

ORDINANCE NO. 00-26

May 24 11 08 AM '00

ORDINANCE OF MANATEE COUNTY, FLORIDA, AMENDING SECTION 2-6-3 OF THE MANATEE COUNTY CODE OF ORDINANCES RELATING TO ELECTRICAL CODE; ADOPTING THE 1999 EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL AMENDMENTS TO SAID CODE; PROVIDING STANDARDS FOR ELECTRICAL CONSTRUCTION IN FLOODPLAIN; PROVIDING FOR ADMINISTRATION OF THE NATIONAL ELECTRICAL CODE; REPEALING CONFLICTING ORDINANCES AND RESOLUTIONS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on April 7, 1998, the Board of County Commissioners of Manatee County, Florida, enacted Ordinance No. 98-07, codified as Section 2-6-3 of the Manatee County Code of Ordinances, which adopted the 1996 edition of the National Electrical Code and local amendments to said code as the electrical code for Manatee County, Florida; and

WHEREAS, Rule 9B-3.049, Florida Administrative Code, requires the local government with building construction regulation responsibilities to enforce the standards and procedures contained in the National Electrical Code, 1999 Edition; and

WHEREAS, pursuant to Section 553.73(4), Florida Statutes, the Board of County Commissioners of Manatee County has determined that there is a need to adopt more stringent requirements than those specified in the 1999 edition of the National Electrical Code; and

WHEREAS, pursuant to Section 125.66, Florida Statutes, the Board of County Commissioners of Manatee County has held a public hearing to consider the adoption of the 1999 edition of the National Electrical Code and local amendments to said code; and

WHEREAS, the Board of County Commissioners of Manatee County has

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2000 MAY 22 AM 9:45
DEPARTMENT OF STATE
TALLAHASSEE, FLORIDA

00-26 : NATIONAL ELECTRIC CODE

determined that it is in the best interest of the county to adopt the 1999 edition of the National Electrical Code and local amendments to said code as provided in this ordinance.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF MANATEE COUNTY, FLORIDA:

Section 1. Section 2-6-3 of the Manatee County Code of Ordinances is hereby amended to read as follows:

Sec. 2-6-3. Electrical code adopted.

(a) The 1999 A new electrical code for Manatee County, Florida, is hereby adopted, consisting of the 1996 edition of the National Electrical Code, NFPA 70-1999, published copyrighted by the National Fire Protection Administration Agency (NFPA 70), with as amended in the local amendments to said Code manner provided in this ordinance, is hereby adopted as the electrical code for Manatee County, Florida Exhibit "A", attached hereto and incorporated by reference herein. A copy of the National Electrical Code is on file in the office of the clerk of the circuit court.

(b) Part A of Article 100 of the National Electrical Code is hereby amended by the addition of definitions to read as follows:

Article 100 – Definitions

A. General

Family. One (1) or more persons living together on a non-transient basis as a single non-profit housekeeping group in a dwelling unit, which group is comprised of one (1) of the following:

- (1) A natural family of one (1) or more persons who are all related to each other by law, blood, marriage or adoption; or
- (2) Two (2) or more persons related by law, blood, marriage or adoption (the natural family) and not more than four (4) persons who are not so related to persons in the natural family; or
- (3) A group of not more than six (6) persons who are not related by law, blood, marriage or adoption.

New Construction. Construction activity for which the start of construction commenced on or after the effective date of this ordinance.

Usable Crawl Space. Crawl space which is designed for piping, wiring or ductwork, and which has a minimum clearance of eighteen inches (18") between the grade and the underside of any structural members.

(c) Section 210-11 of the National Electrical Code is hereby amended by the addition of paragraph (d) to read as follows:

210-11. Branch Circuits Required.

(d) Spare Branch Circuits. In each service installation, space for two (2) or more spare circuits shall be provided within each branch circuit panelboard.

(d) Section 220-4 of the National Electrical Code is hereby amended by the addition of paragraph (d) to read as follows:

220-4. Maximum Loads.

(d) Residential Lighting and Receptacle Outlet Loads. The maximum number of lighting and receptacle outlets on a two (2) wire circuit shall be ten (10) outlets on a 14-2 AWG.

(e) Section 230-28 of the National Electrical Code is hereby amended by the addition of paragraphs (a), (b) and (c) to read as follows:

230-28. Service Masts as Supports.

(a) All service entrance conductors shall be in a raceway.

(b) All service masts extending through the roof shall be a minimum size of two inches (2") rigid galvanized metal conduit or IMC conduit.

(c) During any service change, the new service shall be brought into compliance with all applicable codes currently in effect.

(f) Section 250-50 of the National Electrical Code is hereby amended by the addition of subparagraph (a)(3) to read as follows:

250-50. Grounding Electrode System.

(a) Metal Underground Water Pipe.

(3) Other Requirements. A metal underground water pipe shall not be smaller than three-fourths inch (3/4"). When all underground water piping is non-metallic metal, the system shall be

grounded in compliance with Section 250-56 (two (2) electrodes six feet (6') apart).

(g) Section 310-14 of the National Electrical Code is hereby amended to read as follows:

310-14. Aluminum Conductor Material. ~~No Solid aluminum wire conductors No. 8, 10, and 12 shall be permitted to be installed made of an AA-8000 series electrical grade aluminum alloy conductor material. Stranded aluminum conductors No. 8 through 1000 kcmil marked as Type XHHW, THW, THHW, THWN, THHN, service-entrance Type SE Style U and SE Style R shall be made of an AA-8000 series electrical grade aluminum alloy conductor material.~~

(h) Section 336-5 of the National Electrical Code is hereby amended by the addition of paragraph (c) to read as follows:

336-5. Uses Not Permitted.

(c) Wiring in Raceways. In addition to the locations and types of structures specified in this Code, wiring installations shall be in raceways for all non-residential facilities and all adult congregate living facilities, residential custodial care facilities, and supervisory care facilities housing six (6) or more persons.

Exception: Low voltage and signaling circuits when installed in accordance with other applicable sections of this Code, including, but not limited to, Articles 700, 725, 760, 800 and 820.

(i) Paragraph (c) of Section 410-16 of the National Electrical Code
is hereby amended to read as follows:

410-16. Means of Support.

(c) Suspended Ceilings. Fixtures installed within the framework
~~Framing members of a suspended ceiling systems used to support~~
~~fixtures shall be securely supported by galvanized iron wire fastened~~
~~at diagonal ends of the fixture to each other and shall be securely~~
~~attached to structural members above the ceiling grid work building~~
~~structure at appropriate intervals. Fixtures shall be securely fastened~~
~~to the ceiling framing member by mechanical means such as bolts,~~
~~screws, or rivets. Listed clips identified for use with the type of ceiling~~
~~framing member(s) and fixture(s) shall also be permitted.~~

(j) Section 422-33 of the National Electrical Code is hereby
amended by the addition of paragraph (e) to read as follows:

422-33. Unit Switch(es) as Disconnecting Means.

(e) Residential Dishwashers. All residential dishwashers installed
shall be connected by cord and plug.

(k) Subparagraph (a)(2) of Section 680-20 of the National
Electrical Code is hereby amended to read as follows:

680-20. Underwater Lighting Fixtures.

(a) General.

(2) No lighting fixtures shall be installed for operation at or

supply circuits over thirty (30) 150 volts between conductors.

(l) Appendix F of the National Electrical Code is hereby created to read as follows:

APPENDIX F

REFERENCE STANDARDS

The following referenced standards and editions shall be part of the electrical code for Manatee County:

- (1) The following standards of the NFPA (National Fire Protection Association) which prescribe minimum electrical requirements:
 - (a) NFPA 56A-1978, Inhalation Anesthetics, 1978 edition.
 - (b) NFPA 56B-1982, Respiratory Therapy, 1982 edition.
 - (c) NFPA 56C-1980, Laboratories in Health Related Institutions, 1980 edition.
 - (d) NFPA 56D-1982, Hyperbaric Facilities, 1982 edition.
 - (e) NFPA 56F-1983, Nonflammable Medical Gas Systems, 1983 edition.
 - (f) NFPA 76A-1984, Essential Electrical Systems for Health Care Facilities, 1984 edition.
- (2) UL 57 and UL 153 (Underwriters Laboratories, Inc.), Standards for Safety – Electrical Lighting Fixtures and Portable Lamps, most recent editions.
- (3) UL 48 (Underwriters Laboratories, Inc.), Standards for Electric

Signs, most recent edition.

(4) Chapter 59A-4, Florida Administrative Code, as amended, Minimum Standards for Nursing Homes.

(m) All electrical equipment and wiring located within the limits of the one hundred (100) year floodplain shall comply with Article II of Chapter 2-10 of the Manatee County Code of Ordinances, as amended, Section 718 of the Manatee County Land Development Code, as amended, and all other applicable federal, state, county and local statutes, laws, ordinances, codes, rules and regulations relating to floodplain management. All new electrical equipment and wiring shall be installed at or above the base flood elevation unless otherwise provided in the codes or regulations referenced above. The following electrical equipment and wiring shall be allowed below the base flood elevation if the construction is self-draining:

- (1) Meters; provided, however, that all disconnects must comply with minimum elevation requirements.
- (2) Wall switches for stair and exterior exit lighting as required for safety purposes.
- (3) Electrical branch circuits to exempt equipment such as well pumps, irrigation pumps and pool pumps.

(nb) This Code ~~The administration of this code shall be administered~~ in accordance with Article 90 of the National Electrical Code, as amended, Chapter this code and chapter 1, as amended; of the Standard Building

Code, as amended, and as well as other policies and procedures established by Manatee County.

(c) ~~A copy of the aforesaid code and amendments thereto shall be kept with the clerk of the circuit court in and for Manatee County, Florida.~~

Section 2. Except as otherwise provided in Section 4 of this ordinance, all ordinances or resolutions or parts of ordinances or resolutions in conflict with the provisions of this ordinance, including, but not limited to, Ordinance No. 98-07, Ordinance No. 93-38, Ordinance No. 90-39, and Ordinance No. 90-05, are hereby repealed to the extent of such conflict.

Section 3. If any provision of this ordinance or the application thereof to any person or circumstance if held invalid, the invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are declared severable.

Section 4. Ordinance No. 98-07 shall apply to all permits involving electrical work for which applications have been submitted prior to the effective date of this ordinance until the certificates of occupancy for such permits have been issued or until such permits have expired or otherwise terminated.


Section 5. This ordinance shall become effective on July 1, 2000, and shall apply to all permits involving electrical work for which applications are submitted on or after the effective date of this ordinance.

ADOPTED AND ENACTED by the Board of County Commissioners of Manatee County, Florida, with a quorum present and voting, on the 16th day of MAY, 2000.

BOARD OF COUNTY COMMISSIONERS OF MANATEE COUNTY, FLORIDA

By: Jean Stepher
Chairman

ATTEST: R. B. Shore
Clerk of the Circuit Court

By: Susan Romina


STATE OF FLORIDA COUNTY OF MANATEE
I hereby certify that the foregoing is a true copy of ORDINANCE NO. 00-26 adopted by the Board of County Commissioners of said County on the 16th day of MAY, 2000 this 18th day of MAY, 2000, in Bradenton, Florida

R.B. Shore
Clerk of Circuit Court
By: Randy Shore D.C.



DIVISIONS OF FLORIDA DEPARTMENT OF STATE
Office of the Secretary
Division of Administrative Services
Division of Corporations
Division of Cultural Affairs
Division of Elections
Division of Historical Resources
Division of Library and Information Services
Division of Licensing
MEMBER OF THE FLORIDA CABINET



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Historic Florida Preservation Board
Historic Palm Beach County Preservation Board
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Historic Tampa/Hillsborough County
Preservation Board
RINGLING MUSEUM OF ART

FLORIDA DEPARTMENT OF STATE
Katherine Harris
Secretary of State
DIVISION OF ELECTIONS

May 22, 2000

Honorable R. B. Shore
Clerk of the Circuit Court and Comptroller
Manatee County
Post Office Box 1000
Bradenton, Florida 34206

FILED FOR RECORD
MAY 24 11 00 AM '00

Attention: Janene Kearney, Deputy Clerk

Dear Mr. Shore:

Pursuant to the provisions of Section 125.66, Florida Statutes, this will acknowledge receipt of your letter dated May 18, 2000 and certified copy of Manatee County Ordinance No. 00-26, which was filed in this office on May 22, 2000.

As requested, the date stamped copy is being returned for your records.

Sincerely,

Liz Cloud, Chief
Bureau of Administrative Code

LC/mp

Enclosure

Municipal Code Corporation
info@mail.municode.com
PO Box 2235
Tallahassee, FL 32316-2235

Supplement 46

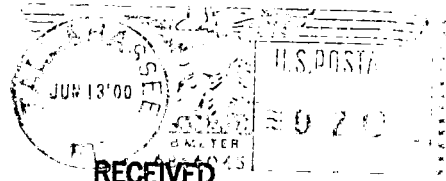
06/12/2000

We have received the following material through
hard copy. Thank you for your assistance and
cooperation.

Ordinance No. 00-26.

800-262-2633 fax 850-575-8852 BJJ
We can print your policy and procedure manuals.
Let us help you get your Manuals up-to-date.
Tired of mailing out Codes and Supplement?
We can distribute them for you for a minimal fee!

34206+3400



JUN 15 2000

BOARD RECORDS

TO:
Mr. R. B. "Chips" Shore
Clerk of Circuit Court
Manatee County
PO Box 25400
Bradenton, FL 34206



6/1/00 GJC - For a copy of
the NEC, please see the orig
ordinance or the copy by the
revenue bonds.

6/1/00 GJC
CC: Municipal Code
Jim Lee, Bldg