22 The applicant for a permit shall provide an estimated permit value at time of application.
23 Permit valuations shall reflect the total value of all work, including materials and labor, for
24 which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment,
25 permanent systems and all finish work. If, in the opinion of the building official, the
26 valuation is underestimated on the application, the permit shall be denied, unless the
27 applicant can show detailed estimates to meet the approval of the building official. Final
28 building permit valuation shall be set by the building official.
29

30 10. Section [A]115.2 Issuance, is hereby amended to read as follows:
31

32 [A]115.2 Issuance.

33 The stop work order shall be in writing and shall be given to the owner of the property, the
34 owner's authorized agent or the person performing the work or, if the owner, owner's agent
35 or person performing the work is not present, the stop work order shall be posted on the
36 structure or property. Upon issuance of a stop work order, the cited work shall immediately
37 cease. The stop work order shall state the reason for the order and the conditions under
38 which the cited work is authorized to resume.
39

40
41 11. Section [F]903.2.8 Group R is hereby amended to read as follows:
42

[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.

12. Table 1507.1.1(2) Underlayment Application is amended to read as follows:

Table 1507.1.1(2) Underlayment Application.

**TABLE 1507.1.1(2)
UNDERLAYMENT APPLICATION**

ROOF COVERING	SECTION	MAXIMUM BASIC DESIGN WIND SPEED, $V < 140$ MPH	MAXIMUM BASIC DESIGN WIND SPEED, $V \geq 140$ MPH
Asphalt shingles	<u>1507.2</u>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>For roof slopes from 2 units vertical in 12 units horizontal (2:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied as follows: Underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches, Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.</p>	Same as Maximum Basic Design Wind Speed, $V < 140$ mph except all laps shall be not less than 4 inches
Clay and concrete tile	<u>1507.3</u>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p>	Same as Maximum Basic Design Wind Speed, $V < 140$ mph except all laps shall be not

		<p>For roof slopes from 2½ units vertical in 12 units horizontal (2½:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be not fewer than two layers applied as follows: Starting at the eave, a 19-inch strip of underlayment shall be applied parallel with the eave. Starting at the eave, a 36-inch-wide strip of underlayment felt shall be applied, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet.</p> <p>For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied as follows: Underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches. End laps shall be 4 inches and shall be offset by 6 feet.</p>	less than 4 inches
Metal roof panels	<u>1507.4</u>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>Apply in accordance with the manufacturer’s installation instructions</p>	<p>For roof slopes from 2 units vertical in 12 units horizontal (2:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be two layers applied as follows: Apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet.</p> <p>For roof slopes</p>
Metal roof shingles	<u>1507.5</u>		
Mineral-surfaced roll roofing	<u>1507.6</u>		
Slate shingles	<u>1507.7</u>		
Wood shingles	<u>1507.8</u>		
Wood shakes	<u>1507.9</u>		

			<p>of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied as follows: Underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 4 inches. End laps shall be 4 inches and shall be offset by 6 feet.</p>
<p>Photovoltaic shingles</p>	<p><u>1507.16</u></p>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>For roof slopes from 3 units vertical in 12 units horizontal (3:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be two layers applied as follows: Apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet. Distortions in the underlayment shall not interfere with the ability of the shingles to seal.</p> <p>For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied as follows: Underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.</p>	<p>Same as Maximum Basic Design Wind Speed, $V < 140$ mph except all laps shall be not less than 4 inches</p>

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm; 1 mile per hour = 0.447 m/s.

1
2
3
4
5

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

1 1507.1.2 Ice Barriers.
2 Ice barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll
3 roofing, slate and slate-type shingles, wood shingles, wood shakes and photovoltaic shingles
4 when not prohibited by manufacturer's installation instructions. The ice barrier shall consist of
5 not less than two layers of underlayment cemented together, or a self-adhering polymer
6 modified bitumen sheet shall be used in place of normal underlayment and extend from the
7 lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior
8 wall line of the building.
9

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

11
12 14. Section 1507.2.6 Attachment, is amended to read as follows:

13
14 1507.2.6 Attachment.
15 Asphalt shingles shall have the minimum number of fasteners required by the manufacturer,
16 but not less than six (6) fasteners per strip shingle or two fasteners per individual shingle.
17 Where the roof slope exceeds 21 units vertical in 12 units horizontal (21:12), shingles shall be
18 installed as required by the manufacturer.
19

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

21
22 1507.2.7 Ice Barrier.
23 Ice barrier is required and shall comply with Section 1507.1.2.
24

25 16. Section 1507.3.3.1, Ice barrier is hereby added to read as follows:

26
27 1507.3.3.1 Ice Barrier.
28 Ice barrier is required and shall comply with Section 1507.1.2.
29

30 17. Section 1507.4.5.1 Ice Barrier, is hereby added to read as follows:

31
32 1507.4.5.1 Ice Barrier.
33 Ice barrier is required and shall comply with Section 1507.1.2.
34

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

36
37 1507.5.4 Ice Barrier.
38 Ice Barrier is required and shall comply with Section 1507.1.2.
39

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

41
42 1507.6.4 Ice Barrier.

1 Ice barrier is required and shall comply with Section 1507.1.2.

2

3

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

5

6 1507.7.4 Ice Barrier.

7 Ice barrier is required and shall comply with Section 1507.1.2.

8

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

10

11 1507.8.4 Ice Barrier.

12 Ice barrier is required and shall comply with Section 1507.1.2.

13

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

15

16 1507.9.4 Ice Barrier.

17 Ice barrier is required and shall comply with Section 1507.1.2.

18

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

20

21 1507.16.4 Ice Barrier.

22 Ice barrier is required and shall comply with Section 1507.1.2.

23

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

25

26 1507.17.4.2 Ice Barrier.

27 Ice barrier is required and shall comply with Section 1507.1.2.

28

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

30

31

32 25. Section 1512.2.1.1 Exceptions, is hereby amended to read as follows:

33

34

35 1512.2.1.1 Exceptions.

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

37

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

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

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

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

1
2
3
4 26. Chapter 32 of the IBC Encroachments into the Public Right of Way is deleted. All work
5 within the public right of way is subject to applicable sections of the Municipal Code and
6 Littleton Engineering Design Standards (LEDS).

7
8 27. Appendix J Grading is adopted as modified as noted above in 4-1-5(A)6, Excavation and
9 Grading.

10
11
12 **Section 3:** Title 4, Chapter 1, Section 5, Subsection (C) of the City of Littleton
13 Municipal code is hereby repealed and reenacted to read as follows:

14
15 **4-1-5(C): Amendments to the 2021 International Residential Code:**

16 The 2021 International Residential Code is hereby adopted by reference and amended as follows:

17
18 1. Section R101.1 Title, is hereby amended to read as follows:

19
20 R101.1 Title.

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

24
25 2. Section R105.2 Work exempt from permit, is hereby amended to read as follows:

26
27 R105.2 Work exempt from permit.

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

31
32 **Building:**

33 1. Other than storm shelters, one-story detached accessory structures, provided that the floor
34 area does not exceed 120 square feet (18.58 m²) or the height of the highest point of the roof
35 measured from grade does not exceed eight (8) feet.

36 3. Retaining walls that are not over 2 feet (609 mm) in height measured from the bottom of
37 the footing to the top of the wall, unless supporting a surcharge.

38 4. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons (18
39 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.

40 5. Sidewalks and driveways that are not part of an accessible route.

41 6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work that are
42 not required to comply with other portions of this or other adopted codes or are not a part of

- 1 another project the scope of which requires a permit in accordance with 105.1.
2 7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
3 8. Swings and other playground equipment.
4 9. Window awnings supported by an exterior wall that do not project more than 54 inches
5 (1372 mm) from the exterior wall and do not require additional support.
6

7 Electrical:

- 8 1. Listed cord-and-plug connected temporary decorative lighting.
9 2. Reinstallation of attachment plug receptacles but not the outlets therefor.
10 3. Replacement of branch circuit overcurrent devices of the required capacity in the same
11 location.
12 4. Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts
13 and not capable of supplying more than 50 watts of energy.
14 5. Minor repair work, including the replacement of lamps or the connection of approved
15 portable electrical equipment to approved permanently installed receptacles.
16

17 Gas:

- 18 1. Portable heating, cooking or clothes drying appliances.
19 2. Replacement of any minor part that does not alter approval of equipment or make such
20 equipment unsafe.
21 3. Portable-fuel-cell appliances that are not connected to a fixed piping system and are not
22 interconnected to a power grid.
23

24 Mechanical:

- 25 1. Portable heating appliances.
26 2. Portable ventilation appliances.
27 3. Portable cooling units.
28 4. Steam, hot- or chilled-water piping within any heating or cooling equipment regulated by
29 this code.
30 5. Replacement of any minor part that does not alter approval of equipment or make such
31 equipment unsafe.
32 6. Portable evaporative coolers.
33 7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or
34 that are actuated by motors of 1 horsepower (746 W) or less.
35 8. Portable-fuel-cell appliances that are not connected to a fixed piping system and are not
36 interconnected to a power grid.
37

38 Plumbing:

- 39 1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if
40 any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes
41 necessary to remove and replace the same with new material, such work shall be considered as
42 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

1 removal and reinstallation of water closets, provided such repairs do not involve or require the
2 replacement or rearrangement of valves, pipes or fixtures.

3
4 3. Section R105.5 Expiration, is hereby amended to read as follows:

5
6 R105.5 Expiration.

7 Every permit issued shall become invalid unless the work on the site authorized by such
8 permit is commenced within 180 days after its issuance, or if the work authorized on the
9 site by such permit is suspended or abandoned for a period of 180 days, and shall expire
10 365 days after issuance, regardless of activity, unless an extension of the permit is granted
11 by the Building Official. The building official is authorized to grant, in writing, one or
12 more extensions of time, for periods not more than 180 days each. The extension shall be
13 requested in writing and justifiable cause demonstrated.

14
15 4. Section R108.3 Building permit valuations, is hereby amended to read as follows:

16
17 R108.3 Building permit valuations.

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

25
26 5. Section 109.1.5.2 Preliminary inspection is hereby added to read as follows:

27
28 R109.1.5.2 Preliminary inspection.

29 Before a permit is issued, the code official is authorized to inspect and evaluate the systems,
30 equipment, buildings, devices, premises and spaces or areas to be used.

31
32 6. Section R114.2 Issuance, is hereby amended to read as follows:

33
34 R114.2 Issuance.

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

41
42 7. 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](#)

**TABLE R301.2
 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD ^o	WIND DESIGN				SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED ^h	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ	MEAN ANNUAL TEMP ^j
	Speed ^d (mph)	Topographic effects ^k	Special wind region ^l	Windborne debris zone ^m		Weathering ^a	Frost line depth ^b	Termite ^c				
30 PSF	Footnote A	No	Yes	No	B	Yes	36 in	Footnote B	Yes	Footnote C	532	50.2° F
MANUAL J DESIGN CRITERIA^a												
Elevation			Altitude correction factor ^e	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. Wind speed is determined using the most recent version of the Colorado Wind Gust Map as approved by the Structural Engineer's Association of Colorado but shall not be less than 105 mph nominal at any location within the jurisdiction of the City of Littleton.

B. Termite hazard is slight to moderate

C. Entered National Flood Insurance Program 1978; Flood Insurance Study for Arapahoe County and Incorporated Areas – September 4, 2020

8. Section R313.1 Townhouse automatic fire sprinkler systems, is hereby deleted in

1 its entirety.

2
3 9. Section R313.1.1 Design and installation, is hereby deleted in its entirety.

4
5 10. Section 313.2 One- and two-family dwellings automatic sprinkler systems is hereby
6 amended to read as follows:

7
8 R313.2 One- and two-family dwellings automatic sprinkler systems.

9 An automatic sprinkler system may be installed in one- and two-family dwellings.
10 Exception: An automatic sprinkler system shall not be required for additions or alterations
11 to existing buildings that are not already provided with a sprinkler system.

12
13 11. Section 313.2.1 Design and installation, is hereby amended to read as follows:

14
15 R313.2.1 Design and installation.

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

18
19 12. Section 324.6 Pathways, is hereby amended to read as follows:

20
21 R324.6. Pathways.

22 Not fewer than two pathways, on separate roof planes from lowest roof edge to ridge and
23 not less than 36 inches (914 mm) wide, shall be provided on all buildings. Not fewer than
24 two (2) pathways shall be provided on the street or driveway side of the roof. For each roof
25 plane with a photovoltaic array, a pathway not less than 36 inches wide (914 mm) shall be
26 provided from the lowest roof edge to ridge on the same roof plane as the photovoltaic
27 array, on an adjacent roof plane, or straddling the same and adjacent roof planes. Pathways
28 shall be over areas capable of supporting fire fighters accessing the roof. Pathways shall
29 be located in areas with minimal obstructions such as vent pipes, conduit, or mechanical
30 equipment.

31
32 13. Section 324.6.2 Setback at ridge, is hereby amended to read as follows:

33
34 R324.6.2 Setback at ridge, eaves and rakes.

35 For photovoltaic arrays, not less than a 36-inch (914 mm) clear setback is required on both
36 sides of a horizontal ridge and from the roof eaves and rakes.

37
38 14. Section 324.6.2.1 Alternative setback at ridge. is hereby deleted in its entirety.

39
40 15. Table R905.1.1(2) Underlayment Application is hereby amended to read as follows:

41
42 **TABLE R905.1.1(2)**

1

UNDERLAYMENT APPLICATION

ROOF COVERING	SECTION	AREAS WHERE WIND DESIGN IS NOT REQUIRED IN ACCORDANCE WITH <u>FIGURE R301.2.1.1</u>	AREAS WHERE WIND DESIGN IS REQUIRED IN ACCORDANCE WITH <u>FIGURE R301.2.1.1</u>
Asphalt shingles	<u>R905.2</u>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>For roof slopes from 2 units vertical in 12 units horizontal (2:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet. For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied in the following manner: underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches, Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.</p>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.</p>
Clay and	<u>R905.3</u>	For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with	For all roof slopes, an ice barrier shall be

concrete tile		<p>manufacturer's installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>For roof slopes from 2½ units vertical in 12 units horizontal (2½:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be not fewer than two layers applied as follows: starting at the eave, apply a 19-inch strip of underlayment parallel with the eave. Starting at the eave, apply 36-inch-wide strips of underlayment felt, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet. For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be not fewer than one layer of underlayment felt applied shingle fashion, parallel to and starting from the eaves and lapped 2 inches. End laps shall be 4 inches and shall be offset by 6 feet.</p>	<p>applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer's installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.</p>
Metal roof shingles	<u>R905.4</u>	For all roof slopes, an ice barrier shall be applied as follows: Apply	For all roof slopes, an ice barrier shall be applied as follows:
Mineral-surfaced roll roofing	<u>R905.5</u>	ice barrier parallel to and starting at eaves in accordance with manufacturer's installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.	Apply ice barrier parallel to and starting at eaves in accordance with manufacturer's installation
Slate and slate-type shingles	<u>R905.6</u>	Apply in accordance with the manufacturer's installation instructions.	instructions in successive courses sufficient for ice barrier to extend up

Wood shingles	<u>R905.7</u>		roof slope a minimum of 24 inches inside the exterior wall line.
Wood shakes	<u>R905.8</u>		Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet.
Metal panels	<u>R905.10</u>		Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. End laps shall be 4 inches and shall be offset by 6 feet.
Photovoltaic shingles	<u>R905.16</u>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>For roof slopes from 2 units vertical in 12 units horizontal (2:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet. For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied in the following manner: underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.</p>	<p>For all roof slopes, an ice barrier shall be applied as follows: Apply ice barrier parallel to and starting at eaves in accordance with manufacturer’s installation instructions in successive courses sufficient for ice barrier to extend up roof slope a minimum of 24 inches inside the exterior wall line.</p> <p>Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping</p>

			successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.
--	--	--	--

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

16. 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.

17. 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.

18. 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.

19. 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.

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

R905.5.3.1 Ice barrier.

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

21. 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.

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

R905.7.3.1 Ice barrier.

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

23. Section R905.8.3.1 Ice barrier, is hereby amended to read as follows:

R905.8.3. Ice barrier.

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

24. Section R905.16.3.1 Ice barrier, is hereby amended to read as follows:

R905.16.3.1 Ice barrier.

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

25. Section R905.17.3.1 Ice barrier, is hereby amended to read as follows:

R905.17.3.1 Ice barrier.

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

26. Section R908.3.1.1 Roof recover not allowed, is hereby amended to read as follows:

R908.3.1.1 Roof recover not allowed.

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 G2417.4.1(406.4.1) Test pressure, is hereby amended as follows:

G2417.4.1(406.4.1) Test pressure.

1 The test pressure to be used shall be not less than 1 1/2 times the proposed maximum
2 working pressure, but not less than 10 psig (20 kPa gauge), irrespective of design pressure.
3 Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed
4 a value that produces a hoop stress in the piping greater than 50 percent of the specified
5 minimum yield strength of the pipe.
6

7 28. Section G2417.4.2(406.4.2) Test duration, is hereby amended to read as follows:
8

9 G2417.4.2(406.4.2) Test duration.

10 The test duration shall not be less than 15 minutes.
11

12 29. Section P2603.5.1 Sewer depth, is hereby amended to read as follows:
13

14 P2603.5.1 Sewer depth.

15 Building sewer that connect to private sewage disposal systems shall be installed not less
16 than thirty-six (36) inches (914 mm) below finished grade at the point of septic tank
17 connection. Building sewers shall be installed not less than thirty-six (36) inches (914 mm)
18 below grade.
19

20 30. Section P2904.1.1 Required sprinkler locations, is hereby amended to read as follows:
21

22 P2904.1.1 Required sprinkler locations.

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

27 Exceptions:

28 1. Attics, crawl spaces and normally unoccupied concealed spaces that do not
29 contain fuel-fired appliances do not require sprinklers. In attics, crawl spaces and
30 normally unoccupied concealed spaces that contain fuel-fired equipment, a
31 sprinkler shall be installed above the equipment; however, sprinklers shall not be
32 required in the remainder of the space.

33 2. Clothes closets, linen closets and pantries not exceeding 24 square feet (2.2 m²)
34 in area, with the smallest dimension not greater than 3 feet (915 mm) and having
35 wall and ceiling surfaces of gypsum board.

36 3. Bathrooms not more than 55 square feet (5.1 m²) in area.

37 4. Garages; carports; exterior porches; unheated entry areas, such as mud rooms,
38 that are adjacent to an exterior door; and similar areas.
39

40 31. Section P3103.1.1 Roof extension is hereby amended to read as follows:
41

42 P3103.1.1 Roof extension.

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

3
4 32. Appendix AC – Exit Terminals of Mechanical Draft and Direct-vent Venting systems
5 is adopted without amendments.

6
7 33. Appendix AQ Tiny Houses is adopted without amendments.

8
9 **Section 4.** Title 4, Chapter 1, Section 5, Subsection (D) of the City of Littleton Municipal
10 code is hereby repealed and reenacted to read as follows:

11
12 **4-1-5(D): Amendments to the 2021 International Mechanical Code:**

13 The 2021 International Mechanical Code is hereby adopted by reference and amended as follows:

14
15 1. Section [A]101.1 Title, is hereby amended to read as follows:

16
17 [A]101.1 Title.

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

20
21 2. Section [A]103.1 Creation of agency, is hereby amended as follows:

22
23 Section [A]103.1 Creation of agency.

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

27 3. Section [A]106.1.1 Annual permit, is hereby deleted in its entirety.

28
29 4. Section [A]106.1.2 Annual permit records, is hereby deleted in its entirety.

30
31 5. Section [A]106.2 Permits not required, is hereby amended to read as follows:

32
33 [A]106.2 Permits not required.

34 Permits shall not be required for the following:

35 1. Portable heating appliances.

36 2. Portable ventilation appliances and equipment.

37 3. Portable cooling units.

38 4. Steam, hot water or chilled water piping within any heating or cooling appliances
39 regulated by this code.

40 5. The replacement of any minor part that does not alter the approval of equipment or an
41 appliance or make such equipment or appliance unsafe.

42 6. Portable evaporative coolers.

1 7. Self-contained refrigeration systems that contain 10 pounds (4.5 kg) or less of
2 refrigerant, or that are actuated by motors of 1 horsepower (0.75 kW) or less.

3 8. Portable fuel cell appliances that are not connected to a fixed piping system and are not
4 interconnected to a power grid. Exemption from the permit requirements of this code shall
5 not be deemed to grant authorization for work to be done in violation of the provisions of
6 this code or other laws or ordinances of this jurisdiction.

7
8 6. Section [A]106.5.3 Expiration, is hereby amended to read as follows:
9

10 [A]106.5.3 Expiration.

11 Every permit issued shall become invalid unless the work on the site authorized by such
12 permit is commenced within 180 days after its issuance, or if the work authorized on the
13 site by such permit is suspended or abandoned for a period of 180 days, and shall expire
14 365 days after issuance, regardless of activity, unless an extension of the permit is granted
15 by the Building Official. The building official is authorized to grant, in writing, one or
16 more extensions of time, for periods not more than 180 days each. The extension shall be
17 requested in writing and justifiable cause demonstrated.
18

19 7. Section [A]108.2.6 Preliminary inspection, is hereby added to read as follows:
20

21 [A]108.2.6 Preliminary inspection.

22 Before a permit is issued, the code official is authorized to inspect and evaluate the systems,
23 equipment, buildings, devices, premises and spaces or areas to be used.
24

25 8. Section [A]109.3 Permit valuations, is hereby amended to read as follows:
26

27 [A]109.3 Permit valuations.

28 The applicant for a permit shall provide an estimated permit value at time of application.
29 Permit valuations shall reflect the total value of all work, including materials and labor, for
30 which the permit is being issued, such as mechanical equipment, permanent systems and
31 all finish work. If, in the opinion of the code official, the valuation is underestimated on
32 the application, the permit shall be denied unless the applicant can show detailed estimates
33 to meet the approval of the code official. Final building permit valuation shall be set by the
34 code official.
35

36 9. Section [A]114.1 Membership of board, is hereby deleted in its entirety.
37

38 10. Section [A]115.4 Violation penalties, is hereby amended to read as follows:
39

40 [A]115.4 Violation penalties. Persons who shall violate a provision of this code or shall
41 fail to comply with any of the requirements thereof or who shall erect, install, alter or repair
42 mechanical work in violation of the approved construction documents or directive of the

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

5 11. Appendix A Chimney Connector Pass-through is adopted without amendments.
6

7 **Section 5.** Title 4, Chapter 1, Section 5, Subsection (E) of the City of Littleton Municipal
8 code is hereby repealed and reenacted to read as follows:
9

10 **4-1-5(E): Amendments to the 2021 International Plumbing Code:**

11 The 2021 International Plumbing Code is hereby adopted by reference and amended as follows:
12

13 1. Section [A]101.1 Title, is hereby amended to read as follows:
14

15 [A]101.1 Title.

16 These provisions shall be known as the Plumbing Code of City of Littleton, Colorado, and
17 shall be cited as such and will be referred to herein as “this code.”
18

19 2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:
20

21 [A]103.1 Creation of agency.

22 The City of Littleton Building Division is hereby deemed the agency in charge of
23 enforcement of this code and the official in charge thereof shall be known as the code
24 official. The function of the agency shall be the implementation, administration and
25 enforcement of the provisions of this code.
26

27 3. Section [A]106.1 Annual permit, is hereby deleted in its entirety.
28

29 4. Section [A]106.1.2 Annual permit records, is hereby deleted in its entirety.
30

31 5. Section [A]106.5.3 Expiration, is hereby amended to read as follows:
32

33 [A] 106.5.3 Expiration.

34 Every permit issued shall become invalid unless the work on the site authorized by such
35 permit is commenced within 180 days after its issuance, or if the work authorized on the
36 site by such permit is suspended or abandoned for a period of 180 days, and shall expire
37 365 days after issuance, regardless of activity, unless an extension of the permit is granted
38 by the Building Official. The building official is authorized to grant, in writing, one or
39 more extensions of time, for periods not more than 180 days each. The extension shall be
40 requested in writing and justifiable cause demonstrated
41

42 6. Section [A]106.5.4 Extensions, is hereby deleted in its entirety.

1
2 7. Section [A]108.2.1.1 Preliminary inspection, is hereby added as follows:

3
4 [A] 108.2.1.1 Preliminary inspection.

5 Before a permit is issued, the code official is authorized to inspect and evaluate the systems,
6 equipment, buildings, devices, premises and spaces or areas to be used.

7
8 8. Section [A]114.1 Membership of board, is hereby deleted in its entirety.

9
10 9. Section [A]115.4 Violation penalties, is hereby amended to read as follows:

11 [A]115.4 Violation penalties. Persons who shall violate a provision of this code or shall
12 fail to comply with any of the requirements thereof or who shall erect, install, alter or repair
13 mechanical work in violation of the approved construction documents or directive of the
14 code official, or of a permit or certificate issued under the provisions of this code, shall
15 subject to penalties as established in City of Littleton Municipal Code Title I, Chapter 4,
16 Section 1-4-1 GENERAL PENALTIES.

17
18
19 10. Section 305.4.1 Sewer depth is hereby amended to read as follows:

20
21 305.4.1 Sewer depth.

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

26
27 11. Section 903.1.1 Roof extension unprotected, is hereby amended to read as follows:

28
29 903.1.1 Roof extension unprotected. Open vent pipes that extend through a roof shall be
30 terminated not less than twelve (12) inches (304 mm) above the roof.

31
32 **Section 5.** Title 4, Chapter 1, Section 5, Subsection (F) of the City of Littleton Municipal
33 code is hereby repealed and reenacted to read as follows:

34
35 **4-1-5(F): Amendments to the 2021 International Fuel Gas Code:**

36 The 2021 International Fuel Gas Code is hereby adopted by reference and amended as follows:

37
38 1. Section [A]101.1 Title, is hereby amended to read as follows:

39 [A]101.1 Title.

40 These provisions shall be known as the Fuel Gas Code of City of Littleton, Colorado, and
41 shall be cited as such and will be referred to herein as “this code.”
42

1
2 2. Section [A]103.1 Creation of agency, is hereby amended to read as follows:

3
4 [A]103.1 Creation of agency.

5 The City of Littleton Building Division is hereby deemed the agency in charge of
6 enforcement of this code and the official in charge thereof shall be known as the code
7 official. The function of the agency shall be the implementation, administration and
8 enforcement of the provisions of this code.
9

10 3. Section [A]106.1.1 Annual permit, is hereby deleted in its entirety.

11
12 4. Section [A]106.1.2 Annual permit records, is hereby deleted in its entirety.

13
14 5. Section [A]106.5.3 Expiration, is hereby amended to read as follows:

15
16 [A] 106.5.3 Expiration.

17 Every permit issued shall become invalid unless the work on the site authorized by such
18 permit is commenced within 180 days after its issuance, or if the work authorized on the
19 site by such permit is suspended or abandoned for a period of 180 days, and shall expire
20 365 days after issuance, regardless of activity, unless an extension of the permit is granted
21 by the Building Official. The building official is authorized to grant, in writing, one or
22 more extensions of time, for periods not more than 180 days each. The extension shall be
23 requested in writing and justifiable cause demonstrated.
24

25 6. Section [A]106.5.4 Extensions, is hereby deleted in its entirety.

26
27 7. Section [A]109.3 Permit valuations, is hereby amended to read as follows:

28
29 [A]109.3 Permit valuations.

30 The applicant for a permit shall provide an estimated permit value at time of application.
31 Permit valuations shall reflect the total value of all work, including materials and labor, for
32 which the permit is being issued, such as plumbing equipment, permanent systems and all
33 related finish work. If, in the opinion of the code official, the valuation is underestimated
34 on the application, the permit shall be denied, unless the applicant can show detailed
35 estimates to meet the approval of the code official. Final building permit valuation shall be
36 set by the code official.
37

38 8. Section [A]112.2.1.1 Preliminary inspection, is hereby added as follows:

39
40 [A] 112.2.1.1 Preliminary inspection.

41 Before a permit is issued, the code official is authorized to inspect and evaluate the systems,
42 equipment, buildings, devices, premises and spaces or areas to be used.

1
2 9. Section [A]114.1 Membership of board, is hereby deleted in its entirety.

3
4 10. Section [A]115.4 Violation penalties, is hereby amended to read as follows:

5
6 [A]115.4 Violation penalties.

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

13
14 11. Section 406.4.1 Test pressure, is hereby amended to read as follows:

15
16 406.4.1 Test pressure.

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

22
23 12. Section 406.4.2 Test duration, is hereby amended to read as follows:

24
25 406.4.2 Test duration.

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

30
31 13. Appendix C (IFGS) Exit Terminals of Mechanical Draft and Direct-Vent Venting
32 Systems is adopted without amendments.

33
34
35 **Section 5.** Title 4, Chapter 1, Section 5, Subsection (G) of the City of Littleton Municipal
36 code is hereby repealed and reenacted to read as follows:

37
38 **4-1-5(G): Amendments to the 2021 International Energy Conservation Code:**

39 The 2021 International Energy Conservation Code is hereby adopted by reference and amended
40 as follows:

41
42 1. Section C101.1 Title, is hereby amended to read as follows:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

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 C105.7 Preliminary inspection, is added to read as follows:

C105.7 Preliminary inspection. Before a permit is issued, the code official is authorized to inspect and evaluate the systems, equipment, buildings, devices, premises and spaces or areas to be used.

Section 6. Title 4, Chapter 1, Section 5, Subsection (H) of the City of Littleton Municipal code is hereby repealed and reenacted to read as follows:

4-1-5(H): Amendments to the 2021 International Property Maintenance Code:

The 2021 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]108.1 Membership of board, is hereby deleted in its entirety.

4. 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

1 penalties provided for occupying the premises, operating the equipment or
2 removing the placard. Such notice shall be posted in a conspicuous place in or about
3 the structure affected by such notice. If the notice pertains to equipment, it shall be
4 placed on the condemned equipment.
5

- 6 5. Section 302.4 Weeds, is hereby amended to read as follows:
7

8 302.4 Weeds.

9 Premises and exterior property shall be maintained free from weeds or plant growth
10 in excess of eight (8) inches. Noxious weeds shall be prohibited. Weeds shall be
11 defined as both “weeds” and “noxious vegetation” as defined in Section 7-4-2 of
12 Title 10, Unified Land Use Code, of the City of Littleton Municipal Code. Upon
13 failure of the owner or agent having charge of a property to cut and destroy weeds
14 after service of a notice of violation, they shall be subject to prosecution in
15 accordance with Section 109.3 and as prescribed by the authority having
16 jurisdiction. Upon failure to comply with the notice of violation, any duly
17 authorized employee of the jurisdiction or contractor hired by the jurisdiction shall
18 be authorized to enter upon the property in violation and cut and destroy the weeds
19 growing thereon, and the costs of such removal shall be paid by the owner or agent
20 responsible for the property.
21

- 22 6. Section 304.14 Insect screens, is hereby amended to read as follows:
23

24 304.14 Insect screens.

25 Every door, window and other outside opening required for ventilation of habitable
26 rooms, food preparation areas, food service areas or any areas where products to be
27 included or utilized in food for human consumption are processed, manufactured,
28 packaged or stored shall be supplied with approved tightly fitting screens of
29 minimum 16 mesh per inch (16 mesh per 25 mm), and every screen door used for
30 insect control shall have a self-closing device in good working condition.
31 Exception: Screens shall not be required where other approved means, such as air
32 curtains or insect repellent fans, are employed.
33

- 34 7. Section 307.1 General, is hereby amended to read as follows:
35

36 307.1 General. Every exterior and interior flight of stairs having more than four
37 risers shall have a handrail on one side of the stair and every open portion of a stair,
38 landing, balcony, porch, deck, ramp or other walking surface that is more than 30
39 inches (762 mm) above the floor or grade below shall have guards. Handrails shall
40 be not less than 34 inches (762 mm) in height or more than 38 inches (1067 mm)
41 in height measured vertically above the nosing of the tread or above the finished
42 floor of the landing or walking surfaces. Guards shall be not less than 36 inches

1 (762 mm) in height above the floor of the landing, balcony, porch, deck, or ramp
2 or other walking surface. Exception: Guards shall not be required where exempted
3 by the adopted building code.
4

- 5 8. Section 602.3 Heat supply, is hereby amended to read as follows:
6

7 602.3 Heat supply.

8 Every owner and operator of any building who rents, leases or lets one or more
9 dwelling units or sleeping units on terms, either expressed or implied, to furnish
10 heat to the occupants thereof shall supply heat to maintain a minimum temperature
11 of 68°F (20°C) in all habitable rooms, bathrooms and toilet rooms.
12

13 Exceptions:

14 1. When the outdoor temperature is below the winter outdoor design
15 temperature for the locality, maintenance of the minimum room temperature
16 shall not be required provided that the heating system is operating at its full
17 design capacity. The winter outdoor design temperature for the locality shall
18 be as indicated in Appendix D of the International Plumbing Code.

19 2. In areas where the average monthly temperature is above 30°F (-1°C), a
20 minimum temperature of 65°F (18°C) shall be maintained.
21

- 22 9. Section [BE]702.1 General, is hereby amended to read as follows:
23

24 Section 702.1 General.

25 A safe, continuous, and unobstructed path of travel shall be provided from any point
26 in a building or structure to the public way. Means of egress shall comply with the
27 International Fire Code, International Building Code or the International
28 Residential Code based on applicable scoping.
29

- 30 10. Section [BE]702.2 Aisles, is hereby amended to read as follows:
31

32 [BE] 702.2 Aisles.

33 The required width of aisles in accordance with the International Fire Code,
34 International Building Code or the International Residential Code based applicable
35 scoping shall be unobstructed.
36

37 **Section 7. Title 4, Chapter 1, Section 5, Subsection (I) of the City of Littleton**
38 **Municipal code is hereby repealed and reenacted to read as follows:**
39

40 **4-1-5(I): Amendments to the 2021 International Existing Building Code:**

41 The 2021 International Existing Building Code is hereby adopted by reference and amended as
42 follows:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

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]105.1.1 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.

1 2. Radio and television transmitting stations: The provisions of this code shall not apply to
2 electrical equipment used for radio and television transmissions, but do apply to equipment
3 and wiring for power supply, the installations of towers and antennas.

4 3. Temporary testing systems: A permit shall not be required for the installation of any
5 temporary system required for the testing or servicing of electrical equipment or apparatus.
6

7 Gas:

8 1. Portable heating appliance.

9 2. Replacement of any minor part that does not alter approval of equipment or make such
10 equipment unsafe.

11 Mechanical:

12 1. Portable heating appliance.

13 2. Portable ventilation equipment.

14 3. Portable cooling unit.

15 4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by
16 this code.

17 5. Replacement of any part that does not alter its approval or make it unsafe.

18 6. Portable evaporative cooler.

19 7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant
20 and actuated by motors of 1 horsepower (746 W) or less.
21

22 Plumbing:

23 1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that
24 if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it
25 becomes necessary to remove and replace the same with new material, such work shall be
26 considered as new work, and a permit shall be obtained and inspection made as provided
27 in this code.
28

29 2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the
30 removal and reinstallation of water closets, provided that such repairs do not involve or
31 require the replacement or rearrangement of valves, pipes or fixtures.
32

33 5. Section [A]105.5 Expiration, is hereby amended to read as follows:
34

35 [A]105.5. Expiration.

36 Every permit issued shall expire 365 days after the date of issuance and shall become
37 invalid unless the work on the site authorized by such permit is commenced within 180
38 days after its issuance unless an extension of the permit is granted by the code official. The
39 code official is authorized to grant, in writing, one or more extensions of time, for periods
40 not more than 180 days each. The extension shall be requested in writing and justifiable
41 cause demonstrated.
42

1 6. Section [A]108.3 Permit valuations, is hereby amended to read as follows:

2
3 [A]108.3 Permit valuations.

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

11
12 7. Section [A]109.3.12 Preliminary inspection, is added to read as follows:

13
14 [A]109.3.12 Preliminary inspection.

15 Before a permit is issued, the code official is authorized to inspect and evaluate the systems,
16 equipment, buildings, devices, premises and spaces or areas to be used.

17
18 8. Section 702.5 Replacement window for emergency escape and rescue openings, is
19 hereby amended to read as follows:

20
21 702.5 Replacement window for emergency escape and rescue openings.

22 Where windows are required to provide emergency escape and rescue openings in Group
23 R-2 and R-3 occupancies and one- and two-family dwellings and townhouses regulated by
24 the International Residential Code, replacement windows shall be exempt from the
25 requirements of Section 1031.3 of the International Building Code and Section R310.2 of
26 the International Residential Code, provided that the replacement window meets the
27 following conditions:

28
29 1. The replacement window is the manufacturer's largest standard size window that will fit
30 within the existing frame or existing rough opening and the net clear opening of the
31 replacement window is not less than the previously existing window.

32 2. Where the replacement window is part of a change of occupancy it shall comply with
33 Section 1011.5.6.

34
35 9. Section [BS]705.2.1.1 Exceptions, is hereby amended to read as follows.

36
37 [BS]705.2.1.1 Exceptions.

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

39
40 1. The existing roof or roof covering is water soaked or has deteriorated to the point that
41 the existing roof or roof covering is not adequate as a base for additional roofing.

42 2. The existing roof covering is slate, clay, cement or asbestos-cement tile.

1 3. The existing roof has two or more applications of any type of roof covering.

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

3
4 10. Section 1001.4 Permit required, is hereby added to read as follows:

5
6 1001.4 Permit required.

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

11
12 11. Appendix B – Supplementary Accessibility Requirements for Existing Buildings
13 and Facilities is adopted without amendments.

14
15 Section 8. Title 5, Chapter 2, Fire Prevention, of the City of Littleton Municipal code is
16 hereby repealed in its entirety and reenacted to read as follows:

17
18 1. 5-2-1: International Fire Code Adopted:

19
20 5-2-1: International Fire Code Adopted:

21 The International Fire Code, 2021 edition, as published by the International Code Council,
22 Inc., 4051 W. Flossmoor Road, Country Club Hills, IL 60478, is hereby adopted in its
23 entirety by reference pursuant to the provisions of section 44 of the Charter of the City,
24 with such amendments, changes, and deletions as are set forth in section 5-2-2 of this
25 chapter. Commencing on or after January 1, 2023, the City within thirty (30) days
26 following adoption of a revised code shall provide notice to any Fire Protection District or
27 fire and rescue authority providing fire services to the City.

28
29 2. 5-2-2: Amendments to Fire Code:

30
31 (A) Section 101.1 of the International Fire Code is amended to read:

32
33 101.1 Title.

34 These regulations shall be known as the Fire Code of the city of Littleton, hereinafter
35 referred to as “this code.”

36
37 (B) Section 101.2.1 of the International Fire Code is amended to read:

38
39 101.2.1 Appendices.

40 The following appendices are hereby adopted as part of this code:

41 Appendix B, Fire-Flow Requirements for Buildings, as amended.

42 Appendix C, Fire Hydrant Locations and Distribution.

1 Appendix D, Fire Apparatus Access Roads, as amended.

2
3 (C) Section 103.1 of the International Fire Code is amended to read:

4
5 103.1 General.

6 The South Metro Fire Rescue Fire Protection District is hereby created as the Fire
7 Marshal's Office within the jurisdiction of the city of Littleton and the official in charge
8 thereof shall be known as the fire code official. The function of the Fire Marshal's Office
9 shall be the implementation, administration and enforcement of the provisions of this code.

10
11 (D) Section 103.2 of the International Fire Code is amended to read:

12
13 103.2 Appointment.

14 The Fire Marshal of the South Metro Fire Rescue Fire Protection District, or a designee, is
15 hereby appointed as the fire code official.

16
17 (E) Section 105.5.38 of the International Fire Code is amended to read:

18
19 105.5.38 Outdoor assembly event.

20 An operational permit is required to conduct an outdoor assembly event where planned
21 attendance exceeds 500 persons.

22
23 (F) Section 105.5.49 of the International Fire Code is amended to read:

24
25 105.5.49 Temporary membrane structures and tents.

26 An operational permit is required to operate a membrane structure, air-inflated membrane
27 structure, air-supported membrane structure, a temporary special event structure, or a tent
28 having an area in excess of 400 square feet (37 m²).

29
30 Exceptions:

31 1. Tents used exclusively for recreational camping purposes.

32 2. Tents open on all sides, which comply with all of the following:

33 2.1 Individual tents having a maximum size of 700 square feet (65m²)

34 2.2 The aggregate area of multiple tents placed side by side without a fire
35 break clearance of not less than 12 feet (3658 mm) shall not exceed 700
36 square feet (65m²) total.

37 2.3 A minimum clearance of 12 feet (3658 mm) to structures and other tents
38 shall be provided.

39
40 (G) Section 105.6 of the International Fire Code is amended to read:

41
42 105.6 Required construction permits.

1 The fire code official is authorized to issue construction permits for work as set forth in
2 Section 105.6.1 through 105.6.25.

3
4 (H) Section 105.6.24 of the International Fire Code is amended to read:

5
6 105.6.24 Temporary membrane structures and tents.

7 A construction permit is required to erect a membrane structure, air-inflated membrane
8 structure, air-supported membrane structure, a temporary special event structure, or a tent
9 having an area in excess of 400 square feet (37 m²).

10
11 Exceptions:

12 1. Tents used exclusively for recreational camping purposes.

13 2. Funeral tents and curtains, or extensions attached thereto, when used for funeral
14 services.

15 3. Tents and awnings open on all sides, which comply with all of the following:

16 3.1 Individual tents shall have a maximum size of 700 square feet (65m²)

17 3.2 The aggregate area of multiple tents placed side by side without a fire
18 break clearance of not less than 12 feet (3658 mm) shall not exceed 700
19 square feet (65m²) total.

20 3.3 A minimum clearance of 12 feet (3658 mm) to structures and other tents
21 shall be maintained.

22
23 (I) Section 105.6.25 of the International Fire Code is amended by the addition of a new
24 section to read:

25
26 105.6.25 Buildings and facilities.

27 Any owner or owner's authorized agent who intends to construct, enlarge, alter, repair,
28 move, demolish or change occupancy of a building, or structure, or facility, or to cause any
29 such work to be performed, shall first make application to the fire code official and obtain
30 the required permit.

31
32 (J) Section 107.3 Permit valuation is deleted in its entirety.

33
34 (K) Section 111.1 of the International Fire Code is amended to read:

35
36 111.1 Board of appeals established.

37 In order to hear and decide appeals of orders, decisions or determinations made by the fire
38 code official relative to the application and interpretation of this code, there shall be created
39 a Regional Fire Code Board of Appeals by the entry of various fire districts into an
40 intergovernmental agreement ("IGA"). The board of appeals shall be appointed through
41 the operation of the IGA. The fire code official shall be an ex officio member of said board
42 but shall have no vote on any matter before the board. The board shall adopt rules of

1 procedure for conducting its business and shall render all decisions and findings in writing
2 to the appellant with a duplicate copy to the fire code official.

3
4 (L) Section 112.4 of the International Fire Code is amended to read:

5
6 Section 112.4 Violation penalties.

7 Any person who violates a provision of this code or fails to comply with any of the
8 requirements thereof or who erects, installs, constructs, alters, repairs or does work in
9 violation of the approved construction documents or directive of the fire code official, or
10 of a permit or certificate issued under the provisions of this code, shall be subject to
11 penalties as prescribed in City of Littleton Municipal Code Title
12 1, Chapter 4, Section 1.

13
14 (M) Section 113.4 of the International Fire Code is amended to read:

15
16 Section 113.4 Failure to comply.

17 Any person who shall continue any work after having been served with a stop work order,
18 except such work as that person is directed to perform to remove a violation or unsafe
19 condition, shall be subject to penalties as prescribed in City of Littleton Municipal Code
20 Title 1 Chapter 4, Section 1.

21
22 (N) Section 503.1 of the International Fire Code is amended to read:

23
24 503.1 Where required.

25 Fire apparatus access roads shall be provided and maintained in
26 accordance with Sections 503.1.1 through 503.1.3 and Appendix D, as amended.

27
28 (O) Section 503.1.1 of the International Fire Code is amended to read:

29
30 503.1.1 Buildings and facilities.

31 Approved fire apparatus access roads shall be provided for every facility, building or
32 portion of a building hereafter constructed or moved into or within the jurisdiction. The
33 fire apparatus access road shall comply with the requirements of this section and shall
34 extend to within 150 feet (45 720mm) of all portions of the facility and all portions of the
35 exterior walls of the first story of the building as measured by an approved route around
36 the exterior of the building or facility.

37
38 Exceptions:

39 1. The fire code official is authorized to increase the dimension of 150 feet (45 720
40 mm) where any of the following conditions occur:

- 1 1.1 The building is equipped throughout with an approved automatic
2 sprinkler system installed in accordance with Section 903.3.1.1 (NFPA
3 13), the dimension shall be unlimited, as approved, provided access
4 roads are extended to within 150 feet (45 720mm) of at least one,
5 approved side of the building or structure. Fire hydrant requirements of
6 Section 507 may necessitate additional roads to serve hydrants near
7 large buildings.
- 8 1.2 The building is equipped throughout with an approved automatic
9 sprinkler system installed in accordance with Section 903.3.1.2 (NFPA
10 13R) or 903.3.1.3 (NFPA 13D), the dimension shall be increased to 200
11 feet (60 960mm).
- 12 1.3 The fire apparatus access roads cannot be installed because of location
13 on property, topography, waterways, nonnegotiable grades or other
14 similar conditions, and an approved alternative means of fire protection
15 is provided.
- 16 1.4 There are not more than two Group R-3 or Group U occupancies.

17
18 2. Where approved by the fire code official, fire apparatus access roads shall be
19 permitted to be exempted or modified for solar photovoltaic power generation
20 facilities.

21
22 (P) Section 503.2 of the International Fire Code is amended to read:

23
24 503.2 Specifications.

25 Fire apparatus access roads shall be installed and arranged in accordance with Sections
26 503.2.1 through 503.2.8 and Appendix D, as amended.

27
28 (Q) Section 503.2.1 of the International Fire Code is amended to read:

29
30 503.2.1 Dimensions.

31 Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096
32 mm), exclusive of shoulders, except for approved security gates in accordance with Section
33 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm)
34 and in accordance with Appendix D, as amended. The greater dimension of required
35 unobstructed width shall prevail.

36
37 (R) Section 503.2.3 of the International Fire Code is amended to read:

38
39 503.2.3 Surface.

40 Fire apparatus access roads shall be designed and maintained to support the imposed loads
41 of fire apparatus weighing up to 80,000 pounds and shall be surfaced so as to provide all-
42 weather driving capabilities with an approved driving surface material.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42

(S) Section 503.2.7 of the International Fire Code is amended to read:

503.2.7 Grade.

The grade of the fire apparatus access road shall be a maximum of 6% or as otherwise determined by the fire code official based on fire district apparatus specifications.

(T) Section 503.3 of the International Fire Code is amended to read:

503.3 Marking.

Where required by the fire code official, approved signs or other approved notices or markings that include the words NO PARKING – FIRE LANE shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. The means by which the fire lanes are designated shall be maintained in a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility. Marking of the fire apparatus access roads shall be in accordance with the fire code official’s specifications and D103.6.

(U) Section 503.4 of the International Fire Code is amended to read:

503.4 Obstruction of fire apparatus access roads.

Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances in Sections 503.2.1, 503.2.2, and Appendix D shall be maintained at all times.

(V) Section 503.6 of the International Fire Code is amended to read:

503.6 Security gates.

The installation of security gates across a fire apparatus access road shall be approved by the fire code official and shall be in accordance with Section D103.5.

(W) Section 505.1 of the international fire code is amended to read:

505.1 Address identification.

New and existing buildings shall have approved address numbers, building numbers, or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of six inches (6") high with a minimum stroke width of 0.5 inches (0.5"). Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure.

1 (X) Section 507.3 is of the International Fire Code is amended to read:

2 507.3 Fire flow.

3 Fire flow requirements for buildings or portions of buildings and facilities shall be
4 determined in accordance with Appendix B, as amended, or by an approved method.

5
6 (Y) Section 507.5 of the International Fire Code is amended to read:

7
8 507.5 Fire hydrant systems.

9 Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6 and Appendix C.

10
11 (Z) Section 510.1 of the International Fire Code is amended to read:

12
13 510.1 Emergency responder communication coverage in new buildings.

14 Approved in-building, two-way emergency responder communication coverage for
15 emergency responders shall be provided within all new buildings. In-building, two-way
16 emergency responder communication coverage within the building shall be based on the
17 existing coverage levels of the public safety communication systems utilized by the
18 jurisdiction, measured at the exterior of the building. This section shall not require
19 improvement of the existing public safety communication systems.

20
21 Exceptions:

22 1. Where approved by the fire code official, a wired communication system in
23 accordance with Section 907.2.13.2 shall be permitted to be installed or maintained
24 instead of an approved radio coverage system.

25 2. Where it is determined by the fire code official that the radio coverage system is
26 not needed.

27 3. In facilities where emergency responder radio coverage is required and such
28 systems, components or equipment required could have a negative impact on the
29 normal operations of that facility, the fire code official shall have the authority to
30 accept an automatically activated emergency responder radio coverage system.

31
32 (AA) Section 903.3 of the International Fire Code is amended to read:

33
34 903.3 Installation requirements.

35 Automatic sprinkler systems shall be designed and installed in accordance with Section
36 903.3.1 through 903.3.9.

37
38 (BB) 903.2.8 of the International Fire Code is amended to read:

39
40 903.2.8 Group R.

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

1 family dwellings, not serving as a care or congregate living facility nor lodging house as
2 defined in Chapter 2.

3
4 (CC) Section 903.3.9 of the International Fire Code is amended by the addition of a new
5 section to read:

6
7 Section 903.3.9 Spare sprinklers.

8 Spare sprinklers shall be provided per NFPA 13, NFPA 13R, NFPA 13D and in accordance
9 with the fire code official's supplemental documents outlining specific provisions for
10 multiple buildings under the same ownership.

11
12 (DD) Subsection 1 of Section 905.4 of the International Fire Code is amended to read:

13
14 1. In every required interior exit stairway, a hose connection shall be provided for
15 each story above and below grade plane. Hose connections shall be located at the
16 main floor landing unless otherwise approved by the fire code official.

17
18 (EE) Exception 3 of Section 1103.7.6 of the International Fire Code is amended to read:

19
20 3. A fire alarm system is not required in buildings that do not have interior
21 corridors serving dwelling units, provided that dwelling units either have a
22 means of egress door opening directly to an exterior exit access that leads
23 directly to the exits or are served by open-ended corridors designed in
24 accordance with Section 1027.6, Exception 3.2 to 3.5.

25
26 (FF) Section 5601.1.3 of the International Fire Code is amended to read:

27
28 5601.1.3 Fireworks.

29 The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

30
31 Exceptions:

32 1. The use of fireworks for display as allowed in Section 5608.

33 2. The possession, storage, sale, handling and use of permissible fireworks as
34 defined by Colorado Revised Statutes Section 24-33.5-2001,

35
36 (GG) Section 5704.2.9.6.1 of the International Fire Code is deleted in its entirety.

37
38 (HH) Section 5706.2.4.4 of the International Fire Code is deleted in its entirety.

39
40 (II) Section 5806.2 of the International Fire Code is deleted in its entirety.

41
42 (JJ) Section 6104.2 of the International Fire Code is deleted in its entirety.

1
2 (KK) Section B105.1 of the International Fire Code is amended to read:

3
4 B105.1 One- and two-family dwellings, Group R-3 and R-4 buildings.

5 The minimum fire-flow and flow duration requirements for one- and two-family dwellings,
6 Group R-3 and R-4 buildings having a fire flow calculation area that does not exceed 3,600
7 square feet (344.5 m²) shall be 1,000 gallons per minute (3785 L/min) for 1 hour. Fire-
8 flow and flow duration for one- and two-family dwellings, Group R-3 and R-4 buildings
9 having a fire-flow calculation area in excess of 3,600 square feet (344.5 m²) shall not be
10 less than that specified in Table B105.1.

11
12 Exception: A reduction in required fire-flow of 25 percent, as approved, is allowed
13 when the building is equipped with an approved automatic fire sprinkler system.

14
15 (LL) Section B105.2 of the International Fire Code is amended to read:

16
17 B105.2 Buildings other than one- and two-family dwellings, Group R-3 and R-4 buildings.

18 The minimum fireflow and flow duration for buildings other than one- and two-family
19 dwelling, Group R-3 and R-4 buildings shall be as specified in Table B105.1.

20
21 Exception: A reduction in required fire-flow of 50 percent, as approved, is allowed
22 when the building is equipped with an approved automatic fire sprinkler system
23 installed in accordance with Section 903.3.1.1. A reduction in required fire-flow of
24 25 percent, as approved, is allowed when the building is equipped with an approved
25 automatic fire sprinkler system installed in accordance with Section 903.3.1.2. The
26 resulting fire-flow shall not be less than 1,500 gallons per minute (5678 L/min) for
27 the prescribed duration in Table B105.1.

28
29 (MM) Section B105.3 of the International Fire Code is deleted in its entirety.

30
31 (NN) Table B105.1(1) of the International Fire Code is deleted in its entirety.

32
33 (OO) Table B105.2 of the International Fire Code is deleted in its entirety.

34
35 (PP) Table B105.1(2) title only of the International Fire Code is amended to read:

36
37 Table B105.1: MINIMUM REQUIRED FIRE-FLOW AND FLOW DURATION FOR
38 BUILDINGS.

39
40 (QQ) Section D102.1 of the International Fire Code is amended to read:

41
42 D102.1 Access and loading.

1 Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire
2 department apparatus by way of an approved fire apparatus access road with an asphalt,
3 concrete or other approved driving surface capable of supporting the imposed load of fire
4 apparatus weighing up to 80,000 pounds (34 050 kg).

5
6 (RR) Section D103.1 of the International Fire Code is deleted in its entirety.

7
8 (SS) Section D103.2 of the International Fire Code is amended to read:

9
10 D103.2 Grade.

11 The grade of the fire apparatus access road shall be a maximum of 6% or as otherwise
12 determined by the fire code official based on fire district apparatus specifications.

13
14 (TT) Section D103.4 of the International Fire Code is amended to read:

15
16 D103.4 Dead ends.

17 Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided
18 with width and turnaround provisions in accordance with Table D103.4 and the city of
19 Littleton roadway design standards. Whereas the provisions are in conflict, the provisions
20 of the city of Littleton adopted roadway design standards shall prevail.

21
22 (UU) Section D103.6 of the International Fire Code is amended to read:

23
24 D103.6 Signs and widths.

25 Where required by the fire code official, fire apparatus access roads shall be marked with
26 permanent “NO PARKING – FIRE LANE” signs in accordance with the widths specified
27 within the fire code official’s specifications.

28
29 (VV) Section D104.1 of the International Fire Code is amended to read:

30
31 D104.1 Buildings exceeding three stories or 30 feet in height.

32 Buildings or facilities where the vertical distance between the grade plane and the highest
33 roof surface exceeds 30 feet (9144 mm) or three stories in height shall have not fewer than
34 two means of fire apparatus access for each structure. For purposes of this section, the
35 highest roof surface shall be determined by measurement to the eave of a pitched roof, the
36 intersection of the roof to the exterior wall, or the top of parapet walls, whichever is greater.

37
38 (WW) Section D105.1 of the International Fire Code is amended to read:

39
40 D105.1 Where required.

41 Where the vertical distance between the grade plane and the highest roof surface exceeds
42 30 feet (9144 mm), approved aerial fire apparatus access roads shall be provided. For

1 purposes of this section, the highest roof surface shall be determined by measurement to
2 the eave of a pitched roof, the intersection of the roof to the exterior wall, or the top of
3 parapet walls, whichever is greater.
4

5 Exception: Where approved by the fire code official, buildings of Type IA,
6 Type IB construction equipped throughout with an automatic sprinkler
7 system in accordance with Section 903.3.1.1, meets the definition of a high-
8 rise building as defined by the International Building Code, and having
9 firefighter access through an enclosed stairway with a Class I standpipe
10 system from the lowest level of fire department vehicle access to all roof
11 surfaces.
12

13 (XX) Section D106.1 of the International Fire Code is amended to read:

14 D106.1 Projects having more than 100 dwelling units.

15 Multiple-family residential projects having more than 100 dwelling units shall be equipped
16 throughout with two separate and approved fire apparatus access roads.
17

18 3. 5-2-3: Violations, Penalty, is amended to read as follows:
19

20 5-2-3 Violations, Penalty.

21 Whenever by the provisions of this chapter or the International Fire Code the performance
22 of any act is required or the performance of any act is prohibited, or if any person shall be
23 in violation of any detailed statement of specifications or plans submitted and approved
24 under the provisions of the International Fire Code adopted by this chapter, or any
25 certificate or permit issued thereunder, and from which no appeal has been taken, or if any
26 person shall fail to comply with an order affirmed or modified by the City Council, or by
27 the Fire Chief or the Fire Department serving the City or by a court of competent
28 jurisdiction, within the time fixed herein, then such failure to comply with the provisions
29 of this chapter, or the International Fire Code or any order issued pursuant thereto, shall
30 severally for each and every act of noncompliance constitute a criminal violation. The
31 imposition of one penalty for any violation shall not excuse the violation or permit it to
32 continue; and each day that prohibited conditions are maintained shall constitute a separate
33 and distinct offense, punishable by section 1-4-1 of this Code.
34

35 4. 5-2-4: Appeals, is hereby amended to read as follows:
36

37 5.2.4 Appeals

38 (A) Whenever the Fire Chief or the duly appointed and acting personnel of the Fire
39 Department serving the City shall disapprove an application or refuse to grant a permit
40 applied for, or when it is claimed that the provisions of the International Fire Code adopted
41 by this chapter have been misconstrued or wrongly interpreted, the applicant may appeal
42 the decision of the Fire Chief or their designee to the designated Board of Appeals of the

1 Fire District serving the City making the decision as provided by the International Fire
2 Code. The procedures of the International Fire Code adopted by the entity making the
3 decision shall govern the processing of the appeal.
4

5 5. 5-2-5: Copies on file is hereby amended to read as follows:
6

7 5-2-5 Copies on file.

8 A minimum of one copy of the International Fire Code as adopted by the Council is on file
9 in the City Clerk's Office, and is available for public inspection.
10

11
12 **Section 8:** Severability. If any part, section, subsection, sentence, clause or
13 phrase of this ordinance is for any reason held to be invalid, such invalidity shall not affect the
14 validity of the remaining sections of this ordinance. The City Council hereby declares that it would
15 have passed this ordinance, including each part, section, subsection, sentence, clause or phrase
16 hereof, irrespective of the fact that one or more parts, sections, subsections, sentences, clauses or
17 phrases may be declared invalid.
18

19 **Section 9:** Effective Date. The effective date for these codes shall be
20 December 1st, 2022. For those with already filed or pending building permit applications the
21 applicant shall have the right to proceed under the previously adopted codes until January 1, 2023.
22

23 **Section 10:** Repealer. All ordinances or resolutions, or parts thereof, in conflict
24 with this ordinance are hereby repealed, provided that this repealer shall not repeal the repealer
25 clauses of such ordinance nor revive any ordinance thereby.
26

27
28 INTRODUCED AS A BILL at a regularly scheduled meeting of the City Council
29 of the City of Littleton on the 18th day of October, 2022, passed on first reading by a vote of 5
30 FOR and 0 AGAINST; and ordered published by posting at Littleton Center, Bemis Library,
31 the Municipal Courthouse and on the City of Littleton Website.

32 PUBLIC HEARING on the Ordinance to take place on the 15th day of November,
33 2022, in the Council Chambers, Littleton Center, 2255 West Berry Avenue, Littleton, Colorado,
34 at the hour of 6:30 p.m., or as soon thereafter as it may be heard.
35

36 PASSED on second and final reading, following public hearing, by a vote of _____ FOR
37 and _____ AGAINST on the 15th day of November, 2022 and ordered published by posting at
38 Littleton Center, Bemis Library, the Municipal Courthouse and on the City of Littleton Website.

39

40 ATTEST:

41 _____
42 Colleen L. Norton
43 CITY CLERK

Kyle Schlachter
MAYOR

44 _____
45 _____
46 Reid Betzing
47 CITY ATTORNEY

