

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:

(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 require on-site supervision (as defined by Texas Administrative Code, Title 16, Chapter 73, Subsection 73.10) by a qualified licensee of a proper grade classification of electrical license when electrical work is being performed.

(C) Intention. This *Code* is not intended as a design specification or an instruction manual for untrained persons.

(D) Relation to Other International Standards. The requirements in this *Code* address the fundamental principles of protection for safety contained in Section 131 of International Electrotechnical Commission Standard 60364-1, *Electrical Installations of Buildings*.

(E) 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 an Electrical Inspector and other related technical officers and inspectors and other employees as shall be authorized from time to time.

Reference to the "Inspector" and "Electrical Inspector" in this Code shall mean the Electrical Inspector.

3. Right of entry. Whenever necessary to make an inspection to enforce any of the provisions of this Code, or whenever the Chief Building Official or his authorized representative has reasonable cause to believe that there exists in any building or upon any premises any condition or violation which makes such building or premises unsafe, dangerous or hazardous, the Chief Building Official or his authorized representative may enter such building or premises at all reasonable times to inspect the same or to perform any duty imposed upon the Chief Building Official by such Codes, provided that if such building or premises be occupied, he shall first present proper credentials and request entry. If such building or premises is unoccupied, he shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and request entry. If entry be refused, the building official or his authorized representative shall have recourse to every remedy provided by law to secure entry.

When the Chief Building Official or his authorized representative shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, no owner or occupant or any other persons having charge, care or control of any building or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the building official or his authorized representative for the purpose of inspection and examination pursuant to this Code.

4. 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 him 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 electrical contractor, owner, lessee, or occupant of the premises shall be equivalent to personal service of such order. Electrical Inspectors 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 an Electrical Inspector.

5. Stop 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 building official to proceed with the work.

6. Authority to disconnect utilities in emergencies. The Chief Building Official or his authorized representative 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 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.

7. 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, he 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.

8. 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.

9. Liability. The Chief Building Official, or his authorized representative charged with the enforcement of this code, acting in good faith and without malice in the discharge of his duties, shall not thereby render himself 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 his duties. Any suit brought against the Chief Building Official or employee because of such act or omission performed by him 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.

10. Cooperation of other officials and officers. The Chief Building Official or designee may request, and shall receive so far as is required in the discharge of his duties, the assistance and cooperation of other officials of this jurisdiction.

11. Appeals. Any person, firm or corporation may file an appeal with the Chairman of the Building and Standards Commission for review of any decision of the Chief Building Official, provided that such appeal is made in writing within (5) days after notification by the electrical inspector. The Building and Standards Commission 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.

(F) 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 in person with the Building Inspection Department.

2. Classifications of Electrician Licenses:

1. Master Electrician. Means a person possessing the necessary qualifications, training and technical knowledge to plan, layout, and supervise the installation, maintenance and extension of electrical conductors and equipment. This person shall have the authority to order the correction of defects or non-complying work installed in violation of this code.

2. Master Sign Electrician. Means a person possessing the equivalent qualifications as a master electrician, but limited to

installation of signs only - no work may be undertaken on the premises' wiring system by this person, other than the sole connection of a sign to an existing branch circuit or feeder.

3. Journeyman Electrician. Means a person possessing the necessary qualifications, training and technical knowledge to install, maintain and extend electrical conductors and equipment and capable of doing this work in accordance with prepared plans and specifications and under the supervision of a master electrician.

4. Journeyman Sign Electrician. Means a person possessing the equivalent qualifications as a journeyman electrician, but limited to the installation of signs only, under the supervision of a master sign electrician. No work may be undertaken on the premises' wiring system by this person, other than the sole connection of a sign to an existing branch circuit or feeder.

5. Maintenance Electrician. Means a person engaged in the trade of maintaining the electrical system on premises owned and operated by the maintenance electrician's employer.

6. Residential Electrician. Means a person possessing the necessary qualifications, training, and technical knowledge to install, maintain and extend electrical conductors and equipment and capable of doing this work in accordance with prepared plans and specifications and under the supervision of a master electrician. The scope of work allowed by this license is limited to residential premises wiring systems of 225 Amperes or less.

7. Electrical Contractor. Means a person engaged in the business of installing, maintaining or extending, by contract, electrical conductors and equipment. This person shall be a master electrician. An electrical contractor is the only registered electrician that is allowed to acquire a permit.

8. Other license classifications may be recognized if approved by the building official.

3. 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:

1. A current electrical license issued by a municipality and accompanied by a reciprocal letter or provide evidence of satisfactory performance on an electrician's certification conducted by the Southern Building Code Conference International in conjunction with the North Central Texas Council of Governments.

2. A form of picture identification.

3. Business identification to include the business name, business owner(s), address, and telephone number.

4. 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 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.

5. Transfer of registration. It shall be unlawful for any person, firm, or corporation to lend, rent, or transfer an electrical registration issued by the City of Coppell to another person firm, or corporation for any purpose.

6. Revocation of registration. An electrical 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 with intent to defraud.
2. Revocation of an electrical license by a municipality with which the City of Coppell holds a letter of reciprocity.
3. 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 shall be denied registration as an electrician.

7. 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 defective electrical registration of the decision to revoke an electrical registration. Notice shall be deemed effective on the post date of certified mail and/or acceptance by hand delivery.

8. 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.

9. False Representation as to Registration Unlawful. It shall be unlawful for any person, firm, or corporation to represent himself or a business as an electrician or electrical contractor in the City of Coppell without having first properly registered with the Building Inspection Department.

10. 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.

11. 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, a master electrician shall be designated by the owner of such place of business to the Chief Building Official or designee as the person responsible for, and supervising, the electrical work done by such electrical contractor. Such designated master electrician shall be the supervisory electrician for only one (1) electrical contractor within the city at any one time. Should such supervision not be constantly provided, the Electrical Inspector may order the work being done by such electrical contractor to be discontinued until proper supervision and control has been provided and the name of the new master electrician disclosed to Chief Building Official or designee.

12. License display. Each holder of a master, journeyman or specialist license shall carry evidence of proper license on his person at all times while doing electrical work and shall produce and exhibit same when requested by an inspector or officer of the City.

4. Exception from Licensing and Registration.

Persons who are not registered electricians may carry out the following classes of work:

1. The replacement of lamps, fuses and the connection of portable devices to suitable receptacles which have been permanently installed.
2. 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.
3. The installation, alteration or repair of the electric wiring, devices, appliances and equipment installed by or for an electrical public service corporation legally operating in the city when for the use of such corporation in the generation, transmission, distribution or metering of the electrical energy or for the use of such a corporation in the operation of street railways, signals or the transmission of information.
4. Any work involved in the manufacture or test of electrical materials, devices, appliances or apparatus, but not including any installation of wiring other than that required for testing purposes unless such equipment as complete is approved by the Electrical Inspector before it is installed or used.
5. Electrical work done by a property owner in a building owned and occupied by him and classified as his 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 repairable beyond the skills and electrical knowledge of the property owner by the Chief Building Official, or his authorized representative, the Chief Building Official may void the permit or validation 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.

5. Application for permit. To obtain a permit, the applicant shall first file an application therefore in writing on a form furnished by the City agency for that purpose. Every such application shall:

1. Identify and describe the work to be covered by the permit for which application is made.
2. Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.
3. Indicate the use or occupancy for which the proposed work is intended.
4. Be accompanied by plans, diagrams, computations and specifications and other data as required in Subsection (D) of this section.
5. Be signed by permittee, or his authorized agent.
6. Give such other data and information as may be required by the building official.

6. 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 and designed by an engineer licensed by the State of Texas. All drawings, specifications and accompanying data involved with the practice of engineering, such as structural, mechanical, plumbing, electrical, heating and cooling, fire, life and safety systems, shall comply with state and local laws governing the practice of engineering as required by Article 3271a, Vernon's Annotated Texas Statutes.

7. Information on plans and specifications. Plans and specifications shall be drawn to scale upon substantial paper or cloth or otherwise submitted as electronic media files as may be approved 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.

8. Permits issuance. The applications, plans and specifications, and other data, filed by an applicant for permit may be reviewed by other departments of the City to determine compliance with any applicable laws under their jurisdiction. If the work described in an application for a permit and the plans, specifications and other data filed therewith conforms to the requirements of this Code and other pertinent laws and ordinances, and the fees specified by the City of Coppell Master Fee Schedule been paid, the Chief Building Official or designee may issue a permit therefore to the applicant. When the Chief Building Official or designee issues the permit where plans are required, he shall endorse in writing or stamp the plans and specifications "APPROVED." Such approved plans and specifications shall not be changed, modified or altered without authorizations from the Chief Building Official or designee, and all work shall be done in accordance with the approved plans. The Chief Building Official or designee may issue a permit for the construction of part of an electrical system before the entire plans and specifications for the whole system have been submitted or approved, provided adequate information and detailed statements have been filed complying with all pertinent requirements of this code. The holder of such permit shall proceed at his own risk without assurance that the permit for the entire building, structure or building service will be granted.

9. Retention of plans. One set of approved plans and specifications shall be returned to the applicant and shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress. One set of approved plans, specifications and computations shall be retained by the Chief Building Official or designee until final approval of the work.

10. 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.

11. Expiration. Every permit issued by the Chief Building Official or designee under the provisions of this code shall expire by limitation and become null and void, if the building or work authorized by such permit is not commenced within 180 days from the date of such permit, or if the building or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days or more. Before such work can be recommenced, a new permit shall be first obtained and the fee therefore shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that such suspension or abandonment has not exceeded one year. In order to renew action on a permit after expiration, the permittee shall pay a new full permit fee. Any permittee holding an unexpired permit may apply for an extension of the time within which he may commence work under that permit when he is unable to commence work within the time required by this section for good and satisfactory reasons. The Chief Building Official may extend the time for action by the permittee for a period not exceeding 180 days upon written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended more than once.

12. 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.

13. Fees. Permit fees shall be levied in the amounts specified by the City of Coppell, Master Fee Schedule.

(G) 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. Neither the Chief Building Official or 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 person doing the work authorized by a permit to notify the Chief Building Official or designee that such work is ready for inspection. The Chief Building Official or designee may require that every request for inspection is filed at least one working day before such inspection is desired. Such request may be in writing, web or by telephone at the option of the Chief Building Official or designee. It shall be the duty of the person requesting inspections required by this Code to provide access to and means for proper inspection of such work.

3. Operation of electrical equipment. The requirements of this section shall not be construed to prohibit the operation of any electrical system or equipment installed to replace existing equipment. The request for inspection of such equipment must have been filed with the building official not more than 48 hours after such replacement work is completed and before any permanent portion of the building conceals any portion of such electrical system.

4. Other inspections. In addition to the called 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.

5. 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 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.

(H) 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 purveyor. Only authorized employees of the purveyor shall be permitted to make connection between the customer's service entrance conductors and purveyor's lines.

(I) Violations.

It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or 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 Appeals shall be the Building and Standards Commission as appointed by the City Council of the City of Coppell.

Building Code is the International Residential Code for one- and two-family dwellings three stories or less from grade and their accessory structures, or the International Building Code for all others, as currently 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 Chief Building Official.

Electrical Inspector shall be the person providing expertise for the building official in the area of electrical regulations.

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

Electrical Contractor is any person, firm, or corporation to whom a valid, current electrical contractor's registration has been issued by the City of Coppell.

Intersystem Bonding Termination. A device that provides a means for connecting intersystem bonding conductors for communication systems and other systems to the grounding electrode system. Bonding conductors for other systems shall not be larger than 6 AWG.

Journeyman Electrician is a person to whom a valid, current journeyman electrician's registration has been issued by the Texas Department of Licensing and Regulation.

Master Electrician is a person to whom a valid, current master electrician's registration has been issued by the Texas Department of Licensing and Regulation.

Modifications. Whenever there are practical difficulties involved in carrying out the provisions of this code, the Chief Building Official may grant modifications for individual cases, provided he shall first find that a special individual reason makes the strict letter of this code impractical and the modification is in conformity with the intent and purpose of this code, and that such modification does not lessen health, life and fire safety requirements.

Multiple Occupancy Building is a building having more than one tenant and may be of single or mixed-use groups as classified by the Building Code.

3. Amend Article 110.2, Part I to read as follows:

110.2 Approval. The conductors and equipment required or permitted by this Code shall be acceptable only if approved. Approval of equipment may be evident by listing and labeling of equipment by a Nationally Recognized Testing Lab (NRTL) with a certification mark of that laboratory or a qualified third party inspection agency approved by the AHJ.

Exception: Unlisted equipment that is relocated to another location within a jurisdiction or is field modified is subject to the approval by the AHJ. This approval may be by a field evaluation by a NRTL or qualified third party inspection agency approved by the AHJ.

Informational Note No. 1: See 90.7, Examination of Equipment for Safety, and 110.3, Examination, Identification, Installation, and Use of Equipment. See definitions of Approved, Identified, Labeled, and Listed.

Informational Note No. 2: Manufacturer's self-certification of equipment may not necessarily comply with US product safety standards as certified by a Nationally Recognized Testing Lab

Informational Note No. 3: NFPA 790 and 791 provide an example of an approved method for qualifying a third-party inspection agency.

4. Article 210.52(G)(I) Garages:

(1) Garages. In each attached garage and in each detached garage with electric power. At least one receptacle outlet shall be installed for each car space.

5. Article 300.11 (A); add the following exception:

Exception: Ceiling grid support wires may be used for structural supports when the associated wiring is located in that area, not more than two raceways or cables supported per wire, with a maximum nominal metric designation 16 (trade size 1/2").

6. Article 310.15(B)(7); change to read as follows:

(7) This Article shall not be used in conjunction with 220.82.

7. Article 500.8(A)(3); change to read as follows:

(3) Evidence acceptable to the authority having jurisdiction such as a manufacturer's self-evaluation or an owner's engineering judgment signed and sealed by a qualified registered professional engineer.

8. Article 505.7(A) changed to read as follows:

(A) Implementation of Zone Classification System. Classification of areas, engineering and design, selection of equipment and wiring methods, installation, and inspection shall be performed by a qualified person's registered professional engineer.

9. Article 517.30 Essential Electrical Systems for Hospitals; create a new (H) and add the following language:

(G) Coordination. Overcurrent protective devices serving the equipment branch of the essential electrical system shall be coordinated for the period of time that a fault's duration extends beyond 0.1 second.

Exception No. 1: Between transformer primary and secondary overcurrent protective devices, where only one overcurrent protective device or set of overcurrent protective devices exists on the transformer secondary.

Exception No. 2: Between overcurrent protective devices of the same size (ampere rating) in series.

(H) Selective Coordination. Overcurrent protective devices serving the life safety, and critical branches of the essential electrical system shall be selectively coordinated with all supply-side overcurrent protective devices.

Exception No. 1: Between transformer primary and secondary overcurrent protective devices, where only one overcurrent protective device or set of overcurrent protective devices exists on the transformer secondary.

Exception No. 2: Between overcurrent protective devices of the same size (ampere rating) in series.

Informational Note: The terms coordination and coordinated as used in this section do not cover the full range of overcurrent conditions.

10. Article 625.50 changed to read as follows:

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 indoor locations and 24" (600 mm) for outdoor locations. This does not apply to portable EVSE constructed in accordance with 625.44(A).

11. Article 680.25(A) changed to read as follows:

680.25 Feeders. These provisions shall apply to any feeder on the supply side of panelboards supplying branch circuits for pool equipment covered in Part II of this article and on the load side of the service equipment or the source of a separately derived system.

(A) Wiring Methods.

(1) Feeders. Feeders shall be installed in rigid metal conduit or intermediate metal conduit. The following wiring methods shall be permitted if not subject to physical damage:

- (1) Liquid tight flexible nonmetallic conduit
- (2) Rigid polyvinyl chloride conduit
- (3) Reinforced thermosetting resin conduit
- (4) Electrical metallic tubing where installed on or within a building
- (5) Electrical nonmetallic tubing where installed within a building
- (6) Type MC cable where installed within a building and if not subject to corrosive environment
- (7) Nonmetallic-sheathed cable
- (8) Type SE cable

Exception: An existing feeder between an existing remote panel board and service equipment shall be permitted to run in flexible metal conduit or an approved cable assembly that includes an equipment grounding conductor within its outer sheath. The equipment grounding conductor shall comply with 250.24(A)(5)."

12. Article 706.20(B) changed to read as follows:

(B) Dwelling Units. An ESS for one- and two-family dwelling units shall not exceed 100 volts dc between conductors or to ground and shall not be located less than 48" (1219.2 mm) above the floor when located in a private garage unless protected from impact by a means recognized by TXDOT.

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