



**CITY OF WHARTON
ELECTRICAL BOARD MEETING**

**Thursday, May 09, 2024
8:00 AM**

120 E CANEY STREET, WHARTON, TX 77488

**NOTICE OF
CITY OF WHARTON
ELECTRICAL BOARD MEETING**

Notice is hereby given that an Electrical Board Meeting will be held on Thursday, May 09, 2024, at 8:00 AM at the Wharton City Hall, 120 East Caney Street, Wharton, Texas, at which time the following subjects will be discussed to wit:

SEE ATTACHED AGENDA

Dated this 2nd day of May 2024.

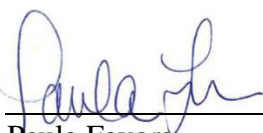
By: /s/ Philip Hamlin
Philip Hamlin, Chairman

I, the undersigned authority, do hereby certify that the above Notice of Meeting of the Electrical Board Meeting is a true and correct copy of said Notice and that I posted a true and correct copy of said Notice on the bulletin board, at the City Hall of said City in Wharton, Texas, a place convenient and readily accessible to the general public at all times, and said Notice was posted on May 2, 2024, at 4:00 p.m. and remained so posted continuously for at least 72 hours preceding the scheduled time of said Meeting.

The Wharton City Hall is wheelchair accessible. Access to the building and special parking is available at the primary entrance. Persons with disabilities, who plan to attend this meeting and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, or large print, are requested to contact the City Secretary's Office at (979) 532-4811 Ext. 225 or by FAX (979) 532-0181 at least two (2) days before the meeting date. BRAILLE IS NOT AVAILABLE.

Dated this 2nd day of May 2024.

CITY OF WHARTON

By: 
Paula Favors
City Secretary



A G E N D A
CITY OF WHARTON
Electrical Board Meeting
Thursday, May 09, 2024
City Hall - 8:00 AM

Call to Order.

Roll Call.

Review & Consider:

1. Reading of the minutes for the regular meeting held on March 20, 2024.
2. Recommendation to amend the 2023 National Electrical Code.
3. Open Discussion

Adjournment.

City of Wharton
120 E. Caney Street
Wharton, TX 77488

ELECTRIC BOARD

Meeting Date:	5/9/2024	Agenda Item:	Reading of the minutes for the regular meeting held on March 20, 2024.
Attached is a copy of the draft minutes from the regular meeting held on March 20, 2024.			
Building Official: Claudia Velasquez		Date: Thursday, May 2, 2024	
Approval: s/ Philip Hamlin			
Chairperson: Philip Hamlin			

**MINUTES
OF
CITY OF WHARTON
ELECTRICAL BOARD MEETING
Tuesday, March 20, 2024 at 8:00 a.m.**

Item-1.

Chairman Philip Hamlin declared a meeting of the Electrical Board duly open for the transaction of business at 8:04 A.M

Board members present: Councilman Burnell Neal, Philip Hamlin, Milton Barbee, and Oscar Uribe Jr

Board members absent: Hector Hernandez

Staff members present: Building Official, Claudia Velasquez

Visitors present: Ronnie Bollom, along with Terry Bader, who is a Contract Master Electrician at Copperweld.

The first item on the agenda was to review and consider Minutes from the meeting held on March 20, 2024. Vice-Chairman Milton Barbee made a motion to approve the minutes as presented. Councilman Burnell Neal seconded the motion. All voted in favor.

The second item on the agenda was to review and consider amending the City of Wharton Code of Ordinances, Chapter 18, Building and Construction, Article V, Electrical Code, 2023 Edition. Master Electrician Terry Bader from Copperweld Bimetallics spoke to the board, providing an overview of the history of copper-clad aluminum wire. He detailed the composition of the materials, discussed advancements, and explained the manufacturing process of copper-clad aluminum wire. After addressing concerns and questions, which included revisiting the identification criteria for material usage, Chairman Philip Hamlin proposed a motion to approve copper-clad aluminum as outlined in the 2023 National Electrical Code Book. This motion was seconded by Oscar Uribe Jr, and all present members voted in favor of it.

The third item on the agenda was to review and consider Open Discussion. No action was taken.

The fourth item on the agenda was adjournment. Councilman Burnell Neal moved to adjourn the meeting. Chairman Philip Hamlin seconded the motion. All voted in favor.

The meeting adjourned at 9:24 a.m.

Philip Hamlin, Chairman

Milton Barbee, Vice-Chairman

City of Wharton
120 E. Caney Street
Wharton, TX 77488

ELECTRIC BOARD

Meeting Date:	5/9/2024	Agenda Item:	Recommendation to amend the 2023 National Electrical Code.
The Board may review and recommend amendments to the City of Wharton Code of Ordinances, Chapter 18, Building and Construction, Article V, Electrical Code, 2023 Edition.			
Building Official: Claudia Velasquez		Date: Thursday, May 2, 2024	
Approval: /s/ Philip Hamlin			
Chairperson: Philip Hamlin			



City of Wharton

120 E. Caney • Wharton, TX 77488
Phone (979) 532-2491 • Fax (979) 532-0181

Item-2.

PLAN REVIEW ATTACHMENT

REFERENCE: CODES AND AMENDMENTS THAT SHALL APPLY TO CONSTRUCTION OF NEW RESIDENTIAL AND/OR COMMERCIAL STRUCTURES.

AMENDMENTS:

Amendments to the Electrical Code.

Sec. 18-251. Decision on questions. The electrical inspector and the electrical board shall decide all questions not provided for in this article pertaining to the installation, operation, or maintenance of electric wiring and apparatus.

Sec. 18-252. Conformity to standards; identification of maker of materials.

- (a) No electrical material, apparatus, device, appliance, fixture, or equipment shall be sold or installed in the city unless it is in conformity with this article, the statutes of the state, and the rules and regulations issued by the state department of commerce under the authority of the state statutes.
- (b) The maker's name, trademark, or other identification symbol shall be placed on all electrical materials, apparatus, devices, appliances, fixtures, and equipment used or installed under this article. All items enumerated in this section shall be listed and /or labeled approved by Underwriters' Laboratories, Inc.

Sec. 18-253. Use of approved wiring. In general, any type of electric wiring or wiring system may be used in the city as approved in the national codes adopted in this article, except where specifically prohibited in this article

Sec. 18-254. Services and feeders. The use of service entrance cable type **SE** shall be prohibited use as a Service Entrance conductor.

Sec. 18-255. Placing meters on the street side of buildings. The electrical public service company shall never require the placing of a meter on the front or street side of a building unless not practical to locate the meter otherwise. In such cases, the location shall be at a point convenient to the electric public service company and as determined by the electrical board.

Sec. 18-256. No. 1 Fire Zone Wiring Methods- General Requirements. Wiring for electric light or power installed for general use in buildings or structures located within the No. 1 fire zone limit of the city shall be installed in metal raceways, flexible metal raceways, nonmetallic raceways encased in not less than 50mm (2 in.) of concrete, type MI, MC, or AC cable. Exception: Wiring

for special occupancies, special equipment, and or special conditions shall be installed in accordance with the provision of the National Electrical Code.

Item-2.

Sec. 18-257. Aluminum cable, conductors, or wire. No aluminum ~~or copper-clad aluminum~~ electric cable, conductors or wire shall be used within the City on any building, structure, or apparatus wiring except as noted in this section.

Aluminum-type conductors may be used in feeders or as service entrance conductors, provided that no such aluminum conductors smaller than number one AWG shall be used. Aluminum conductors, where permitted, shall be installed in conduit and shall only be used in conjunction with compatible lugs, spliced, terminals or connectors. Aluminum conductors shall not be used as grounding electrode conductors. With the exception, aluminum conductors consisting of either two or three insulated wires wrapped around a messenger cable in sizes number six AWG and larger may be used for outside branch circuits and feeders, provided they are installed in accordance with the provisions of the electrical code.

Sec. 18-258. Type UF cable. Type UF electric cable shall be used only for branch circuit wiring on residential properties. Where installed underground, the cable shall be buried in accordance with the latest edition of the National Electric Code. The cable shall be protected by rigid conduit on exterior walls and at the points where it enters and leaves the ground.

Sec. 18-259. Back wired wiring devices. The use of back-wired wiring devices shall be prohibited unless all wires are terminated either under the screw or by use of a screw-activated clamp. Terminating wires by a spring tension clamp are expressly prohibited.

~~**Sec. 18-261. Service Equipment. Disconnecting Means for New Construction.** The service disconnecting means shall be installed at a readily accessible location outside of a building or structure nearest the point of entrance of the service conductors. Note: Required by NEC 2020 Code.~~

Exception: In large commercial and/or industrial applications, this requirement could be waived by the authority of the City of Wharton Electrical Board.

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120 E. Caney Street
Wharton, TX 77488

ELECTRIC BOARD

Meeting Date:	5/9/2024	Agenda Item:	Open Discussion
The Board may discuss upcoming items to be placed on the agenda for future meetings.			
Building Official: Claudia Velasquez		Date: Thursday, May 2, 2024	
Approval: /s/ Philip Hamlin			
Chairperson: Philip Hamlin			