

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15, ARTICLE 15-1, “BUILDING CODE,” TO TITLE IT “CONSTRUCTION CHAPTER” AND TO ADOPT THE NEW SECTION 15-1 AS THE CITY OF COPPELL’S CONSTRUCTION CHAPTER; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the City of Coppel Code of Ordinances be, and the same is, hereby amended by amending Chapter 15, Article 15-1, to establish the City of Coppel’s Construction Ordinance to read as follows:

CHAPTER 15-1. CONSTRUCTION CHAPTER

Sec. 15-1-1 Construction Ordinance Established:

This chapter and the sections of ordinance pertaining to construction establishes the requirements of the City of Coppel for all persons engaged in activities governed by the

adopted building and zoning codes and ordinances, and the properties affected by such activities.

Sec. 15-1-2. Contractor Registration.

(a) Registration Required. Any person or firm performing work which requires a permit as stated in the adopted building codes and ordinances of the City must first register with the City of Coppell as a contractor through the administrative processes in place at the time of application or registration renewal.

(1) Exception: A homeowner performing work on their primary residence and its property (referred to as a homestead) may register as a contractor to perform work on their own property without having to meet the general liability insurance requirements of a general contractor.

(b) False Representation in Registration Deemed Unlawful. It shall be unlawful for any person, firm, or corporation to represent themselves or a business as a registered contractor in the City of Coppell without having first properly registered with the City, or to falsely identify a registered contractor on a permit without the registrant's consent.

(c) Transfer of registration. It shall be unlawful for any person, firm, or corporation to lend, rent, or transfer a contractor registration issued by the City of Coppell to another person, firm, or corporation for any purpose.

(d) Revocation of registration. A contractor registration issued by the City of Coppell may be revoked by the Chief Building Official for the following:

(1) Falsification of any portion of an application for registration or falsification of an inspection result.

(2) Any person, firm, or corporation who has been found guilty in municipal court of violations of this code.

(3) Threatening or abusive behavior towards City staff or City representatives.

(4) Continuous disregard for, or refusal to comply with, City policies, building codes, and ordinances.

(e) Notice of revocation of contractor registration. The Chief Building Official shall provide proper notice in writing to the person, firm or corporation holding a

contractor registration of the revocation of their registration. Notice shall be deemed effective on the post date of certified mail.

- (f) **Appeal of revocation.** The holder of a revoked registration may appeal the decision of the Chief Building Official by requesting a public hearing made in writing to the Chairman of the Board of Adjustment within ten (10) days of the posted date of the certified letter noticing the revocation. The Board of Adjustment shall meet at the next scheduled meeting and consider the appeal.

Sec. 15-1-3 Plans and specifications. With each application for a permit, and where required by the Chief Building Official or designee for enforcement of any provision of this Code, plans, specifications and calculations shall be submitted in the quantity deemed necessary by the Chief Building Official or designee. When deemed necessary to ensure code compliance, the Chief Building Official or designee may require plans and specifications to be prepared by an architect or engineer licensed by the State of Texas. All drawings, specifications and accompanying data involved with the practice of architecture or engineering shall comply with state and local laws governing the practice of architecture or engineering, and acceptable industry standards.

- (a) **Information on plans and specifications.** Plans and specifications shall be drawn to scale and submitted in accordance with the administrative process in place. All documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of the relevant code and all relevant laws, ordinances, rules and regulations.

Sec. 15-1-4. Allowable work hours. There shall be no construction activity related to the erection, excavation, demolition, alteration, or repair of any building, fence, swimming pool, spa, flatwork, structure, or accessory structure outside the allowable work hours of 7:00 a.m. to 7:00 p.m., Monday through Friday; and 9:00 a.m. to 7:00 p.m. on Saturdays, Sundays, and federally recognized holidays.

The City Manager or designee may issue a written permit to exceed these hours for reasons determined by the city manager or designee to be necessary for the public's health, safety, or welfare.

Sec. 15-1-5. Construction site conditions. It is the responsibility of the property owner and the permit holder to ensure that the entirety of the area affected by the scope of work is maintained accordingly:

- (a) Trash must be completely contained below the overfill line in a dumpster supplied by the City's waste hauling vendor at all times.
- (b) City streets, alleys, curbs, and sidewalks must be protected from damage. Any damaged streets, alleys, curbs, or sidewalks must be repaired by the property owner and the contractor according to the requirements of Public Works.
- (c) No construction materials or equipment may be stored in the City's R.O.W. (right-of-way) or on a property other than the permitted property without written, irrevocable consent from that property's owner.
- (d) Construction materials that are not listed for direct exposure to the elements that will be stored on site must be protected from the elements.
- (e) Vehicles associated with the project cannot be parked in, or otherwise block, a fire lane or block access to a public road unless approved by the City's Fire Marshal and the Coppell Police Department.
- (f) Adequate restroom facilities must be provided and maintained on the permit site, out of the City's ROW, for the maximum number of workers on site per day.
- (g) All job sites will adhere to OSHA standards and ensure the safety of City staff on site. Failure to provide a safe environment for City staff will result in the requested inspections being failed and no further inspections performed on site until the site has been made safe.

Sec. 15-1-6 Permits. In addition to the requirements set forth in the adopted codes, the following permit requirements shall be observed:

- (a) City-issued building permits shall be posted in a conspicuous location observable from the street the structure is addressed from as well as the alley if the location is served by an alley.
- (b) City-approved plans must be on site at all times. Any deviations from the approved plans will result in no inspections being performed until the plans are resubmitted and approved

by the City. Continued deviations from the approved plans will result in citation and permit revocation.

Sec. 15-1-7 Temporary Construction fence. A temporary construction fence may be applied for on residential and commercial properties where a building permit has been issued. The temporary fence may be chain link with or without screening. The fence and all screening must be maintained to a like-new condition. The temporary fence may only be on site while the permit is issued. Any property where the primary building permit has expired will require the removal of the fence or will be found to be in violation of the City's fence ordinance.

Sec. 15-1-8 Inspections. All work for which a permit is required by this code shall be subject to inspection by the Chief Building Official or designee. No portion of any scope of work intended to be concealed shall be concealed until inspected and approved. The Chief Building Official or designee, nor the City shall be liable for expenses entailed in the removal or replacement of any material necessary to allow inspection.

(a) Inspection requests. It shall be the duty of the permit holder to notify the Chief Building Official or designee that such work is ready for inspection at least one working day before such inspection is desired. Such requests shall be made through the administrative process in use. It shall be the duty of the permit holder to provide access to and means for proper inspection of such work.

(b) Reinspections. A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when required corrections are not made. Reinspection fees may be assessed when the approved plans are not readily available to the Inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the Chief Building Official or designee. In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15, ARTICLE 15-2, “NATIONAL ELECTRICAL CODE”, TO TITLE IT “BUILDING CODE” AND TO ADOPT THE INTERNATIONAL BUILDING CODE, 2024 EDITION, AS THE CITY OF COPPELL BUILDING CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL BUILDING CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppell, Texas be, and the same is, hereby amended by amending Chapter 15, Article 15-2, “Building Code”, in part to adopt the International Building Code, 2024 Edition, with amendments to read as follows:

ARTICLE 15-2. BUILDING CODE

Sec. 15-2-1. Building Code – Adopted.

There is hereby adopted the International Building Code, 2024 Edition, and all appendices, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-2-2. Amendments.

The following sections of the International Building Code, 2024 Edition, are hereby amended to read as follows:

1. Amend Section 101.1 to read as follows:

101.1 Title. These regulations shall be known as the *Building Code* of the City of Coppel, hereinafter referred to as “this code.”

2. Amend Section 101.4 to read as follows:

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.6 and referenced elsewhere in this code when specifically adopted shall be considered part of the requirements of this code to the prescribed extent of each such reference. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the National Electrical Code as adopted.

3. Amend Section 101.4.8 by adopting the following:

101.4.8 Electrical. The provisions of the Electrical Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

4. Amend Section 103.1 to read as follows:

103.1 Creation of enforcement agency. The Building Inspections department is hereby created and the official in charge shall be known as the building official. The function of the agency shall be the implementation, administration, and enforcement of the provisions of this code.

5. Amend Section 105.2 to read as follows:

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 laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

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

2. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
3. Temporary motion picture, television and theater stage sets and scenery.
4. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18 925 L) and are installed entirely above ground.
5. Shade cloth structures constructed for agricultural purposes, not including service systems.
6. Swings and other playground equipment accessory to one- and two-family dwellings.
7. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753mm) in height.

6. Amend Section 107.1 to read as follows:

107.1 General. A complete set of construction documents prepared by a registered design professional, special inspections information, and structural observation programs and other data shall be submitted with each permit application through the administrative process in use at the time of application. Where special conditions exist, the building official is authorized to require additional construction documents prepared by a registered design professional. **Exception:** The *building official* is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this code.

7. Amend Section 109.4 to read as follows:

109.4 Work Commencing before Permit Issuance. Any person who commences work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to an investigation fee collected whether or not a permit is subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this code, not to exceed Two Thousand Dollars (\$2,000.00), subject to the aforesaid limitation. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by law.

8. Amend Section 109.6 to read as follows:

109.6 Plan Review Fees. Plan review fees are as stated in the Council-approved fee schedule. Plan review fees are not refundable.

9. Insert Section 109.6.1 to read as follows:

109.6.1 Refunds. The *building official* may authorize refunding of not more than 80 percent of the permit fee which was erroneously paid or collected, except for plan review fees as described.

10. Insert Section 109.7 to read as follows:

Section 109.7 Re-inspection fees. A fee as established by City Council resolution may be charged when:

1. The inspection called for is not ready when the inspector arrives;
2. No building address or permit card is clearly posted;
3. City approved plans are not on the job site available to the inspector;
4. The building is locked or work otherwise not available for inspection when called;
5. The job site is red-tagged twice for the same item;
6. The original red tag has been removed from the job site;
7. Failure to maintain erosion control, trash control or tree protection. Any re-inspection fees assessed shall be paid before any more inspections are made on that job site.

11. Amend Section 113 to read as follows:

The Building and Standards Commission shall act as the Board of Appeals.

12. Section 113.3 Qualifications shall be deleted in its entirety.

13. Amend Section 202 by adopting new definitions, to read as follows:

HIGH RISE BUILDING. A building with an occupied floor located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.

14. Amend Section 403.3 by deleting the exception in its entirety.

15. Amend Section 903.1.1 to read as follows:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in addition to automatic fire sprinkler protection where recognized by the applicable standard, or as approved by the fire code official.

16. Amend Section 903.2 by adding thereto; deleting the exception; and by adopting Subsection 903.2.13, to read as follows:

903.2 Where required. In addition to the remainder of 903.2, an approved automatic fire extinguishing system (fire sprinkler system) shall be installed and maintained in accordance with the current versions of NFPA 13, Standard for the Installation of Sprinkler Systems and NFPA 25 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems in the following occupancies:

1. All new buildings and new additions to existing buildings greater than 5,000 square feet.
2. All new windowless buildings or buildings with a basement, regardless of square footage.

3. All new Group R buildings, excluding single family dwellings. Protection is required throughout all living areas, including, but not limited to small rooms and enclosed attached garages.
4. All buildings or structures, two (2) or more stories or thirty-five feet (35') in height, excluding Group R-3.
5. All Group R-3 building with a gross square footage greater than 10,000 square feet.
6. All Group R-3 occupancies which contain two or more separate dwelling units. Residential or quick response standard sprinklers shall be used in the dwelling units.
7. All Group R-1 occupancies. Residential or quick response standard sprinklers shall be used in the dwelling units and guest room portions of the building.
8. All Group A-5 occupancies greater than 1,000 square feet.
9. All Group A-2 occupancies greater than 2,000 square feet, unless Type I or II construction is utilized for the building, then greater than 5,000 square feet.
10. All Group H and Group I occupancies regardless of square footage.
11. Throughout all occupancies classified as 'self-service storage facility'.
12. F-1 and S-1 occupancies used for manufacture or storage of upholstered furniture or mattresses greater than 2,500 square feet.

903.2.13 General. The following fire and life safety items are required for applicable buildings. The system shall be designed according to NFPA standards on all floors of the building.

All buildings equipped with an approved automatic sprinkler system shall also be equipped with an approved, monitored fire alarm system, meeting the requirements of NFPA 72 and this code. In addition to the building requirements listed above, the following requirements must be met:

1. Where standpipes are required, all standpipe locations are to be marked by painting the entire drop "Safety RED" with blue retro-reflective tape at 1 and 10-foot levels above valves. Where standpipes are located in office areas, cabinets shall be readily distinguishable from surrounding wall coverings.
2. All personnel doors are to be numbered in six-inch (6") high numbers on the inside and outside of the doors. The numbering is to begin at the pump room and continue counterclockwise around the building. The pump room is to have "PUMP ROOM" on the outside of the door in minimum six-inch (6") high letters. On all buildings without a pump room, the first personnel door to the right of the main entrance is to be labeled door "1" and continue in a counterclockwise direction. Doors are to be numbered sequentially with the personnel doors or alphabetical symbols are to be used. No personnel doors and dock doors are to be labeled with the same number. All numbers are to be of a contrasting color to the background.
3. Zone maps and operational instructions are to be posted at each fire alarm panel.
4. A plan showing the location of each pull station, duct detector, mechanical smoke exhaust fan and personnel door locations (by door number) shall be located at each alarm panel.
5. Each sprinkler riser shall be identified by a unique four-inch (4") number above the main valve. If the sprinkler riser, 4-inch or larger, passes through a ceiling, wall or enclosure, an additional four-inch (4") number shall be placed on the riser pipe at a point that is

easily visible from floor level. A plan showing the coverage area of each system shall be posted adjacent to the fire alarm panel.

6. Fire sprinkler risers/fire pump rooms shall be directly accessible from an exterior door. The room shall be properly sized for adequate personnel maneuverability and serviceability. Room without a pump, minimum size of fifty-six square feet (56 sq. ft.), with a minimum dimension of seven feet (7'); with a pump, minimum size of 100 square feet (100 sq. ft.), with a minimum dimension of ten feet (10'). Exterior weatherproof strobe shall be installed.
7. Evacuation of Buildings. Upon any fire alarm activation, all occupants shall immediately evacuate all portions of the building and shall remain outside of the structure until it has been determined that it is safe to return.

17. Amend Subsections 903.3.1.1 and 903.3.1.1.1 to read as follows and by deleting Subsection 903.3.1.1.2 in its entirety:

903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system, sprinklers shall be installed throughout in accordance with NFPA 13, latest edition, except as provided in Sections 903.3.1.1.1.

903.3.1.1.1 Exempt Locations. When approved by the fire code official, automatic sprinklers shall not be required in the following rooms or areas where such rooms are protected with an approved fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance rated construction or contains electrical equipment.

1. Any room where the application of water, or the combination of flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the fire code official.

18. Amend Subsection 903.3.1.2 to read as follows:

903.3.1.2 NFPA 13R sprinkler systems. Where allowed in buildings of Group R, up to and including four stories in height, automatic sprinkler systems shall be installed throughout in accordance with NFPA 13R, as amended to include small rooms, closets, balconies and attached enclosed garages.

19. Amend Subsection 903.3.5 by adding the following:

903.3.5 Water supplies. Water supplies for automatic sprinkler system shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. Water supplies as required for such systems shall be provided

in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10-psi safety factor.

When any portion of the facility or buildings protected is in excess of 150 feet from a water supply on a public street, as measured by an approved route around the exterior of the facility or building, additional fire hydrants and mains capable of supplying the required fire flow shall be required. Additional hydrant locations shall be based on fire load, internal fire protection systems, required fire flow, vehicular traffic, fire lanes, and other special circumstances. Fire hydrants shall be spaced no farther than six hundred feet (600') in residential areas and three hundred feet (300') in other than residential areas, measured center-on-center. These distances may be modified when sufficient data is provided showing equivalent fire protection can be maintained. Fire hydrants shall be located no closer than three feet (3') nor farther than six feet (6') from a fire lane. Fire supply lines shall be looped systems with no dead-end mains or fire lines greater than one hundred fifty feet (150') in length unless approved by the Fire Marshal.

20. Amend Section 905.1 to read as follows:

905.1 General. Standpipe systems shall be provided in new buildings and structures in accordance with Sections 905.2 through 905.11. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 32.

All buildings greater than 20,000 square feet, except for Group R-3, shall be equipped with 2 1/2" hose valves stations. The hose valve locations shall be supplied by a minimum 2 1/2" line from the automatic fire sprinkler system. The hose valve stations shall consist of a 2 1/2" valve. A demand of a minimum of 150 GPM shall be included in the hydraulic calculations. Spacing for the hose valves shall be based on one hundred feet (100') hose lay and thirty feet (30') of stream, beginning at the nearest fire department entry door.

21. Amend Section 907.2.1 to read as follows and by deleting the exception thereto:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons or more than 100 persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the International Building Code shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for Group E occupancy.

22. Amend Section 907.2.1.1 to read as follows:

907.2.1.1 System Initiation in Group A Occupancies with an Occupant Load of Three Hundred (300) or more. Activation of the fire alarm in Group A occupancies with an occupancy load of three hundred (300) or more shall immediately initiate an approved

prerecorded message announcement using an approved voice communication system in accordance with NFPA 72 that is audible above the ambient noise level of the occupancy.

Exception: When approved, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three (3) minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended location.

23. Amend Section 907.2.2 to read as follows and by deleting the exceptions thereto:

907.2.2 Group B. A manual fire alarm system, which activate the occupant notification system in accordance with Section 907.5, shall be installed in Group B occupancies where one of the following conditions exists:

1. The combined Group B occupant load of all floors is 500 or more.
2. The Group B occupant load is more than 100 persons above or below the level of exit discharge.
3. The fire area contains an ambulatory care facility.

24. Amend Section 907.2.3 to read as follows and by deleting the exceptions thereto:

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When automatic fire extinguishing systems or automatic fire alarm systems are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in all Group E daycare occupancies. All buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm system.

25. Amend Subsection 907.2.4 to read as follows and by deleting the exception thereto:

907.2.4 Group F. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies greater than 75,000 gross square feet or are two or more stories in height.

26. Amend Section 907.2.13 to read as follows and by deleting the exceptions thereto:

907.2.13 High-rise Buildings. Buildings with a floor used for human occupancy located more than fifty-five feet (55') above the lowest level of fire department vehicle access shall be provided with an automatic smoke detection system in accordance with Section 907.2.13.1, a fire department communications system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

27. Amend Subsection 907.6.3 to read as follows.

907.6.3 Initiating device identification. The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate. A minimum of one audible device shall be installed in each tenant space for automatic fire sprinkler system monitoring systems. Water flow alarm signals shall be silenceable.

Exception: Existing systems need not comply unless the total building remodel or expansion exceeds 25% of the original building.

28. Amend Section 910.4 by adding the following:

910.4 Mechanical smoke exhaust. Where approved by the fire code official, engineered mechanical smoke removal systems shall be an acceptable alternative to smoke and heat vents. In buildings equipped with an Early Suppression Fast Response (ESFR) sprinkler system or a Class IV sprinkler system, curtain boards and smoke and heat vents are to be eliminated, and an approved mechanical smoke removal system utilized.

29. Amend Subsection 910.4.3 by adding the following:

910.4.3 System design criteria. The mechanical smoke removal system shall be sized to exhaust the building at a minimum rate of four (4) air changes per hour based upon the volume of the building or portion thereof without contents. The capacity of each exhaust fan shall not exceed 30,000 cubic feet per minute.

Supply air for exhaust fans shall be provided at or near the floor level and shall be sized to provide a minimum of twenty-five percent (25%) of required exhaust. Openings for supply air shall be uniformly distributed around the periphery of the area served. Personnel doors and dock doors shall not be considered as part of the supply air system.

This system must de-activate all fans upon initiation of the fire alarm system. The system shall have a manual override system in addition to the vent controls located in the protected area. A separate Fire Department access or key switch may be required at a remote location in the building. Each individual fan shall be capable of being activated by a fireman's override switch located in the pump room. Design of the mechanical smoke and heat removal system shall be based on a minimum of four (4) air changes per hour. When activated by the fire alarm, all other mechanical ventilation systems shall shut down. Fans shall be capable of continuous operation even after main building power has been deactivated.

A 3rd party Fire Protection Engineer report may be evaluated on a case-by-case basis. The City of Coppell will not be responsible for the report costs. Submission of the report is not a guarantee that the above system design criteria will not be required to be followed.

30. Delete section 1011.14 Alternating tread devices in its entirety.

31. Section 1020.2; add exception 6 to read as follows:

6. In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector shall activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors shall be connected to an approved automatic fire alarm system where such system is provided.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not

to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

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2024 INTERNATIONAL BUILDING CODE	AMENDED LANGUAGE	NOTES
[A] 101.1 Title. These regulations shall be known as the <i>Building Code</i> of [NAME OF JURISDICTION], hereinafter referred to as “this code.”	101.1 Title. These regulations shall be known as the <i>Building Code</i> of the City of Coppell, hereinafter referred to as “this code.”	Amending this section is necessary for the adoption of this code.
[A] 101.4 Referenced codes. The other codes specified in Sections 101.4.1 through 101.4.7 and referenced elsewhere in this code shall be considered to be part of the requirements of this code to the prescribed extent of each such reference.	101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.6 and referenced elsewhere in this code when specifically adopted shall be considered part of the requirements of this code to the prescribed extent of each such reference. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standard shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the National Electrical Code as adopted.	Amending this section is necessary for the integration of the NFPA 70 (National Electrical Code) into this code book’s references.
	101.4.8 Electrical. The provisions of the Electrical Code shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.	Creating this section is necessary since the verbiage in the NEC is different from the standard verbiage of the ICC collection of codes.
[A] 103.1 Creation of enforcement agency. The [INSERT NAME OF DEPARTMENT] is hereby created and the official in charge thereof shall be known as the <i>building official</i> . The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.	103.1 Creation of enforcement agency. The Building Inspections department is hereby created and the official in charge shall be the known as the building official. The function of the agency shall be the implementation, administration, and enforcement of the provisions of this code.	Amending this section is necessary for the adoption of this code as it identifies the title of the department.
[A] 105.2 Work exempt from permit. Exemptions from <i>permit</i> 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 <i>jurisdiction</i> . <i>Permits</i> shall not be required for the following: Building: <ol style="list-style-type: none">One-story detached accessory <i>structures</i> used as tool and storage sheds, playhouses and similar uses, provided that the floor area is not greater than 120 square feet (11 m²).Fences, other than swimming pool barriers, not over 7 feet (2134 mm) high.Oil derricks.Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any <i>basement</i> or <i>story</i> below and are not part of an <i>accessible route</i>.	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 laws or ordinances of this jurisdiction. Permits shall not be required for the following: Building: <ol style="list-style-type: none">Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2:1.Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.Temporary motion picture, television and theater stage sets and scenery.Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18 925 L) and are installed entirely above ground.Shade cloth structures constructed for agricultural purposes, not including service systems.Swings and other playground equipment accessory to one- and two-family dwellings.Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753mm) in height.	<p>The proposed amendment has been part of our City’s ordinance since we began using the International codes and is in alignment with NTCOG’s recommendations for uniformity with our neighboring municipalities.</p> <p>The original verbiage in the IBC is also not in alignment with the Texas Occupations Code for the mechanical, electrical, and plumbing trades. In addition to the Texas Occupations Codes, the Texas Department of Licensing and Regulation has rules for electricians and mechanical contractors, and the Texas State Board of Plumbing Examiners has rules for plumbers. The Occupations Code and each trade’s rules also have requirements for what does and does not require permitting and inspections.</p>

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<div><div><div>7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.</div><div>8. Temporary motion picture, television and theater stage sets and scenery.</div><div>9. Prefabricated <i>swimming pools</i> accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground.</div><div>10. Shade cloth <i>structures</i> constructed for nursery or agricultural purposes, not including service systems.</div><div>11. Swings and other playground equipment accessory to detached one- and two-family <i>dwellings</i>.</div><div>12. Window <i>awnings</i> in Group R-3 and U occupancies, supported by an <i>exterior wall</i> that do not project more than 54 inches (1372 mm) from the <i>exterior wall</i> and do not require additional support.</div><div>13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.</div></div><div><div>Electrical:</div><div><div>1. Repairs and maintenance: Minor <i>repair</i> work, including the replacement of lamps or the connection of <i>approved</i> portable electrical equipment to <i>approved</i> permanently installed receptacles.</div><div>2. Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.</div><div>3. Temporary testing systems: A <i>permit</i> shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.</div></div><div><div>Gas:</div><div><div>1. Portable heating appliance.</div><div>2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.</div></div></div><div><div>Mechanical:</div><div><div>1. Portable heating appliance.</div><div>2. Portable ventilation equipment.</div><div>3. Portable cooling unit.</div><div>4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.</div><div>5. Replacement of any part that does not alter its approval or make it unsafe.</div><div>6. Portable evaporative cooler.</div></div></div></div></div>		
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<p>7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (0.75 kW) or less.</p> <p>Plumbing:</p> <p>1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a <i>permit</i> shall be obtained and inspection made as provided in this code.</p> <p>2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided that such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.</p>		
<p>[A] 107.1 General. Submittal documents consisting of <i>construction documents</i>, statement of <i>special inspections</i>, geotechnical report and other data shall be submitted in two or more sets, or in a digital format where allowed by the <i>building official</i>, with each <i>permit</i> application. The <i>construction documents</i> shall be prepared by a <i>registered design professional</i> where required by the statutes of the <i>jurisdiction</i> in which the project is to be constructed. Where special conditions exist, the <i>building official</i> is authorized to require additional <i>construction documents</i> to be prepared by a <i>registered design professional</i>.</p> <p>Exception: The <i>building official</i> is authorized to waive the submission of <i>construction documents</i> and other data not required to be prepared by a <i>registered design professional</i> if it is found that the nature of the work applied for is such that review of <i>construction documents</i> is not necessary to obtain compliance with this code.</p>	<p>107.1 General. A complete set of construction documents prepared by a registered design professional, special inspections information, and structural observation programs and other data shall be submitted with each permit application through the administrative process in use at the time of application. Where special conditions exist, the building official is authorized to require additional construction documents prepared by a registered design professional.</p> <p>Exception: The <i>building official</i> is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this code.</p>	<p>The amended verbiage is a slight variation on our current verbiage under the adopted 2015 IBC. It has been altered to provide flexibility in our processes, while also creating the legal precedence of compliance with our administrative procedures.</p>
<p>[A] 109.4 Work commencing before permit issuance. Any <i>person</i> who commences any work before obtaining the necessary <i>permits</i> shall be subject to a fee established by the <i>building official</i> that shall be in addition to the required <i>permit</i> fees.</p>	<p>109.4 Work Commencing before Permit Issuance. Any person who commences work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to an investigation fee collected whether or not a permit is subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this code, not to exceed Two Thousand Dollars (\$2,000.00), subject to the aforesaid limitation. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by law.</p>	<p>This is a continuation of our current amendment for this section, which is also a NTCOG recommendation. It provides us a state law compliant path for enforcement under the Texas municipal laws.</p>
<p>[A] 109.6 Refunds. The <i>building official</i> is authorized to establish a refund policy.</p>	<p>109.6 Plan Review Fees. Plan review fees are as stated in the Council-approved fee schedule. Plan review fees are not refundable.</p>	<p>This is a continuation of an existing amendment, establishing in ordinance that there is potentially a plan review fee in addition to the permit fees.</p>
<p>Does not exist</p>	<p>109.6.1 Refunds. The <i>building official</i> may authorize refunding of not more than 80 percent of the permit fee which was erroneously paid or collected, except for plan review fees as described.</p>	<p>This is the refund procedure mentioned in the original verbiage of Section 109.6 and is a continuation of an existing amendment.</p>

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Does not exist	Section 109.7 Re-inspection fees. A fee as established by City Council resolution may be charged when: <ol style="list-style-type: none">1. The inspection called for is not ready when the inspector arrives;2. No building address or permit card is clearly posted;3. City approved plans are not on the job site available to the inspector;4. The building is locked or work otherwise not available for inspection when called;5. The job site is red-tagged twice for the same item;6. The original red tag has been removed from the job site;7. Failure to maintain erosion control, trash control or tree protection. Any re-inspection fees assessed shall be paid before any more inspections are made on that job site.	This is a continuation of an existing amendment and a recommendation of NTCOG.
[A] 113.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the <i>building official</i> relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the <i>building official</i> .	Amend Section 113 to read as follows: The Building and Standards Commission shall act as the Board of Appeals.	This is a continuation of an existing amendment which identifies the BSC as our path for appeals to code interpretations by the Building Official and is in alignment with Texas Municipal Code.
[A] 113.3 Qualifications. The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and who are not employees of the <i>jurisdiction</i> .	Section 113.3 Qualifications shall be deleted in its entirety.	This is a continuation of an existing amendment and is necessary for the City to be able to populate the BSC.
[BG]HIGH-RISE BUILDING. A <i>building</i> with an occupied floor or occupied roof located more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access.	Amend Section 202 by adopting new definitions, to read as follows: HIGH RISE BUILDING. A building with an occupied floor located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.	This is the continuation of a necessary amendment due to the fact that our fire trucks do not carry a 75’ ladder. This is a NTCOG recommendation and is consistent with almost every municipality in our area.
[F] 403.3 Automatic sprinkler system. <i>Buildings and structures</i> shall be equipped throughout with an <i>automatic sprinkler system</i> in accordance with Section 903.3.1.1 and a secondary water supply where required by Section 403.3.3. Exception: An <i>automatic sprinkler system</i> shall not be required in spaces or areas of telecommunications equipment <i>buildings</i> used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided that those spaces or areas are equipped throughout with an <i>automatic</i> fire detection system in accordance with Section 907.2 and are separated from the remainder of the <i>building</i> by not less than 1-hour <i>fire barriers</i> constructed in accordance with Section 707 or not less than 2-hour <i>horizontal assemblies</i> constructed in accordance with Section 711, or both.	Amend Section 403.3 by deleting the exception in its entirety.	See Fire Marshal’s 2024 IFC adoption information.

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<p>[F] 903.2 Where required. <i>Approved automatic sprinkler systems</i> in new <i>buildings</i> and <i>structures</i> shall be provided in the locations described in Sections 903.2.1 through 903.2.12.</p> <p>Exception: Spaces or areas in telecommunications <i>buildings</i> used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries not required to have an <i>automatic sprinkler system</i> by Section 1207 of the <i>International Fire Code</i> for energy storage systems and standby engines, provided that those spaces or areas are equipped throughout with an <i>automatic smoke detection system</i> in accordance with Section 907.2 and are separated from the remainder of the <i>building</i> by not less than 1-hour <i>fire barriers</i> constructed in accordance with Section 707 or not less than 2-hour <i>horizontal assemblies</i> constructed in accordance with Section 711, or both.</p>	<p>Amend Section 903.2 by adding thereto; deleting the exception; and by adopting Subsection 903.2.13, to read as follows:</p> <p>903.2 Where required. In addition to the remainder of 903.2, an approved automatic fire extinguishing system (fire sprinkler system) shall be installed and maintained in accordance with the current versions of NFPA 13, Standard for the Installation of Sprinkler Systems and NFPA 25 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems in the following occupancies:</p> <ol style="list-style-type: none">1. All new buildings and new additions to existing buildings greater than 5,000 square feet.2. All new windowless buildings or buildings with a basement, regardless of square footage.3. All new Group R buildings, excluding single family dwellings. Protection is required throughout all living areas, including, but not limited to small rooms and enclosed attached garages.4. All buildings or structures, two (2) or more stories or thirty-five feet (35') in height, excluding Group R-3.5. All Group R-3 building with a gross square footage greater than 10,000 square feet.6. All Group R-3 occupancies which contain two or more separate dwelling units. Residential or quick response standard sprinklers shall be used in the dwelling units.7. All Group R-1 occupancies. Residential or quick response standard sprinklers shall be used in the dwelling units and guest room portions of the building.8. All Group A-5 occupancies greater than 1,000 square feet.9. All Group A-2 occupancies greater than 2,000 square feet, unless Type I or II construction is utilized for the building, then greater than 5,000 square feet.10. All Group H and Group I occupancies regardless of square footage.11. Throughout all occupancies classified as 'self-service storage facility'.12. F-1 and S-1 occupancies used for manufacture or storage of upholstered furniture or mattresses greater than 2,500 square feet.	
<p>Does not exist</p>	<p>903.2.13 General. The following fire and life safety items are required for applicable buildings. The system shall be designed according to NFPA standards on all floors of the building.</p> <p>All buildings equipped with an approved automatic sprinkler system shall also be equipped with an approved, monitored fire alarm system, meeting the requirements of NFPA 72 and this code. In addition to the building requirements listed above, the following requirements must be met:</p> <ol style="list-style-type: none">1. Where standpipes are required, all standpipe locations are to be marked by painting the entire drop "Safety RED" with blue retro-	

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	<p>reflective tape at 1 and 10-foot levels above valves. Where standpipes are located in office areas, cabinets shall be readily distinguishable from surrounding wall coverings.</p> <ol style="list-style-type: none">2. All personnel doors are to be numbered in six-inch (6") high numbers on the inside and outside of the doors. The numbering is to begin at the pump room and continue counter-clockwise around the building. The pump room is to have "PUMP ROOM" on the outside of the door in minimum six-inch (6") high letters. On all buildings without a pump room, the first personnel door to the right of the main entrance is to be labeled door "1" and continue in a counter-clockwise direction. Doors are to be numbered sequentially with the personnel doors or alphabetical symbols are to be used. No personnel doors and dock doors are to be labeled with the same number. All numbers are to be of a contrasting color to the background.3. Zone maps and operational instructions are to be posted at each fire alarm panel.4. A plan showing the location of each pull station, duct detector, mechanical smoke exhaust fan and personnel door locations (by door number) shall be located at each alarm panel.5. Each sprinkler riser shall be identified by a unique four inch (4") number above the main valve. If the sprinkler riser, 4-inch or larger, passes through a ceiling, wall or enclosure, an additional four inch (4") number shall be placed on the riser pipe at a point that is easily visible from floor level. A plan showing the coverage area of each system shall be posted adjacent to the fire alarm panel.6. Fire sprinkler risers/fire pump rooms shall be directly accessible from an exterior door. The room shall be properly sized for adequate personnel maneuverability and serviceability, minimum size sixty-four (64 sq. ft.) square feet, with a minimum dimension of ten feet (10'). Exterior weatherproof strobe shall be installed.7. Evacuation of Buildings. Upon any fire alarm activation, all occupants shall immediately evacuate all portions of the building and shall remain outside of the structure until it has been determined that it is safe to return.	
<p>[F] 903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a <i>building</i> or portion thereof be equipped throughout with an <i>automatic sprinkler system</i> in accordance with this section, sprinklers shall be installed throughout in accordance with NFPA 13 except as provided in Sections 903.3.1.1.1 through 903.3.1.1.3.</p>	<p>903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system, sprinklers shall be installed throughout in accordance with NFPA 13, latest edition, except as provided in Sections 903.3.1.1.1.</p>	
<p>[F] 903.3.1.1.1 Exempt locations. Automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an <i>approved</i> automatic fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion.</p>	<p>903.3.1.1.1 Exempt Locations. When approved by the fire code official, automatic sprinklers shall not be required in the following rooms or areas where such rooms are protected with an approved fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be</p>	

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<p>Sprinklers shall not be omitted from a room merely because it is damp, of fire-resistance-rated construction or contains electrical equipment.</p> <ol style="list-style-type: none">1. A room or space where sprinklers constitute a serious life or fire hazard because of the nature of the contents, where <i>approved</i> by the fire code official.2. Generator and transformer rooms separated from the remainder of the <i>building</i> by walls and floor/ceiling or roof/ceiling assemblies having a <i>fire-resistance rating</i> of not less than 2 hours.3. Rooms or areas that are of noncombustible construction with wholly noncombustible contents.4. Fire service access elevator machine rooms and machinery spaces.5. Machine rooms, machinery spaces, control rooms and control spaces associated with occupant evacuation elevators designed in accordance with Section 3008.	<p>omitted from any room merely because it is damp, of fire-resistance rated construction or contains electrical equipment.</p> <ol style="list-style-type: none">1. Any room where the application of water, or the combination of flame and water, constitutes a serious life or fire hazard.2. Any room or space where sprinklers are considered undesirable because the nature of the contents, when approved by the fire code official.	
<p>[F] 903.3.1.2 NFPA 13R sprinkler systems.</p> <p><i>Automatic sprinkler systems</i> in Group R occupancies shall be permitted to be installed throughout in accordance with NFPA 13R where the Group R occupancy meets all of the following conditions:</p> <ol style="list-style-type: none">1. Four <i>stories</i> or fewer above <i>grade plane</i>.2. For other than Group R-2 occupancies, the floor level of the highest <i>story</i> is 30 feet (9144 mm) or less above the lowest level of fire department vehicle access. <p>For Group R-2 occupancies, the roof assembly is less than 45 feet (13 716 mm) above the lowest level of fire department vehicle access. The height of the roof assembly shall be determined by measuring the distance from the lowest required fire vehicle access road surface adjacent to the <i>building</i> to the eave of the highest pitched roof, the intersection of the highest roof to the <i>exterior wall</i>, or the top of the highest parapet, whichever yields the greatest distance.</p> <ol style="list-style-type: none">3. The floor level of the lowest <i>story</i> is 30 feet (9144 mm) or less below the lowest level of fire department vehicle access. <p>The number of <i>stories</i> of Group R occupancies constructed in accordance with Sections 510.2 and 510.4 shall be measured from grade plane.</p>	<p>903.3.1.2 NFPA 13R sprinkler systems. Where allowed in buildings of Group R, up to and including four stories in height, automatic sprinkler systems shall be installed throughout in accordance with NFPA 13R, as amended to include small rooms, closets, balconies and attached enclosed garages.</p>	
<p>[F] 903.3.5 Water supplies.</p> <p>Water supplies for <i>automatic sprinkler systems</i> shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the <i>International Plumbing Code</i>. For connections to public waterworks systems, the water supply test used for design of <i>fire protection systems</i> shall be adjusted to account for seasonal and daily pressure fluctuations based on information from the water supply authority and as <i>approved</i> by the fire code official.</p>	<p>903.3.5 Water supplies. Water supplies for automatic sprinkler system shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. Water supplies as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10-psi safety factor.</p>	

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	<p>When any portion of the facility or buildings protected is in excess of 150 feet from a water supply on a public street, as measured by an approved route around the exterior of the facility or building, additional fire hydrants and mains capable of supplying the required fire flow shall be required. Additional hydrant locations shall be based on fire load, internal fire protection systems, required fire flow, vehicular traffic, fire lanes, and other special circumstances. Fire hydrants shall be spaced no farther than six hundred feet (600') in residential areas and three hundred feet (300') in other than residential areas, measured center-on-center. These distances may be modified when sufficient data is provided showing equivalent fire protection can be maintained. Fire hydrants shall be located no closer than three feet (3') nor farther than six feet (6') from a fire lane. Fire supply lines shall be looped systems with no dead-end mains or fire lines greater than one hundred fifty feet (150') in length unless approved by the Fire Marshal.</p>	
<p>[F] 905.1 General. Standpipe systems shall be provided in new <i>buildings</i> and <i>structures</i> in accordance with Sections 905.2 through 905.11. In <i>buildings</i> used for high-piled combustible storage, fire protection shall be in accordance with the <i>International Fire Code</i>.</p>	<p>905.1 General. Standpipe systems shall be provided in new buildings and structures in accordance with Sections 905.2 through 905.11. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 32. All buildings greater than 20,000 square feet, except for Group R-3, shall be equipped with 2 1/2" hose valves stations. The hose valve locations shall be supplied by a minimum 2 1/2" line from the automatic fire sprinkler system. The hose valve stations shall consist of a 2 1/2" valve. A demand of a minimum of 150 GPM shall be included in the hydraulic calculations. Spacing for the hose valves shall be based on one hundred feet (100') hose lay and thirty feet (30') of stream, beginning at the nearest fire department entry door.</p>	
<p>[F] 907.2.1 Group A. A manual <i>fire alarm system</i> that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies where the <i>occupant load</i> due to the assembly occupancy is 300 or more, or where the Group A <i>occupant load</i> is more than 100 <i>persons</i> above or below the <i>lowest level of exit discharge</i>. Group A occupancies not separated from one another in accordance with Section 707.3.10 shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a <i>fire alarm system</i> as required for the Group E occupancy. Exceptions: 1. <i>Manual fire alarm boxes</i> are not required where the <i>building</i> is equipped throughout with an <i>automatic sprinkler system</i> installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the <i>notification zones</i> upon sprinkler water flow.</p>	<p>907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons or more than 100 persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the International Building Code shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for Group E occupancy.</p>	

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<p>2. <i>Manual fire alarm boxes</i> and the associated occupant notification system or emergency voice/alarm communication system are not required for Group A-5 outdoor bleacher-type seating having an <i>occupant load</i> of greater than or equal to 300 and less than 15,000 occupants, provided that all of the following are met:</p> <p>2.1. A public address system with standby power is provided.</p> <p>2.2. Enclosed spaces attached to or within 5 feet (1524 mm) of the outdoor bleacher-type seating compose, in the aggregate, a maximum of 10 percent of the overall area of the outdoor bleacher-type seating or 1,000 square feet (92.9 m²), whichever is less.</p> <p>2.3. Enclosed accessory spaces under or attached to the outdoor bleacher-type seating shall be separated from the bleacher-type seating in accordance with Section 1030.1.1.1.</p> <p>2.4. All <i>means of egress</i> from the bleacher-type seating are open to the outside.</p> <p>3. <i>Manual fire alarm boxes</i> and the associated occupant notification system or emergency voice/alarm communication system are not required for temporary Group A-5 outdoor bleacher-type seating, provided that all of the following are met:</p> <p>3.1. There are no enclosed spaces under or attached to the outdoor bleacher-type seating.</p> <p>3.2. The bleacher-type seating is erected for a period of less than 180 days.</p> <p>3.3. Evacuation of the bleacher-type seating is included in an <i>approved</i> fire safety plan.</p>		
<p>[F] 907.2.1.1 System initiation in Group A occupancies with an occupant load of 1,000 or more.</p> <p>Activation of the fire alarm in Group A occupancies with an <i>occupant load</i> of 1,000 or more shall initiate a signal using an <i>emergency voice/alarm communications</i> system in accordance with Section 907.5.2.2.</p> <p>Exception: Where <i>approved</i>, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed 3 minutes, for the sole purpose of allowing a live voice announcement from an <i>approved, constantly attended location</i>.</p>	<p>907.2.1.1 System Initiation in Group A Occupancies with an Occupant Load of Three Hundred (300) or more. Activation of the fire alarm in Group A occupancies with an occupancy load of three hundred (300) or more shall immediately initiate an approved prerecorded message announcement using an approved voice communication system in accordance with NFPA 72 that is audible above the ambient noise level of the occupancy.</p> <p>Exception: When approved, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three (3) minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended location.</p>	
<p>[F] 907.2.2 Group B.</p>	<p>907.2.2 Group B. A manual fire alarm system, which activate the occupant notification system in accordance with Section 907.5, shall be</p>	

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<p>A manual <i>fire alarm system</i>, which activates the occupant notification system in accordance with Section 907.5, shall be installed in Group B occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none">1. The combined Group B <i>occupant load</i> of all floors is 500 or more.2. The Group B <i>occupant load</i> is more than 100 <i>persons</i> above or below the lowest <i>level of exit discharge</i>.3. The <i>fire area</i> contains an <i>ambulatory care facility</i>. <p>Exception: <i>Manual fire alarm boxes</i> are not required where the <i>building</i> is equipped throughout with an <i>automatic sprinkler system</i> installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the <i>notification zones</i> upon sprinkler water flow.</p>	<p>installed in Group B occupancies where one of the following conditions exists:</p> <ol style="list-style-type: none">1. The combined Group B occupant load of all floors is 500 or more.2. The Group B occupant load is more than 100 persons above or below the level of exit discharge.3. The fire area contains an ambulatory care facility.	
<p>[F] 907.2.3 Group E.</p> <p>A manual <i>fire alarm system</i> that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E occupancies. Where <i>automatic sprinkler systems</i> or <i>smoke detectors</i> are installed, such systems or detectors shall be connected to the <i>building fire alarm system</i>.</p> <p>Exceptions:</p> <ol style="list-style-type: none">1. A manual <i>fire alarm system</i> shall not be required in Group E occupancies with an <i>occupant load</i> of 50 or less.2. Emergency voice/alarm communication systems meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall not be required in Group E occupancies with <i>occupant loads</i> of 100 or less, provided that activation of the manual <i>fire alarm system</i> initiates an <i>approved</i> occupant notification signal in accordance with Section 907.5.3. <i>Manual fire alarm boxes</i> shall not be required in Group E occupancies where all of the following apply:<ol style="list-style-type: none">3.1. Interior <i>corridors</i> are protected by <i>smoke detectors</i>.3.2. Auditoriums, cafeterias, gymnasiums and similar areas are protected by <i>heat detectors</i> or other <i>approved</i> detection devices.3.3. Shops and laboratories involving dusts or vapors are protected by <i>heat detectors</i> or other <i>approved</i> detection devices.3.4. Manual activation is provided from a normally occupied location.4. <i>Manual fire alarm boxes</i> shall not be required in Group E occupancies where all of the following apply:<ol style="list-style-type: none">4.1. The <i>building</i> is equipped throughout with an <i>approved automatic sprinkler system</i> installed in accordance with Section 903.3.1.1.	<p>907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When automatic fire extinguishing systems or automatic fire alarm systems are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in all Group E daycare occupancies. All buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm system.</p>	

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<p>4.2.The emergency voice/alarm communication system will activate on sprinkler waterflow.</p> <p>4.3.Manual activation is provided from a normally occupied location.</p>		
<p>[F] 907.2.4 Group F.</p> <p>A manual <i>fire alarm system</i> that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies where both of the following conditions exist:</p> <ol style="list-style-type: none">1.The Group F occupancy is two or more <i>stories</i> in height.2.The Group F occupancy has a combined <i>occupant load</i> of 500 or more above or below the lowest <i>level of exit discharge</i>. <p>Exception: <i>Manual fire alarm boxes</i> are not required where the <i>building</i> is equipped throughout with an <i>automatic sprinkler system</i> installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the <i>notification zones</i> upon sprinkler water flow.</p>	<p>907.2.4 Group F. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies greater than 75,000 gross square feet or are two or more stories in height.</p>	
<p>[F] 907.2.13 High-rise buildings.</p> <p><i>High-rise buildings</i> shall be provided with an <i>automatic smoke detection system</i> in accordance with Section 907.2.13.1, a fire department communication system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.</p> <p>Exceptions:</p> <ol style="list-style-type: none">1. Airport traffic control towers in accordance with Sections 412 and 907.2.22.2. <i>Open parking garages</i> in accordance with Section 406.5.3. <i>Buildings</i> with an occupancy in Group A-5 in accordance with Section 303.1.4. Low-hazard special occupancies in accordance with Section 503.1.1.5. <i>Buildings</i> with an occupancy in Group H-1, H-2 or H-3 in accordance with Section 415.6. In Group I-1 and I-2 occupancies, the alarm shall sound at a <i>constantly attended location</i> and occupant notification shall be broadcast by the emergency voice/alarm communication system.	<p>907.2.13 High-rise Buildings. Buildings with a floor used for human occupancy located more than fifty-five feet (55') above the lowest level of fire department vehicle access shall be provided with an automatic smoke detection system in accordance with Section 907.2.13.1, a fire department communications system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.</p>	
<p>[F] 907.6.3 Initiating device identification.</p> <p>The <i>fire alarm system</i> shall identify the specific <i>initiating device</i> address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate.</p> <p>Exceptions:</p> <ol style="list-style-type: none">1. <i>Fire alarm systems</i> in single-story <i>buildings</i> less than 22,500 square feet (2090 m²) in area.	<p>907.6.3 Initiating device identification. The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate. A minimum of one audible device shall be installed in each tenant space for automatic fire sprinkler system monitoring systems. Water flow alarm signals shall be silenceable.</p>	

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<div>2. <i>Fire alarm systems</i> that only include <i>manual fire alarm boxes</i>, <i>waterflow initiating devices</i> and not more than 10 additional <i>alarm-initiating devices</i>.</div> <div>3. Special <i>initiating devices</i> that do not support individual device identification.</div> <div>4. <i>Fire alarm systems</i> or devices that are replacing existing equipment.</div>	<div>Exception: Existing systems need not comply unless the total building remodel or expansion exceeds 25% of the original building.</div>	
<div>[F] 910.4 Mechanical smoke removal systems.</div> <div>Mechanical smoke removal systems shall be designed and installed in accordance with Sections 910.4.1 through 910.4.7.</div>	<div>910.4 Mechanical smoke exhaust. Where approved by the fire code official, engineered mechanical smoke removal systems shall be an acceptable alternative to smoke and heat vents. In buildings equipped with an Early Suppression Fast Response (ESFR) sprinkler system or a Class IV sprinkler system, curtain boards and smoke and heat vents are to be eliminated, and an approved mechanical smoke removal system utilized.</div>	
<div>[F] 910.4.3 System design criteria.</div> <div>The mechanical smoke removal system shall be sized to exhaust the <i>building</i> at a minimum rate of two air changes per hour based on the volume of the <i>building</i> or portion thereof without contents. The capacity of each exhaust fan shall not exceed 30,000 cubic feet per minute (14.2 m³/s).</div>	<div>910.4.3 System design criteria. The mechanical smoke removal system shall be sized to exhaust the building at a minimum rate of four (4) air changes per hour based upon the volume of the building or portion thereof without contents. The capacity of each exhaust fan shall not exceed 30,000 cubic feet per minute.</div> <div>Supply air for exhaust fans shall be provided at or near the floor level and shall be sized to provide a minimum of twenty-five percent (25%) of required exhaust. Openings for supply air shall be uniformly distributed around the periphery of the area served. Personnel doors and dock doors shall not be considered as part of the supply air system.</div> <div>This system must de-activate all fans upon initiation of the fire alarm system. The system shall have a manual override system in addition to the vent controls located in the protected area. A separate Fire Department access or key switch may be required at a remote location in the building. Each individual fan shall be capable of being activated by a fireman's override switch located in the pump room. Design of the mechanical smoke and heat removal system shall be based on a minimum of four (4) air changes per hour. When activated by the fire alarm, all other mechanical ventilation systems shall shut down. Fans shall be capable of continuous operation even after main building power has been deactivated.</div> <div>A 3rd party Fire Protection Engineer report may be evaluated on a case-by-case basis. The City of Coppell will not be responsible for the report costs. Submission of the report is not a guarantee that the above system design criteria will not be required to be followed.</div>	
<div>1011.14 Alternating tread devices.</div> <div><i>Alternating tread devices</i> are limited to an element of a <i>means of egress</i> in <i>buildings</i> of Groups F, H and S from a <i>mezzanine</i> not more</div>	<div>Delete section 1011.14 Alternating tread devices in its entirety.</div>	<div>An alternating tread device is extremely difficult to climb up and down. By deleting this section, we are still leaving ladders, ship ladders, and</div>

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than 250 square feet (23 m ²) in area and that serves not more than five occupants; in <i>buildings</i> of Group I-3 from a guard tower, observation station or control room not more than 250 square feet (23 m ²) in area and for access to unoccupiable roofs. <i>Alternating tread devices</i> used as a <i>means of egress</i> shall not have a rise greater than 20 feet (6096 mm) between floor levels or landings.		stairs as compliant options; as well as not having any costs to our contractors associated with this.
1020.2 Construction. <i>Corridors</i> shall be fire-resistance rated in accordance with Table 1020.2. The <i>corridor</i> walls required to be fire-resistance rated shall comply with Section 708 for <i>fire partitions</i> . Exceptions: <div><div>1.</div><div>A <i>fire-resistance rating</i> is not required for <i>corridors</i> in an occupancy in Group E where each room that is used for instruction has not less than one door opening directly to the exterior and rooms for assembly purposes have not less than one-half of the required means of egress doors opening directly to the exterior. Exterior doors specified in this exception are required to be at ground level.</div><div>2.</div><div>A <i>fire-resistance rating</i> is not required for <i>corridors</i> contained within a <i>dwelling unit</i> or <i>sleeping unit</i> in an occupancy in Groups I-1 and R.</div><div>3.</div><div>A <i>fire-resistance rating</i> is not required for <i>corridors</i> in <i>open parking garages</i>.</div><div>4.</div><div>A <i>fire-resistance rating</i> is not required for <i>corridors</i> in an occupancy in Group B that is a space requiring only a single <i>means of egress</i> complying with Section 1006.2.</div><div>5.</div><div><i>Corridors</i> adjacent to the <i>exterior walls</i> of <i>buildings</i> shall be permitted to have unprotected openings on unrated <i>exterior walls</i> where unrated walls are permitted by Table 705.5 and unprotected openings are permitted by Table 705.9.</div></div>	Section 1020.2; add exception 6 to read as follows: <div><div>6.</div><div>In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector shall activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors shall be connected to an approved automatic fire alarm system where such system is provided.</div></div>	<div>See Fire Marshal’s 2024 IFC adoption information.</div>

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15, “OTHER CODES ADOPTED”, ARTICLE 15-3, “MECHANICAL CODE”, TO TITLE IT “RESIDENTIAL CODE” AND TO ADOPT THE INTERNATIONAL RESIDENTIAL CODE, 2024 EDITION, AS THE CITY OF COPPELL RESIDENTIAL BUILDING CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppel, Texas be and the same is hereby amended by amending Chapter 15, Article 15-3, “Residential Code” in part to adopt the International Residential Code, 2024 Edition, to include all appendices, with amendments to read as follows:

“ARTICLE 15-3. RESIDENTIAL CODE”

Sec. 15-3-1. Residential Code - Adopted.

There is hereby adopted the International Residential Code, 2024 Edition, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Section 15-3-2 Amendments.

The following sections of the International Residential Code, 2024 Edition, are hereby amended to read as follows:

1. Amend Section R101.1 to read as follows:

R101.1 Title. These regulations shall be known as the *Building Code* of the City of Coppel, hereinafter referred to as “this code.”

2. Amend Section R103.1 to read as follows:

R103.1 Creation of enforcement agency. The Department of Building Inspections is hereby created and the official in charge thereof shall be known as the *building official*.

3. Section R104.3.2.1 Flood Hazard areas shall be deleted in its entirety.

4. Amend Section R105.2 to read as follows:

R105.2 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 laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,927L) and the ratio of the height to diameter does not exceed 2 to 1.
2. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
3. Prefabricated swimming pools that are less than 24 inches (610mm) deep or have walls entirely above the adjacent grade and if the capacity does not exceed 5,000 gallons (18927 L).
4. Swings and other playground equipment accessory to a one- or two-family dwelling.
5. Window awnings supported by an exterior wall.

5. Amend Section 106.1 to read as follows:

106.1 General. A complete set of construction documents prepared by a registered design professional, special inspections information, and structural observation programs and other data shall be submitted with each permit application through the administrative process in use at the time of application. Where special conditions exist, the building official is authorized to require additional construction documents prepared by a registered design professional.

Exception: The *building official* is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it

is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this code.

5. Amend Section R112.1 to read as follows:

Section R112.1 Building and Standards Commission. In order to hear and decide appeals of orders, decisions or determinations made by the *building official* relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals to be called the Building and Standards Commission. The board of appeals shall be appointed by the applicable governing authority and shall hold office per the posted schedule. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the *building official*.

6. Section R112.3 Qualifications shall be deleted in its entirety.

7. Amend Table R301.2 as follows: (No changes to footnotes)

TABLE R301.2 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY ^f	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP ^e	ICE BARRIER UNDER-LAYMENT ^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					
5 lb/ft	115 (3 sec gust) / 76 fastest mile	No	No	No	A	Moderate	6"	Very Heavy	22 ^o F	No	Local Code	150	64.9 ^o F
MANUAL J DESIGN CRITERIAⁿ													
Elevation		Altitude Correction Factor ^e	Coincident Wet Bulb	Indoor Winter design relative humidity	Indoor Winter Design Dry- Bulb Temperature	Heating Temperature Difference							
597		0.981	22.33	N/A	70	N/A							
Latitude		Daily range	Summer Design Gains	Indoor Summer Design Relative Humidity	Indoor Summer Dry-Bulb Temperature	Cooling Temperature Difference							
32.90N		Medium	24	50%	75	24							

8. Amend Section R308.1, to read as follows:

R308.1 Address identification. Buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is plainly visible from the street or road fronting the property and where an alley exists, the address identification shall be legible and placed in a position that is plainly visible from the alley. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) in height with a stroke width of not less than 0.5 inch (12.7 mm). Where required, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument or other sign or means shall be used to identify the structure. Address identification shall be maintained.

9. Amend Section R309.2 to read as follows:

R309.2 NFPA 13R Sprinkler Systems. When buildings of Group R used for one- and two-family dwellings have a total floor area in excess of 10,000 square feet, including garages and open covered porches, automatic sprinkler systems shall be installed throughout in accordance with NFPA 13R.

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system if under 10,000 square feet. If the addition or alteration increases the square footage over 10,000 square feet it shall also be sprinklered.

10. Amend Section R401.2 by adding a new paragraph following the existing paragraph to read as follows:

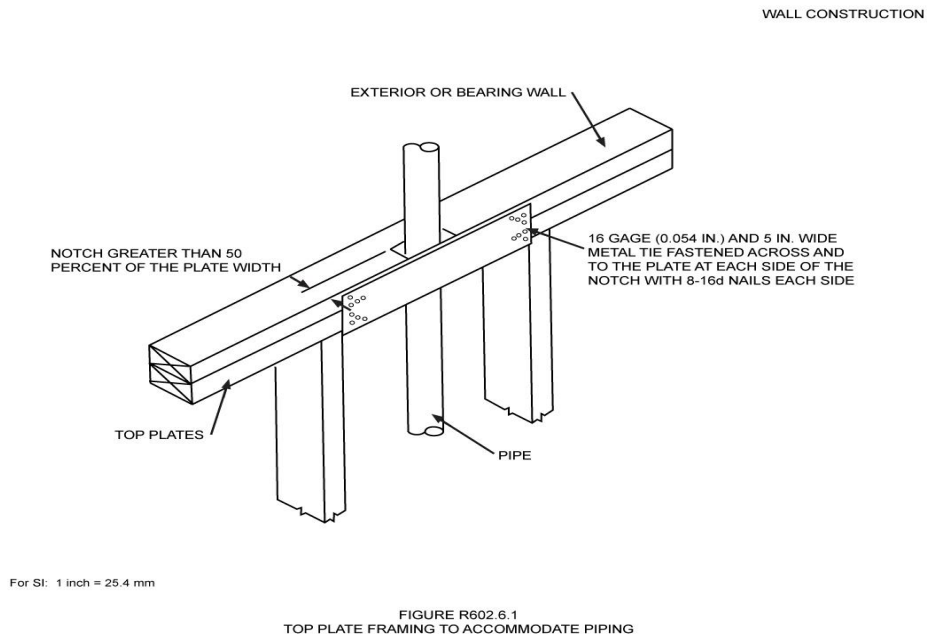
Section R401.2. Requirements. Foundations and/or footings, or any size addition to an existing foundation, regulated by this code shall be designed and sealed by a Texas-registered engineer. Construction shall be capable of accommodating all loads in accordance with Section R301 and of transmitting the resulting loads to the supporting soil. Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice.

11. Amend Section R602.6.1, to read as follows:

R602.6.1 Drilling and Notching of Top Plate. When piping or ductwork is placed in or partly in an exterior wall or interior load-bearing wall, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054 inch thick (1.37 mm) (16 Ga) and 5 inches (127 mm) wide shall be fastened across and to the plate at each side of the opening with not less than eight 10d (0.148 inch diameter) having a minimum length of 1 ½ inches (38 mm) at each side or equivalent. Fasteners will be offset to prevent splitting of the top plate material. The metal tie must extend a minimum of 6 inches past the opening.

See figure R602.6.1. {remainder unchanged}

12. Delete Figure R602.6.1 and insert the following figure:



13. Chapter 11 [RE] – Energy Efficiency is deleted in its entirety and replaced with the following:

N1101.1 Scope. This chapter regulates the energy efficiency for the design and construction of buildings regulated by this code.

N1101.2 Compliance. Compliance shall be demonstrated by meeting the requirements of the residential provisions of 2015 International Energy Conservation Code.

14. Amend Section M1305.1.2, to read as follows:

M1305.1.2 Appliances in attics. *Attics* containing *appliances* requiring access shall be provided . . . {bulk of paragraph unchanged} . . . A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for access to the attic space, provide one of the following:

1. A permanent stair.
2. A pull down stair with a minimum 300 lb. (136 kg) capacity.
3. An access door from an upper floor level.

Exceptions:

1. The passageway and level service space are not required where the appliance can be serviced and removed through the required opening.
2. Where the passageway is unobstructed... {remaining text unchanged}

15. Amend Section G2412.5 (401.5) by adding a second paragraph to read as follows:

Both ends of each section of medium pressure gas piping shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag: "WARNING 1/2 to 5 psi gas pressure Do Not Remove."

16. Amend Section G2413.3 (402.3) by adding an exception to read as follows:

Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2" (18 EDH).

17. Amend Section G2415.12 (404.12) to read as follows:

G2415.12 (404.12) Minimum burial depth. Underground piping systems shall be installed a minimum depth of 18 inches (457 mm) below grade, except as provided for in Section G2415.12.1

18. Amend Section G2415.12.1 (404.12.1) to read as follows:

G2415.12.1 Individual outside appliances. Individual lines to outside lights, grills or other appliances shall be installed a minimum of 12 inches (203 mm) below finished grade.... {Rest unchanged}.

19. Amend Section P2603.5.1 to read as follows:

P2603.5.1 Sewer Depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

20. Create new section Appendix Q to read as follows:

Appendix Q: Sound Transmission and Attenuation Standards

Q101.1 Zone. For the purposes of this code, a noise attenuation area is established, which is a two thousand feet (2,000') measured eastward from the centerline of the Freeport Parkway from its intersection within the northern city limits southward to the southern city limit.

Q101.2 Map. This noise zone shall include such territory or portion of the city as designated and depicted on the noise attenuation zone map (Fig. App K-101.2, a copy of which is on file with the Building Official) and incorporated into this code and made a part of it for all intents and purposes.

Q101.3 Definitions.

Sound Transmission Class (STC) is calculated over the frequency range of 125 to 4,000 Hz and provides a single number rating for determining airborne sound transmission loss of exterior building facades, interior room partitions and other construction elements (such as windows and doors) which are subjected to noise from speech, television, radio, office equipment and other mid to high frequency noise sources. The STC rating is determined in accordance with ASTM E413.

Outdoor-indoor transmission class (OITC) is calculated over the frequency range of 80 to 4,000 Hz and provides a single number rating for determining airborne sound transmission loss of exterior building facades and exterior façade elements (window and doors) which are subject to

transportation noise (aircraft, trains, automobiles, and other low to mid frequency noise sources). The OITC rating is determined in accordance with ASTM E1332.

Q102.1 Certified plans. The building official shall not issue a building permit for any residential building structure for human occupancy or part thereof within the attenuation zone as defined herein unless the plans and specifications accompanying the application for the permit comply with the requirements set forth in this Appendix or the plans are designed by a certified acoustical noise consultant to achieve the noise reduction in section Q103.1 of this Appendix.

Q102.2 Noise consultants. Certified acoustical noise consultants include members of the National Council of Acoustical Consultants and others who are approved by the building official, such approval being based on the demonstration of competence and credentials in the area of architectural acoustics.

Q102.3 Building intrusion in a noise zone. A residential structure which is located partly within the noise attenuation zone and partly outside shall be considered within the most restrictive of the noise zones within which it is located for purposes of this Appendix.

Q103.1 Noise reductions standards. Plans for the construction of buildings within noise attenuation zone shall be certified as achieving at least the outdoor to indoor noise level reductions (NLR) as measured in decibels within the building of 25 NLR in a 2,000-foot zone as measured from the 65 DNL Noise Zone/Freeport Parkway

Q104.1 Noise Level Reduction – 25 Decibels Compliance. Compliance Q104.1 through Q104.8 shall be deemed to meet requirements for a minimum noise level reduction (NLR) of 25 decibels.

Q104.2 Air leakage for all buildings.

- (1) The requirements of this Appendix shall apply to the design of the exterior envelope of all buildings in the designated attenuation zone designed for human occupancy. The

requirements of this section are not applicable to the separation of interior spaces from each other.

- (2) The following locations shall be sealed, caulked, gasketed or weather-stripped to limit or eliminate air infiltration:
 - (a) Exterior joints around windows and door frames between the window or door frame and the framing;
 - (b) Openings between walls and foundations;
 - (c) Between the wall sole plate and the rough flooring;
 - (d) Openings at penetrations of utility services through walls, floor, and roofs;
 - (e) Between wall panels at corners;
 - (f) All other such openings in the building envelope.
- (3) Through the wall, floor, or roof/ceiling penetrations not specifically addressed in these sections shall be designed to limit sound transmission and shall have the same average laboratory sound transmission classification as required for doors.

Q104.3 Exterior walls.

- (1) Exterior walls, other than as described in this section, shall have an average laboratory sound transmission class rating of at least STC-37 and minimum OITC 30;
- (2) Minimum OITC 30;
- (3) Masonry walls having a weight of at least 25 pounds per square foot do not require a furred (stud) interior wall. At least one surface of concrete block walls shall be plastered;
- (4) Stud walls shall be at least four inches in nominal depth and shall be finished on the outside with solid sheathing under an approved exterior wall finish.
 - (a) The interior surface of the exterior walls shall be of gypsum board or plaster at least one-half inch thick, installed on the studs.
 - (b) Continuous composition board, plywood or gypsum board sheathing at least one-half inch thick, or equivalent, shall cover the exterior side of the wall studs.
 - (c) Sheathing panels shall be covered on the exterior with overlapping building paper.
 - (d) Insulation material at least R-13 shall be installed continuously throughout the cavity space behind the exterior sheathing and between wall studs. Insulation shall be glass fiber, mineral wool, or foam plastic insulation.

Q104.4 Exterior windows.

- (1) Windows other than as described in this section shall have a laboratory sound transmission class rating of at least STC-33 and minimum OITC 25; or
- (2) Windows shall have a minimum OITC 25.
- (3) Windows shall be double-glazed with one pane at least three-sixteenths of an inch thick. Panes of glass shall be separated by a minimum of one-half inch airspace.
- (4) All openable windows shall be weather-stripped and airtight when closed so as to conform to an air infiltration test not to exceed 0.5 cubic foot per minute per foot of crack length in accordance with ASTM E-283-65-T.
- (5) Glass shall be sealed in an airtight manner with a nonhardening sealant or a soft elastomer gasket or gasket tape.
- (6) The perimeter of window frames shall be sealed airtight to the exterior wall construction with a sealant conforming to one of the following Federal Specifications: TT-S-00227, TT-S-0230 or TT-SS-00153.

Q104.5 Exterior doors.

- (1) Doors other than as described in this section shall have a laboratory sound transmission class rating of at least STC-27 and minimum OITC 25; or
- (2) Exterior doors shall be minimum OITC 25.
- (3) All exterior side-hinged doors shall be solid-core wood or insulated hollow metal at least one-and-three-quarters inch thick and shall be fully weather-stripped.
- (4) Exterior sliding doors shall be weather-stripped with an efficient airtight gasket system with performance as specified in Q104.4 (3). The glass in the sliding doors shall be double glazed with panes at least three-sixteenths of an inch thick.
- (5) Glass, over two square feet in area, in doors shall be sealed in an airtight sealant or in a soft elastomer gasket or glazing tape.
- (6) The perimeter of door frames shall be sealed airtight to the exterior wall construction as described in Q104.4(5).

Q104.6 Roofs.

- (1) Combined roof and ceiling construction other than described in this section and AK104.7 shall have an average laboratory sound transmission class rating of at least STC-43 and minimum OITC 35; or
- (2) With an attic or rafter space at least 12 inches deep, and with a ceiling below, the roof shall consist of one-half inch composition board, plywood or gypsum board sheathing topped by roofing as required;
- (3) Open-beam roof construction shall follow the energy insulation standard method for batt insulation;
- (4) Window or dome skylights shall have a laboratory sound transmission class rating of at least STC-33 and minimum OITC 25;
- (5) Roof shall have a minimum OITC 35.

Q104.7 Ceilings.

- (1) Gypsum board or plaster ceilings shall be five-eighths of an inch thick. Ceilings shall be substantially airtight with a minimum of penetration.
- (2) Glass fiber, mineral wool, or foam plastic insulation at least R-30 shall be provided above the ceiling between joists.
- (3) Minimum OITC 35.

Q104.8 Ventilation.

- (1) A ventilation system shall be installed that will provide the minimum air circulation and fresh air supply requirements for various uses in occupied rooms without the need to open any windows, doors or other openings to the exterior. The inlet and discharge openings shall be fitted with sheet-metal transfer ducts of at least 20-gauge steel, which shall be lined with one-inch- thick coated glass fiber, and shall be at least five feet long with one 90-degree bend.
- (2) Gravity vent openings in attics shall be as close to code minimum in number and size as practical.
- (3) Bathroom, laundry and similar exhaust ducts connecting the interior space to the outdoors shall contain at least a five-foot length of internal sound-absorbing duct lining. Exhaust ducts less than five feet in length shall be fully lined and shall also meet the provisions of

Q104.2 (3). Each duct shall be provided with a bend in the duct such that there is no direct line of sight through the duct from the venting cross-section to the room-opening cross-section. Duct lining shall be coated glass fiber duct liner at least one inch thick. In areas (i.e., shower rooms) which produce moisture, duct lining shall be made of nonabsorbent material; commercial kitchen exhaust systems and product conveying duct systems shall be exempt.

(4) Fireplaces shall be provided with well-fitted dampers and tightly fitting glass or metal doors.

(5) Through-wall fans and air conditioning units are not allowed.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not

to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

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2024 INTERNATIONAL RESIDENTIAL CODE	AMENDED LANGUAGE	NOTES
[A] 101.1 Title. These regulations shall be known as the <i>Building Code</i> of [NAME OF JURISDICTION] , hereinafter referred to as “this code.”	101.1 Title. These regulations shall be known as the <i>Building Code</i> of the City of Coppell, hereinafter referred to as “this code.”	Amending this section is necessary for the adoption of this code.
R103.1 Creation of agency. The [INSERT NAME OF DEPARTMENT] is hereby created and the official in charge thereof shall be known as the <i>building official</i> . The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.	R103.1 Creation of enforcement agency. The Department of Building Inspections is hereby created and the official in charge thereof shall be known as the <i>building official</i> .	Amending this section is necessary for the adoption of this code as it identifies the title of the department.
R104.2.3.1 Flood hazard areas. The <i>building official</i> shall not grant modifications to any provisions required in flood hazard areas as established by Table R301.2 unless a determination has been made that: <div><div>1.</div><div>There is good and sufficient cause showing that the unique characteristics of the size, configuration or topography of the site render the elevation standards of Section R306 inappropriate.</div><div>2.</div><div>Failure to grant the modification would result in exceptional hardship by rendering the lot undevelopable.</div><div>3.</div><div>The granting of modification will not result in increased flood heights, additional threats to public safety or extraordinary public expense; cause fraud on or victimization of the public; or conflict with existing laws or ordinances.</div><div>4.</div><div>The modification is the minimum necessary to afford relief, considering the flood hazard.</div><div>5.</div><div>Written notice specifying the difference between the design flood elevation and the elevation to which the building is to be built, stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced floor elevation and stating that construction below the design flood elevation increases risks to life and property, has been submitted to the applicant.</div></div>	Section R104.3.2.1 Flood Hazard areas shall be deleted in its entirety.	This is a continuation of our current amendment for this section, which is also a NTCOG recommendation. State law places flood hazard areas under engineering department.
R105.2 Work exempt from permit. Exemption from <i>permit</i> 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 <i>jurisdiction</i> . <i>Permits</i> shall not be required for the following: Building: <div><div>1.</div><div>Other than <i>storm shelters</i>, one-story detached <i>accessory structures</i>, provided that the floor area does not exceed 200 square feet (18.58 m²).</div><div>2.</div><div>Fences not over 7 feet (2134 mm) high.</div><div>3.</div><div><i>Retaining walls</i> that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.</div></div>	R105.2 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 laws or ordinances of this jurisdiction. Permits shall not be required for the following: Building: <div><div>1.</div><div>Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,927L) and the ratio of the height to diameter does not exceed 2 to 1.</div><div>2.</div><div>Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.</div></div>	<div><div>The proposed amendment has been part of our City’s ordinance since we began using the International codes and is in alignment with NTCOG’s recommendations for uniformity with our neighboring municipalities.</div><div>The original verbiage in the IRC is also not in alignment with the Texas Occupations Code for the mechanical, electrical, and plumbing trades. In addition to the Texas Occupations Codes, the Texas Department of Licensing and Regulation has rules for electricians and mechanical contractors, and the Texas State Board of Plumbing Examiners has rules for plumbers. The Occupations Code and each trade’s rules also have requirements for what does and does not require permitting and inspections.</div></div>

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<div><div><div>4. Water tanks supported directly upon <i>grade</i> if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.</div><div>5. Sidewalks and driveways.</div><div>6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.</div><div>7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.</div><div>8. Swings and other playground equipment.</div><div>9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.</div><div>10. Decks not exceeding 200 square feet (18.58 m²) in area, that are not more than 30 inches (762 mm) above <i>grade</i> at any point, are not attached to a <i>dwelling</i> or <i>townhouse</i> and do not serve the exit door required by Section R318.4.</div></div><div><div>Electrical:</div><div><div>1. <i>Listed</i> cord-and-plug connected temporary decorative lighting.</div><div>2. Reinstallation of attachment plug receptacles but not the outlets therefor.</div><div>3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.</div><div>4. Electrical wiring, devices, <i>appliances</i>, apparatus or <i>equipment</i> operating at less than 25 volts and not capable of supplying more than 50 watts of energy.</div><div>5. Minor <i>repair</i> work, including the replacement of lamps or the connection of <i>approved</i> portable electrical equipment to <i>approved</i> permanently installed receptacles.</div></div><div><div>Gas:</div><div><div>1. Portable heating, cooking or clothes drying <i>appliances</i>.</div><div>2. Replacement of any minor part that does not alter approval of <i>equipment</i> or make such <i>equipment</i> unsafe.</div><div>3. Portable-fuel-cell <i>appliances</i> that are not connected to a fixed piping system and are not interconnected to a power grid.</div></div><div><div>Mechanical:</div><div><div>1. Portable heating <i>appliances</i>.</div><div>2. Portable ventilation <i>appliances</i>.</div><div>3. Portable cooling units.</div><div>4. Steam, hot- or chilled-water piping within any heating or cooling <i>equipment</i> regulated by this code.</div><div>5. Replacement of any minor part that does not alter approval of <i>equipment</i> or make such <i>equipment</i> unsafe.</div><div>6. Portable evaporative coolers.</div><div>7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.</div></div></div></div></div></div>	<div><div><div>3. Prefabricated swimming pools that are less than 24 inches (610mm) deep or have walls entirely above the adjacent grade and if the capacity does not exceed 5,000 gallons (18927 L).</div><div>4. Swings and other playground equipment accessory to a one- or two-family dwelling.</div><div>5. Window awnings supported by an exterior wall.</div></div></div>	
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<p>8. Portable-fuel-cell <i>appliances</i> that are not connected to a fixed piping system and are not interconnected to a power grid.</p> <p>Plumbing:</p> <p>1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a <i>permit</i> shall be obtained and inspection made as provided in this code.</p> <p>2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.</p>		
<p>R106.1 Submittal documents.</p> <p>Submittal documents consisting of <i>construction documents</i>, and other data shall be submitted in two or more sets, or in a digital format where allowed by the <i>building official</i>, with each application for a <i>permit</i>. The <i>construction documents</i> shall be prepared by a <i>registered design professional</i> where required by the statutes of the <i>jurisdiction</i> in which the project is to be constructed. Where special conditions exist, the <i>building official</i> is authorized to require additional <i>construction documents</i> to be prepared by a <i>registered design professional</i>.</p> <p>Exception: The <i>building official</i> is authorized to waive the submission of <i>construction documents</i> and other data not required to be prepared by a <i>registered design professional</i> if it is found that the nature of the work applied for is such that reviewing of <i>construction documents</i> is not necessary to obtain compliance with this code.</p>	<p>106.1 General. A complete set of construction documents prepared by a registered design professional, special inspections information, and structural observation programs and other data shall be submitted with each permit application through the administrative process in use at the time of application. Where special conditions exist, the building official is authorized to require additional construction documents prepared by a registered design professional.</p> <p>Exception: The <i>building official</i> is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that reviewing of construction documents is not necessary to obtain compliance with this code.</p>	<p>The amended verbiage is a slight variation on our current verbiage under the adopted 2015 IRC. It has been altered to provide flexibility in our processes, while also creating the legal precedence of compliance with our administrative procedures.</p>
<p>R112.1 General.</p> <p>In order to hear and decide appeals of orders, decisions or determinations made by the <i>building official</i> relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the <i>building official</i>.</p>	<p>Section R112.1 Building and Standards Commission. In order to hear and decide appeals of orders, decisions or determinations made by the <i>building official</i> relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals to be called the Building and Standards Commission. The board of appeals shall be appointed by the applicable governing authority and shall hold office per the posted schedule. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the <i>building official</i>.</p>	<p>This is a continuation of an existing amendment which identifies the BSC as our path for appeals to code interpretations by the Building Official and is in alignment with Texas Municipal Code.</p>
<p>R112.3 Qualifications.</p> <p>The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the <i>jurisdiction</i>.</p>	<p>Section R112.3 Qualifications shall be deleted in its entirety.</p>	<p>This is a continuation of an existing amendment and is necessary for the City to be able to populate the BSC.</p>
	<p>TABLE R301.2</p>	<p>This is amended to include the data specific to our region and is the same for every municipality in our area and NTCOG.</p>
<p>R308.1 Address identification.</p>	<p>R308.1 Address identification. Buildings shall be provided with approved address identification. The address identification shall be</p>	<p>This is a continuation of an existing amendment.</p>

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<p><i>Buildings</i> shall be provided with <i>approved</i> address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) in height with a stroke width of not less than 0.5 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional <i>approved</i> locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the <i>public way</i>, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.</p>	<p>legible and placed in a position that is plainly visible from the street or road fronting the property and where an alley exists, the address identification shall be legible and placed in a position that is plainly visible from the alley. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) in height with a stroke width of not less than 0.5 inch (12.7 mm). Where required, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument or other sign or means shall be used to identify the structure. Address identification shall be maintained.</p>	
<p>R309.2 One- and two-family dwellings automatic sprinkler systems. An automatic sprinkler system shall be installed in one- and two-family <i>dwellings</i>. Exception: An automatic sprinkler system shall not be required for <i>additions</i> or <i>alterations</i> to <i>existing buildings</i> that are not already provided with a sprinkler system.</p>	<p>R309.2 NFPA 13R Sprinkler Systems. When buildings of Group R used for one- and two-family dwellings have a total floor area in excess of 10,000 square feet, including garages and open covered porches, automatic sprinkler systems shall be installed throughout in accordance with NFPA 13R. Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system if under 10,000 square feet. If the addition or alteration increases the square footage over 10,000 square feet it shall also be sprinklered.</p>	<p>This was R313.2, is from our previous amendments to the IRC, and is a NTCOG recommendation. State law prevents the requirement for a fire suppression system in residential construction unless the municipality had a specific ordinance prior to the state law taking effect.</p>
<p>R401.2 Requirements. Foundation construction shall be capable of accommodating all loads in accordance with Section R301 and of transmitting the resulting loads to the supporting soil. Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice.</p>	<p>Section R401.2. Requirements. Foundations and/or footings, or any size addition to an existing foundation, regulated by this code shall be designed and sealed by a Texas-registered engineer. Construction shall be capable of accommodating all loads in accordance with Section R301 and of transmitting the resulting loads to the supporting soil. Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice.</p>	<p>This is a continuation of an existing amendment.</p>
<p>R602.6.1 Drilling and notching of top plate. Where piping or ductwork is placed in or partly in an exterior wall or interior <i>load-bearing wall</i>, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054 inch thick (1.37 mm) (16 ga) and 1½ inches (38 mm) wide shall be fastened across and to the plate at each side of the opening with not less than eight 10d (0.148 inch diameter) nails having a minimum length of 1½ inches (38 mm) at each side or equivalent. The metal tie must extend not less than 6 inches past the opening. See Figure R602.6.1. Exception: Where the entire side of the wall with the notch or cut is covered by <i>wood structural panel</i> sheathing.</p>	<p>R602.6.1 Drilling and Notching of Top Plate. When piping or ductwork is placed in or partly in an exterior wall or interior load-bearing wall, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054 inch thick (1.37 mm) (16 Ga) and 5 inches (127 mm) wide shall be fastened across and to the plate at each side of the opening with not less than eight 10d (0.148 inch diameter) having a minimum length of 1½ inches (38 mm) at each side or equivalent. Fasteners will be offset to prevent splitting of the top plate material. The metal tie must extend a minimum of 6 inches past the opening. See figure R602.6.1. {remainder unchanged}</p>	<p>This has been a NTCOG recommendation since the International codes first came out in 2000 and has been a part of our ordinance since then. Although it deviates from the engineered principles of the American Wood Council (the source of all wood construction in the International codes) it has been such a part of the local construction industry, removing this amendment would cause confusion.</p>
	<p>Chapter 11 [RE] – Energy Efficiency is deleted in its entirety and replaced with the following: N1101.1 Scope. This chapter regulates the energy efficiency for the design and construction of buildings regulated by this code.</p>	<p>This is a continuation of an existing amendment and is more stringent than state law.</p>

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	N1101.2 Compliance. Compliance shall be demonstrated by meeting the requirements of the residential provisions of 2015 International Energy Conservation Code.	
M1305.1.2 Appliances in attics. <i>Attics</i> containing <i>appliances</i> shall be provided with an opening and a clear and unobstructed passageway large enough to allow removal of the largest <i>appliance</i> , but not less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 20 feet (6096 mm) long measured along the centerline of the passageway from the opening to the <i>appliance</i> . The passageway shall have continuous solid flooring in accordance with Chapter 5 not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present along all sides of the <i>appliance</i> where access is required. The clear access opening dimensions shall be not less than of 20 inches by 30 inches (508 mm by 762 mm), and large enough to allow removal of the largest <i>appliance</i> . Exceptions: <ol style="list-style-type: none">1. The passageway and level service space are not required where the <i>appliance</i> can be serviced and removed through the required opening.2. Where the passageway is unobstructed and not less than 6 feet (1829 mm) high and 22 inches (559 mm) wide for its entire length, the passageway shall be not more than 50 feet (15 250 mm) long.	M1305.1.2 Appliances in attics. <i>Attics</i> containing <i>appliances</i> requiring access shall be provided . . . {bulk of paragraph unchanged} . . . A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for access to the attic space, provide one of the following: <ol style="list-style-type: none">1. A permanent stair.2. A pull down stair with a minimum 300 lb. (136 kg) capacity.3. An access door from an upper floor level. Exceptions: <ol style="list-style-type: none">1. The passageway and level service space are not required where the appliance can be serviced and removed through the required opening.2. 2. Where the passageway is unobstructed... {remaining text unchanged}	This is a continuation of an existing amendment and NTCOG recommendation.
G2412.5 (401.5) Identification. For other than steel <i>pipe</i> and CSST, exposed <i>piping</i> shall be identified by a yellow <i>label</i> marked “Gas” in black letters. The marking shall be spaced at intervals not exceeding 5 feet (1524 mm). The marking shall not be required on piping located in the same room as the <i>appliance</i> served. CSST shall be identified as required by ANSI LC1/CSA 6.26.	Amend Section G2412.5 (401.5) by adding a second paragraph to read as follows: Both ends of each section of medium pressure gas piping shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag: "WARNING 1/2 to 5 psi gas pressure Do Not Remove."	This is a continuation of an existing amendment and NTCOG recommendation.
G2413.3 (402.3) Sizing. <i>Gas piping</i> shall be sized in accordance with one of the following: <ol style="list-style-type: none">1. <i>Pipe</i> sizing tables or sizing equations in accordance with Section G2413.4 or G2413.5, as applicable.2. The sizing tables included in a <i>listed piping</i> system’s manufacturer’s installation instructions.3. <i>Approved engineering methods</i>.	Amend Section G2413.3 (402.3) by adding an exception to read as follows: Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2" (18 EDH).	This is a continuation of an existing amendment and NTCOG recommendation.
G2415.12 (404.12) Minimum burial depth. Underground <i>piping systems</i> shall be installed a minimum depth of 12 inches (305 mm) below grade, except as provided for in Section G2415.12.1.	G2415.12 (404.12) Minimum burial depth. Underground piping systems shall be installed a minimum depth of 18 inches (457 mm) below grade, except as provided for in Section G2415.12.1	This is a continuation of an existing amendment and NTCOG recommendation.
G2415.12.1 (404.12.1)Individual outdoor appliances. Individual lines to outdoor lights, grills and other <i>appliances</i> shall be installed not less than 8 inches (203 mm) below finished grade,	G2415.12.1 Individual outside appliances. Individual lines to outside lights, grills or other appliances shall be installed a minimum of 12 inches (203 mm) below finished grade.... {Rest unchanged}.	This is a continuation of an existing amendment and NTCOG recommendation.

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provided that such installation is <i>approved</i> and is installed in locations not susceptible to physical damage.		
P2603.5.1 Sewer depth. <i>Building sewers</i> that connect to private sewage disposal systems shall be not less than [NUMBER] inches (mm) below finished grade at the point of septic tank connection. <i>Building sewers</i> shall be not less than [NUMBER] inches (mm) below grade.	P2603.5.1 Sewer Depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.	This is a continuation of an existing amendment and NTCOG recommendation.
	Create new section Appendix Q to read as follows: Appendix Q: Sound Transmission and Attenuation Standards Q101.1 Zone. For the purposes of this code, a noise attenuation area is established, which is a two thousand feet (2,000’) measured eastward from the centerline of the Freeport Parkway from its intersection within the northern city limits southward to the southern city limit. Q101.2 Map. This noise zone shall include such territory or portion of the city as designated and depicted on the noise attenuation zone map (Fig. App K-101.2, a copy of which is on file with the Building Official) and incorporated into this code and made a part of it for all intents and purposes. Q101.3 Definitions. <i>Sound Transmission Class (STC)</i> is calculated over the frequency range of 125 to 4,000 Hz and provides a single number rating for determining airborne sound transmission loss of exterior building facades, interior room partitions and other construction elements (such as windows and doors) which are subjected to noise from speech, television, radio, office equipment and other mid to high frequency noise sources. The STC rating is determined in accordance with ASTM E413. <i>Outdoor-indoor transmission class (OITC)</i> is calculated over the frequency range of 80 to 4,000 Hz and provides a single number rating for determining airborne sound transmission loss of exterior building facades and exterior façade elements (window and doors) which are subject to transportation noise (aircraft, trains, automobiles, and other low to mid frequency noise sources). The OITC rating is determined in accordance with ASTM E1332. Q102.1 Certified plans. The building official shall not issue a building permit for any residential building structure for human occupancy or part thereof within the attenuation zone as defined herein unless the plans and specifications accompanying the application for the permit comply with the requirements set forth in this Appendix or the plans are designed by a certified acoustical noise consultant to achieve the noise reduction in section Q103.1 of this Appendix. Q102.2 Noise consultants. Certified acoustical noise consultants include members of the National Council of Acoustical Consultants and others who are approved by the building official, such approval being based on the demonstration of competence and credentials in the area of architectural acoustics.	This is a continuation of an existing amendment.

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	<p>Q102.3 Building intrusion in a noise zone. A residential structure which is located partly within the noise attenuation zone and partly outside shall be considered within the most restrictive of the noise zones within which it is located for purposes of this Appendix.</p> <p>Q103.1 Noise reductions standards. Plans for the construction of buildings within noise attenuation zone shall be certified as achieving at least the outdoor to indoor noise level reductions (NLR) as measured in decibels within the building of 25 NLR in a 2,000-foot zone as measured from the 65 DNL Noise Zone/Freeport Parkway</p> <p>Q104.1 Noise Level Reduction – 25 Decibels Compliance. Compliance Q104.1 through Q104.8 shall be deemed to meet requirements for a minimum noise level reduction (NLR) of 25 decibels.</p> <p>Q104.2 Air leakage for all buildings.</p> <p>(1) The requirements of this Appendix shall apply to the design of the exterior envelope of all buildings in the designated attenuation zone designed for human occupancy. The requirements of this section are not applicable to the separation of interior spaces from each other.</p> <p>(2) The following locations shall be sealed, caulked, gasketed or weather-stripped to limit or eliminate air infiltration:</p> <p>(a) Exterior joints around windows and door frames between the window or door frame and the framing;</p> <p>(b) Openings between walls and foundations;</p> <p>(c) Between the wall sole plate and the rough flooring;</p> <p>(d) Openings at penetrations of utility services through walls, floor, and roofs;</p> <p>(e) Between wall panels at corners;</p> <p>(f) All other such openings in the building envelope.</p> <p>(3) Through the wall, floor, or roof/ceiling penetrations not specifically addressed in these sections shall be designed to limit sound transmission and shall have the same average laboratory sound transmission classification as required for doors.</p> <p>Q104.3 Exterior walls.</p> <p>(1) Exterior walls, other than as described in this section, shall have an average laboratory sound transmission class rating of at least STC-37 and minimum OITC 30;</p> <p>(2) Minimum OITC 30;</p> <p>(3) Masonry walls having a weight of at least 25 pounds per square foot do not require a furred (stud) interior wall. At least one surface of concrete block walls shall be plastered;</p>	
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	<p>(4) Stud walls shall be at least four inches in nominal depth and shall be finished on the outside with solid sheathing under an approved exterior wall finish. The interior surface of the exterior walls shall be of gypsum board or plaster at least one-half inch thick, installed on the studs.</p> <p>Continuous composition board, plywood or gypsum board sheathing at least one-half inch thick, or equivalent, shall cover the exterior side of the wall studs.</p> <p>Sheathing panels shall be covered on the exterior with overlapping building paper.</p> <p>Insulation material at least R-13 shall be installed continuously throughout the cavity space behind the exterior sheathing and between wall studs. Insulation shall be glass fiber, mineral wool, or foam plastic insulation.</p> <p>Q104.4 Exterior windows.</p> <p>(1) Windows other than as described in this section shall have a laboratory sound transmission class rating of at least STC-33 and minimum OITC 25; or</p> <p>(2) Windows shall have a minimum OITC 25.</p> <p>(3) Windows shall be double-glazed with one pane at least three-sixteenths of an inch thick. Panes of glass shall be separated by a minimum of one-half inch airspace.</p> <p>(4) All openable windows shall be weather-stripped and airtight when closed so as to conform to an air infiltration test not to exceed 0.5 cubic foot per minute per foot of crack length in accordance with ASTM E-283-65-T.</p> <p>(5) Glass shall be sealed in an airtight manner with a nonhardening sealant or a soft elastomer gasket or gasket tape.</p> <p>(6) The perimeter of window frames shall be sealed airtight to the exterior wall construction with a sealant conforming to one of the following Federal Specifications: TT-S-00227, TT-S-0230 or TT-SS-00153.</p> <p>Q104.5 Exterior doors.</p> <p>(1) Doors other than as described in this section shall have a laboratory sound transmission class rating of at least STC-27 and minimum OITC 25; or</p>	
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	<p>(2) Exterior doors shall be minimum OITC 25.</p> <p>(3) All exterior side-hinged doors shall be solid-core wood or insulated hollow metal at least one-and-three-quarters inch thick and shall be fully weather-stripped.</p> <p>(4) Exterior sliding doors shall be weather-stripped with an efficient airtight gasket system with performance as specified in Q104.4 (3). The glass in the sliding doors shall be double glazed with panes at least three-sixteenths of an inch thick.</p> <p>(5) Glass, over two square feet in area, in doors shall be sealed in an airtight sealant or in a soft elastomer gasket or glazing tape.</p> <p>(6) The perimeter of door frames shall be sealed airtight to the exterior wall construction as described in Q104.4(5).</p> <p>Q104.6 Roofs.</p> <p>(1) Combined roof and ceiling construction other than described in this section and AK104.7 shall have an average laboratory sound transmission class rating of at least STC-43 and minimum OITC 35; or</p> <p>(2) With an attic or rafter space at least 12 inches deep, and with a ceiling below, the roof shall consist of one-half inch composition board, plywood or gypsum board sheathing topped by roofing as required;</p> <p>(3) Open-beam roof construction shall follow the energy insulation standard method for batt insulation;</p> <p>(4) Window or dome skylights shall have a laboratory sound transmission class rating of at least STC-33 and minimum OITC 25;</p> <p>(5) Roof shall have a minimum OITC 35.</p> <p>Q104.7 Ceilings.</p> <p>(1) Gypsum board or plaster ceilings shall be five-eighths of an inch thick. Ceilings shall be substantially airtight with a minimum of penetration.</p> <p>(2) Glass fiber, mineral wool, or foam plastic insulation at least R-30 shall be provided above the ceiling between joists.</p> <p>(3) Minimum OITC 35.</p> <p>Q104.8 Ventilation.</p> <p>(1) A ventilation system shall be installed that will provide the minimum air circulation and fresh air supply requirements for various uses in occupied rooms without the need to open any windows, doors or other openings to the exterior. The inlet and discharge openings shall be</p>	
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CITY OF COPPELL

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CITY OF COPPELL

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-4 “PLUMBING CODE” TO TITLE IT “ELECTRICAL CODE” AND TO ADOPT THE NATIONAL ELECTRICAL CODE, 2023 EDITION, AS THE CITY OF COPPELL ELECTRICAL CODE; PROVIDING AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 2023 EDITION AND ADMINISTRATIVE PROVISIONS; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the City of Coppel Code of Ordinances be, and the same is, hereby amended by amending Chapter 15, Article 15-4, in part to adopt the National Electrical Code, 2023 Edition, with amendments to read as follows:

**"CHAPTER 15-4. NATIONAL ELECTRICAL
CODE**

Sec. 15-4-1. National Electrical Code -Adopted.

There is hereby adopted by the City of Coppel, Texas, the National Electrical Code, 2023 Edition, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-4-2. Amendments:

The following sections of the National Electrical Code, 2023 Edition, and administrative provisions for the National Electrical Code, 2023 edition, are hereby amended to read as follows:

1. Article 90.4 Enforcement add the sections B, though I to read as follows:

1. *Article 90.4 Enforcement add the sections B, though I to read as follows:*

(A) *Enforcement.* Existing language to remain.

(B) *Supervision of Work.* In the actual work of installing, maintaining, altering, or repairing any electrical conductors or equipment for which requires a permit, apprentice electricians must have on-site supervision (as defined by Texas Administrative Code, Title 16, Chapter 73, Subsection 73.10) provided by a TDLR- issued journeyman or master electrician license holder.

(C) *Powers and Duties of building official.*

1. *General.* The Chief Building Official and designee are hereby authorized to enforce all the provisions of this Code. They shall cause a record to be kept of all permits issued and inspections made.
2. *Deputies.* In accordance with prescribed procedures and with the approval of the appointing authority, the Chief Building Official may appoint designees as their deputies with powers and duties as designated by the Chief Building Official.
3. *Reference to Inspector/Electrical Inspector.* References to "Inspector" and "Electrical Inspector" in this Code shall mean the Chief Building Official or designee authorized to perform inspections.
4. *Right of entry.* Where it is necessary to make an inspection to enforce the provisions of this code, or where the Chief Building Official has reasonable cause to believe that there exists in a structure or upon a premises a condition that is contrary to or in violation of this code that makes the structure or premises unsafe, dangerous or hazardous, the Chief Building Official or designee is authorized to enter the structure or premises at reasonable times to inspect or to perform the duties imposed by this code, provided that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises is unoccupied, the Chief Building Official or designee shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If entry is refused, the Chief Building Official or designee shall have recourse to the remedies provided by law to secure entry.
5. *Notice.* When any order or notice is issued pursuant to the provisions of this Code to any person who cannot be found after a reasonable search, such order or notice may be served by posting it in a conspicuous place upon the premises occupied by that person or upon the premises where the defects are alleged to exist. Such posting of the notice shall be considered equivalent to personal service of such order or notice. An order sent by mail in a sealed envelope with postage prepaid and directed to the address of the contractor, owner, lessee, or occupant of the premises shall be equivalent to personal service of such order. The Chief Building Official and their designees are hereby empowered to attach to the nearest electrical cabinet or equipment feeding defective or hazardous wiring, any official notice or seal to prevent use of electricity in that area, and it shall be unlawful for any other person to place or attach such seal, or to break, change, destroy, tear, mutilate, cover

or otherwise deface or injure any such official notice or seal posted by the Chief Building Official or their designee.

6. *Stop Work Orders.* Whenever any work is being done contrary to the provisions of this Code, the Chief Building Official may order the work stopped by notice in writing served on any persons engaged in the doing or causing such work to be done, and any such persons shall forthwith stop such work until authorized by the Chief Building Official to proceed with the work.
7. *Authority to disconnect utilities in emergencies.* The Chief Building Official or their designee shall have the authority to disconnect any electric power or energy service supplied to the building, structure or building service equipment therein regulated by this Code in case of emergency where necessary to eliminate an immediate hazard to life or property, or, where there is a violation of the temporary electric connection per section 85-6(b). The Chief Building Official or their designee shall, whenever possible, notify the serving utility, the owner and occupant of the building, structure or building service equipment, in writing, of such disconnection immediately thereafter.
8. *Authority to condemn electrical system and equipment.* Whenever the Chief Building Official or designee ascertains that any electrical system or equipment regulated in this code has become hazardous to life, health or property, they may order in writing that such electrical system or equipment either be removed or restored to a safe condition, whichever is appropriate. The written notice itself shall fix a time limit for compliance with such order. No person shall use or maintain defective electrical system or equipment after receiving such notice. When such equipment or installation is to be disconnected, a written notice of such disconnection and causes therefore shall be given within 24 hours of the order to disconnect to the serving utility, the owner and occupant of such building, structure or premises. When any electrical system or equipment is maintained in violation of this code and in violation of any notice issued pursuant to the provisions of this section, the Chief Building Official or designee shall institute any appropriate action to prevent, restrain, correct, or abate the violation.
9. *Connection after order to disconnect.* No person shall make connections from any energy or power supply nor supply power to any electrical system or equipment which has been disconnected or ordered to be disconnected by the Chief Building Official or designee; the use of which has been ordered to be discontinued until the Chief Building Official or designee authorizes the reconnection and use of such electrical system or equipment.
10. *Liability.* The Chief Building Official and their designees charged with the enforcement of this code, acting in good faith and without malice in the discharge of his duties, shall not thereby render themselves personally liable for any damage that may accrue to persons or property as a result of any act or by reason of any act or omission in the discharge of their duties. Any suit brought against the Chief Building Official or their designees because of such act or omission performed by them in the enforcement of any provision of this code shall be defended by legal counsel provided by this jurisdiction until final termination of such proceedings. This code shall not be construed

to relieve from or lessen the responsibility of any person owning, operating, or controlling any building, structure or building service equipment therein for any damages to persons or property caused by defects, nor shall the code enforcement agency or its parent jurisdiction be held as assuming any such liability by reason of the inspections authorized by the code or approvals issued under this code.

11. *Appeals.* Any person, firm, or corporation may file an appeal through the Building Inspections department for the Board of Adjustment to review any decision of the Chief Building Official, provided that such appeal is made in writing within (5) days of receiving the notification by the Chief Building Official or their designee. The Board of Adjustment shall meet within a reasonable time following receipt of such appeal to hear the appeal and render a decision and findings in writing to the appellant with a duplicate copy to the Chief Building Official or designee.

(D) *Electrical License and Registration.*

1. *Registration required.* It shall be unlawful for any person, firm, or corporation who is not registered as a qualified electrician in the City of Coppell to engage in work regulated by this code. Prior to the approval of any permit to do work regulated by this code, the applicant for such permit must first register with the Building Inspection Department.
2. *Application for Registration.* A person, firm, or corporation who desires to register as an electrician in the City of Coppell shall complete the appropriate application and provide the following information:
 - (a) A current master electrician or master sign electrician license issued by the TDLR (Texas Department of Licensing and Regulation).
 - (b) A form of picture identification.
 - (c) Business identification to include the business name, business owner(s), address, and telephone number.
 - (d) Copy of liability insurance (minimum of \$1 million coverage).
3. *Issuance and Term of Registration.* Upon satisfactory completion of the requirements and payment of applicable fees as specified by the City of Coppell Master Fee Schedule for registration as an electrician, as classified, the chief building official may approve such registration. An approved registration is valid for a period of not more than one (1) year and shall terminate at the end of each calendar year.
4. *Transfer of registration.* It shall be unlawful for any person, firm, or corporation to lend, rent, or transfer an electrical contractor registration issued by the City of Coppell to another person firm, or corporation for any purpose.
5. *Revocation of registration.* An electrical registration issued by the City of Coppell may be revoked by the Chief Building Official for the following:
 - (a) Falsification of any portion of an application for registration with intent to defraud.

- (b) Any person, firm, or corporation who, after being found guilty in municipal court of violations of this code, is unwilling to make appropriate corrections to the satisfaction of the Chief Building Official or his designee.
 - (c) Threatening or abusive behavior to City staff or City representatives.
 - (d) Notice of revocation of electrical registration. The Chief Building Official or designee shall provide proper notice in writing to the person, firm or corporation holding a revoked electrical contractor registration. Notice shall be deemed effective on the post date of certified mail.
 - (e) Appeal of revocation. In the event that any person, firm, or corporation shall appeal the decision of the Chief Building Official or designee to revoke an electrical registration, a request for a public hearing of the matter shall be made in writing to the Chairman of the Building and Standards Commission within five (5) days of receipt of notice of revocation. The Building and Standards Commission shall meet to consider an appeal of revocation within a reasonable time of receipt of a written request.
- 6. *False Representation as to Registration Unlawful.* It shall be unlawful for any person, firm, or corporation to represent themselves or a business as an electrician or electrical contractor in the City of Coppell without having first properly registered with the Building Inspection Department.
- 7. *Electrical Company Vehicles to Be Marked.* All electrical contractors' vehicles engaged in doing work in the City of Coppell shall have signs permanently affixed to both sides of the vehicle indicating the company name of the electrical contractor.
- 8. *Supervision.* The actual work of installing, maintaining, altering, or repairing of electrical work for which a permit is required by this Code shall have supervision by a licensed master or journeyman electrician as provided by this Code. In the event the owner of electrical contracting business is not a licensed master electrician, their master electrician of record shall be the person responsible for, and supervising, the electrical work done. Should such supervision not be constantly provided, the Chief Building Official or their designee may order the work being done by such electrical contractor to be removed and replaced under the proper supervision.
- 9. *License display.* Each holder of a master, journeyman or specialist license shall carry evidence of proper license on their person at all times while doing electrical work, and shall produce and exhibit same when requested by any officer of the City.
- 10. *Exception from Licensing and Registration.* Persons who are not registered electricians may carry out the following classes of work:
 - (a) The installation, alteration, or repairing of any wiring, devices, or equipment for signaling, remote control, or the transmission of information, provided such are inherently power limited and have a maximum nameplate rating not exceeding one volt-ampere.

- (b) Electrical work done by a property owner in a building owned and occupied by them is thereby classified as their homestead. Where the electrical work done by property owner is deemed by the Chief Building Official or designee to be hazardous to persons or property, and the repair thereof is beyond the skills and electrical knowledge of the property owner as deemed by the Chief Building Official or designee, the Chief Building Official may void the permit and/or registration obtained by the homeowner. In such an event, the electrical work shall only be completed by a licensed electrical contractor, registered with the City of Coppell, through a new permit.
 - (c) Application for permit. To obtain a permit, the applicant shall first file an application with the Building Inspection Department for that purpose.
- 11. *Plans and specifications.* With each application for a permit, and where required by the Chief Building Official or designee for enforcement of any provision of this Code, plans, specifications, and calculations shall be submitted. When deemed necessary to ensure code compliance, the Chief Building Official or designee may require plans and specifications to be prepared and designed by an engineer licensed by the State of Texas.
- 12. *Information on plans and specifications.* Plans and specifications shall be drawn to scale and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and all relevant laws, ordinances, rules, and regulations.
- 13. *Permits issuance.* After all review requirements have been met and have been approved by the Chief Building Official or their designee, and the fees specified by the City of Coppell Master Fee Schedule for the proposed scope of work have been paid, the Chief Building Official or designee may issue the permit to the applicant. When the Chief Building Official or designee issues the permit where plans are required, they shall endorse in writing or stamp the plans and specifications as stated in the currently adopted edition of the International Building Code. Such approved plans and specifications shall not be changed, modified, or altered, and all work shall be done in accordance with the approved plans. Any deviations from the city-stamped plans must be submitted to and approved by the City prior to execution of the changes in field.
- 14. *Validity of permit.* The issuance of a permit or approval of plans and specifications shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code, or of any other ordinance of the City, nor shall the issuance of a permit or approval of plans be construed as representing or warranting the safety or lack of defects of any electrical work described therein. No permit presuming to give authority to violate or cancel the provisions of these Codes shall be valid. The issuance of a permit based upon plans, specifications, and other data shall not prevent the Chief Building Official or designee from thereafter requiring the correction of errors in said plans, specifications, and other data, or from preventing building operations being carried on thereunder when in violation of these codes or of any other ordinances of the City. Work on a property

may not commence until the issued permit is posted in a conspicuous location visible from the main street that the structure or property is addressed from.

15. *Expiration.* Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. The Chief Building Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.
16. *Suspension or revocation.* The Chief Building Official or designee may, in writing, suspend or revoke a permit issued under the provisions of this code whenever the permit is issued in error or on the basis of incorrect information supplied, or in violation of any ordinance or regulation of the City.
17. *Fees.* Permit fees shall be levied in the amounts specified by the City of Coppel, Master Fee Schedule approved by city council.

(E) *Inspections.*

1. *General.* All electrical systems and equipment for which a permit is required by this code shall be subject to inspection by the Chief Building Official or designee. No portion of any electrical system intended to be concealed shall be concealed until inspected and approved. The Chief Building Official, their designee, nor the City shall be liable for expense entailed in the removal or replacement of any material necessary to allow inspection. When the installation of an electrical system and equipment is complete, an additional and final inspection shall be made. Electrical systems and equipment regulated by this code shall not be connected to the energy source until authorized by the Chief Building Official or designee.
2. *Inspection requests.* It shall be the duty of the permit holder to request the scope of work to be inspected through the appropriate process. Every request for inspection must be filed at least one working day before such inspection is desired. It shall be the duty of the permit holder to provide access to and means for proper inspection of such work.
3. *Other inspections.* In addition to the inspections required by this code, the Chief Building Official or designee may make or require other inspections of any work to ascertain compliance with the provisions of this Code and other laws which are enforced by the Code enforcement agency.
4. *Reinspections.* A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when required corrections are not made. This provision is not to be interpreted as requiring reinspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or reinspection or when required corrections are not made. Reinspection fees may be assessed when the approved plans are not readily available to the Inspector, for failure to provide access on the date for which inspection is requested, or for deviating from the city-approved plans. In instances where

reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

(F) *Service Connections.*

1. *Connection approval.* An electrical system or equipment regulated by this code for which a permit is required shall not be connected to a source of energy or power until approved by the Chief Building Official or designee.
2. *Temporary connections.* The Chief Building Official or designee may authorize the temporary connection of the electrical system or equipment to the source of energy or power for the purpose of testing the equipment, or for the use under a temporary Certificate of Occupancy.
3. *Authorized connection.* When new electrical meters are installed or existing electrical meters are to be relocated, the disconnection, connection or reconnection to the meter shall be made only by authorized employees of the utility purveyor.

(G) *Violations.* It shall be unlawful for any person, firm, or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert, demolish, equip, use or maintain any electrical system or equipment or cause or permit the same to be done in violation of this Code. The issuance or granting of a permit or approval of plans and specifications or the completion or approval of an inspection shall not be deemed or construed to be a permit for, or an approval of, any violation of any of the provisions of this Code. No permit presuming to give authority to violate or cancel the provisions of this Code shall be valid, except insofar as the work or use which is authorized is lawful.

2. *Article 100, Part I definitions shall be added or amended to read as follows:*

Definitions.

Board of Adjustment. The Board of Adjustment shall be as appointed by the City Council of the City of Coppell.

Building Code is the International Building Code, as adopted by the City of Coppell. Chief Building Official (building official) is the officer charged with the administration and enforcement of this Code, or his duly authorized representative, and is the authority having jurisdiction for this Code.

Code Enforcement Agency is the department, division or agency of the City of Coppell charged with the function of Code Enforcement and shall be under the administration and operational control of the building official.

Engineering Supervision: Supervision by a Qualified State of Texas Licensed Professional Engineer engaged primarily in the design or maintenance of electrical installations.

Electrical Code is the National Electrical Code, 2023 edition promulgated by the National Fire Protection Association, as adopted by the City of Coppell.

2. **Amend Article 480.10 to include new subsection H as follows:**

(H) Elevation from grade. Storage batteries located in an area subject to vehicle movement must be elevated 48" (1219.2 mm) above finished floor or protected from vehicular impact by a 6" (152.4 mm) curb or 3" (76.2 mm) bollard.

3. Amend Article 625.50 to read as follows:

Article 625.50 Location. The EVSE shall be located for direct electrical coupling of the EV connector (conductive or inductive) to the electric vehicle. The coupling means of the EVSE and all equipment not flush with the wall shall be not less than 48" (1219.2 mm) above the floor for locations in a garage, and 24" (600 mm) for outdoor locations. This does not apply to portable EVSE constructed in accordance with 625.44(A).

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective January 1, 2023.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

CITY OF COPPELL

2023 NATIONAL ELECTRICAL CODE	AMENDED LANGUAGE	NOTES
	<div>1. <i>Article 90.4 Enforcement add the sections B, though I to read as follows:</i></div> <div>(A)<i>Enforcement.</i> Existing language to remain.</div> <div>(B) <i>Supervision of Work.</i> In the actual work of installing, maintaining, altering, or repairing any electrical conductors or equipment for which requires a permit, apprentice electricians must have on-site supervision (as defined by Texas Administrative Code, Title 16, Chapter 73, Subsection 73.10) provided by a TDLR- issued journeyman or master electrician license holder.</div> <div>(C) <i>Powers and Duties of building official.</i></div> <div><div>1. <i>General.</i> The Chief Building Official and designee are hereby authorized to enforce all the provisions of this Code. They shall cause a record to be kept of all permits issued and inspections made.</div><div>2. <i>Deputies.</i> In accordance with prescribed procedures and with the approval of the appointing authority, the Chief Building Official may appoint designees as their deputies with powers and duties as designated by the Chief Building Official.</div><div>3. <i>Reference to Inspector/Electrical Inspector.</i> References to "Inspector" and "Electrical Inspector" in this Code shall mean the Chief Building Official or designee authorized to perform inspections.</div><div>4. <i>Right of entry.</i> Where it is necessary to make an inspection to enforce the provisions of this code, or where the Chief Building Official has reasonable cause to believe that there exists in a structure or upon a premises a condition that is contrary to or in violation of this code that makes the structure or premises unsafe, dangerous or hazardous, the Chief Building Official or designee is authorized to enter the structure or premises at reasonable times to inspect or to perform the duties imposed by this code, provided that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises is unoccupied, the Chief Building Official or designee shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If entry is refused, the Chief Building Official</div></div>	<div>The structuring of the NEC is different from the ICC. By creating these sections that do not exist in the NEC, we are bringing the electrical requirements into alignment with our practices and ICC suite of codes.</div> <div>This section is existing to remain.</div>

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	<p>or designee shall have recourse to the remedies provided by law to secure entry.</p> <p>5. <i>Notice.</i> When any order or notice is issued pursuant to the provisions of this Code to any person who cannot be found after a reasonable search, such order or notice may be served by posting it in a conspicuous place upon the premises occupied by that person or upon the premises where the defects are alleged to exist. Such posting of the notice shall be considered equivalent to personal service of such order or notice. An order sent by mail in a sealed envelope with postage prepaid and directed to the address of the contractor, owner, lessee, or occupant of the premises shall be equivalent to personal service of such order. The Chief Building Official and their designees are hereby empowered to attach to the nearest electrical cabinet or equipment feeding defective or hazardous wiring, any official notice or seal to prevent use of electricity in that area, and it shall be unlawful for any other person to place or attach such seal, or to break, change, destroy, tear, mutilate, cover or otherwise deface or injure any such official notice or seal posted by the Chief Building Official or their designee.</p> <p>6. <i>Stop Work Orders.</i> Whenever any work is being done contrary to the provisions of this Code, the Chief Building Official may order the work stopped by notice in writing served on any persons engaged in the doing or causing such work to be done, and any such persons shall forthwith stop such work until authorized by the Chief Building Official to proceed with the work.</p> <p>7. <i>Authority to disconnect utilities in emergencies.</i> The Chief Building Official or their designee shall have the authority to disconnect any electric power or energy service supplied to the building, structure or building service equipment therein regulated by this Code in case of emergency where necessary to eliminate an immediate hazard to life or property, or, where there is a violation of the temporary electric connection per section 85-6(b). The Chief Building Official or their designee shall, whenever possible, notify the serving utility, the owner and occupant of the building, structure or building</p>	
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	<p>service equipment, in writing, of such disconnection immediately thereafter.</p> <p>8. <i>Authority to condemn electrical system and equipment.</i> Whenever the Chief Building Official or designee ascertains that any electrical system or equipment regulated in this code has become hazardous to life, health or property, they may order in writing that such electrical system or equipment either be removed or restored to a safe condition, whichever is appropriate. The written notice itself shall fix a time limit for compliance with such order. No person shall use or maintain defective electrical system or equipment after receiving such notice. When such equipment or installation is to be disconnected, a written notice of such disconnection and causes therefore shall be given within 24 hours of the order to disconnect to the serving utility, the owner and occupant of such building, structure or premises. When any electrical system or equipment is maintained in violation of this code and in violation of any notice issued pursuant to the provisions of this section, the Chief Building Official or designee shall institute any appropriate action to prevent, restrain, correct, or abate the violation.</p> <p>9. <i>Connection after order to disconnect.</i> No person shall make connections from any energy or power supply nor supply power to any electrical system or equipment which has been disconnected or ordered to be disconnected by the Chief Building Official or designee; the use of which has been ordered to be discontinued until the Chief Building Official or designee authorizes the reconnection and use of such electrical system or equipment.</p> <p>10. <i>Liability.</i> The Chief Building Official and their designees charged with the enforcement of this code, acting in good faith and without malice in the discharge of his duties, shall not thereby render themselves personally liable for any damage that may accrue to persons or property as a result of any act or by reason of any act or omission in the discharge of their duties. Any suit brought against the Chief Building Official or their designees because of such act or omission performed by them in the enforcement of any provision of this code</p>	
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	<p>shall be defended by legal counsel provided by this jurisdiction until final termination of such proceedings. This code shall not be construed to relieve from or lessen the responsibility of any person owning, operating, or controlling any building, structure or building service equipment therein for any damages to persons or property caused by defects, nor shall the code enforcement agency or its parent jurisdiction be held as assuming any such liability by reason of the inspections authorized by the code or approvals issued under this code.</p> <p>11. <i>Appeals.</i> Any person, firm, or corporation may file an appeal through the Building Inspections department for the Board of Adjustment to review any decision of the Chief Building Official, provided that such appeal is made in writing within (5) days of receiving the notification by the Chief Building Official or their designee. The Board of Adjustment shall meet within a reasonable time following receipt of such appeal to hear the appeal and render a decision and findings in writing to the appellant with a duplicate copy to the Chief Building Official or designee.</p> <p>(D) <i>Electrical License and Registration.</i></p> <p>1. <i>Registration required.</i> It shall be unlawful for any person, firm, or corporation who is not registered as a qualified electrician in the City of Coppell to engage in work regulated by this code. Prior to the approval of any permit to do work regulated by this code, the applicant for such permit must first register with the Building Inspection Department.</p> <p>2. <i>Application for Registration.</i> A person, firm, or corporation who desires to register as an electrician in the City of Coppell shall complete the appropriate application and provide the following information:</p> <p>(a) A current master electrician or master sign electrician license issued by the TDLR (Texas Department of Licensing and Regulation).</p> <p>(b) A form of picture identification.</p>	
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	<div><div><div>(c) Business identification to include the business name, business owner(s), address, and telephone number.</div><div>(d) Copy of liability insurance (minimum of \$1 million coverage).</div></div><div><div>3. <i>Issuance and Term of Registration.</i> Upon satisfactory completion of the requirements and payment of applicable fees as specified by the City of Coppel Master Fee Schedule for registration as an electrician, as classified, the chief building official may approve such registration. An approved registration is valid for a period of not more than one (1) year and shall terminate at the end of each calendar year.</div><div>4. <i>Transfer of registration.</i> It shall be unlawful for any person, firm, or corporation to lend, rent, or transfer an electrical contractor registration issued by the City of Coppel to another person firm, or corporation for any purpose.</div><div>5. <i>Revocation of registration.</i> An electrical registration issued by the City of Coppel may be revoked by the Chief Building Official for the following:<div><div>(a) Falsification of any portion of an application for registration with intent to defraud.</div><div>(b) Any person, firm, or corporation who, after being found guilty in municipal court of violations of this code, is unwilling to make appropriate corrections to the satisfaction of the Chief Building Official or his designee.</div><div>(c) Threatening or abusive behavior to City staff or City representatives.</div><div>(d) Notice of revocation of electrical registration. The Chief Building Official or designee shall provide proper notice in writing to the person, firm or corporation holding a revoked electrical contractor registration. Notice shall be deemed effective on the post date of certified mail.</div><div>(e) Appeal of revocation. In the event that any person, firm, or corporation shall appeal</div></div></div></div></div>	
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	<p>the decision of the Chief Building Official or designee to revoke an electrical registration, a request for a public hearing of the matter shall be made in writing to the Chairman of the Building and Standards Commission within five (5) days of receipt of notice of revocation. The Building and Standards Commission shall meet to consider an appeal of revocation within a reasonable time of receipt of a written request.</p> <p>6. <i>False Representation as to Registration Unlawful.</i> It shall be unlawful for any person, firm, or corporation to represent themselves or a business as an electrician or electrical contractor in the City of Coppell without having first properly registered with the Building Inspection Department.</p> <p>7. <i>Electrical Company Vehicles to Be Marked.</i> All electrical contractors' vehicles engaged in doing work in the City of Coppell shall have signs permanently affixed to both sides of the vehicle indicating the company name of the electrical contractor.</p> <p>8. <i>Supervision.</i> The actual work of installing, maintaining, altering, or repairing of electrical work for which a permit is required by this Code shall have supervision by a licensed master or journeyman electrician as provided by this Code. In the event the owner of electrical contracting business is not a licensed master electrician, their master electrician of record shall be the person responsible for, and supervising, the electrical work done. Should such supervision not be constantly provided, the Chief Building Official or their designee may order the work being done by such electrical contractor to be removed and replaced under the proper supervision.</p> <p>9. <i>License display.</i> Each holder of a master, journeyman or specialist license shall carry evidence of proper license on their person at all times while doing electrical work, and shall produce and exhibit same when requested by any officer of the City.</p>	
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	<p>10. <i>Exception from Licensing and Registration.</i> Persons who are not registered electricians may carry out the following classes of work:</p> <p>(a) The installation, alteration, or repairing of any wiring, devices, or equipment for signaling, remote control, or the transmission of information, provided such are inherently power limited and have a maximum nameplate rating not exceeding one volt-ampere.</p> <p>(b) Electrical work done by a property owner in a building owned and occupied by them is thereby classified as their homestead. Where the electrical work done by property owner is deemed by the Chief Building Official or designee to be hazardous to persons or property, and the repair thereof is beyond the skills and electrical knowledge of the property owner as deemed by the Chief Building Official or designee, the Chief Building Official may void the permit and/or registration obtained by the homeowner. In such an event, the electrical work shall only be completed by a licensed electrical contractor, registered with the City of Coppell, through a new permit.</p> <p>(c) Application for permit. To obtain a permit, the applicant shall first file an application with the Building Inspection Department for that purpose.</p> <p>11. <i>Plans and specifications.</i> With each application for a permit, and where required by the Chief Building Official or designee for enforcement of any provision of this Code, plans, specifications, and calculations shall be submitted. When deemed necessary to ensure code compliance, the Chief Building Official or designee may require plans and specifications to be prepared and designed by an engineer licensed by the State of Texas.</p> <p>12. <i>Information on plans and specifications.</i> Plans and specifications shall be drawn to scale and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that</p>	
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	<p>it will conform to the provisions of this code and all relevant laws, ordinances, rules, and regulations.</p> <p>13. <i>Permits issuance.</i> After all review requirements have been met and have been approved by the Chief Building Official or their designee, and the fees specified by the City of Coppel Master Fee Schedule for the proposed scope of work have been paid, the Chief Building Official or designee may issue the permit to the applicant. When the Chief Building Official or designee issues the permit where plans are required, they shall endorse in writing or stamp the plans and specifications as stated in the currently adopted edition of the International Building Code. Such approved plans and specifications shall not be changed, modified, or altered, and all work shall be done in accordance with the approved plans. Any deviations from the city-stamped plans must be submitted to and approved by the City prior to execution of the changes in field.</p> <p>14. <i>Validity of permit.</i> The issuance of a permit or approval of plans and specifications shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code, or of any other ordinance of the City, nor shall the issuance of a permit or approval of plans be construed as representing or warranting the safety or lack of defects of any electrical work described therein. No permit presuming to give authority to violate or cancel the provisions of these Codes shall be valid. The issuance of a permit based upon plans, specifications, and other data shall not prevent the Chief Building Official or designee from thereafter requiring the correction of errors in said plans, specifications, and other data, or from preventing building operations being carried on thereunder when in violation of these codes or of any other ordinances of the City. Work on a property may not commence until the issued permit is posted in a conspicuous location visible from the main street that the structure or property is addressed from.</p> <p>15. <i>Expiration.</i> Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by</p>	
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	<p>such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. The Chief Building Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.</p> <p>16. <i>Suspension or revocation.</i> The Chief Building Official or designee may, in writing, suspend or revoke a permit issued under the provisions of this code whenever the permit is issued in error or on the basis of incorrect information supplied, or in violation of any ordinance or regulation of the City.</p> <p>17. <i>Fees.</i> Permit fees shall be levied in the amounts specified by the City of Coppell, Master Fee Schedule approved by city council.</p> <p>(E) <i>Inspections.</i></p> <p>1. <i>General.</i> All electrical systems and equipment for which a permit is required by this code shall be subject to inspection by the Chief Building Official or designee. No portion of any electrical system intended to be concealed shall be concealed until inspected and approved. The Chief Building Official, their designee, nor the City shall be liable for expense entailed in the removal or replacement of any material necessary to allow inspection. When the installation of an electrical system and equipment is complete, an additional and final inspection shall be made. Electrical systems and equipment regulated by this code shall not be connected to the energy source until authorized by the Chief Building Official or designee.</p> <p>2. <i>Inspection requests.</i> It shall be the duty of the permit holder to request the scope of work to be inspected through the appropriate process. Every request for inspection must be filed at least one working day before such inspection is desired. It shall be the duty of the permit holder to provide access to and means for proper inspection of such work.</p> <p>3. <i>Other inspections.</i> In addition to the inspections required by this code, the Chief Building Official or designee may make or require other inspections of any work to ascertain compliance with the</p>	
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	<p>provisions of this Code and other laws which are enforced by the Code enforcement agency.</p> <p>4. <i>Reinspections.</i> A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when required corrections are not made. This provision is not to be interpreted as requiring reinspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or reinspection or when required corrections are not made. Reinspection fees may be assessed when the approved plans are not readily available to the Inspector, for failure to provide access on the date for which inspection is requested, or for deviating from the city-approved plans. In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.</p> <p>(F) <i>Service Connections.</i></p> <p>1. <i>Connection approval.</i> An electrical system or equipment regulated by this code for which a permit is required shall not be connected to a source of energy or power until approved by the Chief Building Official or designee.</p> <p>2. <i>Temporary connections.</i> The Chief Building Official or designee may authorize the temporary connection of the electrical system or equipment to the source of energy or power for the purpose of testing the equipment, or for the use under a temporary Certificate of Occupancy.</p> <p>3. <i>Authorized connection.</i> When new electrical meters are installed or existing electrical meters are to be relocated, the disconnection, connection or reconnection to the meter shall be made only by authorized employees of the utility purveyor.</p> <p>(G) <i>Violations.</i> It shall be unlawful for any person, firm, or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert, demolish, equip, use or maintain any electrical system or equipment or cause or permit the same to be done in violation of this Code. The issuance or granting of a permit or approval of plans and specifications or the completion or approval of an</p>	
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	<p>inspection shall not be deemed or construed to be a permit for, or an approval of, any violation of any of the provisions of this Code. No permit presuming to give authority to violate or cancel the provisions of this Code shall be valid, except insofar as the work or use which is authorized is lawful.</p> <p>2. <i>Article 100, Part I definitions shall be added or amended to read as follows:</i></p> <p><i>Definitions.</i></p> <p><i>Board of Adjustment.</i> The Board of Adjustment shall be as appointed by the City Council of the City of Coppell.</p> <p><i>Building Code</i> is the International Building Code, as adopted by the City of Coppell. Chief Building Official (building official) is the officer charged with the administration and enforcement of this Code, or his duly authorized representative, and is the authority having jurisdiction for this Code.</p> <p><i>Code Enforcement Agency</i> is the department, division or agency of the City of Coppell charged with the function of Code Enforcement and shall be under the administration and operational control of the building official.</p> <p><i>Engineering Supervision:</i> Supervision by a Qualified State of Texas Licensed Professional Engineer engaged primarily in the design or maintenance of electrical installations.</p> <p><i>Electrical Code</i> is the National Electrical Code, 2023 edition promulgated by the National Fire Protection Association, as adopted by the City of Coppell.</p>	
	<p>480.10(H) Elevation from grade. Storage batteries located in an area subject to vehicle movement must be elevated 48” (1219.2 mm) above finished floor or protected from vehicular impact by a 6” (152.4 mm) curb or 3” (76.2 mm) bollard.</p>	<p>This section is new. The storage batteries and electrical vehicle charges that are located in commercial and residential garages are subject to vehicular impact. There are multiple resources that identify impact to a lithium-ion battery has started fires.</p> <p>There are also requirements for equipment elevations in locations subject to vehicle impact in the IRC, IMC, IBC, and NEC.</p> <p>The 48” elevation is based on the height of a pickup truck.</p>
	<p>625.50 Location. The EVSE shall be located for direct electrical coupling of the EV connector (conductive or inductive) to the electric vehicle. The coupling means of the EVSE and all equipment not flush with the wall shall be not less than 48” (1219.2 mm) above the floor for locations in a garage, and 24” (600 mm) for outdoor locations. This does not apply to portable EVSE constructed in accordance with 625.44(A).</p>	<p>This section is new. The storage batteries and electrical vehicle charges that are located in commercial and residential garages are subject to vehicular impact. There are multiple resources that identify impact to a lithium-ion battery has started fires.</p> <p>There are also requirements for equipment elevations in locations subject to vehicle impact in the IRC, IMC, IBC, and NEC.</p>

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		The 48” elevation is based on the height of a pickup truck.
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AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES B AMENDING CHAPTER 15 ARTICLE 15-5, "FIRE CODE", TO ADOPT THE INTERNATIONAL FIRE CODE, 2024 EDITION, AND THE LATEST EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 1, AS AMENDED AS THE CITY OF COPPELL FIRE CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL FIRE CODE, 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

Section 1. That the Code of Ordinances of the City of Coppell, Texas be, and the same is, hereby amended by amending Chapter 15, Article 15-5 in part to adopt the International Fire Code, 2024 Edition, and the National Fire Protection Association Standard 1, as amended, to read as follows:

"Article 15-5. FIRE CODE

Sec. 15-5-1 International Fire Code – Adopted.

There is hereby adopted by the City of Coppell, Texas for the purpose of prescribing regulations governing conditions hazardous to life and property from fire and explosion, the certain Codes and Standards known as the International Fire Code, 2024 Edition, including Appendices A-I, K, N & O, and the latest edition of the National Fire Protection Association Standard 1, thereof and whole thereof, save and except such portions as are hereinafter deleted, modified or amended by Section 15-5 of this ordinance. A copy of said Fire Code and Standards in now filed in the office of the City Secretary, and is hereby adopted and incorporated as fully as if set out at length herein, and from the date on which this ordinance shall take effect, the provisions thereof shall be controlling within the limits of the City of Coppell and within 5,000 feet thereof, where specified therein.

Sec. 15-5-2 Amendments.

1. Amend Section 101.1 to read as follows:

101.1 Title. These regulations shall be known as the Fire Code of the City of Coppell, herein after referred to as "this code".

2. Amend Section 102.4 to read as follows:

102.4 Application of other codes. The design and construction of new structures shall comply with this code, and other codes as applicable; and any alterations, additions, changes in use or changes in structures required by this code which are within the scope of this and other codes shall be made in accordance therewith.

3. Amend Section 102.7 to read as follows:

102.7 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 80 and such codes, when specifically adopted, and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply. Whenever amendments have been adopted to the referenced codes and standards, each reference to said code and standards shall be considered to reference the amendments as well. Any reference to NFPA 70 or the ICC Electrical Code shall mean the Electrical Code as adopted.

4. Amend Section 103.1 by adding a second paragraph and by adopting a new subsection 103.1.1, "Division of Fire Prevention Personnel and Police", to read as follows:

103.1 General. The department of fire prevention is established within the jurisdiction under the direction of the fire code official. The function of the department shall be the implementation, administration and enforcement of the provisions of this code.

Under the chief's direction, the fire department is authorized to enforce all ordinances of the jurisdiction pertaining to:

1. The prevention of fires.
2. The suppression or extinguishment of dangerous or hazardous fires.
3. The storage, use and handling of hazardous materials,
4. The installation and maintenance of automatic, manual and other private fire alarm systems and fire-extinguishing equipment.
5. The maintenance and regulation of fire escapes.
6. The maintenance of fire protection and the elimination of fire hazards on land in buildings, structures and other property, including those under construction.
7. The maintenance of means of egress.
8. The investigation of the cause, origin and circumstances of fire and unauthorized releases of hazardous materials.

9. The investigation of the cause, origin and circumstances of explosions. For authority related to control and investigation of emergency scenes, see Section 104 of this code.

103.1.1 Division of Fire Prevention Personnel and Police. The Fire Marshal and members of the Division of Fire Prevention shall have the powers of a police officer when performing their duties under this code. When requested to do so, the Chief of Police is authorized to render necessary assistance to assist the Fire Department in enforcing the provisions of this code.

5. Amend Section 104.8 by adding subsection 104.8.2, to read as follows:

104.8.2 City Liability. All regulations provided in this code are hereby declared to be governmental and for the benefit of the general public. Any member of the City Council, any city official or employee, or any member of the Building Standards Commission charged with the enforcement of this code, acting for the City in the discharge of his duties, shall not thereby render themselves personally liable, and they are hereby relieved from all personal liability for any damage that may occur to persons or property as a result of any action required or permitted in the discharge of their duties. Any suit brought against such official or employee because of such act performed by them in the enforcement of any provisions of this Code shall be represented by the City of Coppell through its designated attorney until the final adjudication of the proceedings.

6. Amend Section 105.6 by amending subsection 105.6.20 and adopting subsection 105.6.26 and 105.6.27, to read as follows:

105.6.20 Smoke control or exhaust systems. Construction permits are required for smoke control or exhaust systems as specified in Section 909 and Section 910 respectively. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

105.6.26 Electronic access control systems. Construction permits are required for the installation or modification of an electronic access control system, as specified in Section 503 and Section 1010. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

105.6.27 Electric vehicle (EV) charging stations. Construction permits are required to install or modify and electric vehicle charging station. Maintenance performed in accordance with is code is not considered to be a modification and does not require a permit.

7. Amend Section 113.4 to read as follows:

Section 113.4 Violation Penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or to do work in violation of the approved construction documents or directive of the Fire Marshal, or a permit or certificate used under provisions of this code, shall be guilty of a misdemeanor offense punishable by a fine of not more than two thousand dollars (\$2,000.00). Each day that a violation continues after due notice has been served shall be deemed a separate offense.

8. Amend Section 115.6 to read as follows:

115.6 Restoration or abatement. Any person operating or maintaining any occupancy, premises or vehicle subject to this Code who shall permit any fire hazard to exist on the premises under their control or who shall fail to take immediate action to abate a fire hazard when ordered or notified to do so by the code official or his duly authorized representative shall be guilty of a separate offense for each and every day or portion thereof which any violation of any of the provisions of this Code is committed or continued.

9. Amend Section 202 by adding definitions to read as follows:

ASSISTED LIVING FACILITIES. A building or part thereof housing persons on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment which provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff.

CODE OFFICIAL (FIRE) is the Fire Chief, Fire Marshal or other designated authority charged by the applicable governing body with the duties of administration and enforcement of the code, or a duly authorized representative.

DIVISION OF FIRE PREVENTION is the Office of the Coppell Fire Marshal.

FIRE DEPARTMENT is the City of Coppell Fire Department.

HIGH RISE BUILDING is a building having floors for human occupancy located more than 55 feet above the lowest level of fire department vehicle access.

JURISDICTION is the City of Coppell, Texas.

KEY BOX shall be a KNOX® Box device.

SELF-SERVICE STORAGE FACILITY. Real property designed and used for the purpose of renting or leasing individual storage spaces to customers for the purpose of storing and removing personal property on a self-service basis.

STANDBY PERSONNEL. Qualified fire service personnel, approved by the Fire Chief or Fire Marshal. When utilized, the number required shall be as directed by the Fire Chief or Fire Marshal.

10. Amend Section 307.2 to read as follows:

307.2 Permit required. A permit shall be obtained from the fire code official in accordance with Section 105.5 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or a recreational fire.

Application for such approval shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.

Examples of state or local law, or regulations referenced elsewhere in this section may include but not be limited to the following:

1. Texas Commission on Environmental Quality guidelines and/or restrictions.
2. State, County or Local temporary or permanent bans on open burning.
3. Local written policies as established by the fire code official.

11. Amend Section 307.4, by amending subsections 307.4.1, and adopting subsection 307.4.4, to read as follows:

307.4 Location. Recreational fires as they relate to approved ceremonial situations or within approved devices such as outdoor barbeque grills with lids, chimenias or outdoor fireplaces shall be permitted in accordance with 307.4.2 Recreational Fires. Bonfires, trench burns, garbage/waste disposal fires and related outdoor burning shall be prohibited in the City of Coppell.

307.4.1 Bonfires. Bonfires shall be prohibited in the City of Coppell.

307.4.4 Trench Burns. Trench burns shall be prohibited in the City of Coppell.

12. Amend Section 314.4 by adding subsection #5 to read as follows

314.4 Vehicles. Electric, liquid-fueled or gaseous-fueled vehicles, aircraft, boats or other motorcraft shall not be located indoors except as follows:

...

5. Batteries in electric vehicles shall be rendered inoperable by the removal of fuses or other approved methods but shall not be required to be disconnected. Electric vehicles shall not be charged inside buildings, other than where approved in parking garages, or unless otherwise approved by the fire code official.

13. Amend Chapter 3 by adding Section 323 and subsections to read as follows:

323 Electric Vehicles (EV).

323.1 Electric Vehicle Charging Stations. Electric vehicle (EV) charging stations shall not be located inside buildings, except in one- and two-family dwelling garages, where approved for parking garage locations as per the National Electrical Code and within vehicle service/maintenance facilities as approved by the fire code official.

323.1.1 Charging Stations Inside Parking Garage. EV charging stations located in parking garages shall be located at grade level along the exterior perimeter walls and shall be within 150 feet of fire apparatus access roadway, or shall be located on the top level of the garage with no roof above.

323.1.2 Charging Stations inside R-3 and R-4 occupancies. Approved charging stations in the private garage shall have a listed heat alarm installed in the garage and interconnected to the smoke alarms inside the dwelling.

323.2 Disconnect. Locations containing electric vehicle charging stations shall be provided with a clearly identified and readily accessible emergency disconnect installed in an approved location.

The emergency disconnects for exterior electric vehicle charging stations shall be located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from the charging stations, unless otherwise approved by the fire code official. Interior electric vehicle charging stations shall be located near a firefighter entry door approved by the fire code official.

323.2.1 Height. The height of the emergency disconnect switch shall be not less than 42 inches (1067 mm) and not more than 48 inches (1219 mm) measured vertically, from the floor level to the activating button.

323.2.2 Emergency Disconnect Sign. Emergency disconnect devices shall be distinctly labeled as: “EMERGENCY ELECTRIC VEHICLE CHARGER DISCONNECT.” Signs shall be placed in an approved location and shall consist of all the following:

1. White reflective background with red letters.
2. Weather-resistant durable material.
3. Lettering not less than 2 inches (51 mm) high.
4. Permanently affixed to a pole, the building or structure in an approved manner.

Exception: A labeled electrical breaker is required for one- and two-family dwelling garages, and R-3 or R-4 private garages.

323.3 Damaged Electric Vehicle Batteries. Damaged electric vehicle batteries shall not be stored inside any building.

14. Amend Section 401.3 by adopting subsection 401.3.4, to read as follows:

401.3.4 False Alarms and Nuisance Alarms. False alarms and nuisance alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner. The technician performing maintenance on any system capable of transmitting an alarm to the Emergency Dispatch Center shall notify the center, as well as the monitoring company for the property, prior to any work being performed on the system. In addition, the technician shall notify the Emergency Dispatch Center, as well as the monitoring company for the property, immediately upon placing the system back in service.

15. Amend Section 503.1 by amending subsection 503.1.1 and the Exception thereto, by amending subsection 503.1.2, and by adopting subsection 503.1.4, to read as follows:

503.1.1 Buildings and Facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the

jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by maximum hose distance or an approved route around the exterior of the building.

Exception: Except for one- or two-family residences, the path of measurement shall be along a minimum of a ten feet (10') wide unobstructed pathway around the external walls of the structure.

503.1.2 Additional Access. The Fire Marshal is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition or terrain, climatic conditions or other factors that could limit access. The Fire Marshal is hereby authorized and empowered to establish and designate fire lanes as deemed necessary for the proper ingress and egress of emergency vehicles. Any fire lane designated by the Fire Marshal shall become effective as of the date so designated.

503.1.4. General Maintenance. (a) The Fire Marshal shall report any negligent surface conditions, markings, or signs to the owner or person in control of property upon which a fire lane exists and shall issue instructions for repair. (b) It shall be unlawful for the owner or person in control of property upon which a fire lane has been designated or exists to fail to maintain the surface of the fire lane in good condition, free of potholes and other non-approved obstructions. (c) It shall be unlawful for the owner or person in control of property on which a fire lane has been designated or exists to fail to maintain any marking of the fire lane as required by this code in a condition which is not clearly legible. (d) Fire lanes shall be installed in accordance with City of Coppell Engineering Standards and Details prior to buildings being constructed above finished floor grade.

16. Amend Section 503.2 shall be amended by amending subsections 503.2.1, 503.2.3 and 503.2.4 to read as follows:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 24 feet (24') and an unobstructed vertical clearance of not less than 14 feet (14'). The Fire Marshal shall have the authority to increase the width of fire lanes at the entrances off public streets to include the entire width of the drive opening.

503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be constructed to the City of Coppell Engineering Standards and Details. All fire lanes shall be capable of supporting an 85,000-pound vehicle.

503.2.4 Turning Radius. The required turning radius of a fire apparatus access road shall be a minimum of 30 feet inner radius and 54 feet exterior radius. The required turning radii may be decreased if the width of the fire lane increases, as approved by the Fire Marshal.

17. Amend Section 503.3 to read as follows:

503.3 Marking. Where required by the Fire Marshal, approved striping or, when allowed by the Fire Marshal, signs, or both, or other approved notices shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Signs or notices and striping shall be maintained in a clean and legible condition at all times and replaced or repaired when necessary to provide adequate visibility.

1) Striping—Fire apparatus access roads shall be marked by painted lines of red traffic paint six inches (6") in width to show the boundaries of the lane. The words "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" shall appear in four inch (4") white letters at 15 feet intervals on the red border markings along both sides of the fire lanes.

2) Signs—Shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be 12" wide and 18" high. Signs shall be painted on a white background with letters and borders in red, using not less than 2" lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above finished grade. Signs shall be spaced not more than fifty feet (50') apart. Signs may be installed on permanent buildings or walls if approved by the Fire Marshal.

3) Brick pavers—Brick paver 'banding' of fire lanes may be approved on a case-by-case basis. Red brick pavers shall be of contrasting colors to provide the visual identity of a 'normally striped' fire lane.

18. Amend Section 503.4 to read as follows:

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed by persons in any manner, including parking, stopping or standing any non-emergency vehicle, whether attended or unattended, in a fire lane. The minimum widths and clearances established in Section 503.2.1 and any area marked as a fire lane as described in Section 503.3 shall be maintained at all times. The operator of a premise shall maintain, free of obstruction, all fire lanes on his premises. No person may mark, post or otherwise identify a non-fire lane private vehicular passageway as a fire lane or in such a manner as tends to create confusion as to whether the passageway is a fire lane. Any unauthorized vehicle on a fire lane is: (1) Subject to removal by the operator of the premises, with the expense of removal and storage to be borne by the registered owner of the vehicle. (2) Subject to citation, as well as removal, by the Fire Marshal or a police officer, and (3) Prima facie evidence that the person in whose name the vehicle is registered is guilty of a violation of the parking provisions of this section.

19. Amend Section 507 by amending subsection 507.5.1 and the Exception thereto, and subsection 507.5.3 to read as follows:

507.5.1 Where required. Where a portion of the facility or building is more than 150 feet from a hydrant on a public right-of-way, as measured by an approved route around the exterior of the facility or building, or if the building is equipped with an automatic fire sprinkler system/fire department connection, on-site fire hydrants and mains shall be provided where required by the Fire Marshal.

Exceptions: For Group R-3 occupancies, the distance requirement shall be 600 feet.

507.5.3 Private fire service mains and water tanks. Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with NFPA 25 at the following intervals:

1. Private fire hydrants (all types): Inspected annually; flow test and maintenance in accordance with NFPA 25.
2. Fire service main piping: Inspection of exposed, annually; flow test every 5 years.
3. Fire service main piping strainers: Inspection and maintenance after each use.
4. Private fire hydrants or those hydrants supplied through or by a fire pump shall be painted safety red.
5. All fire hydrant locations shall be identified by the installation of a blue reflective marker, according to City specifications.
6. Private fire hydrants shall be installed and operational prior to buildings being constructed above finished floor grade.
7. Private fire hydrant annual flow test information and labeled site map shall be forwarded to the Coppell Fire Department upon completion of the service.

20. Amend Section 605.2 by adding subsection 605.2.1.6 to read as follows:

605.2.1.6 Maintenance of Chimneys. All multi-family occupancies where fireplaces utilizing solid fuel are used shall have the chimneys inspected and/or cleaned by a certified chimney sweep on a yearly basis. A report of each inspection and/or cleaning shall be submitted to the Fire Prevention Division and maintained by the onsite property manager.

21. Amend Section 807.5.2 by amending subsection 807.5.2.2 by adopting Exception to read as follows:

807.5.2.2 Artwork in corridors. Artwork and teaching materials shall be limited on the walls of corridors and classrooms to not more than 20 percent of the wall area. Such materials shall not be continuous from floor to ceiling or wall to wall. Curtains, draperies, wall hangings, and other decorative material suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.

Exception: Corridors protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 shall be limited to 50 percent of the wall area.

22. Amend Section 901.6 by adopting subsection 901.6.4, to read as follows:

901.6.4 False Alarms. False alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner. The technician performing maintenance on any system capable of transmitting an alarm to the Emergency Dispatch Center shall notify the appropriate center, as well as the monitoring company for the property, prior to any work being performed on the system. In addition, the technician shall notify the Emergency Dispatch Center, as well as the monitoring company for the property, immediately upon placing the system back in service.

23. Amend Section 901.7 to read as follows:

901.7 Systems out of service. Where a required fire protection system is out of service or in the event of an excessive number of accidental activations, the fire department and the Fire Marshal shall be notified immediately and, where required by the Fire Marshal, the building shall either be evacuated or an approved fire watch standby personnel shall be provided for all occupants left unprotected by the shut down until the fire protection system has been returned to service. Where utilized, fire watch standby personnel shall be provided with at least one approved means for notification of the fire department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

24. Amend Section 903.1.1 to read as follows:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in addition to automatic fire sprinkler protection where recognized by the applicable standard, or as approved by the fire code official.

25. Amend Section 903.2 by adding thereto; deleting the exception; and by adopting Subsection 903.2.13, to read as follows:

903.2 Where required. In addition to the remainder of 903.2, an approved automatic fire extinguishing system (fire sprinkler system) shall be installed and maintained in accordance with the current versions of NFPA 13, Standard for the Installation of Sprinkler Systems and NFPA 25 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems in the following occupancies:

1. All new buildings and new additions to existing buildings greater than 5,000 square feet.
2. All new windowless buildings or buildings with a basement, regardless of square footage.
3. All new Group R buildings, excluding single family dwellings. Protection is required throughout all living areas, including, but not limited to small rooms and enclosed attached garages.
4. All buildings or structures, two (2) or more stories or thirty-five feet (35') in height, excluding Group R-3.
5. All Group R-3 building with a gross square footage greater than 10,000 square feet.
6. All Group R-3 occupancies which contain two or more separate dwelling units. Residential or quick response standard sprinklers shall be used in the dwelling units.
7. All Group R-1 occupancies. Residential or quick response standard sprinklers shall be used in the dwelling units and guest room portions of the building.

8. All Group A-5 occupancies greater than 1,000 square feet.
9. All Group A-2 occupancies greater than 2,000 square feet, unless Type I or II construction is utilized for the building, then greater than 5,000 square feet.
10. All Group H and Group I occupancies regardless of square footage.
11. Throughout all occupancies classified as 'self-service storage facility'.
12. F-1 and S-1 occupancies used for manufacture or storage of upholstered furniture or mattresses greater than 2,500 square feet.

903.2.13 General. The following fire and life safety items are required for applicable buildings. The system shall be designed according to NFPA standards on all floors of the building.

All buildings equipped with an approved automatic sprinkler system shall also be equipped with an approved, monitored fire alarm system, meeting the requirements of NFPA 72 and this code. In addition to the building requirements listed above, the following requirements must be met:

1. Where standpipes are required, all standpipe locations are to be marked by painting the entire drop "Safety RED" with blue retro-reflective tape at 1 and 10-foot levels above valves. Where standpipes are located in office areas, cabinets shall be readily distinguishable from surrounding wall coverings.
2. All personnel doors are to be numbered in six-inch (6") high numbers on the inside and outside of the doors. The numbering is to begin at the pump room and continue counter-clockwise around the building. The pump room is to have "PUMP ROOM" on the outside of the door in minimum six-inch (6") high letters. On all buildings without a pump room, the first personnel door to the right of the main entrance is to be labeled door "1" and continue in a counter-clockwise direction. Doors are to be numbered sequentially with the personnel doors or alphabetical symbols are to be used. No personnel doors and dock doors are to be labeled with the same number. All numbers are to be of a contrasting color to the background.
3. Zone maps and operational instructions are to be posted at each fire alarm panel.
4. A plan showing the location of each pull station, duct detector, mechanical smoke exhaust fan and personnel door locations (by door number) shall be located at each alarm panel.
5. Each sprinkler riser shall be identified by a unique four inch (4") number above the main valve. If the sprinkler riser, 4-inch or larger, passes through a ceiling, wall or enclosure, an additional four inch (4") number shall be placed on the riser pipe at a point that is easily visible from floor level. A plan showing the coverage area of each system shall be posted adjacent to the fire alarm panel.
6. Fire sprinkler risers/fire pump rooms shall be directly accessible from an exterior door. The room shall be properly sized for adequate personnel maneuverability and serviceability, minimum size sixty-four (64 sq. ft.) square feet, with a minimum dimension of eight feet (8'). Exterior weatherproof strobe shall be installed.
7. Evacuation of Buildings. Upon any fire alarm activation, all occupants shall immediately evacuate all portions of the building and shall remain outside of the structure until it has been determined that it is safe to return.

26. Amend Subsections 903.3.1.1 and 903.3.1.1.1 to read as follows and by deleting Subsection 903.3.1.1.2 in its entirety:

903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system, sprinklers shall be installed throughout in accordance with NFPA 13, latest edition, except as provided in Sections 903.3.1.1.1.

903.3.1.1.1 Exempt Locations. When approved by the fire code official, automatic sprinklers shall not be required in the following rooms or areas where such rooms are protected with an approved fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance rated construction or contains electrical equipment.

1. Any room where the application of water, or the combination of flame and water, constitutes a serious life or fire hazard. 2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the fire code official.

27. Amend Subsection 903.3.1.2 to read as follows:

903.3.1.2 NFPA 13R sprinkler systems. Where allowed in buildings of Group R, up to and including four stories in height, automatic sprinkler systems shall be installed throughout in accordance with NFPA 13R, as amended to include small rooms, closets, balconies and attached enclosed garages.

28. Amend Subsection 903.3.5 by adding the following:

903.3.5 Water supplies. Water supplies for automatic sprinkler system shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. Water supplies as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10-psi safety factor.

When any portion of the facility or buildings protected is in excess of 150 feet from a water supply on a public street, as measured by an approved route around the exterior of the facility or building, additional fire hydrants and mains capable of supplying the required fire flow shall be required. Additional hydrant locations shall be based on fire load, internal fire protection systems, required fire flow, vehicular traffic, fire lanes, and other special circumstances. Fire hydrants shall be spaced no farther than six hundred feet (600') in residential areas and three hundred feet (300') in other than residential areas, measured center-on-center. These distances may be modified when sufficient data is provided showing equivalent fire protection can be maintained. Fire hydrants shall be located no closer than three feet (3') nor farther than six feet (6') from a fire lane. Fire supply lines shall be looped systems with no dead-end mains or fire lines greater than one hundred fifty feet (150') in length unless approved by the Fire Marshal.

29. Amend Section 903.3.7 to read as follows:

903.3.7 Fire Department Connections. Fire Department Connections (FDC) shall not be located in or on structures, unless otherwise approved by the Fire Marshal. The FDC shall be located no closer than three feet (3') nor farther than six feet (6') from a fire lane. The line from the FDC to the sprinkler riser shall be isolated from any hydrant through the use of an approved check valve. At no time shall the FDC increase pressure to any fire hydrant. The FDC shall be located no farther than fifty feet (50') from a fire hydrant and shall be located on the same side of the fire lane as the hydrant. The FDC shall be installed at a height not to exceed thirty inches (30"), in accordance with the City of Coppel Engineering Standards and Details. FDC shall be equipped with approved Knox® locking caps.

30. Amend Section 903.4 and the Exceptions thereto to read as follows:

903.4 Sprinkler system supervision and alarms. All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures, and water-flow switches on all sprinkler systems shall be electronically supervised.

Sprinkler and standpipe system water-flow detectors shall be provided for each floor tap to the sprinkler system and shall cause an alarm upon detection of water flow for more than 45 seconds, not to exceed 120 seconds. All control valves in the sprinkler and standpipe systems, except for the fire department hose connection valves, shall be electrically supervised to initiate a supervisory signal at the central station upon turning or operating the valve.

Exceptions:

1. Automatic sprinkler systems protecting one- and two-family dwellings.
2. Jockey pump control valves that are sealed or locked in the open position.
3. Control valves to commercial kitchen hoods, spray booths or dip tanks that are sealed or locked in the open position.
4. Valves controlling the fuel supply to fire pump engines that are sealed or locked in the open position.
5. Trim valves to pressure switches in dry, pre-action and deluge sprinkler systems that are sealed or locked in the open position.
6. Manual Dry Standpipe system must be supervised with a minimum of 10 psig and a maximum of 40 psig air pressure with a high/low alarm.

31. Amend Section 905.1 to read as follows:

905.1 General. Standpipe systems shall be provided in new buildings and structures in accordance with Sections 905.2 through 905.11. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 32.

All buildings greater than 20,000 square feet, except for Group R-3, shall be equipped with 2 1/2" hose valves stations. The hose valve locations shall be supplied by a minimum 2 1/2" line from the automatic fire sprinkler system. The hose valve stations shall consist of a 2 1/2" valve. A demand of a minimum of 150 GPM shall be included in the hydraulic calculations. Spacing for the hose valves shall be based on one hundred feet (100') hose lay and thirty feet (30') of stream, beginning at the nearest fire department entry door.

32. Amend Section 907.1 by adopting Subsection 907.1.4 to read as follows:

907.1.4 Design standards. Where a new fire alarm system is installed, the devices shall be addressable.

All fire alarm systems shall be installed in such a manner that the failure of any single alarm-actuating or alarm-indicating device will not interfere with the normal operation of any other devices.

All fire alarm system communicators shall be capable of sending point (smoke detector, manual pull station, water flow, etc.) specific data to central station monitoring companies.

Exception: Existing systems need not comply unless the total building remodel or expansion exceeds 25% of the original building.

33. Amend Section 907.2.1 to read as follows and by deleting the exception thereto:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons or more than 100 persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the International Building Code shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for Group E occupancy.

34. Amend Section 907.2.1.1 to read as follows:

907.2.1.1 System Initiation in Group A Occupancies with an Occupant Load of Three Hundred (300) or more. Activation of the fire alarm in Group A occupancies with an occupancy load of three hundred (300) or more shall immediately initiate an approved prerecorded message announcement using an approved voice communication system in accordance with NFPA 72 that is audible above the ambient noise level of the occupancy.

Exception: When approved, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three (3) minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended location.

35. Amend Section 907.2.2 to read as follows and by deleting the exceptions thereto:

907.2.2 Group B. A manual fire alarm system shall be installed in Group B occupancies having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge or contain an ambulatory care facility.

36. Amend Section 907.2.3 to read as follows and by deleting the exceptions thereto:

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E educational occupancies. When automatic fire extinguishing systems or automatic fire alarm systems are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in all Group E day care occupancies. All buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm system.

37. Amend Subsection 907.2.4 to read as follows and by deleting the exception thereto:

907.2.4 Group F. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies greater than 75,000 gross square feet or are two or more stories in height.

38. Amend Section 907.2.13 to read as follows and by deleting the exceptions thereto:

907.2.13 High-rise Buildings. Buildings with a floor used for human occupancy located more than fifty-five feet (55') above the lowest level of fire department vehicle access shall be provided with an automatic smoke detection system in accordance with Section 907.2.13.1, a fire department communications system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

39. Amend Subsection 907.6.3 by deleting the exceptions.

907.6.3 Initiating device identification. The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate.

40. Amend Section 910.4 by adding the following:

910.4 Mechanical smoke exhaust. Where approved by the fire code official, engineered mechanical smoke exhaust shall be an acceptable alternative to smoke and heat vents. In buildings equipped with an Early Suppression Fast Response (ESFR) sprinkler system or a Class IV sprinkler system, curtain boards and smoke and heat vents are to be eliminated and an approved mechanical smoke and removal system utilized. This system must de-activate all fans upon initiation of the fire alarm system. The system shall have a manual override system in addition to the vent controls located in the protected area. A separate Fire Department access or key switch may be required at a remote location in the building. Each individual fan shall be capable of being activated by a fireman's override switch located in the pump room. Design of the mechanical smoke and heat removal system shall be based on a minimum of four (4) air changes per hour. When activated by the fire alarm, all other mechanical ventilation systems shall shut down. Fans shall be capable of continuous operation even after main building power has been deactivated.

41. Amend Subsection 910.4.3 by adding the following:

910.4.3 System design criteria. The mechanical smoke removal system shall be sized to exhaust the building at a minimum rate of four (4) air changes per hour based upon the volume of the building or portion thereof without contents. The capacity of each exhaust fan shall not exceed 30,000 cubic feet per minute.

Supply air for exhaust fans shall be provided at or near the floor level and shall be sized to provide a minimum of twenty-five percent (25%) of required exhaust. Openings for supply air shall be uniformly distributed around the periphery of the area served. Personnel doors and dock doors shall not be considered as part of the supply air system.

A 3rd party Fire Protection Engineer report may be evaluated on a case-by-case basis. The City of Coppell will not be responsible for the report costs. Submission of the report is not a guarantee that the above system design criteria will not be required to be followed.

42. Section 1020.2; add exception 6 to read as follows:

6. In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector shall activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors shall be connected to an approved automatic fire alarm system where such system is provided.

43. Amend Subsection 5601.1.3 and exceptions to read as follows:

5601.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited within the City of Coppell and within 5,000 feet of its borders.

Exception: Approved, professional displays in accordance with Sections 5604 and 5608 shall be permitted on a case-to-case basis.

44. Amend Section 5703.6 to read as follows:

5703.6 Piping systems. Piping systems, and their component parts, for flammable and combustible liquids shall be in accordance with this section, including an approved method of secondary containment shall be provided for underground tanks and piping systems.

45. Amend Subsection 5704.2.11.4 and by adopting 5704.2.11.4.3 to read as follows:

5704.2.11.4 Leak prevention. Leak prevention for underground tanks shall comply with Sections 5704.2.11.4.1 through 5704.2.11.4.3. An approved method of secondary containment shall be provided for underground tanks and piping systems.

5704.2.11.4.3 Observation wells. Approved sampling tubes of a minimum 4 inches in diameter shall be installed in the backfill material of each underground flammable or combustible liquid storage tank. The tubes shall extend from a point 12 inches below the average grade of the

excavation to ground level and shall be provided with suitable surface access caps. Each tank site shall provide a sampling tube at the corners of excavation with a minimum of 4 tubes. Sampling tubes shall be placed in the product line excavation within 10 feet of the tank excavation and one every 50 feet routed along product lines towards the dispensers, a minimum of 2 are required.

46. Amend Section 6103.2 by adopting 6103.2.1.8 to read as follows:

Section 6103.2.1.8 Jewelry repair, dental labs and similar occupancies. Where natural gas service is not available, portable LP-gas containers are allowed to be used to supply approved torch assemblies or similar appliances. Such containers shall not exceed 20-pound water capacity. Aggregate capacity shall not exceed 60-pound water capacity. Each container shall be separated by 20 feet or a one-hour construction barrier.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppel, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

Coppell Fire Department recommended amendments to the 2024 International Fire Code

The following pages will show the base code verbiage and the proposed City of Coppell amendment along with an explanation of why the amendment is important to our community.

2024 International Fire Code:

307.2 Permit required. A permit shall be obtained from the fire code official in accordance with Section 105.5 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or a bonfire. Application for such approval shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.

Coppell Fire Department proposed amendment:

307.2 Permit required. A permit shall be obtained from the fire code official in accordance with Section 105.5 prior to kindling a fire for recognized silvicultural or range or wildlife management practices, prevention or control of disease or pests, or opening burning. Application for such approval shall only be presented by and permits issued to the owner of the land upon which the fire is to be kindled.

Examples of state or local law, or regulations referenced elsewhere in this section may include but not be limited to the following:

1. Texas Commission on Environmental Quality guidelines and/or restrictions.
2. State, County or Local temporary or permanent bans on open burning.
3. Local written policies as established by the fire code official.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. A permit is required for these types of burns for various safety and even air quality purposes. Coppell Fire Department needs to have the authority to prohibit these actions

2024 International Fire Code:

307.4 Location. The location for open burning shall not be less than 50 feet (15240mm) from any structure, and provisions shall be made to prevent the fire from spreading to within 50 (15240mm) of any structure.

Exceptions:

1. Fires in approved containers that are not less than 15 feet from a structure.
2. The minimum required distance from a structure shall be 25 feet where the pile size is 3 feet or less in diameter and 2 feet or less in height.

307.4.1 Bonfires. A bonfire shall not be conducted within 50 feet (15240 mm), of a structure or combustible material, unless the fire is contained in a barbecue pit. Conditions that could cause a fire to spread to 50 feet (15240 mm) of a structure shall be eliminated prior to ignition.

Coppell Fire Department proposed amendment:

307.4 Location. Recreational fires as they relate to approved ceremonial situations or within approved devices such as outdoor barbeque grills with lids, chimenias or outdoor fireplaces shall be permitted in accordance with 307.4.2 Recreational Fires. Bonfires, trench burns, garbage/waste disposal fires and related outdoor burning shall be prohibited in the City of Coppell.

307.4.1 Bonfires. Bonfires shall be prohibited in the City of Coppell.

307.4.4 Trench Burns. Trench burns shall be prohibited in the City of Coppell.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. Notable difference in the base code and our proposed amendment is the prohibition of bonfires and trench burns. This amendment has been in our ordinance for over 30 years due to safety and environmental concerns.

2024 International Fire Code:

314.4 Vehicles. Electric, liquid-fueled, or gaseous-fueled vehicles, aircraft, boats, or other motorcraft shall not be located indoors except as follows:

1. The engine starting system is made inoperable or ignition batteries are disconnected except where the fire code official requires that the batteries remain connected to maintain safety features.
2. Fuel in fuel tanks does not exceed any of the following:
 - 2.1. Class I, II, and III liquid fuel does not exceed one-quarter tank or 5 gallons (19 L), whichever is less.
 - 2.2. LP gas does not exceed one-quarter tank or 6.6 gallons (25 L), whichever is less.
 - 2.3. CNG does not exceed one-quarter tank or 630 cubic feet (17.8 m³), whichever is less.
 - 2.4. Hydrogen does not exceed one-quarter tank or 2,000 cubic feet (57 m³), whichever is less.
3. Fuel tanks and fill openings are closed and sealed to prevent tampering.
4. Vehicles, aircraft, boats, or other motor craft equipment are not fueled or defueled within the building.

Coppell Fire Department proposed amendment:

314.4 Vehicles. Electric, liquid-fueled or gaseous-fueled vehicles, aircraft, boats or other motorcraft shall not be located indoors except as follows:

- ...
5. Batteries in electric vehicles shall be rendered inoperable by the removal of fuses or other approved methods but shall not be required to be disconnected. Electric vehicles shall not be charged inside buildings, other than where approved in parking garages, or unless otherwise approved by the fire code official.

Explanation:

This code requirement is for indoor display, for example a vehicle located at an indoor shopping mall, not for a single-family residence garage. The addition of #5 is consistent with the North Central Texas Council of Government recommended changes.

2024 International Fire Code:

The 2024 International Fire Code does not address our proposed amendment.

Coppell Fire Department proposed amendment:

323 Electric Vehicles (EV).

323.1 Electric Vehicle Charging Stations. Electric vehicle (EV) charging stations shall not be located inside buildings, except in one- and two-family dwelling garages, where approved for parking garage locations as per the National Electrical Code and within vehicle service/maintenance facilities as approved by the fire code official.

323.1.1 Charging Stations Inside Parking Garage. EV charging stations located in parking garages shall be located at grade level along the exterior perimeter walls and shall be within 150 feet of fire apparatus access roadway, or shall be located on the top level of the garage with no roof above.

323.1.2 Charging Stations inside R-3 and R-4 occupancies. Approved charging stations in the private garage shall have a listed heat alarm installed in the garage and interconnected to the smoke alarms inside the dwelling.

323.2 Disconnect. Locations containing electric vehicle charging stations shall be provided with a clearly identified and readily accessible emergency disconnect installed in an approved location.

The emergency disconnects for exterior electric vehicle charging stations shall be located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from the charging stations, unless otherwise approved by the fire code official. Interior electric vehicle charging stations shall be located near a firefighter entry door approved by the fire code official.

323.2.1 Height. The height of the emergency disconnect switch shall be not less than 42 inches (1067 mm) and not more than 48 inches (1219 mm) measured vertically, from the floor level to the activating button.

323.2.2 Emergency Disconnect Sign. Emergency disconnect devices shall be distinctly labeled as: "EMERGENCY ELECTRIC VEHICLE CHARGER DISCONNECT." Signs shall be placed in an approved location and shall consist of all the following:

1. White reflective background with red letters.
2. Weather-resistant durable material.
3. Lettering not less than 2 inches (51 mm) high.
4. Permanently affixed to a pole, the building or structure in an approved manner.

Exception: A labeled electrical breaker is required for one- and two-family dwelling garages, and R-3 or R-4 private garages.

323.3 Damaged Electric Vehicle Batteries. Damaged electric vehicle batteries shall not be stored inside any building.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The 2024 International Fire Code does not adequately address the issue. The proposed verbiage is consistent with proposed changes to the 2027 International Fire Code.

2024 International Fire Code:

The 2024 International Fire Code does not address our proposed amendment

Coppell Fire Department proposed amendment:

401.3.4 False Alarms and Nuisance Alarms. False alarms and nuisance alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner. The technician performing maintenance on any system capable of transmitting an alarm to the Emergency Dispatch Center shall notify the center, as well as the monitoring company for the property, prior to any work being performed on the system. In addition, the technician shall notify the Emergency Dispatch Center, as well as the monitoring company for the property, immediately upon placing the system back in service.

Explanation:

The proposed amendment is common to the 4 jurisdictions (Addison, Carrollton, Coppell and Farmers Branch) that utilize North Texas Emergency Communications Center (NTECC) as their emergency dispatch center. To reduce the number of automatic fire alarm calls and the potential delay of emergency services to others in need, we ask that alarm technicians notify the dispatch center of their presence at a building.

2024 International Fire Code:

503.1.1 Buildings and Facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by maximum hose distance or an approved route around the exterior of the building.

503.1.2 Additional Access. The fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition or terrain, climatic conditions or other factors that could limit access.

Coppell Fire Department proposed amendment:

503.1.1 Buildings and Facilities. Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by maximum hose distance or an approved route around the exterior of the building.

Exception: Except for one- or two-family residences, the path of measurement shall be along a minimum of a ten feet (10') wide unobstructed pathway around the external walls of the structure.

503.1.2 Additional Access. The Fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition or terrain, climatic conditions or other factors that could limit access. The Fire code official is hereby authorized and empowered to establish and designate fire lanes as deemed necessary for the proper ingress and egress of emergency vehicles. Any fire lane designated by the Fire code official shall become effective as of the date so designated.

503.1.4. General Maintenance. (a) The Fire code official shall report any negligent surface conditions, markings, or signs to the owner or person in control of property upon which a fire lane exists and shall issue instructions for repair. (b) It shall be unlawful for the owner or person in control of property upon which a fire lane has been designated or exists to fail to maintain the surface of the fire lane in good condition, free of potholes and other non-approved obstructions. (c) It shall be unlawful for the owner or person in control of property on which a fire lane has been designated or exists to fail to maintain any marking of the fire lane as required by this code in a condition which is not clearly legible. (d) Fire lanes shall be installed in accordance with City of Coppell Engineering Standards and Details prior to buildings being constructed above finished floor grade.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years giving the Fire code official authority to designate where fire lanes are needed and properly maintained.

2024 International Fire Code:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet and an unobstructed vertical clearance of not less than 13 feet 6 inches.

503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving capabilities.

503.2.4 Turning Radius. The required turning radius of a fire apparatus access road shall be determined by the fire code official.

Coppell Fire Department proposed amendment:

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 24 feet (24') and an unobstructed vertical clearance of not less than 14 feet (14'). The Fire code official shall have the authority to increase the width of fire lanes at the entrances off public streets to include the entire width of the drive opening.

503.2.3 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be constructed to the City of Coppell Engineering Standards and Details. All fire lanes shall be capable of supporting an 85,000-pound vehicle.

503.2.4 Turning Radius. The required turning radius of a fire apparatus access road shall be a minimum of 30 feet inner radius and 54 feet exterior radius. The required turning radii may be decreased if the width of the fire lane increases, as approved by the Fire code official.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The dimensions are slightly increased due to the size of the apparatus. When the apparatus stabilizers are extended or when large diameter hoses are utilized, the apparatus is over 14 feet wide, leaving a 10-foot drive for additional emergency apparatus to potentially pass by and for additional working area.

2024 International Fire Code:

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 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.

Coppell Fire Department proposed amendment:

503.3 Marking. Where required by the Fire code official, approved striping or, when allowed by the Fire code official, signs, or both, or other approved notices shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Signs or notices and striping shall be maintained in a clean and legible condition at all times and replaced or repaired when necessary to provide adequate visibility.

1) Striping—Fire apparatus access roads shall be marked by painted lines of red traffic paint six inches (6") in width to show the boundaries of the lane. The words "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" shall appear in four inch (4") white letters at 15 feet intervals on the red border markings along both sides of the fire lanes.

2) Signs—Shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be 12" wide and 18" high. Signs shall be painted on a white background with letters and borders in red, using not less than 2" lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above finished grade. Signs shall be spaced not more than fifty feet (50') apart. Signs may be installed on permanent buildings or walls if approved by the Fire code official.

3) Brick pavers—Brick paver 'banding' of fire lanes may be approved on a case-by-case basis. Red brick pavers shall be of contrasting colors to provide the visual identity of a 'normally striped' fire lane.

Explanation:

Provides clarification for the fire lane markings approved in Coppell.

2024 International Fire Code:

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 established in Sections 503.2.1 and 503.2.2 shall be maintained at all times.

Coppell Fire Department proposed amendment:

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed by persons in any manner, including parking, stopping or standing any non-emergency vehicle, whether attended or unattended, in a fire lane. The minimum widths and clearances established in Section 503.2.1 and any area marked as a fire lane as described in Section 503.3 shall be maintained at all times. The operator of a premise shall maintain, free of obstruction, all fire lanes on his premises. No person may mark, post or otherwise identify a non-fire lane private vehicular passageway as a fire lane or in such a manner as tends to create confusion as to whether the passageway is a fire lane. Any unauthorized vehicle on a fire lane is: (1) Subject to removal by the operator of the premises, with the expense of removal and storage to be borne by the registered owner of the vehicle. (2) Subject to citation, as well as removal, by the Fire code official or a police officer, and (3) Prima facie evidence that the person in whose name the vehicle is registered is guilty of a violation of the parking provisions of this section.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years, adds the legal/punitive verbiage that our municipal judges need for prosecution of the potential citations.

2024 International Fire Code:

507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official.

507.5.3 Private fire service mains and water tanks. Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with NFPA 25 at the following intervals:

1. Private fire hydrants of all types: inspection annually and after each operation; flow test and maintenance annually.
2. Fire service main piping: inspection of exposed, annually; flow test every 5 years.
3. Fire service main piping strainers: inspection and maintenance after each use.

Coppell Fire Department proposed amendment:

507.5.1 Where required. Where a portion of the facility or building is more than 150 feet from a hydrant on a public right-of-way, as measured by an approved route around the exterior of the facility or building, or if the building is equipped with an automatic fire sprinkler system/fire department connection, on-site fire hydrants and mains shall be provided where required by the Fire code official.

Exceptions: For Group R-3 occupancies, the distance requirement shall be 600 feet.

507.5.3 Private fire service mains and water tanks. Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with NFPA 25 at the following intervals:

1. Private fire hydrants (all types): Inspected annually; flow test and maintenance in accordance with NFPA 25.
2. Fire service main piping: Inspection of exposed, annually; flow test every 5 years.
3. Fire service main piping strainers: Inspection and maintenance after each use.
4. Private fire hydrants or those hydrants supplied through or by a fire pump shall be painted safety red.
5. All fire hydrant locations shall be identified by the installation of a blue reflective marker, according to City specifications.
6. Private fire hydrants shall be installed and operational prior to buildings being constructed above finished floor grade.
7. Private fire hydrant annual flow test information and labeled site map shall be forwarded to the Coppell Fire Department upon completion of the service.

Explanation:

This amendment is consistent with the North Central Texas Council of Governments recommendation and has been City of Coppell ordinance for over 20 years. Provides additional information on Coppell specific requirements on when fire hydrants are to be installed and what markings are required.

2024 International Fire Code:

The 2024 International Fire Code does not address our proposed amendment.

Coppell Fire Department proposed amendment:

605.2.1.6 Maintenance of Chimneys. All multi-family occupancies where fireplaces utilizing solid fuel are used shall have the chimneys inspected and/or cleaned by a certified chimney sweep on a yearly basis. A report of each inspection and/or cleaning shall be submitted to the Fire Prevention Division and maintained by the onsite property manager.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years, ensures the chimneys at apartment complexes are inspected annually.

2024 International Fire Code:

807.5.2.2 Artwork in corridors. Artwork and teaching materials shall be limited on the walls of corridors to not more than 20 percent of the wall area.

Coppell Fire Department proposed amendment:

807.5.2.2 Artwork in corridors and classrooms. Artwork and teaching materials shall be limited on the walls of corridors and classrooms to not more than 20 percent of the wall area. Such materials shall not be continuous from floor to ceiling or wall to wall. Curtains, draperies, wall hangings, and other decorative material suspended from the walls or ceilings shall meet the flame propagation performance criteria of NFPA 701 in accordance with Section 807 or be noncombustible.

Exception: Corridors protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 shall be limited to 50 percent of the wall area.

Explanation:

This amendment is consistent with the North Central Texas Council of Governments recommendation and has been City of Coppell ordinance for over 20 years. Allows for increased artwork and teaching materials on walls/ceilings in buildings equipped with automatic fire sprinkler systems.

2024 International Fire Code:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted instead of automatic fire sprinkler protection where recognized by the applicable standard and approved by the fire code official.

Coppell Fire Department proposed amendment:

903.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in addition to automatic fire sprinkler protection where recognized by the applicable standard, or as approved by the fire code official.

Explanation:

This amendment is consistent with the North Central Texas Council of Governments and has been City of Coppell ordinance for over 20 years. Requires buildings equipped with automatic fire sprinkler systems to be fully covered. This amendment does not prohibit the use of alternative protection, just ensures the fire sprinkler system is maintained in those areas as a secondary means of fire suppression.

2024 International Fire Code:

903.2 Where required. Approved automatic fire sprinkler systems in new buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.12.

Coppell Fire Department proposed amendment:

903.2 Where required. In addition to the remainder of 903.2, an approved automatic fire extinguishing system (fire sprinkler system) shall be installed and maintained in accordance with the current versions of NFPA 13, Standard for the Installation of Sprinkler Systems and NFPA 25 Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems in the following occupancies:

1. All new buildings and new additions to existing buildings greater than 5,000 square feet.
2. All new windowless buildings or buildings with a basement, regardless of square footage.
3. All new Group R buildings, excluding single family dwellings. Protection is required throughout all living areas, including, but not limited to small rooms and enclosed attached garages.
4. All buildings or structures, two (2) or more stories or thirty-five feet (35') in height, excluding Group R-3.
5. All Group R-3 building with a gross square footage greater than 10,000 square feet.
6. All Group R-3 occupancies which contain two or more separate dwelling units. Residential or quick response standard sprinklers shall be used in the dwelling units.
7. All Group R-1 occupancies. Residential or quick response standard sprinklers shall be used in the dwelling units and guest room portions of the building.
8. All Group A-5 occupancies greater than 1,000 square feet.
9. All Group A-2 occupancies greater than 2,000 square feet, unless Type I or II construction is utilized for the building, then greater than 5,000 square feet.
10. All Group H and Group I occupancies regardless of square footage.
11. Throughout all occupancies classified as 'self-service storage facility'.
12. F-1 and S-1 occupancies used for manufacture or storage of upholstered furniture or mattresses greater than 2,500 square feet.

903.2.13 General. The following fire and life safety items are required for applicable buildings.

The system shall be designed according to NFPA standards on all floors of the building.

All buildings equipped with an approved automatic sprinkler system shall also be equipped with an approved, monitored fire alarm system, meeting the requirements of NFPA 72 and this code. In addition to the building requirements listed above, the following requirements must be met:

1. Where standpipes are required, all standpipe locations are to be marked by painting the entire drop "Safety RED" with blue retro-reflective tape at 1 and 10-foot levels above valves. Where standpipes are located in office areas, cabinets shall be readily distinguishable from surrounding wall coverings.
2. All personnel doors are to be numbered in six-inch (6") high numbers on the inside and outside of the doors. The numbering is to begin at the pump room and continue counterclockwise around the building. The pump room is to have "PUMP ROOM" on the outside of the door in minimum six-inch (6") high letters. On all buildings without a pump room, the first personnel door to the right of the main entrance is to be labeled door "1" and continue in a

counterclockwise direction. Doors are to be numbered sequentially. No personnel doors and dock doors are to be labeled with the same number. All numbers are to be of a contrasting color to the background.

3. Zone maps and operational instructions are to be posted near the fire alarm panel.

4. A plan showing the location of each pull station, duct detector, mechanical smoke exhaust fan and personnel door locations (by door number) shall be located near the alarm panel.

5. Each sprinkler riser shall be identified by a unique four-inch (4") number above the main valve. If the sprinkler riser, 4-inch or larger, passes through a ceiling, wall or enclosure, an additional four-inch (4") number shall be placed on the riser pipe at a point that is easily visible from floor level. A plan showing the coverage area of each system shall be posted adjacent to the fire alarm panel.

6. Fire sprinkler risers/fire pump rooms shall be directly accessible from an exterior door. The room shall be properly sized for adequate personnel maneuverability and serviceability. Room without a pump, minimum size of fifty-six square feet (56 sq. ft.), with a minimum dimension of seven feet (7'), with a pump, minimum size of one hundred square feet (100 sq. ft.), with a minimum dimension of 10 feet (10 ft). Exterior weatherproof strobe shall be installed.7.

Evacuation of Buildings. Upon any fire alarm activation, all occupants shall immediately evacuate all portions of the building and shall remain outside of the structure until it has been determined that it is safe to return.

Explanation:

This amendment has been City of Coppel ordinance for over 20 years. In an effort to place all the common occupancy types that are required to be equipped with automatic fire sprinkler in one amendment and to provide specifications.

2024 International Fire Code:

903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system, sprinklers shall be installed throughout in accordance with NFPA 13 except as provided in Sections 903.3.1.1.1 through 903.3.1.1.3.

903.3.1.1.1 Exempt Locations. Automatic sprinklers shall not be required in the following rooms or areas where such rooms or areas are protected with an approved fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from a room merely because it is damp, of fire resistance-rated construction or contains electrical equipment.

Coppell Fire Department proposed amendment:

903.3.1.1 NFPA 13 sprinkler systems. Where the provisions of this code require that a building or portion thereof be equipped throughout with an automatic sprinkler system, sprinklers shall be installed throughout in accordance with NFPA 13, latest edition, except as provided in Section 903.3.1.1.1.

903.3.1.1.1 Exempt Locations. When approved by the fire code official, automatic sprinklers shall not be required in the following rooms or areas where such rooms are protected with an approved fire detection system in accordance with Section 907.2 that will respond to visible or invisible particles of combustion. Sprinklers shall not be omitted from any room merely because it is damp, of fire-resistance rated construction or contains electrical equipment.

1. Any room where the application of water, or the combination of flame and water, constitutes a serious life or fire hazard.
2. Any room or space where sprinklers are considered undesirable because of the nature of the contents, when approved by the fire code official.

Explanation:

This amendment is consistent with the North Central Texas Council of Governments and has been City of Coppell ordinance for over 20 years. The changes allow the fire code official to evaluate the removal of automatic fire sprinklers from certain areas of buildings based on personal experiences and/or 3rd party supported documentation. The amendment also deletes the automatic fire protection for Group R bathrooms, meaning these areas are required to be protected.

2024 International Fire Code:

903.3.1.2 NFPA 13R sprinkler systems. Automatic sprinkler systems in Group R occupancies shall be permitted to be installed throughout in accordance with NFPA 13R where the Group R occupancy meets all of the following conditions.

1. Four stories or less above grade plane.
2. For other than Group R2 occupancies, the floor level of the highest story is 30 feet or less above the lowest level of fire department vehicle access.

Coppell Fire Department proposed amendment:

903.3.1.2 NFPA 13R sprinkler systems. Automatic sprinkler systems in Group R occupancies shall be permitted to be installed throughout in accordance with NFPA 13R where the Group R occupancy fire protection is required to be extended to small rooms, closets, balconies and attached enclosed garages.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. The requirement emphasizes the necessity of the automatic fire sprinkler system to be extended into areas sometimes overlooked by design professionals and installers.

2024 International Fire Code:

903.3.5 Water supplies. Water supplies for automatic sprinkler system shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. For connections to public waterworks systems, the water supply test used for design of fire protection systems shall be adjusted to account for seasonal and daily pressure fluctuations based on information from the water supply authority and as approved by the fire code official.

Coppell Fire Department proposed amendment:

903.3.5 Water supplies. Water supplies for automatic sprinkler system shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the International Plumbing Code. Water supplies as required for such systems shall be provided in conformance with the supply requirements of the respective standards; however, every fire protection system shall be designed with a 10-psi safety factor.

When any portion of the facility or buildings protected is in excess of 150 feet from a water supply on a public street, as measured by an approved route around the exterior of the facility or building, additional fire hydrants and mains capable of supplying the required fire flow shall be required. Additional hydrant locations shall be based on fire load, internal fire protection systems, required fire flow, vehicular traffic, fire lanes, and other special circumstances. Fire hydrants shall be spaced no farther than six hundred feet (600') in residential areas and three hundred feet (300') in other than residential areas, measured center-on-center. These distances may be modified when sufficient data is provided showing equivalent fire protection can be maintained. Fire hydrants shall be located no closer than three feet (3') nor farther than six feet (6') from a fire lane. Fire supply lines shall be looped systems with no dead-end mains or fire lines greater than one hundred fifty feet (150') in length unless approved by the Fire code official.

Explanation:

This amendment is consistent with the North Central Texas Council of Governments and has been City of Coppell ordinance for over 20 years. This amendment specifies the required 10-psi safety factor and the locations of fire hydrants. The locations of fire hydrants are specified in the City of Coppell Engineering Standards.

2024 International Fire Code:

905.1 General. Standpipe systems shall be provided in new buildings and structures in accordance with Sections 905.2 through 905.11. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 32.

Coppell Fire Department proposed amendment:

905.1 General. Standpipe systems shall be provided in new buildings and structures in accordance with Sections 905.2 through 905.11. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 32.

All buildings greater than 20,000 square feet, except for Group R-3, shall be equipped with 2 1/2" hose valves stations. The hose valve locations shall be supplied by a minimum 2 1/2" line from the automatic fire sprinkler system. The hose valve stations shall consist of a 2 1/2" valve. A demand of a minimum of 150 GPM shall be included in the hydraulic calculations. Spacing for the hose valves shall be based on one hundred feet (100') hose lay and thirty feet (30') of stream, beginning at the nearest fire department entry door.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. The requirement provides for fire hose valve locations on the interior of large buildings.

2024 International Fire Code:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons or more than 100 persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the International Building Code shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for Group E occupancy.

Exceptions:

1. Manual fire alarm boxes are not required where the building is equipped throughout with an automatic system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.
2. ...(outdoor seating – bleacher seating)

Coppell Fire Department proposed amendment:

907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A occupancies having an occupant load of 300 or more persons or more than 100 persons above or below the lowest level of exit discharge. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the International Building Code shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for Group E occupancy.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. Requires the manual pull stations to be installed in the Group A (assembly) occupancies even though the building is equipped with automatic fire sprinklers. The occupants have the potential of seeing an emergency situation prior to the activation of the fire sprinkler system activation and allowing them to set off the fire alarm system earlier, giving a few extra seconds to evacuate the building.

2024 International Fire Code:

907.2.1.1 System Initiation in Group A Occupancies with an Occupant Load of 1,000 or more. Activation of the fire alarm in Group A occupancies with an occupancy load of 1,000 or more shall immediately initiate a signal using an emergency voice/alarm communications system in accordance with Section 907.5.2.2.

Exception: When approved, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three (3) minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended location

Coppell Fire Department proposed amendment:

907.2.1.1 System Initiation in Group A Occupancies with an Occupant Load of Three Hundred (300) or more. Activation of the fire alarm in Group A occupancies with an occupancy load of three hundred (300) or more shall immediately initiate an approved prerecorded message announcement using an approved voice communication system in accordance with Section 907.5.2.2 and NFPA 72 that is audible above the ambient noise level of the occupancy.

Exception: When approved, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three (3) minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended location.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. The requirement for an emergency voice/alarm communications system was lowered from 1,000 persons to 300 persons. These types of systems provide specific evacuation instructions as well as the standard alarm notification.

2024 International Fire Code:

907.2.2 Group B. A manual fire alarm system, which activate the occupant notification system in accordance with Section 907.5, shall be installed in Group B occupancies where one of the following conditions exists:

1. The combined Group B occupant load of all floors is 500 or more.
2. The Group B occupant load is more than 100 persons above or below the level of exit discharge.
3. The fire area contains an ambulatory care facility.

Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic system installed in accordance with Section 903.3.1.1 and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.

Coppell Fire Department proposed amendment:

907.2.2 Group B. A manual fire alarm system, which activate the occupant notification system in accordance with Section 907.5, shall be installed in Group B occupancies where one of the following conditions exists:

1. The combined Group B occupant load of all floors is 500 or more.
2. The Group B occupant load is more than 100 persons above or below the level of exit discharge.
3. The fire area contains an ambulatory care facility.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. Requires the manual pull stations to be installed in the Group B (business) occupancies even though the building is equipped with automatic fire sprinklers. The occupants have the potential of seeing an emergency situation prior to the activation of the fire sprinkler system activation and allowing them to set off the fire alarm system earlier, giving a few extra seconds to evacuate the building.

2024 International Fire Code:

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E occupancies. Where automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system.

Coppell Fire Department proposed amendment:

907.2.3 Group E. A manual fire alarm system that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E occupancies. When automatic fire extinguishing systems or automatic fire alarm systems are installed, such systems or detectors shall be connected to the building fire alarm system. An approved smoke detection system shall be installed in all Group E day care occupancies. All buildings, whether portable buildings or the main building, will be considered one building for alarm occupant load consideration and interconnection of alarm system.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. Requires the manual pull stations to be installed in the Group E (educational) occupancies even though the building is equipped with automatic fire sprinklers. The occupants have the potential of seeing an emergency situation prior to the activation of the fire sprinkler system activation and allowing them to set off the fire alarm system earlier, giving a few extra seconds to evacuate the building. Also, this amendment requires smoke detection systems installed in all 'day care' facilities for earlier emergency detection for persons needing assistance.

2024 International Fire Code:

907.2.4 Group F. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies where both of the following conditions exist:

1. The Group F occupancy is two or more stories in height.
2. The Group F occupancy has a combined occupant load of 500 or more above or below the lowest level of exit discharge.

Coppell Fire Department proposed amendment:

907.2.4 Group F. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies greater than 75,000 gross square feet or are two or more stories in height.

Explanation:

This amendment has been City of Coppell ordinance for over 20 years. Requires the manual pull stations to be installed in Group F (factory) occupancies even though the building is equipped with automatic fire sprinklers. The occupants have the potential of seeing an emergency situation prior to the activation of the fire sprinkler system activation and allowing them to set off the fire alarm system earlier, giving a few extra seconds to evacuate the building.

2024 International Fire Code:

907.2.13 High-rise buildings. High-rise buildings shall be provided with an automatic smoke detection system in accordance with Section 907.2.13.1, a fire department communications system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

Exceptions:

1. Airport traffic control towers
2. Open parking garages
3. Buildings with an occupancy Group A-5
4. Low-hazard special occupancies
5. Buildings with an occupancy in Group H-1, H-2 or H-3
6. In Group I-1 and I-2 occupancies, the alarm shall sound a constantly attended location and occupant notification shall be broadcast by the emergency voice/alarm communications system.

Coppell Fire Department proposed amendment:

907.2.13 High-rise buildings. Buildings with a floor used for human occupancy located more than fifty-five feet (55') above the lowest level of fire department vehicle access shall be provided with an automatic smoke detection system in accordance with Section 907.2.13.1, a fire department communications system in accordance with Section 907.2.13.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The amendment has been City of Coppell ordinance for over 20 years, lowering the high-rise definition from 75' to 55' and requiring the upgraded fire alarm system for safety purposes.

2024 International Fire Code:

907.6.3 Initiating device identification. The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate.

Exceptions:

1. Fire alarm systems in single-story buildings less than 22,500sf in area.
2. Fire alarm systems that only include manual fire alarm boxes, waterflow initiating devices and not more than 10 additional alarm-initiating devices.
3. Special initiating devices that do not support individual device identification.
4. Fire alarm systems or devices that are replacing existing equipment.

Coppell Fire Department proposed amendment:

907.6.3 Initiating device identification. The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate. A minimum of one audible device shall be installed in each tenant space for automatic fire sprinkler system monitoring systems. Waterflow alarm signals shall be silenceable.

Exception: Existing systems need not comply unless the total building remodel or expansion exceeds 25% of the original building.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The amendment removes the exceptions and provides additional details for fire alarm systems. The removal of the square footage and number of device requirements is necessary due to buildings being equipped with fire sprinkler systems.

2024 International Fire Code:

910.4 Mechanical smoke removal systems. Mechanical smoke removal systems shall be designed and installed in accordance with Sections 910.4.1 through 910.4.7.

910.4.3 System design criteria. The mechanical smoke removal system shall be sized to exhaust the building at a minimum rate of two air changes per hour based on the volume of the building or portion thereof without contents. The capacity of each exhaust fan shall not exceed 30,000cfm.

Coppell Fire Department proposed amendment:

910.4 Mechanical smoke removal systems. Where approved by the fire code official, engineered mechanical smoke removal systems shall be an acceptable alternative to smoke and heat vents. In buildings equipped with an Early Suppression Fast Response (ESFR) sprinkler system or a Class IV sprinkler system, curtain boards and smoke and heat vents are to be eliminated, and an approved mechanical smoke removal system utilized.

910.4.3 System design criteria. The mechanical smoke removal system shall be sized to exhaust the building at a minimum rate of four (4) air changes per hour based upon the volume of the building or portion thereof without contents. The capacity of each exhaust fan shall not exceed 30,000 cubic feet per minute.

Supply air for exhaust fans shall be provided at or near the floor level and shall be sized to provide a minimum of twenty-five percent (25%) of required exhaust. Openings for supply air shall be uniformly distributed around the periphery of the area served. Personnel doors and dock doors shall not be considered as part of the supply air system.

This system must de-activate all fans upon initiation of the fire alarm system. The system shall have a manual override system in addition to the vent controls located in the protected area. A separate Fire Department access or key switch may be required at a remote location in the building. Each individual fan shall be capable of being activated by a fireman's override switch located in the pump room. Design of the mechanical smoke and heat removal system shall be based on a minimum of four (4) air changes per hour. When activated by the fire alarm, all other mechanical ventilation systems shall shut down. Fans shall be capable of continuous operation even after main building power has been deactivated.

A 3rd party Fire Protection Engineer report may be evaluated on a case-by-case basis. The City of Coppell will not be responsible for the report costs. Submission of the report is not a guarantee that the above system design criteria will not be required to be followed.

Explanation:

The amendment has been City of Coppell ordinance for over 20 years. The design criteria are proven to be effective in the smoke management and property conservation in our large warehouses and for firefighter safety during an emergency event.

2024 International Fire Code:

The 2024 International Fire Code does not address our proposed amendment, adding exception.

1020.2 Construction. Corridors shall be fire-resistance rated in accordance with Table 1010.2. The corridor walls required to fire-resistance rated shall comply with Section 708 of the International Building Code for fire partitions.

Coppell Fire Department proposed amendment:

1020.2 Construction. Corridors shall be fire-resistance rated in accordance with Table 1010.2. The corridor walls required to fire-resistance rated shall comply with Section 708 of the International Building Code for fire partitions.

Exceptions:

...

6. In group B occupancies, corridor walls and ceilings need not be of fire-resistive construction within a single tenant space when the space is equipped with approved automatic smoke-detection within the corridor. The actuation of any detector shall activate self-annunciating alarms audible in all areas within the corridor. Smoke detectors shall be connected to an approved automatic fire alarm system where such system is provided.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The amendment has been City of Coppell ordinance for over 20 years. The proposed amendment allows a single tenant space to install an approved fire alarm system in lieu of a fire-rated corridor.

2024 International Fire Code:

5601.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited

Exceptions:

1. Storage and handling of fireworks as allowed in Section 5604.
2. Manufacture, assembly and testing of fireworks as allowed in Section 5605.
3. The use of fireworks for fireworks displays as allowed in Section 5608.
4. The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks where allowed by applicable laws, ordinances and regulations, provided such fireworks and facilities comply with the 2006 edition of NFPA 1124, CPSC 16 CFR Parts 1500 and 1507, DOTn 49 CFR Parts 100-185, as applicable for consumer fireworks.

Coppell Fire Department proposed amendment:

5601.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited within the City of Coppell and within 5,000 feet of its borders.

Exceptions:

1. Approved, professional displays in accordance with Sections 5604, 5605 and 5608 shall be permitted on a case-to-case basis.
2. The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks where allowed by applicable laws, ordinances and regulations, provided such fireworks and facilities comply with the 2006 edition of NFPA 1124, CPSC 16 CFR Parts 1500 and 1507, DOTn 49 CFR Parts 100-185, as applicable for consumer fireworks.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The amendment was altered this year from previous code cycles due to State law changes allowing the consumer grade fireworks to be stored and used under specific conditions.

2024 International Fire Code:

5703.6 Piping systems. Piping systems, and their component parts, for flammable and combustible liquids shall be in accordance with Sections 57003.6.1 through 5703.6.11.

Coppell Fire Department proposed amendment:

5703.6 Piping systems. Piping systems, and their component parts, for flammable and combustible liquids shall be in accordance with Sections 57003.6.1 through 5703.6.11. An approved method of secondary containment shall be provided for underground tank and piping systems.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The amendment has been City of Coppell ordinance for over 20 years. The amendment is industry standard; however, the fire code still doesn't adequately address the need of secondary containment for underground tanks and piping. NFPA standards, which the fuel industry does tend to follow, requires secondary containment.

2024 International Fire Code:

5704.2.11.4 Leak prevention. Leak prevention for underground tanks shall comply with Sections 5704.2.11.4.1 and 5704.2.11.4.2.

Coppell Fire Department proposed amendment:

5704.2.11.4 Leak prevention. Leak prevention for underground tanks shall comply with Sections 5704.2.11.4.1 through 5704.2.11.4.3. An approved method of secondary containment shall be provided for underground tanks and piping systems.

5704.2.11.4.3 Observation wells. Approved sampling tubes of a minimum 4 inches in diameter shall be installed in the backfill material of each underground flammable or combustible liquid storage tank. The tubes shall extend from a point 12 inches below the average grade of the excavation to ground level and shall be provided with suitable surface access caps. Each tank site shall provide a sampling tube at the corners of excavation with a minimum of 4 tubes. Sampling tubes shall be placed in the product line excavation within 10 feet of the tank excavation and one every 50 feet routed along product lines towards the dispensers, a minimum of 2 are required.

Explanation:

This is consistent with the North Central Texas Council of Governments recommended changes. The amendment has been City of Coppell ordinance for over 20 years. The amendment is industry standard; however, the fire code still doesn't adequately address the need of secondary containment for underground tanks and piping. The observation wells requirement is a practical means to check for potential leaks at an underground fuel tank site. This is a recommended practice that is endorsed by the Texas Commission on Environmental Quality.

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-6, “FUEL GAS CODE”, TO TITLE IT “MECHANICAL CODE” AND TO ADOPT THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION, AS THE CITY OF COPPELL MECHANICAL CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the City of Coppel Code of Ordinances be, and the same is, hereby amended by amending Chapter 15, Article 15-6, “Mechanical Code”, in part to adopt the International Mechanical Code, 2024 Edition, and all appendices, with amendments to read as follows:

ARTICLE 15-6. MECHANICAL CODE

Sec. 15-6-1. Mechanical Code - Adopted.

There is hereby adopted the International Mechanical Code, 2024 Edition, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-6-2. Amendments.

The following sections of the International Mechanical Code, 2024 Edition, are hereby amended to read as follows:

1. Amend Section 101.1: Title to read as Follows:

[A] 101.1 Title. These regulations shall be known as the *Mechanical Code* of the City of Coppell, hereinafter referred to as “this code.”

2. Amend Section 306.3, to read as follows:

306.3 Appliances in attics. Attics containing appliances requiring *access* shall be provided . . . *{bulk of paragraph unchanged}* . . . side of the appliance. The clear *access* opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for *access* to the attic space, provide one of the following:

1. A permanent stair.
2. A pull-down stair with a minimum 300 lb. (136 kg) capacity.
3. An *access* door from an upper floor level.
4. *Access* Panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to building conditions.

Exceptions:

1. The passageway and level service space are not required where the appliance is capable of being serviced and removed... *{remainder of section unchanged}*

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such

act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

CITY OF COPPELL

2024 INTERNATIONAL MECHANICAL CODE	AMENDED LANGUAGE	NOTES
<p>[A] 101.1 Title. These regulations shall be known as the <i>Mechanical Code</i> of the City of Coppell, hereinafter referred to as “this code.”</p>	<p>101.1 Title. These regulations shall be known as the <i>Mechanical Code</i> of the City of Coppell, hereinafter referred to as “this code.”</p>	<p>Amending this section is necessary for the adoption of this code.</p>
<p>306.3 Appliances in attics. Attics containing <i>appliances</i> shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest <i>appliance</i>. The passageway shall be not less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 20 feet (6096 mm) in length measured along the centerline of the passageway from the opening to the <i>appliance</i>. The passageway shall have continuous solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the <i>appliance</i>. The clear access opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm), and large enough to allow removal of the largest <i>appliance</i>. Exceptions: 1. The passageway and level service space are not required where the <i>appliance</i> is capable of being serviced and removed through the required opening. 2. Where the passageway is unobstructed and not less than 6 feet (1829 mm) high and 22 inches (559 mm) wide for its entire length, the passageway shall be not greater than 50 feet (15 250 mm) in length.</p>	<p>306.3 Appliances in attics. Attics containing appliances requiring <i>access</i> shall be provided . . . <i>{bulk of paragraph unchanged}</i> . . . side of the appliance. The clear <i>access</i> opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for <i>access</i> to the attic space, provide one of the following:</p> <ol style="list-style-type: none">1. A permanent stair.2. A pull-down stair with a minimum 300 lb. (136 kg) capacity.3. An <i>access</i> door from an upper floor level.4. <i>Access</i> Panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to building conditions. <p>Exceptions: 1. The passageway and level service space are not required where the appliance is capable of being serviced and removed... <i>{remainder of section unchanged}</i></p>	<p>This is a continuation of our existing ordinance and is a NTCOG recommendation.</p>

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-7, “ENERGY CONSERVATION CODE”, TO TITLE IT “PLUMBING CODE” ADOPT THE INTERNATIONAL PLUMBING CODE, 2024 EDITION, AS THE CITY OF COPPELL PLUMBING CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL PLUMBING CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppell, Texas be, and the same is, hereby amended by amending Chapter 15, Article 15-7 in part to adopt the International Plumbing Code, 2024 Edition, and all appendices, with amendments to read as follows:

“ARTICLE 15-7. PLUMBING CODE”

Sec. 15-7-1 International Plumbing Code – Adopted.

There is hereby adopted the International Plumbing Code, 2024 Edition, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-7-2. Amendments.

The following sections of the International Plumbing Code, 2024 Edition, are hereby amended to read as follows:

1. Amend Section 101.1 Title to read as follows:

[A] 101.1 Title. These regulations shall be known as the *Plumbing Code* of the City of Coppel, hereinafter referred to as “this code.”

2. Adopt a new Section 305.4.1, to read as follows:

305.4.1 Sewer Depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

3. Insert new Sections 312.12 and 312.12.1, to read as follows:

312.12 Annual Backflow Assembly Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable. The property owner is responsible to ensure that testing is being performed.

312.12.1 Testing. Reduced pressure principle backflow preventer assemblies, double check-valve assemblies, double detector-check valve assemblies and pressure vacuum breaker assemblies shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with applicable local provisions. The property owner is responsible to ensure that testing is done in accordance with one of the following standards: (list of standards unchanged)

4. Amend Section 413.4, to read as follows:

413.4 Required location for floor drains. Floor drains shall be installed in the following areas.

1. In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than 3 inches (76 mm) in diameter.

2. Commercial kitchens. In lieu of floor drains in commercial kitchens, the code official may accept floor sinks.
3. Public restrooms.

5. Amend Section 502.3 to read as follows:

502.3 Appliances in attics. Attics containing a water heater shall be provided . . . {bulk of paragraph unchanged} . . . side of the water heater. The clear access opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm), where such dimensions are large enough to allow removal of the water heater. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for access to the attic space, provide one of the following:

1. A permanent stair.
2. A pull-down stair with a minimum 300 lb (136 kg) capacity.
3. An access door from an upper floor level.

6. Adopt a new Section 502.6 to read as follows:

502.6 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

Exception: A max 10 gallon water heater (or larger with approval) is capable of being accessed through a lay-in ceiling and a water heater is installed is not more than ten (10) feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.

7. Amend Sections 1003.3.1 and 1003.3.1.1, to read as follows:

1003.3.1 Grease Interceptors and Automatic Grease Removal Devices required. All food establishments having a food waste disposal or a discharge of more than 50 gallons per minute shall discharge into a grease interceptor of at least 750-gallon capacity. Establishments with a discharge of 50 gallons per minute or less shall discharge into at least a 100-lb. size grease

trap. An approved grease trap or interceptor complying with the provisions of this section shall be installed in the waste line leading from sinks, drains and other fixtures or equipment in establishments such as restaurants, cafes, lunch counters, cafeterias, bars and clubs, hotel, hospital, factory or school kitchen, or other establishments where grease may be introduced into the drainage or sewage system in quantities that can affect line stoppage or hinder sewage treatment or private disposal.

1003.3.1.1 Engineered Design. Interceptors required by Section 1003.3.1, 1003.3.4 and 1003.4.2 shall be designed and sized by a Texas-license professional engineer.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

CITY OF COPPELL

2024 INTERNATIONAL PLUMBING CODE	AMENDED LANGUAGE	NOTES
[A] 101.1 Title. These regulations shall be known as the <i>Plumbing Code</i> of the City of Coppel, hereinafter referred to as “this code.”	101.1 Title. These regulations shall be known as the <i>Plumbing Code</i> of the City of Coppel, hereinafter referred to as “this code.”	Amending this section is necessary for the adoption of this code.
305.4.1 Sewer depth. <i>Building sewers</i> that connect to private sewage disposal systems shall be installed not less than [NUMBER] inches (mm) below finished grade at the point of septic tank connection. <i>Building sewers</i> shall be installed not less than [NUMBER] inches (mm) below grade.	305.4.1 Sewer Depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.	This is a continuation of our existing ordinance, is a NTCOG recommendation, and sets the sewer depth below the frost line. The reference to septic has been removed since state law places private sewage disposal systems under the state and county jurisdiction.
	312.12 Annual Backflow Assembly Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable. The property owner is responsible to ensure that testing is being performed. 312.12.1 Testing. Reduced pressure principle backflow preventer assemblies, double check-valve assemblies, double detector-check valve assemblies and pressure vacuum breaker assemblies shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with applicable local provisions. The property owner is responsible to ensure that testing is done in accordance with one of the following standards: (list of standards unchanged)	This is a continuation of our existing ordinance and is a NTCOG recommendation. This is required by TCEQ and state law Article 290 for protection of the public water distribution system.
413.4 Public laundries and central washing facilities. In public coin-operated laundries and in the central washing facilities of multiple-family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have an outlet of not less than 3 inches (76 mm) in diameter.	413.4 Required location for floor drains. Floor drains shall be installed in the following areas. <ol style="list-style-type: none">In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than 3 inches (76 mm) in diameter.Commercial kitchens. In lieu of floor drains in commercial kitchens, the code official may accept floor sinks.Public restrooms.	This is a continuation of our existing ordinance and is a NTCOG recommendation.
502.3 Water heaters installed in attics. Attics containing a water heater shall be provided with an opening and unobstructed passageway large enough to allow removal of the water heater. The passageway shall be not less than 30 inches (762 mm) in height and 22 inches (559 mm) in width and not more than 20 feet (6096 mm) in length when measured along the centerline of the passageway from the opening to the water heater. The passageway shall have continuous solid flooring not less than 24 inches (610 mm) in width. A level service space not less than 30 inches (762 mm) in length and 30 inches (762 mm) in width shall be present at the front or service side of the water heater. The clear <i>access</i> opening dimensions shall be	502.3 Appliances in attics. Attics containing a water heater shall be provided . . . {bulk of paragraph unchanged} . . . side of the water heater. The clear access opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm), where such dimensions are large enough to allow removal of the water heater. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, for access to the attic space, provide one of the following: <ol style="list-style-type: none">A permanent stair.A pull-down stair with a minimum 300 lb (136 kg) capacity.An access door from an upper floor level.	This is a continuation of our existing ordinance and is a NTCOG recommendation.

CITY OF COPPELL

not less than 20 inches by 30 inches (508 mm by 762 mm) where such dimensions are large enough to allow removal of the water heater.		
	<p>502.6 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.</p> <p>Exception: A max 10 gallon water heater (or larger with approval) is capable of being accessed through a lay-in ceiling and a water heater is installed is not more than ten (10) feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.</p>	<p>This is a continuation of our existing ordinance and is a NTCOG recommendation.</p>
<p>1003.3.1 Grease interceptors and automatic grease removal devices required.</p> <p>A grease interceptor or automatic grease removal device shall be required to receive the drainage from fixtures and equipment with grease-laden waste located in food preparation areas, such as in restaurants, hotel kitchens, hospitals, school kitchens, bars, factory cafeterias and clubs. Fixtures and equipment shall include pot sinks, prerinse sinks; soup kettles or similar devices; wok stations; floor drains or sinks into which kettles are drained; automatic hood wash units and dishwashers without prerinse sinks. Grease interceptors and automatic grease removal devices shall receive waste only from fixtures and equipment that allow fats, oils or grease to be discharged. Where lack of space or other constraints prevent the installation or replacement of a grease interceptor, one or more grease interceptors shall be permitted to be installed on or above the floor and upstream of an existing grease interceptor.</p>	<p>1003.3.1 Grease Interceptors and Automatic Grease Removal Devices required. All food establishments having a food waste disposal or a discharge of more than 50 gallons per minute shall discharge into a grease interceptor of at least 750-gallon capacity. Establishments with a discharge of 50 gallons per minute or less shall discharge into at least a 100-lb. size grease trap. An approved grease trap or interceptor complying with the provisions of this section shall be installed in the waste line leading from sinks, drains and other fixtures or equipment in establishments such as restaurants, cafes, lunch counters, cafeterias, bars and clubs, hotel, hospital, factory or school kitchen, or other establishments where grease may be introduced into the drainage or sewage system in quantities that can affect line stoppage or hinder sewage treatment or private disposal.</p> <p>1003.3.1.1 Engineered Design. Interceptors required by Section 1003.3.1, 1003.3.4 and 1003.4.2 shall be designed and sized by a Texas-license professional engineer.</p>	<p>This is a continuation of our existing ordinance and is a NTCOG recommendation.</p> <p>State law places authority over grease interceptors to the state’s Health department.</p>

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-8, “RESIDENTIAL; CODE”, TO TITLE IT “FUEL GAS CODE”, AND TO ADOPT THE INTERNATIONAL FUEL GAS CODE, 2024 EDITION, AS THE CITY OF COPPELL FUEL GAS CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL FUEL GAS CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppel, Texas be, and the same is, hereby amended by amending Chapter 15, Article 15-8, “Fuel Gas Code”, in part to adopt the International Fuel Gas Code, 2024 Edition, and all appendices, with amendments to read as follows:

“CHAPTER 15-8. FUEL GAS CODE”

Section 15-8-1 Fuel Gas Code – Adopted.

There is hereby adopted the International Fuel Gas Code, 2024 Edition, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-8-2 Amendments.

The following sections of the International Fuel Gas Code, 2024 Edition, are hereby amended to read as follows:

1. Amend Section 101.1, to read as follows:

101.1 Title. These regulations shall be known as the *Fuel Gas Code* of the City of Coppel, hereinafter referred to as “this code”.

6. Amend Section 306.3 and exceptions, to read as follows:

306.3 Appliances in Attics. Attics containing appliances requiring access shall be provided . . . {bulk of paragraph unchanged} . . . from the opening to the appliance. The passageway shall have continuous unobstructed solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the equipment. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, access to the attic space shall be provided by one of the following:

1. A permanent stair.
2. A pull-down stair with a minimum 300 lb (136 kg) capacity.
3. An access door from an upper floor level.
4. Access panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to structural conditions.

Exceptions:

1. The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.
2. Where the passageway is not less than 6 feet (1829 mm) high for its entire length, the passageway shall not be greater than 50 feet (15250 mm) in length.

3. Amend Section 306 by adding Section 306.7 with an exception and subsection 306.7.1 to read as follows:

306.7 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

Exception: A max 10-gallon water heater (or larger when approved by the code official) is capable of being accessed through a lay-in ceiling and a water heater is installed is not more than ten (10) feet (3048 mm) above the ground or floor level and may be reached with a portable ladder.

4. Amend Section 401.5 by adding a second paragraph to read as follows:

Both ends of each section of medium pressure corrugated stainless steel tubing (CSST) shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag: "WARNING 1/2 to 5 psi gas pressure Do Not Remove."

5. Amend Section 402.3 by adding an exception to read as follows:

Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2" (18 EHD).

6. Amend Section 404.12, to read as follows:

404.12 Minimum Burial Depth. Underground piping systems shall be installed a minimum depth of 18 inches (458 mm) to top of pipe below grade

7. Amend Section 404.12.1 to read as follows:

404.12.1 Individual outside appliances. Individual lines to outside lights, grills or other appliances shall be installed a minimum of 12 inches (203 mm) to top of pipe below finished grade, provided that such installation is approved and is installed in locations not susceptible to physical damage.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or

prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

CITY OF COPPELL

2024 INTERNATIONAL FUEL GAS CODE	AMENDED LANGUAGE	NOTES
<p>[A] 101.1 Title. These regulations shall be known as the <i>Fuel Gas Code</i> of the City of Coppel, hereinafter referred to as “this code.”</p>	<p>101.1 Title. These regulations shall be known as the <i>Fuel Gas Code</i> of the City of Coppel, hereinafter referred to as “this code.”</p>	Amending this section is necessary for the adoption of this code.
<p>[M] 306.3 Appliances in attics. Attics containing <i>appliances</i> shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest <i>appliance</i>. The passageway shall be not less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 20 feet (6096 mm) in length measured along the centerline of the passageway from the opening to the <i>appliance</i>. The passageway shall have continuous solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the <i>appliance</i>. The clear <i>access</i> opening dimensions shall be not less than 20 inches by 30 inches (508 mm by 762 mm) and large enough to allow removal of the largest <i>appliance</i>. Exceptions:</p> <ol style="list-style-type: none">1. The passageway and level service space are not required where the <i>appliance</i> is capable of being serviced and removed through the required opening.2. Where the passageway is not less than 6 feet (1829 mm) high for its entire length, the passageway shall be not greater than 50 feet (15 250 mm) in length.	<p>306.3 Appliances in Attics. Attics containing appliances requiring access shall be provided . . . {bulk of paragraph unchanged} . . . from the opening to the appliance. The passageway shall have continuous unobstructed solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the equipment. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the largest appliance. A walkway to an appliance shall be rated as a floor as approved by the building official. As a minimum, access to the attic space shall be provided by one of the following:</p> <ol style="list-style-type: none">1. A permanent stair.2. A pull-down stair with a minimum 300 lb (136 kg) capacity.3. An access door from an upper floor level.4. Access panel may be used in lieu of items 1, 2, and 3 with prior approval of the code official due to structural conditions. <p>Exceptions:</p> <ol style="list-style-type: none">1. The passageway and level service space are not required where the appliance is capable of being serviced and removed through the required opening.2. Where the passageway is not less than 6 feet (1829 mm) high for its entire length, the passageway shall not be greater than 50 feet (15250 mm) in length.	This is a continuation of our existing ordinance and is a NTCOG recommendation.
<p>401.5 Identification. For other than steel pipe and CSST, exposed <i>piping</i> shall be identified by a yellow label marked “Gas” in black letters. The marking shall be spaced at intervals not exceeding 5 feet (1524 mm). The marking shall not be required on <i>piping</i> located in the same room as the <i>appliance</i> served. CSST shall be identified as required by <u>ANSI LC 1/CSA 6.26</u>.</p>	<p>Add second paragraph to read as follows: Both ends of each section of medium pressure corrugated stainless steel tubing (CSST) shall identify its operating gas pressure with an approved tag. The tags are to be composed of aluminum or stainless steel and the following wording shall be stamped into the tag: "WARNING 1/2 to 5 psi gas pressure Do Not Remove."</p>	This is a continuation of our existing ordinance and is a NTCOG recommendation.
<p>402.3 Sizing. Gas <i>piping</i> shall be sized in accordance with one of the following:</p> <ol style="list-style-type: none">1. Pipe sizing tables or sizing equations in accordance with <u>Section 402.4</u> or <u>402.5</u> as applicable.2. The sizing tables included in a <i>listed piping</i> system’s manufacturer’s installation instructions.3. Engineering methods.	<p>Add exception to read as follows: Exception: Corrugated stainless steel tubing (CSST) shall be a minimum of 1/2" (18 EHD).</p>	This is a continuation of our existing ordinance and is a NTCOG recommendation.

CITY OF COPPELL

404.12 Minimum burial depth. Underground <i>pip</i> ing systems shall be installed a minimum depth of 12 inches (305 mm) below grade, except as provided for in <u>Section 404.12.1</u> .	404.12 Minimum Burial Depth. Underground piping systems shall be installed a minimum depth of 18 inches (458 mm) to top of pipe below grade.	This is a continuation of our existing ordinance and is a NTCOG recommendation.
404.12.1 Individual outdoor appliances. Individual lines to outdoor lights, grills and other <i>appliances</i> shall be installed not less than 8 inches (203 mm) below finished grade, provided that such installation is <i>approved</i> and is installed in locations not susceptible to physical damage.	404.12.1 Individual outside appliances. Individual lines to outside lights, grills or other appliances shall be installed a minimum of 12 inches (203 mm) to top of pipe below finished grade, provided that such installation is approved and is installed in locations not susceptible to physical damage.	This is a continuation of our existing ordinance and is a NTCOG recommendation.

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-10, “CODE ADVISORY AND APPEALS BOARD”, TO TITLE IT “ENERGY CONSERVATION CODE” AND TO ADOPT THE INTERNATIONAL ENERGY CONSERVATION CODE, 2024 EDITION, AS THE CITY OF COPPELL ENERGY CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL ENERGY CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppel, Texas be, and the same is, hereby amended by amending Chapter 15, Article 15-10, “Energy Conservation Code”, in part to adopt the International Energy Conservation Code, 2024 Edition, and all appendices, with amendments to read as follows:

“ARTICLE 15-10. ENERGY CONSERVATION CODE”

Sec. 15-10-1 Energy Conservation Code – Adopted.

There is hereby adopted the International Energy Conservation Code, 2024 Edition, and all appendices, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-10-2 Amendments.

The following sections of the International Energy Conservation Code, 2024 Edition, are hereby amended to read as follows:

1. Amend Sections C101.1 Title and R101.1 Title to read as follows:

C101.1 Title. This code shall be known as the *Energy Conservation Code* of the City of Coppell and shall be cited as such. It is referred to herein as “this code.”

R101.1 Title. This code shall be known as the *Energy Conservation Code* of the City of Coppell and shall be cited as such. It is referred to herein as “this code.”

2. Amend Section C102/R102 by adding Sections C102.1.2 and R102.1.2 to read as follows:

C102.1.2 Alternative compliance. A building certified by a national or state accredited energy efficiency program and determined by the Energy Systems Laboratory to be in compliance with the energy efficiency requirements of this section may, at the option of the Code Official, be considered in compliance.

R102.1.2 Alternative compliance. A building certified by a national or state accredited energy efficiency program and determined by the Energy Systems Laboratory to be in compliance with the energy efficiency requirements of this section may, at the option of the Code Official, be considered in compliance.

3. Amend Section R402.5.1.2 by adding a last paragraph to read as follows:

Mandatory testing shall only be performed by individuals that are certified by national or state organizations as approved by the *building official*. The certified individuals must be an independent third-party entity, and may not be employed, or have any financial interest in the company that constructs the structure.

7. Amend Section R403.3.7 by adding a last paragraph to read as follows:

Mandatory testing shall only be performed by individuals that are certified by national or state organizations as approved by the *building official*. The certified individuals must be an independent third-party entity, and may not be employed, or have any financial interest in the company that constructs the structure.

8. Amend Table R406.4 to read as follows:

TABLE R406.5

MAXIMUM ENERGY RATING INDEX

TABLE R406.5 ¹

MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX
3	59

¹ The table is effective from September 1, 2022 to August 31, 2025.

TABLE R406.5 ²

MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX
3	57

² The table is effective from September 1, 2025 to August 31, 2028.

TABLE R406.5 ³

MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX
3	55

³ This table is effective on or after September 1, 2028.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every

such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

CITY OF COPPELL

2024 INTERNATIONAL ENERGY CONSERVATION CODE	AMENDED LANGUAGE	NOTES
C101.1 Title. This code shall be known as the <i>Energy Conservation Code</i> of [NAME OF JURISDICTION] and shall be cited as such. It is referred to herein as “this code.” R101.1 Title. This code shall be known as the <i>Energy Conservation Code</i> of [NAME OF JURISDICTION] and shall be cited as such. It is referred to herein as “this code.”	C101.1 Title. This code shall be known as the <i>Energy Conservation Code</i> of the City of Coppell and shall be cited as such. It is referred to herein as “this code.” R101.1 Title. This code shall be known as the <i>Energy Conservation Code</i> of the City of Coppell and shall be cited as such. It is referred to herein as “this code.”	Amending these sections is necessary for the adoption of this code.
	C102.1.2 Alternative compliance. A building certified by a national or state accredited energy efficiency program and determined by the Energy Systems Laboratory to be in compliance with the energy efficiency requirements of this section may, at the option of the Code Official, be considered in compliance. R102.1.2 Alternative compliance. A building certified by a national or state accredited energy efficiency program and determined by the Energy Systems Laboratory to be in compliance with the energy efficiency requirements of this section may, at the option of the Code Official, be considered in compliance.	This is a continuation of our current amendments and is a NTCOG recommendation.

CITY OF COPPELL

<p>R402.5.1.2 Air leakage testing.</p> <p>The <i>building</i> or each <i>dwelling unit</i> or <i>sleeping unit</i> in the <i>building</i> shall be tested for air leakage. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380, ASTM E779, ASTM E1827 or ASTM E3158 and reported at a pressure differential of 0.2 inch water gauge (50 Pa). Where required by the <i>code official</i>, testing shall be conducted by an <i>approved</i> third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the <i>code official</i>. Testing shall be performed at any time after creation of all penetrations of the <i>building thermal envelope</i> have been sealed.</p> <p>During testing:</p> <ol style="list-style-type: none">1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other <i>infiltration</i> control measures.2. <i>Dampers</i> including exhaust, intake, makeup air, backdraft and flue <i>dampers</i> shall be closed, but not sealed beyond intended <i>infiltration</i> control measures.3. Interior doors, where installed at the time of the test, shall be open.4. Exterior or interior terminations for continuous <i>ventilation</i> systems shall be sealed.5. Heating and cooling systems, where installed at the time of the test, shall be turned off.6. Supply and return registers, where installed at the time of the test, shall be fully open. <p>Exceptions:</p> <ol style="list-style-type: none">1. For heated, attached private garages and heated, detached private garages accessory to one- and two-family dwellings and townhouses not more than three stories above <i>grade plane</i> in height, <i>building thermal envelope</i> tightness and insulation installation shall be considered acceptable where the items in Table R402.5.1.1, applicable to the method of construction, are field verified. Where required by the <i>code official</i>, an <i>approved</i> third party independent from the installer shall inspect both <i>air barrier</i> and insulation installation criteria. Heated, attached private garage space and heated, detached private garage space shall be thermally isolated from all other habitable, <i>conditioned spaces</i> in accordance with Sections R402.2.13 and R402.4.5, as applicable.2. Where tested in accordance with Section R402.5.1.2.1, testing of each <i>dwelling unit</i> or <i>sleeping unit</i> is not required.	<p>Amend Section R402.5.1.2 by adding a last paragraph to read as follows:</p> <p>Mandatory testing shall only be performed by individuals that are certified by national or state organizations as approved by the <i>building official</i>. The certified individuals must be an independent third-party entity, and may not be employed, or have any financial interest in the company that constructs the structure.</p>	<p>This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.</p>
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CITY OF COPPELL

<p>R403.3.7 Duct system testing.</p> <p>Each <i>duct system</i> shall be tested for air leakage in accordance with ANSI/RESNET/ICC 380 or ASTM E1554. Total leakage shall be measured with a pressure differential of 0.1 inch water gauge (25 Pa) across the <i>duct system</i> and shall include the measured leakage from the supply and return <i>ductwork</i>. A written report of the test results shall be signed by the party conducting the test and provided to the <i>code official</i>. <i>Duct system</i> leakage testing at either rough-in or post construction shall be permitted with or without the installation of registers or grilles. Where installed, registers and grilles shall be sealed during the test. Where registers and grilles are not installed, the face of the register boots shall be sealed during the test.</p> <p>Exceptions:</p> <ol style="list-style-type: none">1. Testing shall not be required for <i>duct systems</i> serving <i>ventilation</i> systems that are not integrated with <i>duct systems</i> serving heating or cooling systems.2. Testing shall not be required where there is not more than 10 feet (3048 mm) of total <i>ductwork</i> external to the <i>space conditioning equipment</i> and both the following are met:<ol style="list-style-type: none">2.1.The <i>duct system</i> is located entirely within <i>conditioned space</i>.2.2.The <i>ductwork</i> does not include <i>plenums</i> constructed of building cavities or gypsum board.3. Where the <i>space conditioning equipment</i> is not installed, testing shall be permitted. The total measured leakage of the supply and return <i>ductwork</i> shall be less than or equal to 3.0 cubic feet per minute (85 L/min) per 100 square feet (9.29 m²) of <i>conditioned floor area</i>.4. Where tested in accordance with <u>Section R403.3.9</u>, testing of each <i>duct system</i> is not required.	<p>Amend Section R403.3.7 by adding a last paragraph to read as follows:</p> <p>Mandatory testing shall only be performed by individuals that are certified by national or state organizations as approved by the <i>building official</i>. The certified individuals must be an independent third-party entity, and may not be employed, or have any financial interest in the company that constructs the structure.</p>	<p>This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.</p>
	<p>Amend Table R406.5 to read as follows</p>	<p>This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.</p>

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-11, “SWIMMING POOL AND SPA CODE”, TO TITLE IT “EXISTING BUILDING CODE” AND TO ADOPT THE INTERNATIONAL EXISTING BUILDING CODE, 2024 EDITION, AS THE CITY OF COPPELL EXISTING BUILDING CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL EXISTING BUILDING CODE 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppel, Texas be, and the same is, hereby amended by amending Chapter 15, by adopting Article 15-11, “Existing Building Code”, to adopt the International Existing Building Code, 2024 Edition, with amendments to read as follows:

“ARTICLE 15-11. INTERNATIONAL EXISTING BUILDING CODE”

Sec. 15-11-1. International Existing Building Code – Adopted.

There is hereby adopted the International Existing Building Code, 2024 Edition, and all appendices, and made a part hereof for all purposes, the same as if fully copied in full herein, with the exception of such sections hereof, which are hereafter deleted, modified or amended.

Sec. 15-11-2. Amendments.

The following sections of the International Existing Building Code, 2015 Edition, are hereby amended to read as follows:

1. Amend Section 101.1 to read as follows:

101.1 Title.

These regulations shall be known as the *Existing Building Code* of the City of Coppell, herein-after referred to as “this code.”

2. Amend Section 105.2 to read as follows:

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 laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2:1.
2. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
3. Temporary motion picture, television and theater stage sets and scenery.
4. Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18 925 L) and are installed entirely above ground.
5. Shade cloth structures constructed for agricultural purposes, not including service systems.
6. Swings and other playground equipment accessory to detached one- and two-family dwellings.
7. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches

(1753mm) in height.

3. Amend Section 112.1 to read as follows:

[A] 112.1 General. The Building and Standards Commission shall act as the Board of Appeals.

4. Section 112.3 Qualifications shall be deleted in its entirety.

5. Amend Section 202 to include the following:

EXISTING BUILDING. A building, structure, or space, with an approved final inspection for a legal building permit issued under a code edition which is at least two published code editions preceding the currently adopted building code; or a change of occupancy.

HIGH RISE BUILDING. A building with an occupied floor located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.

6. Amend the Exception to Section 803.2.6 to read as follows:

Exception: Supervision is not required where the Fire Code does not require such for new construction. Delete 1, 2,3,4,5.

7. Amend Section 803.3 to read as follows:

803.3 Standpipes. Refer to Section 1103.6 of the Fire Code for retroactive standpipe requirements.
{Delete rest of Section 803.3.}

8. Amend Section 902.1 to read as follows:

902.1 High-rise buildings. Any building having occupied floors more than 55 feet above the lowest level of fire department vehicle access shall comply with the requirements of Sections 902.1.1 and 902.1.2.

9. Amend Section 904.1 by adding a sentence to read as follows:

For the purpose of fire sprinkler protection and fire alarm requirements included in this section, the work area shall be extended to include at least the entire tenant space or spaces bounded by walls containing the subject work area, and if the work area includes a corridor, hallway, or other exit access, then such corridor, hallway, or other exit access shall be protected in its entirety on that particular floor level.

10. Amend Section 904.1.1 to read as follows:

904.1.1 High-rise buildings. An automatic sprinkler system shall be provided in work areas of high-rise buildings.

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and

upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

APPROVED AS TO FORM:

CITY OF COPPELL

2024 INTERNATIONAL EXISTING BUILDING CODE	AMENDED LANGUAGE	NOTES
<p>[A] 101.1 Title. These regulations shall be known as the <i>Existing Building Code</i> of [NAME OF JURISDICTION], herein-after referred to as “this code.”</p>	<p>101.1 Title. These regulations shall be known as the <i>Existing Building Code</i> of the City of Coppell, herein-after referred to as “this code.”</p>	Amending these sections is necessary for the adoption of this code.
<p>[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:</p> <p>Building:</p> <ol style="list-style-type: none">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.Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.Temporary motion picture, television, and theater stage sets and scenery.Shade cloth structures constructed for nursery or agricultural purposes, and not including service systems.Window awnings supported by an exterior wall of Group R-3 or Group U occupancies.Nonfixed and movable cases, counters and partitions not over 5 feet 9 inches (1753 mm) in height. <p>Electrical:</p> <ol style="list-style-type: none">Repairs and maintenance: Minor <i>repair</i> work, including the replacement of lamps or the connection of <i>approved</i> portable electrical equipment to <i>approved</i> permanently installed receptacles.Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for power supply, the installations of towers and antennas.Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus. <p>Gas:</p> <ol style="list-style-type: none">Portable heating appliance.Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe. <p>Mechanical:</p> <ol style="list-style-type: none">Portable heating appliance.Portable ventilation equipment.Portable cooling unit.	<p>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 laws or ordinances of this jurisdiction. Permits shall not be required for the following:</p> <p>Building:</p> <ol style="list-style-type: none">Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18 925 L) and the ratio of height to diameter or width does not exceed 2:1.Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.Temporary motion picture, television and theater stage sets and scenery.Prefabricated swimming pools accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18 925 L) and are installed entirely above ground.Shade cloth structures constructed for agricultural purposes, not including service systems.Swings and other playground equipment accessory to detached one- and two-family dwellings.Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753mm) in height.	<p>This is a continuation of our current amendments and is a NTCOG recommendation.</p>

CITY OF COPPELL

<div><div><div>4.</div><div>Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.</div></div><div><div>5.</div><div>Replacement of any part that does not alter its approval or make it unsafe.</div></div><div><div>6.</div><div>Portable evaporative cooler.</div></div><div><div>7.</div><div>Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.</div></div></div> <div>Plumbing:<div><div><div>1.</div><div>The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.</div></div><div><div>2.</div><div>The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided that such <i>repairs</i> do not involve or require the replacement or rearrangement of valves, pipes or fixtures.</div></div></div></div>		
<div><div>[A] 112.1 General.</div><div>In order to hear and decide appeals of orders, decisions or determinations made by the <i>code official</i> relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the <i>code official</i>.</div></div>	<div><div>[A] 112.1 General.</div><div>The Building and Standards Commission shall act as the Board of Appeals.</div></div>	<div><div>This is a continuation of our current amendment for this section.</div></div>
<div><div>[A] 112.3 Qualifications.</div><div>The board of appeals shall consist of members who are qualified by experience and training on matters pertaining to the provisions of this code and are not employees of the jurisdiction.</div></div>	<div><div>Section 112.3 Qualifications shall be deleted in its entirety.</div></div>	<div><div>This is a continuation of our current amendment for this section.</div></div>
<div><div>EXISTING BUILDING.</div><div>A building erected prior to the date of adoption of the appropriate code, or one for which a legal building permit has been issued.</div></div>	<div><div>Amend Section 202 to include the following:</div><div>EXISTING BUILDING. A building, structure, or space, with an approved final inspection for a legal building permit issued under a code edition which is at least two published code editions preceding the currently adopted building code; or a change of occupancy.</div><div>HIGH RISE BUILDING. A building with an occupied floor located more than 55 feet (16 764 mm) above the lowest level of fire department vehicle access.</div></div>	<div><div>This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.</div></div>

CITY OF COPPELL

803.2.6 Supervision. Automatic sprinkler systems required by this section shall be provided with supervision and alarms in accordance with Section 903.4 of the International Building Code.	Amend the Exception to Section 803.2.6 to read as follows: Exception: Supervision is not required where the Fire Code does not require such for new construction. Delete 1, 2,3,4,5.	This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.
803.3 Standpipes. Where the <i>work area</i> includes exits or corridors shared by more than one tenant and is located more than 50 feet (15 240 mm) above or below the lowest level of fire department access, a standpipe system shall be provided. Standpipes shall have an <i>approved</i> fire department connection with hose connections at each floor level above or below the lowest level of fire department access. Standpipe systems shall be installed in accordance with the <i>International Building Code</i> . Exceptions: 1. A pump shall not be required provided that the standpipes are capable of accepting delivery by fire department apparatus of not less than 250 gallons per minute (gpm) at 65 pounds per square inch (psi) (946 L/m at 448 KPa) to the topmost floor in buildings equipped throughout with an automatic sprinkler system or not less than 500 gpm at 65 psi (1892 L/m at 448 KPa) to the topmost floor in all other buildings. Where the standpipe terminates below the topmost floor, the standpipe shall be designed to meet (gpm/psi) (L/m/KPa) requirements of this exception for possible future extension of the standpipe. 2. The interconnection of multiple standpipe risers shall not be required.	803.3 Standpipes. Refer to Section 1103.6 of the Fire Code for retroactive standpipe requirements. {Delete rest of Section 803.3.	This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.
902.1 High-rise buildings. Any building having occupied floors or an <i>occupiable roof</i> more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access shall comply with the requirements of Sections 902.1.1 and 902.1.2.	902.1 High-rise buildings. Any building having occupied floors more than 55 feet above the lowest level of fire department vehicle access shall comply with the requirements of Sections 902.1.1 and 902.1.2.	This is a continuation of our current amendment for this section, which is also a NTCOG recommendation.
904.1 Automatic sprinkler systems. An automatic sprinkler system shall be provided in a <i>work area</i> where required by <u>Section 803.2</u> or this section.	Amend Section 904.1 by adding a sentence to read as follows: For the purpose of fire sprinkler protection and fire alarm requirements included in this section, the work area shall be extended to include at least the entire tenant space or spaces bounded by walls containing the subject work area, and if the work area includes a corridor, hallway, or other exit access, then such corridor, hallway, or other exit access shall be protected in its entirety on that particular floor level.	
904.1.1 High-rise buildings. An automatic sprinkler system shall be provided in <i>work areas</i> where the high-rise building has a sufficient municipal water supply for the design and installation of an automatic sprinkler system at the site.	904.1.1 High-rise buildings. An automatic sprinkler system shall be provided in work areas of high-rise buildings.	

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF COPPELL, TEXAS AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 15 ARTICLE 15-16, “CONTRACTOR REGISTRATION”, TO CHANGE THE TITLE TO “SWIMMING POOL AND SPA CODE” AND TO ADOPT THE INTERNATIONAL SWIMMING POOL AND SPA CODE, 2024 EDITION, AS THE CITY OF COPPELL SWIMMING POOL CODE; PROVIDING AMENDMENTS TO THE INTERNATIONAL SWIMMING POOL AND SPA 2024 EDITION; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY FOR VIOLATION OF THIS ORDINANCE NOT TO EXCEED THE SUM OF FIVE HUNDRED DOLLARS (\$500.00) FOR EACH OFFENSE; EXCEPT HOWEVER, WHERE A DIFFERENT PENALTY HAS BEEN ESTABLISHED BY STATE LAW FOR SUCH OFFENSE WHICH IS A VIOLATION OF ANY PROVISION OF LAW THAT GOVERNS FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OF REFUSE, THE PENALTY SHALL BE A FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF COPPELL, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Coppell, Texas be, and the same is, hereby amended by amending Chapter 15, Article 15-16, “International Swimming Pool and Spa Code”, in part to adopt the International Energy Conservation Code, 2024 Edition, and all appendices, with amendments to read as follows:

“ARTICLE 15-16. INTERNARTIONAL SWIMMING POOL AND SPA CODE”

Sec. 15-16-1. Swimming Pool and Spa Code—Adopted.

The 2024 edition of the International Swimming Pool and Spa Code is hereby adopted as the official swimming pool and spa code of the city. The pool and spa code is fully incorporated by reference as though copied into this section in its entirety. The material contained within shall not be included in the formal municipal codification of ordinances but shall be maintained as a public record in the office of the city secretary and will be available for public inspection and copying during regular business hours.

Sec. 15-16-2. Amendments.

The swimming pool and spa code adopted in this article shall be subject to the exceptions and amendments to the International Swimming Pool and Spa Code, 2024 edition, as follows:

1. Section 101.1; Amend to read as follows:

Section 101.1 Title. These regulations shall be known as the Swimming Pool and Spa Code of City of Coppell hereinafter referred to as “this code.”

2. Section 102.9; Amend to read as follows:

Section 102.9 Other laws. The provisions of this code shall not be deemed to nullify any provisions of local, state or federal law, to include but not limited to;

- 1.** Texas Department of State Health Services (TDSHS); *Standards for Public Pools and Spas*; §285.181 through §285.208, (TDSHS rules do not apply to pools serving one- and two-family dwellings or townhouses).
- 2.** *Texas Department of Licensing and Regulation (TDLR); 2012 Texas Accessibility Standards (TAS)*, TAS provide the scoping and technical requirements for accessibility for Swimming Pool, wading pools and spas and shall comply with *2012 TAS, Section 242*. (TAS rules do not apply to pools serving one- and two-family dwellings or townhouses).

Exception: Elements regulated under Texas Department of Licensing and Regulation (TDLR) and built in accordance with TDLR approved plans, including any variances or waivers granted by the TDLR, shall be deemed to be in compliance with the requirements of this Chapter.

3. Section 103.1; Amend to read as follows:

Section 103.1 Creation of enforcement agency. The City of Coppell Building Inspection Department is hereby created and the official in charge thereof shall be known as the *code official*. The City of Coppell Environmental Health Department is hereby created

and the official in charge thereof shall be known as the *code official* for operation and maintenance of any *public swimming pool* in accordance this code, local and state law.

4. Section 105.3; Add paragraph to read as follows:

Section 105.3 Construction documents. [Code text unchanged] The plans and specifications shall be submitted under the seal of a registered professional engineer or registered architect with the statement that they meet the requirements of the state standards for public swimming pools and spas.

5. Section 113.4; Delete, in its entirety.

6. 114.2; Amend to read as follows:

114.2 Stop work orders. Upon notice from the code official, work on any system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be in violation of this code.

7. Section 202; DEFINITIONS; amend the definition of “PUBLIC SWIMMING POOL (Public Pool)” to read as follows:

PUBLIC SWIMMING POOL (Public Pool). A pool, other than a *residential pool*, that is intended to be used for swimming or bathing and is operated by an owner, lessee, operator, licensee or concessionaire, regardless of whether a fee is charged for use. City of Coppell Environmental Health Department regulates the operation of public pools. Routine inspections on pools and spas open to the public are conducted to document compliance with the standards set forth in State law.

Public pools shall be further classified and defined as follows:

[remainder unchanged]

8. Section 305.2; Amend to read as follows:

305.2 Outdoor swimming pools and spas. Outdoor pools and spas and indoor swimming pools shall be surrounded by a barrier that complies with Sections 305.2.1 through 305.7; and in accordance with the Texas Administrative Code, Texas Health and Safety Code 757 for public pools.

9. Section 305.2.3; Add sentence to read as follows:

305.2.5 [Code text unchanged]... Horizontal fence boards that are staggered or lapped to create indentions and protrusions are not permitted to face the outside of the pool barrier.

10. Add subsection 305.2.8; to read as follows:

305.2.7.1 Chain link fencing prohibited. Chain link fencing is not permitted as a barrier for pools.

11. Section 305.3.1 Add subsection 305.3.1 to read as follows:

305.3.1 Vehicular gate as a barrier. In one-and two-family dwellings and townhouses, gates intended for vehicular passage are not permitted as a component of a pool barrier.

12. Section 305.6; Amend to read as follows:

305.6 Natural barriers used in a one- and two-family dwelling or townhouse. In the case where the pool or spa area abuts the edge of a lake or other natural body of water, public access is not permitted or allowed along the shoreline, and required barriers extend to and beyond the water's edge a minimum of eighteen (18) inches, a barrier is not required between the natural body of water shoreline and the pool or spa.

13. Section 311; Amend to read as follows:

311.1 General. Suction entrapment avoidance for pools and spas shall be provided in accordance with APSP 7 or for public swimming pools in accordance with State of Texas

Rules for Public Swimming Pools and Spas, Title 25 TAC Chapter 265 Subchapter L,
Rule §265.190.

[Remainder unchanged]

14. Section 314.7; Amend to read as follows:

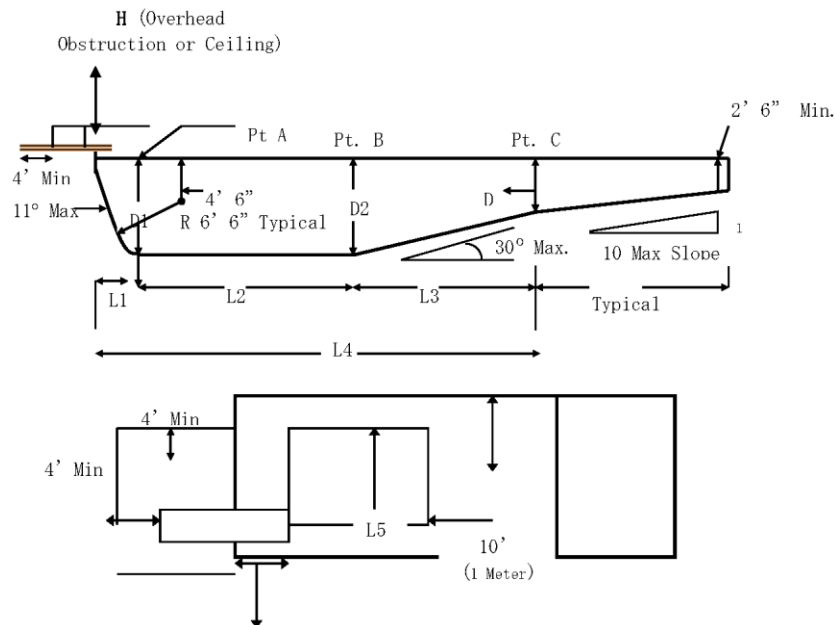
314.7 Emergency shutoff switch for spas and hot tubs. A clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the recirculation system and jet system shall be installed at a point readily accessible to the users and not less than 1.5 m (5 ft.) away, adjacent to, and within sight of the spa or hot tub. This requirement shall not apply to one- and two-family dwellings and townhouses.

15. Section 402.12; Amend to read as follows:

402.12 Water envelopes. The minimum diving water envelopes shall be in accordance with Texas department of State Health services, Administrative Code Title 25, Chapter 265, Section 186 (e) and Figure: 25 TAC 256.186 (e) (6). Which are as follows: (Delete Table 402.12 and Figure 402.12)

Maximum Diving Board Height Over Water	$\frac{3}{4}$ Meter	1 Meter	3 Meters
Max. Diving Board Length	12 ft.	16 ft.	16 ft.
Minimum Diving Board Overhang	2 ft. 6 in.	5 ft.	5 ft.
D1 Minimum	8 ft. 6 in.	11 ft. 2 in.	12 ft. 2 in.
D2 Minimum	9 ft.	10 ft. 10 in.	11 ft. 10 in.
D3 Minimum	4 ft.	6 ft.	6 ft.
L1 Minimum	4 ft.	5 ft.	5 ft.
L2 Minimum	12 ft.	16 ft. 5 in.	19 ft. 9 in.
L3 Minimum	14 ft. 10 in.	13 ft. 2 in.	13 ft. 11 in.

L4 Minimum	30 ft. 10 in.	34 ft. 7 in.	38 ft. 8 in.
L5 Minimum	8 ft.	10 ft.	13 ft.
H Minimum	16 ft.	16 ft.	16 ft.
From Plummet to Pool Wall at Side	9 ft.	10 ft.	11 ft. 6 in.
From Plummet to Adjacent Plummet	10 ft.	10 ft.	10 ft.



16. Section 402.13; Amend to read as follows:

402.13 Ladders for diving equipment. Ladders shall be provided with two grab rails or two handrails. There shall be a uniform distance between ladder treads, with a 7 inch (178 mm minimum) distance and 12 inch (305 mm) maximum distance. Supports, platforms, steps, and ladders for diving equipment shall be designed to carry the anticipated loads. Steps and ladders shall be of corrosion-resistant material, easily cleanable and with slip-resistant tread;

17. Section 411.2.1 & 411.2.2; Amend to read as follows:

411.2.1 Tread dimensions and area. Treads shall have a minimum unobstructed horizontal depth (i.e., horizontal run) of 12 inches and a minimum width of 20 inches.

411.2.2 Risers. Risers for steps shall have a maximum uniform height of 10 inches, with the bottom riser height allowed to taper to zero.

18. Section 411.5.1 & 411.5.2; Amend to read as follows:

411.5.1 Swimouts. Swimouts, located in either the deep or shallow area of a pool, shall comply with all of the following:

1. Unchanged
2. Unchanged
3. Unchanged
4. The leading edge shall be visibly set apart and provided with a horizontal solid or broken stripe at least 1 inch wide on the top surface along the front leading edge of each step. This stripe shall be plainly visible to persons on the pool deck. The stripe shall be a contrasting color to the background on which it is applied, and the color shall be permanent in nature and shall be a slip-resistant surface

411.5.2 Underwater seats and benches. Underwater seats and benches, whether used alone or in conjunction with pool stairs, shall comply with all of the following:

1. Unchanged
2. Unchanged
3. Unchanged
4. Unchanged
5. The leading edge shall be visually set apart and provided with a horizontal solid or broken stripe at least 1 inch wide on the top surface along the front leading edge of each step. This stripe shall be plainly visible to persons on the pool deck. The stripe shall be contrasting color to the background on which it is applied, and the color shall be permanent in nature and shall be a slip-resistant surface.
6. Unchanged
7. Unchanged

19. Section 601.3; Add paragraph to read as follows:

601.3 General. *[Code text unchanged]* The Standards for Public Interactive Water Features and Fountains adopted by the Texas Department of Health Services as Texas Administration Code 265.301 through 265.308, as amended, and as amended in this ordinance, herein adopted as the City of Coppell Public Interactive Water Features and Fountains Construction, Operation, and Maintenance Regulations, shall apply.

20. Section 603.2.1; Amend Section 603.2 to insert new section 603.2.1 to read as follows:

603.2.1 Class A and B pools: Class A and B pools over 5 feet deep: the transition point of the pool from the shallow area to the deep area of the pool shall be visually set apart with a 4-inch minimum width row of floor tile, a painted line, or similar means using a color contrasting with the bottom; and a rope and float line shall be provided between 1 foot and 2 feet on the shallow side of the 5-foot depth along and parallel to this depth from one side of the pool to the other side. The floats shall be spaced at not greater than 7-foot intervals; and the floats shall be secured so they will not slide or bunch up. The stretched float line shall be of sufficient size and strength to offer a good handhold and support loads normally imposed by users. If the owner or operator of the pool knows or should have known in the exercise of ordinary care that a rope or float is missing, broken, or defective, the problem shall be promptly remedied.

21. Section 610.5.1; Amend to read:

610.5.1 Uniform height of 10 inches. Except for the bottom riser, risers at the centerline shall have a maximum uniform height of 10 inches (254 mm). The bottom riser height shall be permitted to vary from the other risers.

22. Section 804 Diving Water Envelopes; Amend to read as follows:

Section 804.1 General. The minimum diving water envelopes shall be in accordance with Table 804.1 and Figure 804.1, or the manufacturer's specifications, whichever is greater. Negative construction tolerances shall not be applied to the dimensions of the minimum diving water envelopes given in Table 804.1."

SECTION 2. If any section, subsection, paragraph, sentence, phrase or work in this ordinance, or application thereof to any person or circumstance is held invalid by any court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this ordinance, and the City Council of the City of Coppell, Texas hereby declares it would have enacted such remaining portions despite any such invalidity.

SECTION 3. That the repeal of any ordinance or any portion thereof by the preceding sections shall not affect or impair any act done or right vested or accrued or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceedings, suit or prosecution had or commenced shall remain in full force and effect to all intents or purposes as if such ordinance or part thereof so repealed shall remain in force.

SECTION 4. That any person, firm or corporation violating any of the provisions of this ordinance or the Code of Ordinances as amended hereby, shall be guilty of a misdemeanor and upon conviction in the Municipal Court of the City of Coppell, Texas, shall be subject to a fine not to exceed the sum of Five Hundred Dollars (\$500.00) for each offense, except where a different penalty has been established by State law for such offense, the penalty shall be that fixed by State law, and for any offense which is a violation of any provision of law that governs fire safety, zoning or public health and sanitation, including dumping of refuse, the penalty shall be fine not to exceed the sum of Two Thousand Dollars (\$2,000.00) for each offense; and each and every day such offense is continued shall constitute a new and separate offense.

SECTION 5. That this ordinance shall become effective immediately from and after its passage and the publication of the caption, as the law and charter in such cases provide.

DULY PASSED by the City Council of Coppell, Texas, this the _____ day of _____, 2025.

APPROVED:

WES MAYS, MAYOR

ATTEST:

ASHLEY OWENS, CITY SECRETARY

APPROVED AS TO FORM:

ROBERT HAGER, CITY ATTORNEY

No changes other than the numbers for the code sections as needed. These amendments are existing to remain and are in alignment with the state's Health codes for public pools.