



# City of Grand Island

Tuesday, August 13, 2002

Council Session

## Item F5

### **#8758 - Consideration of Amending Chapter 15 of the Grand Island City Code Relative to the National Electrical Code**

*The City of Grand Island Electrical Board along with the Building Department have reviewed the 2002 National Electrical Code and recommend adoption of ordinance #8758. This ordinance will amend the City Code to allow for the adoption and enforcement of the 2002 National Electrical Code to provide practical safeguarding of persons and property from hazards arising from the use of electricity.*

Staff Contact: Craig Lewis

ORDINANCE NO. 8758

An ordinance to amend Chapter 15 of the Grand Island City Code; to amend Section 15-2 pertaining to adoption of the National Electrical Code, 2002 Edition; to amend Section 15-3 pertaining to amendments to National Electrical Code, 2002 Edition; to repeal Sections 15-2 and 15-3 as now existing, and any ordinance or parts of ordinances in conflict herewith; and to provide for publication and the effective date of this ordinance.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA:

SECTION 1. Section 15-2 of the Grand Island City Code is hereby amended to read as follows:

**§15-2. National Electrical Code Adopted**

(A) There is hereby adopted by the City of Grand Island for the purpose of safeguarding persons and buildings from hazards arising from the use of electricity for light, heat, power, radio, signaling, and other purposes, that certain code known as the National Electrical Code, 2002 Edition, recommended by the National Fire Protection Association, except as modified by this section.

Deleted: 1999

(B) The National Electrical Code adopted by subsection (A) above is modified by deleting Article 210.12, 362, Article 320, Article 210-52C Subsection 2 and 3, which are not adopted and shall have no force or effect. Articles 330, 334, 348, and 352 are amended by §15-3 of the Grand Island City Code.

Deleted: 331, Article 333,

Deleted: 334, 347, and 350

(C) One copy of the National Electrical Code, 2002 Edition, shall be on file in the city clerk's office for public use and inspection as provided by law.

Deleted: 1999

SECTION 2. Section 15-3 of the Grand Island City Code is hereby amended to

read as follows:

**§15-3. Amendments to National Electrical Code, 1999 Edition**

The following sections are adopted as amendments to the same numbered sections of the National Electrical Code, 2002 Edition:

Article 330 - Metal-Clad Cable (Type MC)

Deleted: 1999

330.10 - Uses Permitted. Metal-clad cable may be used for indoor branch circuit use only when installed with a grounding conductor.

Deleted: 334

330.12 - Uses Not Permitted. Metal-clad cable shall not be used in hazardous locations where subject to physical damage, buried in direct contact with the earth, concrete, cinder fill, or where exposed to chemicals or acids.

Deleted: 334-3.

Deleted: 334-4.

Article 334 - Nonmetallic-Sheathed Cable (Types NM, NMC, and NMS)

334.12 - Uses Not Permitted. In any multifamily dwelling or structure exceeding three floors above grade. For the purpose of this article, the first floor of a building shall be that floor that has fifty percent (50%) or more of the exterior wall surface area level with or above finished grade. One additional level that is the first level and not designed for human habitation and only for vehicle parking, storage or similar use shall be permitted.

Approved as to Form ? \_\_\_\_\_  
August 9, 2002 ? City Attorney

ORDINANCE NO. \_\_\_\_\_ (Cont.)

Article ~~352~~, Rigid Nonmetallic Conduit (PVC)

~~352.10~~, Uses Permitted

- (A) Where encased in concrete
- (B) Underground installations
- (C) For service entrances on the outside of buildings where not subject to physical damage
- (D) For raceways to feed subpanels
- (E) In wet locations where used with proper connections and fittings
- (F) For physical protection of ground wires

Deleted: 347

Deleted: 347-2.

~~352.12~~, Uses Not Permitted

- (A) In hazardous (classified) locations (except as provided in National Electrical Code Sections ~~503.3, 504.20, 514.8, or 515.8~~)
- (B) For support of fixtures or other equipment
- (C) Where subject to physical damage
- (D) Where subject to ambient temperatures exceeding those for which the conduit is approved
- ~~(E)~~ In alleys or utility easements, the first section of conduit out of the ground
- ~~(F)~~ For branch circuits

Deleted: 347-3.

Deleted: 504-20, 514-8, or 515-5)¶

Article ~~348~~, Flexible Metal Conduit

~~348.10~~, Uses Permitted.

Flexible metal conduit may be used for fish work in old buildings or other places where rigid conduit is impractical to install. A special permit shall be obtained from the electrical inspector before it is used in any installations.

Deleted: (E) Where passing through an area separation wall or occupancy separation wall¶

Deleted: (F)

Deleted: (G)

Deleted: 350

Deleted: 350-2.

SECTION 3. Sections 15-2 and 15-3 as now existing, and any ordinances or parts

of ordinances in conflict herewith be, and hereby are, repealed.

SECTION 4. That this ordinance shall be in force and take effect from and after

its passage and publication, within fifteen days in one issue of the Grand Island Independent as provided by law.

Enacted: August 13, 2002.

\_\_\_\_\_  
Ken Gnadt, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk