

Exhibit F

Lake Havasu City Amendments to the 2023 Edition of the National Electrical Code

Ordinance No. 25-1370

LAKE HAVASU CITY AMENDMENTS TO THE 2023 EDITION OF THE NATIONAL ELECTRICAL CODE

- Article 90.10 Amend to add new section to read:
90.10 Building Classifications. For the purpose of electrical code applications, all buildings erected within the jurisdiction of the City shall be classified as follows:
 A. Residential
 B. Commercial
- Article 100 Amend to insert definition after Clothes Closet Storage Space:
Commercial. All buildings not defined as residential by this article shall be considered commercial for the purposes of this code.
- Article 100 Amend to insert definition after Remote Disconnect Control:
Residential. Buildings whose actual or potential purpose is for human habitation, for one and two family dwellings, or multi-family dwellings permitted to be of Types III, IV, and V construction. Buildings of public accommodation e.g. hotels, motels, and inns are not included within this classification.
- Article 225.31 Amend to delete entire section, excluding exceptions, and replace with:
The disconnecting means shall be installed outside of a building or other structure at a readily accessible location nearest the point of entrance of the service conductors. The disconnecting means may be installed inside of a commercial or industrial building within the confines of an electrical equipment room. Electrical equipment rooms shall be constructed to meet the following conditions:
 1. The equipment room shall separate the electrical equipment from other portions of the building by not less than a 2-hour rated fire barrier complying with IBC section 707.
 2. Access for Fire Department personnel shall be provided by a minimum 3'-0" x 6'-8" exterior door.
 3. The owner shall place an equipment door key in a lock box accessible to the Fire Department and the utility server on or near the equipment room door.
 4. The equipment room shall be limited to electrical and communication equipment only.
 5. No storage shall occur in the electrical equipment room.
 6. Electrical equipment rooms shall be vented at a ratio of 1 square foot to 150 square feet of floor area when ducts do not provide conditioned air.

Article 225.41 Amend to delete entire section

Article 230.70(A)(1) Amend section to read:

The disconnecting means shall be installed outside of a building or other structure at a readily accessible location nearest the point of entrance of the service conductors. The disconnecting means may be installed inside of a commercial or industrial building within the confines of an electrical equipment room. Electrical equipment rooms shall be constructed to meet the following conditions:

1. The equipment room shall separate the electrical equipment from other portions of the building by not less than a 2-hour rated fire barrier complying with IBC section 707.
2. Access for Fire Department personnel shall be provided by a minimum 3'-0" x 6'-8" exterior door.
3. The owner shall place an equipment door key in a lock box accessible to the Fire Department and the utility server on or near the equipment room door.
4. The equipment room shall be limited to electrical and communication equipment only.
5. No storage shall occur in the electrical equipment room.
6. Electrical equipment rooms shall be vented at a ratio of 1 square foot to 150 square feet of floor area when ducts do not provide conditioned air.

Article 230.85 Amend to delete entire section

Article 250.50 Amend section to read:

In new construction item 250.52 (A) (3) shall be required for the grounding electrode system. Each item in 250.52 (A) (1) through (A) (7) shall be bonded together to form the grounding electrode system. In existing building or structures where none of these electrodes are available, one or more of the electrodes specified in 250.52 (A) (4) through (A) (8) shall be installed and used.

Article 334.10 Amend first sentence to read:

Type NM, Type NMC and Type NMS cables shall be permitted to be used in residential uses as defined in article 100:

Article 334.10(3) Amend to delete item (3)

Article 680.26(B)(2) Amend to add to end of first paragraph:

Structural reinforcing steel shall be provided at 24" o.c. each way and connected to the pool, spa or hot tub shell at four equal points along the perimeter. Structural reinforcing steel shall be bonded in accordance with 680.26(B)(1)(a).

Article 680.26(B)(2)(b)(1) Amend to add second sentence:

Such conductor shall be connected to the pool, spa or hot tub conductive shell at four equal points along the perimeter. For non-conductive pool shells, bonding at four points shall not be required. Connections shall be made as required by 680.26(B).

Article 690.13(A)(1) Amend section to read:

The photovoltaic disconnecting means shall be installed at a readily accessible location outside of a building or structure nearest the point of entrance of the system conductors.