

- 1 (9) Section 307.4.2 Exception: Any recreational fire must be in a fire resistant container and must
2 not be used to burn household waste, yard debris, leaves, or processed lumber. Recreational
3 containers shall be contained in a metal or non-combustible container and shall not be greater
4 than 60 inches by 60 inches in width of length and shall not have sides less than 15 inches in
5 height. The burning fuel (wood) shall not be stacked above the edge of the container sides. The
6 overall flame shall not be over 4 feet in height from the ground or pit surface and shall be
7 constantly attended.
- 8 (10) Section 308.1.4. ;hg;Exception 2 is repealed in its entirety. Exception 3 is repealed in its entirety.
- 9 (11) Section 506.1. The last sentence is repealed in its entirety, and is replaced with the following:
10 The key box shall be a Knox-Box® and shall contain keys to gain necessary access as required
11 by the fire code official. A key box is required in all commercial occupancies that have an alarm
12 system, sprinkler system, standpipe system, any type of fire suppression system, any
13 commercial building over 5,000 square feet or any commercial structure over 1,000 square feet
14 that has two or more businesses or suites, any commercial business with an extraordinary
15 hazard, and for any gated community or apartment complex.
- 16 (12) Section 506.1.1. Amended to read: Locks. An approved Knox® Padlock shall be installed on
17 gates or similar barriers when required by the fire code official.
- 18 (13) Section 507.5.1. Amended to read: Where required. Where a portion of the facility or building
19 hereafter constructed or moved into or within the jurisdiction is more than 300 feet for
20 commercial or multifamily, or more than 500 feet for one- or two-family residential, from a
21 hydrant on a fire apparatus access road, as measured by an approved route around the exterior
22 of the facility or building, on-site fire hydrants and mains shall be provided where required by
23 the fire code official.
- 24 (14) Section 507.5.1. ;hg; Exception 1 is repealed in its entirety. Exception 2 is repealed in its entirety.
- 25 (15) Section 507.5.1.1. Amended to read: Hydrant for any fire department connections system.
26 Buildings equipped with any fire department connections system installed in accordance with
27 Section 903 and Section 905 shall have a fire hydrant within 100 feet of the fire department
28 connections.
29 Exception: The distance shall be permitted to exceed 100 feet where approved by the fire code
30 official.
- 31 (16) Section 509.1. A sentence is added at the end of the section to read: Access to fire protection
32 equipment shall be within 15 feet of an exterior door, or there must be wall mounted post
33 indicator valves accessible from the exterior of the structure.
- 34 (17) Section 510.1. Amended to read: Emergency responder radio coverage in new buildings. Within
35 twelve months from occupancy permission, all new buildings shall have approved radio
36 coverage for emergency responders within the building based upon the existing coverage levels
37 of the public safety communication systems of the jurisdiction at the exterior of the building. This
38 section shall not require improvement of the existing public safety communication systems.
- 39 (18) Section 903.2.1.1. Amended to read: Group A-1. An automatic sprinkler system shall be
40 provided for Group A-1 occupancies where one of the following conditions exists:
- 41 1. The fire area exceeds 5,000 square feet.
42 2. The fire area has an occupant load of 300 or more.
43 3. The fire area is located on a floor other than a level of exit discharge serving such
44 occupancies.
45 4. The fire area contains a multitheater complex.
- 46 (19) Section 903.2.1.3. Amended to read: Group A-3. An automatic sprinkler system shall be
47 provided for Group A-3 occupancies where one of the following conditions exists:
- 48 1. The fire area exceeds 5,000 square feet.

- 1 2. The fire area has an occupant load of 300 or more.
- 2 3. The fire area is located on a floor other than a level of exit discharge serving such
- 3 occupancies.
- 4 (20)Section 903.2.1.4. Amended to read: Group A-4. An automatic sprinkler system shall be provided
- 5 for Group A-4 occupancies where one of the following conditions exists:
- 6 1. The fire area exceeds 5,000 square feet.
- 7 2. The fire area has an occupant load of 300 or more.
- 8 3. The fire area is located on a floor other than a level of exit discharge serving such
- 9 occupancies.
- 10 (21)Section 903.2.3. Amended to read: Group E. An automatic sprinkler system shall be provided for
- 11 Group E occupancies as follows:
- 12 1. Throughout all Group E fire areas greater than 7,500 square feet in area.
- 13 2. Throughout every portion of educational buildings below the lowest level of exit discharge
- 14 serving that portion of the building.
- 15 Exception: An automatic sprinkler system is not required in any area below the lowest
- 16 level of exit discharge serving that area where every classroom throughout the building
- 17 has at least one exterior exit door at ground level.
- 18 (22) Section 903.2.4. Amended to read: Group F-1. An automatic sprinkler system shall be provided
- 19 throughout all buildings containing a Group F-1 occupancy where one of the following conditions
- 20 exists:
- 21 1. A Group F-1 fire area exceeds 5,000 square feet.
- 22 2. A Group F-1 fire area is located on any floor.
- 23 3. The combined area of all Group F-1 fire areas on all floors, including any mezzanines,
- 24 exceeds 10,000 square feet.
- 25 4. A Group F-1 occupancy used for the manufacture of upholstered furniture or mattresses
- 26 exceeds 2,500 square feet.
- 27 (23) Section 903.2.7. Amended to read: Group M. An automatic sprinkler system shall be provided
- 28 throughout buildings containing a Group M occupancy where one of the following conditions
- 29 exists:
- 30 1. A Group M fire area exceeds 10,000 square feet.
- 31 2. A Group M fire area is located above or below grade plane.
- 32 3. The combined area of all Group M fire areas on all floors, including any mezzanines,
- 33 exceeds 20,000 square feet.
- 34 4. A Group M occupancy used for the display and sale of upholstered furniture or mattresses
- 35 exceeds 5,000 square feet.
- 36 (24) Section 903.2.8. A subsection 903.2.8.5 shall be added at the end of the section to read:
- 37 Townhouses. An automatic sprinkler system installed in accordance with Section 903.3.1.3 shall
- 38 be permitted in townhouses.
- 39 (25) Section 903.2.9. Amended to read: Group S-1. An automatic sprinkler system shall be provided
- 40 throughout all buildings containing a Group S-1 occupancy where one of the following conditions
- 41 exists:
- 42 1. A Group S-1 fire area exceeds 5,000 square feet.
- 43 2. A Group S-1 fire area is located above or below grade plane.

- 1 3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines,
2 exceeds 20,000 square feet.
- 3 4. A Group S-1 fire area used for the storage of commercial trucks or buses where the fire
4 area exceeds 5,000 square feet.
- 5 5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds
6 2,500 square feet.
- 7 (26) Section 903.2.9.1. Amended to read: Repair garages. An automatic sprinkler system shall be
8 provided throughout all buildings used as repair garages in accordance with Section 406.8 of
9 the International Building Code, as shown:
- 10 1. Buildings having two or more stories above grade plane, including basements, with a fire
11 area containing a repair garage exceeding 5,000 square feet.
- 12 2. Buildings no more than one story above grade plane, with a fire area containing a repair
13 garage exceeding 5,000 square feet.
- 14 3. Buildings with repair garages servicing vehicles parked in basements.
- 15 4. A Group S-1 fire area used for the repair of commercial trucks or buses where the fire area
16 exceeds 5,000 square feet.
- 17 (27) Section 903.2.10. Amended to read: Group S-2 enclosed parking garages. An automatic
18 sprinkler system shall be provided throughout buildings classified as enclosed parking garages
19 in accordance with Section 406.6 of the International Building Code, as follows:
- 20 1. Where the fire area of the enclosed parking garage exceeds 10,000 square feet; or
21 2. Where the enclosed parking garage is located beneath other groups.
- 22 Exception: Enclosed parking garages located beneath Group R-3 occupancies.
- 23 (28) Section 903.2.11.3. is repealed in its entirety and replaced with the following: Buildings three of
24 more stories in height. An automatic sprinkler system shall be installed throughout buildings
25 three or more stories in height.
- 26 Exception: Open parking structures.
- 27 (29) Section 903.2.13. A section shall be added to read: Group B. An automatic sprinkler system
28 shall be provided for Group B occupancies where the fire area exceeds 10,000 square feet. An
29 automatic sprinkler system shall be provided for any newly constructed Group B animal housing
30 and care facility and for any existing Group B animal housing and facility increasing or extending
31 the floor area or height of its existing facility, in accordance with sections 903.3.1.1 and 903.4
32 regardless of the square footage or number of animals housed in the facility.
- 33 (30) Section 905.3.4.1. A sentence is added at the end of the section to read: Such cabinet containing
34 the hose connections shall contain a fire extinguisher in conformity with Section 906 in place of
35 fire hose.
- 36 (31) Section 907.2.2. A new subsection 907.2.2.2 is added to read: Animal housing and care
37 facilities. Existing fire areas containing animal housing or care facilities shall be provided with
38 an electronically supervised automatic smoke detection system. In spaces provided with a
39 source of heat or light but otherwise unconditioned, in lieu of smoke detection, the alarm system
40 may be activated by quick response heat detectors with a response time index of less than 100.
41 Existing animal housing or care facilities shall have two (2) years from April 1, 2023, to comply
42 with this section 907.2.2.
- 43 Exception: Smoke detectors and/or quick response heat detectors are not required where the
44 building is equipped throughout with an automatic sprinkler system installed in accordance with
45 sections 9.03.3 and 903.4 and activation of the automatic sprinkler system activates notification
46 of appliances as required by section 907.2.2.2.1.

- 1 (32) Section 907.2.2. A new subsection 907.2.2.2.1 is added to read: Notification of appliances.
2 Notification of appliances shall provide audible and visual alarm signals in office areas and other
3 areas within the fire area where no animals are housed or cared for. Notification appliances
4 within areas where animals are housed or cared for shall provide only visual alarm signals.
- 5 (33)Section 912.4.1. A sentence is added at the end of the section to read: Where required, Knox FDC
6 plugs or FDC Stortz Caps shall be installed.
- 7 (34) Section 915.1.1. Amended to read: Where required. Carbon monoxide detection shall be
8 provided in Group 1-1, 1-2, 1-4 and R occupancies, in Group B fire areas containing an animal
9 housing or care facility, and in classrooms with Group E occupancies in the locations specified
10 in section 915.2 where any of the conditions in sections 915.1.2 through 915.1.6 exist. Existing
11 animal housing or care facilities shall have two (2) years from April 1, 2023, to comply with this
12 section 915.1.1.
- 13 (35) Section 915.1.2. Amended to read: Fuel-burning appliances and fuel burning fireplaces. Carbon
14 monoxide detection shall be provided in dwelling units, sleeping units, rooms of animal housing
15 or care facilities where animals are housed or cared for, and classrooms that contain a fuel-
16 burning appliance or fuel-burning fireplace. Existing animal housing or care facilities shall have
17 two (2) years from April 1, 2023, to comply with this section 915.1.2.
- 18 (36) Section 915.1.3. Amended to read: Forced air furnaces. Carbon monoxide detection shall be
19 provided in dwelling units, sleeping units, rooms of animal housing or care facilities where
20 animals are housed or cared for, and classrooms served by fuel-burning, forced-air furnace.
21 Existing animal housing or care facilities shall have two (2) years from April 1, 2023, to comply
22 with this section 915.1.3.
- 23 Exception: Carbon monoxide detection shall not be required in dwelling units, sleeping units,
24 rooms of animal housing or care facilities where animals are housed or cared for, and
25 classrooms where carbon monoxide detection is provided in the first room or area served by
26 each main duct leaving the furnace, and the carbon monoxide alarm signals are automatically
27 transmitted to an approved location.
- 28 (37) Section 915.1.4. Amended to read: Fuel-burning appliances outside of dwelling units, sleeping
29 units, rooms of animal housing or care facilities where animals are housed or cared for, and
30 classrooms. Carbon monoxide detection shall be provided in dwelling units, sleeping units,
31 rooms of animal housing or care facilities where animals are housed or cared for, and
32 classrooms located in buildings that contain fuel burning appliances or fuel burning fireplaces.
33 Existing animal housing or care facilities shall have two (2) years from April 1, 2023, to comply
34 with this section 915.1.4.
- 35 Exceptions:
- 36 1. Carbon monoxide detection shall not be required in dwelling units, sleeping units, rooms
37 of animal housing or care facilities where animals are housed or cared for, and classrooms
38 where there are no communicating openings between the fuel-burning appliance or fuel-
39 burning fireplace and the dwelling unit, sleeping unit, room of the animal housing or care
40 facility where animals are housed or cared for, or classroom.
- 41 2. Carbon monoxide detection shall not be required in dwelling units, sleeping units, rooms
42 of animal housing or care facilities where animals are housed or cared for, and classrooms
43 where carbon monoxide detection is provided in one of the following locations:
- 44 2.1 In an approved location between the fuel burning appliance or fuel-burning
45 fireplace and the dwelling unit, sleeping unit, room of the animal housing or care
46 facility where animals are housed and cared for, or classroom.
- 47 (38) Section 915.1.5. Amended to read: Private garages. Carbon monoxide detection shall be
48 provided in dwelling units, sleeping units, rooms of animal housing or care facilities where

1 animals are housed or cared for, and classrooms in buildings with attached private garages.
2 Existing animal housing or care facilities shall have two (2) years from April 1, 2023, to comply
3 with this section 915.1.5.

4 Exceptions:

5 1. Carbon monoxide detection shall not be required where there are no communicating
6 openings between the private garage and the dwelling unit, sleeping unit, room of the
7 animal housing or care facility where the animals are housed or cared for, or classrooms.

8 2. Carbon monoxide detection shall not be required in dwelling units, sleeping units, rooms
9 of animal housing or care facilities where animals are housed or cared for, and classrooms
10 located more than one story above or below a private garage.

11 3. Carbon monoxide shall not be required where the private garage connects to the building
12 through an open-ended corridor.

13 4. Where carbon monoxide detection is provided in an approved location between openings
14 to a private garage and dwelling units, sleeping units, rooms of animal housing or care
15 facilities where animals are housed or cared for, or classrooms, carbon monoxide detection
16 shall not be required in the dwelling units, sleeping units, rooms of animal housing or care
17 facilities where animals are housed or cared for, or classrooms.

18 (39) Section 9.15.3. Amended to read: Detection equipment. Carbon monoxide detection required
19 by sections 915.1 through 915.2.3 shall be provided by carbon monoxide alarms complying with
20 section 915.4 or carbon monoxide detection systems complying with section 915.5.

21 (40) Section 1103.2. Amended to read: Emergency responder radio coverage in existing buildings.
22 Existing buildings that do not have approved radio coverage for emergency responders within
23 the building based upon the existing coverage levels of the public safety communication systems
24 of the jurisdiction at the exterior of the building, shall be equipped with such coverage according
25 to one of the following:

26 1. Whenever an existing wired communication system cannot be repaired or is being replaced,
27 or where not approved in accordance with Section 510.1. Exception 1.

28 2. Within a time frame established by the adopting authority, which shall be twelve months
29 from notice.

30 (41) Section 1103.7.8. Inserted. Animal housing or care facilities. An electronically supervised
31 automatic smoke detection system shall be installed in all fire areas containing an existing Group
32 B animal housing or care facility in compliance with and pursuant to section 907.2.2.2.

33 (42)Section 5504.3. A sentence is added at the end of the section to read: Storage of flammable
34 cryogenic fluids in stationary containers outside of buildings is prohibited within the City of Round
35 Rock city limits, with the exception of areas zoned for industrial use. Storage of flammable
36 cryogenic fluids may be permitted at the discretion of the fire chief following his review of the
37 proposed location and the fire protection for the storage area. Storage shall not be allowed within
38 100 feet of the property line of any Group E, I, or R occupancies.

39 (43)Section 5706.2.4.4. Amended to read: Locations where above ground tanks are prohibited.
40 Storage of Class I and II liquids in above ground tanks is prohibited within the City of Round
41 Rock city limits, with the exception of areas that are zoned for industrial use. Storage of Class I
42 and II liquids may be permitted at the discretion of the fire chief following his review of the
43 proposed location and the fire protection for the storage area. Storage shall not be allowed within
44 100 feet of the property line of any Group E, I, or R occupancies.

45 (44)Section 5804.2. A sentence is added at the end of the section to read: Storage of flammable or
46 combustible liquids in outside above ground tanks is prohibited within each and every zoning
47 district within the City of Round Rock, with the exception of those districts which are zoned for

1 industrial use. Installation of above ground tanks in industrial districts shall be permitted at the
2 discretion of the fire chief following his review of the proposed installation location and the fire
3 protection for the storage area. When used in conjunction with Chapter 23, above ground
4 storage will be allowed at the discretion of the fire chief. Tanks shall not be located within 100
5 feet of the property line of any Group E, I, or R occupancies.

6 (45) Section 6104.2. A sentence is added at the end of the section to read: Tanks shall not be located
7 within 100 feet of the property line of any Group E, I, or R occupancies.

8 (46) Appendix A is not adopted, and is repealed in its entirety.

9 (47) Appendix D, Figure D103.1 dealing with cul-de-sac. Any reference to 96' or 96-foot diameter is
10 replaced with 100' or 100-foot diameter.

11 (48) Appendix L, Section L101.1 is adopted with the following amendment: A sentence is added at the
12 end of the section to read: 5. For new construction of eight (8) floors or more.
13

14 **II.**

15 **A.** All ordinances, parts of ordinances, or resolutions in conflict herewith are
16 expressly repealed.

17 **B.** The invalidity of any section or provision of this ordinance shall not
18 invalidate other sections or provisions thereof.

19 **C.** The City Council hereby finds and declares that written notice of the date,
20 hour, place and subject of the meeting at which this ordinance was adopted was posted
21 and that such meeting was open to the public as required by law at all times during which
22 this ordinance and the subject matter hereof were discussed, considered and formally
23 acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government
24 Code, as amended.

25 Alternative 1.

26 By motion duly made, seconded and passed with an affirmative vote of all the
27 Council members present, the requirement for reading this ordinance on two separate
28 days was dispensed with.

29 **READ, PASSED, and ADOPTED** on first reading this _____ day of
30 _____, 2023.

1 Alternative 2.

2 **READ** and **APPROVED** on first reading this the _____ day of
3 _____, 2023.

4

5 **READ, APPROVED** and **ADOPTED** on second reading this the _____ day of
6 _____, 2023.

7

8

9

10

11

CRAIG MORGAN, Mayor
City of Round Rock, Texas

12 ATTEST:

13

14

15

16

MEAGAN SPINKS, City Clerk