

BILL NO. 94-88

ORDINANCE NO. 3854

AN ORDINANCE RELATING TO THE ADOPTION OF AN ELECTRICAL CODE; AMENDING TITLE 16, CHAPTER 12, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1993 EDITION OF THE NATIONAL ELECTRICAL CODE AS PART 1 OF SAID CHAPTER, BY REPLACING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE IN THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE WITH A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE NATIONAL ELECTRICAL CODE, 1993 EDITION," ADOPTED AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE NATIONAL ELECTRICAL CODE, 1993 EDITION, PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATIONS HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

Sponsored by:
Mayor Jan Laverty Jones

Summary: Adopts the 1993 Edition of the National Electrical Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Electrical Code.

THE CITY COUNCIL OF THE CITY OF LAS VEGAS DOES HEREBY
ORDAIN AS FOLLOWS:

SECTION 1: Title 16, Chapter 12, Section 10, of the Municipal Code of the City of Las Vegas, Nevada 1983 Edition, is hereby amended to read as follows:

16.12.010: Those certain documents, three copies of which are on file in the Office of the City Clerk, and being marked and designated as follows, are adopted by reference as and for the City's Electrical Code:

(A) National Electrical Code, [1990] 1993 Edition, hereby designated as Part 1 of this Chapter; and

(B) A supplemental document deleting from and adding to the National Electrical Code, [1990] 1993 Edition, hereby designated as Part 2 of this Chapter.

SECTION 2: The National Electrical Code, 1990 Edition, and the

1 supplemental document amending that edition, are hereby repealed in their entirety.

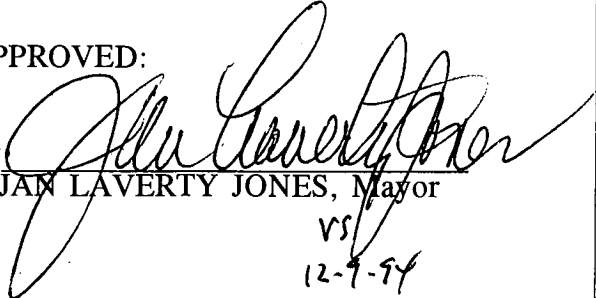
2 SECTION 3: If any section, subsection, subdivision, paragraph, sentence,
3 clause or phrase in this ordinance of any part thereof, is for any reason held to be unconstitutional
4 or invalid or ineffective by any court of competent jurisdiction, such decision shall not affect the
5 validity or effectiveness of the remaining portions of this ordinance or any part thereof. The City
6 Council of the City of Las Vegas, Nevada, hereby declares that it would have passed each section,
7 subsection, subdivision, paragraph, sentence, clause or phrase thereof irrespective of the fact that
8 any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses or phrases to
9 be declared unconstitutional, invalid or ineffective.

10 SECTION 4: Whenever in this ordinance any act is prohibited or is made
11 or declared to be unlawful or an offense or a misdemeanor, or whenever in this ordinance the
12 doing of any act is required or the failure to do any act is made or declared to be unlawful or an
13 offense or a misdemeanor, the doing of any such prohibited act or the failure to do any such
14 required act shall be punished by a fine of not more than \$1,000.00 or by the imprisonment for
15 a term o not more than six (6) months, or by any combination of such fine and imprisonment.
16 Any day of any violation of this ordinance shall constitute a separate offense.

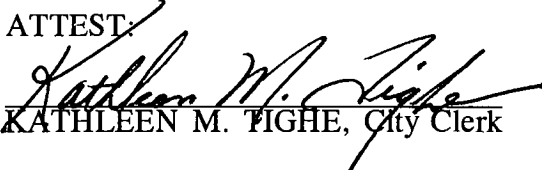
17 SECTION 5: All ordinances or parts of ordinances, sections, subsections,
18 phrases, sentences, clauses or paragraphs contained in the Municipal Code of the City of Las
19 Vegas, Nevada, 1983 Edition, in conflict herewith are hereby repealed.

20 PASSED, ADOPTED AND APPROVED this 7th day of December,
21 1994.

22 APPROVED:

23 By 
24 JAN LAVERTY JONES, Mayor

25 ATTEST:

26 
KATHLEEN M. TIGHE, City Clerk

VS
12-7-94

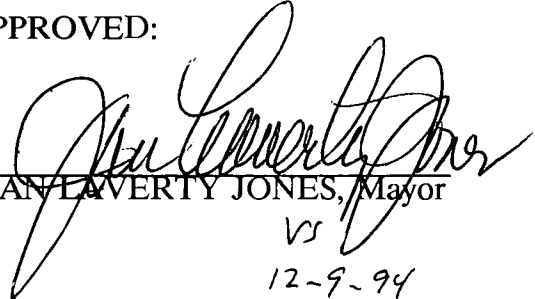
1 The above and foregoing ordinance was first proposed and read by title to the City Council
2 on the 2nd day of November, 1994, and referred to the following committee composed of
3 Councilman Higginson and Mayor Jones for recommendation; thereafter the said
4 committee reported favorably on said ordinance on the 7th day of December, 1994, which
5 was a regular meeting of said Council; that at said regular meeting, the proposed
6 ordinance was read by title to the City Council as first introduced and adopted by the
7 following vote:

8 VOTING "AYE": Councilmen Adamsen, Higginson, Hawkins Jr., Brass and Mayor Jones

9 VOTING "NAY": NONE

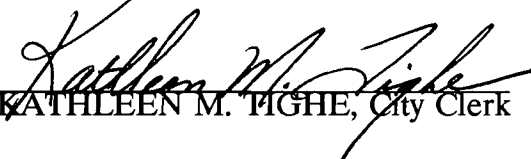
10 ABSENT: NONE

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12 APPROVED:

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14 By 
JAN LAVERY JONES, Mayor

VS
12-9-94

15 ATTEST:

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17 KATHLEEN M. TIGHE, City Clerk
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**A SUPPLEMENTAL DOCUMENT AMENDING
THE NATIONAL ELECTRICAL CODE, 1993 EDITION**

Section 1: Certain provisions of the National Electrical Code, 1993 Edition, are hereby amended, deleted or added to as set forth in this Supplemental Document. Except as otherwise indicated, all section and chapter references contained in this Supplemental Document are to the National Electrical Code, 1993 Edition.

Section 2: Chapter 1 of the National Electrical Code, 1993 Edition, is hereby amended by adding thereto a new article designated as Article 120, reading as follows:

Article 120 - ADMINISTRATION

I. ABBREVIATIONS AND DEFINITIONS. For the purpose of this Code, certain terms, phrases, words and their derivatives shall be construed as specified in this section. Where terms are within the context with which they are used. Webster's Third New International Dictionary of the English Language, Unabridged, Copyright 1981, shall be considered as providing ordinarily accepted meanings. Words used in the singular include the plural and the plural the singular. Words used in the masculine gender include the feminine and the feminine the masculine.

"APPROVED" - as to materials, equipment and method of construction. Refers to approval by the building official as the result of investigation and tests by recognized authorities, technical or scientific organizations. Unless otherwise stated, a current listing of a product by the Underwriter's Laboratories (UL) shall be considered as an approval.

"AWG" - American Wire Gauge; A standard of conductor measure.

"CITY ELECTRICAL INSPECTOR" - One or more of the electrical inspectors employed by the City's Department of Building and Safety.

"DIRECTOR" - Director of the Department of Building of Safety, who is also the Building Official, and the Authority Having Jurisdiction as specified in the National Electrical Code.

"FIRE ASSEMBLY AND FIRE RESISTIVE CONSTRUCTION" - as defined in Chapter 4 of the UBC.

"FIREWALL" - for the purposes of this chapter only, is the same as an area separation wall as used in the UBC for the determination of the number and placement of main switches on a structure.

"LISTED, LABELED, and LISTING" - are terms referring to equipment and materials which are shown in a list published by an approved testing agency, qualified and equipped for experimental testing and maintaining an adequate periodic inspection of current productions and whose listing states that the equipment complies with recognized safety standards.

"MASTER" - A generic term including Master Electricians, Master Neon Electricians and Master Technicians certified as such by Clark County before July 1, 1985 as well as individuals who have passed the appropriate examination(s) of the State of Nevada Contractor's Board

subsequent to July 1, 1985 and otherwise met the qualifications of and been accepted by the State of Nevada Contractor's Board as Qualified Individuals for the full extent of Category C-2 Electrical Contractor after July 1, 1985.

"MASTER NEON ELECTRICIAN" - A person capable of laying out, installing and supervising electrical and gas-tube sign fabrication and erection who was certified as such by Clark County before July 1, 1985.

"MASTER TECHNICIAN" - A person capable of laying out and supervising commercial sound, radio, television, and low voltage control systems involving solid state devices or electronic tubes who was certified as such by Clark County before July 1, 1985.

"NEC" - National Electrical Code, NFPA #70, adopted as the Electrical Code of the City of Las Vegas.

"OCCUPANCY" is the purpose for which a building, or part thereof, is used or intended to be used.

"QUALIFIED INDIVIDUAL/QI" - For the purposes of this ordinance, an individual who has passed an appropriate examination(s) of the State of Nevada Contractor's Board subsequent to July 1, 1985 and otherwise met the qualifications of and been accepted by the State of Nevada Contractor's Board as a Qualified Individual in one or more of the subcategories of electrical contracting after July 1, 1985.

"UBC" - Uniform Building Code, adopted as the Building Code of the City of Las Vegas.

"UL" - Underwriters' Laboratories, Inc.

"UNIT" - One home, apartment building, store, warehouse, hall auditorium, condominium unit or hotel. Each interior remodel for single occupancy of a store or warehouse shall establish a new unit.

Section 3: AUTHORITY AND ENFORCEMENT

I. **Administration.** The purpose of this Code is to provide requirements for installation of electric wiring devices, appliances, and equipment within the City of Las Vegas. The provisions of this Code are intended to be used in conjunction with the Uniform Administrative Code adopted by the City of Las Vegas (the "UAC") and other appropriate codes and ordinances. Several provisions of this Code are parallel or similar to provisions of the UAC. Both codes shall be applied to the extent possible. In the event of conflict, the provisions of Section 106 of the UAC shall govern, unless otherwise deemed appropriate by the Director or his designee.

II. **Compliance.** It shall be unlawful for any person, firm, or corporation to use within the City of Las Vegas any electrical wiring, fixture, appliance, or apparatus that does not conform to the requirements of this Code and the UL (or any other approved testing agency with equivalent standards). Upon notice or otherwise, the City Electrical Inspector is authorized to conduct any inspection necessary to ascertain that all electrical wiring, fixtures, appliances, and apparatuses

for use, used, or installed within the City comply with the requirements of this Code and the UL (or any other approved testing agency with equivalent standards).

III. Unlawful Installations. If the City Electrical Inspector finds any part of any electric light or power wiring, appliance, apparatus, or fixture in or upon any building in the City of Las Vegas to have been installed without a permit or installed in such a manner to constitute a hazard, the Building Official shall have the right and power to disconnect electrical service and place a seal upon the same, and shall at the same time give written notice of such disconnection to the owner or occupant of the building and the electrical power utility company. After the wiring, fixtures, appliances or apparatus have been put in the condition required by this Chapter, the seal so placed shall be removed by order of the Building Official. It shall be unlawful for any person to use any current in or through such disconnected wiring, appliance, apparatus, or fixture, or otherwise supply current to such disconnected wiring, fixture, appliance, or apparatus, or to remove, break, or deface any seal so placed.

Section 4: PERMITS, CERTIFICATION AND LICENSING

I. Permit Requirements.

A. General. No wiring shall be installed or layed out for any lights, power, heating devices, or any apparatus which generates, transmits, transforms, or utilizes any electricity, including private telephone systems, nor shall any alteration or addition be made in existing wiring without securing a permit therefor; provided, however, that no permit shall be required for service work or changeouts up to the first means of disconnect, in single family dwellings only, of existing air conditioning/heating units which have identical ampacity requirements. Permit applications must describe the proposed work and shall be made in writing by the person, firm or other entity that will do the work. The application must identify the work location by street and house number, and the permit shall be valid only for that location.

B. Drawings. Each application for a permit to install electrical wiring in a single family dwelling or an accessory building (shed, garage, etc.) must have attached thereto a drawing showing the electrical layout, including the wire apparatus. Load calculations must be included if required by the City Electrical Inspector or by the Building Official or his designee. Each application for a permit to install electrical wiring in a structure other than a single family dwelling or an accessory building must have attached thereto drawings showing in detail the electrical layout, including the wire apparatus and load calculations. The City Electrical Inspector may waive drawings for small, insignificant structures or additions.

II. Journeyman Electrician. A Journeyman Electrician is an individual who has demonstrated qualifications in having the skills to perform independent work in the electrical field or to supervise lesser qualified electricians. The individual has taken and passed the Journeyman Electrician examination given by an independent agency accepted by the Building Official. Such

examination shall be designed for the purpose of establishing qualifications to perform the work of a Journeyman Electrician. An individual holding a valid, current certificate of Journeyman Electrician qualification from an accepted independent testing agency or from a political subdivision of the State of Nevada within the geographic boundaries of Clark County may be recognized as a Journeyman Electrician.

III. Master Electrician and Qualified Individual.

A. General. A Master Electrician and Qualified Individual (QI) are individuals who have demonstrated competency to lay out, inspect, install and supervise all aspects of electrical work in one or more categories of the field. The term "Master" shall be considered generic to include Master Neon Electricians, Master Electricians, and Master Technicians who were certified under the Joint Board of Electrical Examiners of Clark County program prior to July 1, 1985.

B. Duties.

(1) Supervision and Inspection. The Master or QI is responsible to supervise and inspect the work to be performed pursuant to the scope of the permit and the approved plans and verify that said work shall meet all the requirements of this Code, and to ensure that the work is installed in good workmanlike manner. The Master or QI is responsible to the Building Department for conformance with the requirements of this Code and other applicable standards and requirements.

(2) Plan/Calculation Preparation. When plans and calculations have been required pursuant to this Code or other building-related code and are not done by an electrical engineer who is responsible for the work, the Master or QI is responsible for the correctness of calculation and design in conformance to the Electrical Code of the City of Las Vegas. This includes all work provided for review by the Building Department prior to issuance of a permit or provided for approval of a change to approved plans. Electrical plans shall be prepared only by one or more of the following: an electrical engineer registered in the State of Nevada, an architect registered in the State of Nevada, a Master, or a QI. Plans prepared by an engineer or architect shall be stamped, dated, and signed by that person. Plans prepared by a Master or a QI must be signed by that person and shall indicate whether the person is a Master or a QI.

(3) Pretesting Required. It is the responsibility of the Master or QI to ensure that all required life safety systems provided in any building (i.e., fire alarms, emergency generators, duct detector devices, voice alarm/paging systems, central controls, and other electrical systems) are pretested and in proper working order prior to making inspection requests to the Building Department.

C. Certification. A certification issued by a third-party independent agency in compliance with the following standards and maintained in current standing by renewal of the

certification shall be recognized by the department as meeting the technical requirements inherent in the duties of a Master or QI stated above:

(1) A Master Electrician, Master neon Electrician or Master Technician who was previously tested and certified under the Joint Board of Electrical Examiners of Clark County Program prior to July 1, 1985.

(2) A Qualified Individual who, after July 1, 1985, has taken and passed the qualification examination of the State of Nevada Contractor's Board (or their authorized third-party testing agency) for one or more categories of electrical contracting.

The City of Las Vegas accepts a QI who has been tested and certified by the State of Nevada Contractor's Board as being competent to perform duties equivalent to any or all functions of Masters identified in the Electrical Code of the City of Las Vegas to the extent of this qualification. This means that a Qualified Individual must be verified as competent in the specific area of electrical work related to the scope of work requested for the permit.

D. Renewal of Certificates. It is the duty of every Master and QI to maintain Master and QI certifications in a current active status in accordance with the third-party testing agency accepted by the State of Nevada Contractor's Board and to renew as required.

E. Currency of State Certification. A Master or QI found not to meet the qualification standard of the State of Nevada Contractor's Board for a Qualified Individual in any electrical contractor's license classification, or whose certification has been revoked, shall not be recognized as certified, until that person again meets the standards of certification by re-examination.

F. Multiple Affiliations. In order for a Master or QI to act as such on behalf of more than one electrical contracting business, the Master or QI must have supervisory responsibility for, and at least a 50% ownership interest in, each such business.

IV. Contractors' Responsibilities.

A. Business License. Any person engaged in the business of installing electrical wires (including, but not limited to power, signal, or control fixtures, appliances, apparatus, raceways or conduits, or any parts thereof), which utilize energy in any form and in connection with which electrical energy is used for any purpose whatsoever in the City of Las Vegas shall first secure the appropriate contractor's license from the State Contractor's Board and a contractor's business license from the City's Department of Business Activity.

B. Competent Employees. No person, firm or corporation shall engage in the installation, alteration, construction of any electrical work, wiring devices, fixtures, appliances or equipment inside or outside of any building either by himself or through his agents or employees unless he holds an appropriate category of business license, and he or one of his employees

holds an appropriate Master or QI certification or its equivalent, issued by the County. The contractor is responsible to hire competent employees to perform all electrical work.

1. Master or QI Required. It is the contractor's responsibility to employ at least one Master or QI of the appropriate category for permits requested to perform the duties of a Master or QI. In addition, the contractor shall ensure that all employees engaged in electrical work are qualified to perform that work. Upon written request by the City Electrical Inspector or other representatives of the Building Department, the contractor shall provide a written list of Masters, QI, and other employees performing electrical work with their respective certification qualification control numbers and issuing agency, by each job or permit in effect.

2. Supervision on Site. Every building construction job site, at which there is electrical work being performed under a permitted scope of work, shall have one or more of the following persons present during work hours in a supervisory capacity for the permitted work:

- (a) A Master or QI, or,
- (b) A Journeyman electrician.

3. Duties. Each electrical contractor, whether he possesses a valid appropriate Master or QI certification or employs a person possessing either the Master or QI certification shall at all times be responsible for the proper supervision and inspection of the work to be performed pursuant to the scope of the electrical permit(s) issued to him and that said work shall meet all the requirements of the Electrical and Building Codes of the City of Las Vegas, and be installed in a workmanlike manner.

C. Exception. The requirements of this Subsection IV do not apply to work done under a permit issued to an owner/builder for a work in or on a one or two family dwelling used exclusively for living purposes, including any customary and incidental accessory structure, if the permittee:

- (A) Is the bona fide owner of the premises on which the structures are located; and
- (B) Occupies or demonstrates an intention to occupy those premises for living purposes.

Section 5: Mechanical Execution of Work. NEC Section 110-12 is amended by the addition of new subsections (d) and (e) which shall read as follows:

(d) Abandoned Conductors or Cables. No electrical conductors or cables shall be abandoned in place. Such conductors or cables shall be removed from the building or structure back to the panelboard unless otherwise approved by the Building Official or his designated representative based upon consideration of safety and combustibility issues involved.

(e) Used or Damaged Materials or Equipment. Used or damaged materials or equipment shall not be installed or used in any work without the prior approval of the Building Official or his designated representative.

Section 6: Ground-Fault Circuit Interrupter Protection for Personnel. NEC Section 210-8 is amended by the addition of a new subsection (c) which shall read as follows:

(c) All Occupancies.

(1) Ground-Fault Circuit-Interrupter protection shall be provided for all lighting fixtures which are located within a zone measured 3 feet (914 mm) horizontally and 8 feet (2.44m) vertically from the top of a shower pan rim, a bath tub rim or the high water level, whichever is greater. This zone is all encompassing and shall include the zone over the shower, bath tub or similar locations.

(2) All 125-volt, single-phase, 15 and 20 ampere receptacles installed outdoors where there is direct grade level access to the receptacles shall have ground-fault circuit-interrupter protection for personnel.

(3) All 125-volt, single-phase, 15 and 20 ampere receptacles installed within 6 feet (1.83 m) of sinks, basins or laundry trays shall have ground-fault circuit-interrupter protection for personnel.

Section 7: Permissible Loads. NEC Section 210-23 is amended by the addition of a new subsection (e) which shall read as follows:

(e) Dwelling Branch Circuits.

(1) The maximum number of lighting outlets on a 15 ampere, 125 volt (nominal) lighting fixture circuit shall be 10.

(2) The maximum number of outlets on a 20 ampere, 125 volt (nominal) circuit used either exclusively for receptacles or exclusively for lighting fixtures or for any combination of receptacles and lighting fixtures shall be 10.

(3) No more than 4 duplex receptacle outlets serving the required counter top receptacles shall be installed on any small appliance branch circuit.

Exception: Receptacles installed to provide power for electric ignition systems or clock timers for gas-fired ranges, ovens and counter-mounted cooking units.

(4) Each electrical water heater shall have a minimum conductor size of No. 10 AWG copper.

Exception: Instantaneous type units, when specifications and plans are approved for such purposes.

(5) The following appliances are required to have a separate 20 ampere circuit: dishwasher, trash compactor, swamp cooler, microwave oven, and washer (fixed or built in). The washer circuit may serve one (1) additional outlet in the laundry area.

Section 8: Dwelling Unit Receptacle Outlets. NEC Section 210-52 is amended by the addition of a new subsection (i) which shall read as follows:

(i) Stairwell Landings. Stairwell landings which are 12 feet (3.66m) or more from a receptacle outlet shall have at least one receptacle outlet.

Section 9: Guest Rooms. NEC Section 210-60 is amended by the addition of a new sentence at the end of the Exception which shall read as follows:

These receptacles shall be located no farther than 6 feet (1.83 m) from their otherwise required locations.

Section 10: Lighting Outlets Required. NEC Section 210-70 is amended by the addition of a new sentence to the end of the first paragraph of subsection (a) which shall read as follows:

Unless prohibited by structural design, the wall switch shall be located at the point of entry. The wall switch shall not be located behind the entry door when it is in the fully open position.

Section 11: Lighting Outlets Required. NEC Section 210-70 is amended by the addition of new subsections (d) and (e) which shall read as follows:

(d) Closet. All walk-in closets or storage areas of 20 square feet (1.86 sq m) or more in floor area shall contain a light fixture controlled by a wall switch.

(e) Mini Storage. All interior accessed mini storage units exceeding 35 square feet (3.25 sq m) and all exterior accessed units exceeding 100 square feet (9.29 sq m) shall require an interior light and wall switch or other approved means of lighting.

Section 12: Calculated Loads--Single Family Dwelling Service. NEC Article 220 is amended by the addition of Section 220-5 which shall read as follows:

The calculated load of a new single family dwelling service shall allow a minimum of 20 amperes for future expansion. The total calculated load shall be computed so as to include the additional 20 amperes.

Section 13: Optional Calculations for Computing Feeder and Service Loads. NEC Article 220 - Part C is amended by the deletion of Sections 220-30, 220-31, 220-32, and 220-33.

Section 14: Number of Services. NEC Section 230-2 is amended by the addition of a new paragraph following the exceptions which shall read as follows:

In a building with multiple tenant spaces, a single tenant space shall be served by, or have all disconnecting means at, a single service location.

Section 15: Services. The NEC is amended by the addition of a new section, designated as Section 230-11, which shall read as follows:

230-11 Location of Service Laterals or Drops. All conductors shall traverse only the property to be served by those conductors, except through public or private easements.

Section 16: Size and Rating. NEC Section 230-42 is amended by the addition of a new sentence after the exceptions to subsection (b) which shall read as follows:

(4) All ungrounded service entrance conductors within the same service shall have equal ampacity.

Section 17: Service Equipment--Disconnecting Means. NEC Article 230 is amended by the deletion of Section 230-70 and the substitution therefor of a new Section 230-70 which shall read as follows:

230-70 General. Means shall be provided to disconnect all conductors in a building or other structure. A shunt trip device shall be acceptable as a main electrical disconnect for a building or other structure.

(a) Location. Except as otherwise provided in Subsection (c) of this Section, all conductors supplying power to any building (other than an accessory building to a single family dwelling) shall have a disconnecting means located on the exterior of the building. When a shunt trip is approved for the main electrical disconnect the service entrance conductors shall terminate in a switchboard or service panel with an overcurrent device. The service entrance conductors shall remain outside the building or structure using the methods listed in Section 230-6.

(b) Marking. Each service disconnecting means shall be permanently marked with 1 inch (25.4 mm) high with a 1/4 inch (6.35 mm) stroke raised letters or numbers indicating the address or unit it serves and be identified as the disconnecting means.

Exception: Single Family Dwellings.

(c) Shunt Trip Devices.

(1) Location. The shunt trip may be located in a central control station in a high rise building, mall or atrium when approved by the fire department.

(2) Supply. The branch circuit supplying power for the shunt trip device shall be connected to the supply side of the main service disconnecting means and be a minimum conductor size of No. 12 AWG copper.

(3) Marking. Where a shunt trip station is installed outside the building or structure served, the station shall be a 1 foot (0.093 sq m) square, colored yellow and have black lettering 1 inch (25.4 mm) high with a 1/4 inch (6.35 mm) stroke describing it as the "Main Electrical Disconnect" in accordance with Building Department requirements.

(4) Enclosure. The shunt trip device shall be located inside an approved metal enclosure and shall have a hinged cover that can be locked from the exterior by means of an exposed shaft-type locking device. The shaft of the locking device shall be no larger than 5/16 inch (7.94 mm) in diameter.

(5) Type. The shunt trip device shall be of a momentary contact type switch.

(d) Suitable For Use. Each service disconnecting means shall be suitable for the prevailing conditions. Service equipment installed in hazardous (classified) locations shall comply with the requirements of Articles 500 through 517.

Section 18: Adjustable Trip Circuit Breakers. NEC Section 240-6(b) is amended by the deletion of the exception thereto.

Section 19: Not in Vicinity of Easily Ignitable Material. NEC Section 240-24(d) is amended by the deletion of the word "clothes" in Subsection 240-24(d).

Section 20: Equipment Grounding. NEC Article 250 is amended by the addition of a new section, designated as Section 250-47, which shall read as follows:

250-47 Equipment Grounding Conductor. All nonmetallic and flexible raceway, cable systems and all conduits installed on roofs of a slope less than 4 inches per 12 inches shall contain an equipment grounding conductor sized per Table 250-95 and installed with the circuit conductors.

Exception No. 1: Systems which are used with low voltage and communication type system unless required elsewhere in the code.

Exception No. 2: As permitted by Section 250-33 for short sections of metal enclosures.

Section 21: Grounding Electrode System. NEC Section 250-81 is amended by the addition of a new paragraph after the first paragraph which shall read as follows:

The concrete-encased electrode described in 250-81(c) shall be the main grounding electrode for all new buildings and structures that are supplied by electrical power. Electrical services installed for existing buildings or structures shall have or install a grounding electrode listed in 250-81 or 250-83, as amended by this Supplemental Document.

Section 22: Made and Other Electrodes. NEC Section 250-83 is amended by the deletion of Subsections (c) and (d) thereof and the substitution therefor of new Subsections (c) and (d) which shall read as follows:

(c) Rod Electrodes. Rod electrodes shall not be less than 8 feet (2.44 m) in length and shall consist of the following materials and installed in the following manner:

1. Electrodes shall be stainless steel rods not less than 5/8 inch in diameter, or listed non-ferrous rods or their equivalent not less than 1/2 inch in diameter.

2. The electrode shall be installed such that at least 8 feet (2.44 m) of length is in contact with the soil. It shall be driven to a depth of not less than 8 feet (2.44) except that where rock bottom is encountered, the electrode shall be driven at an oblique angle not to exceed 45 degrees from vertical or shall be buried in a trench that is at least 2 1/2 feet (762 mm) deep. The upper end of the electrode shall be flush with or below ground level unless the above ground end and the grounding electrode conductor attachments are protected against physical damage as specified in Section 250-117.

(d) Plate Electrode. Each plate electrode shall expose not less than 2 square feet (0.186 sq m) of surface to exterior soil and shall be of a non-ferrous metal not less than 0.06 inch (1.52 mm) in thickness.

Section 23: Wiring Methods. NEC Section 300-1 is amended by the addition of a new subsection, designated as Subsection 300-1(c), which shall read as follows:

(c) Wiring of Buildings.

1. Wiring installed in the construction of buildings and structures shall be contained in a conduit or raceway system.

Exception No. 1.: MI cable and MC cable.

Exception No. 2: Special alarm sensing cable.

Exception No. 3: Where NM or NMC cable is permitted by this code.

Exception No. 4: Low voltage wiring when run exposed on walls and ceilings.

Exception No. 5: Any listed undercarpet system.

Exception No. 6: Per Article 645.

2. Raceway systems for buildings and structures of Type I or II FR construction as defined in the Uniform Building Code shall be of metallic non-combustible materials.

Exception No. 1: Non-metallic raceway encased in concrete, masonry or solid grouted building components which are in compliance with the Building Code.

Exception No. 2: Non-metallic raceway enclosed in a one (1) hour rated assembly as defined in the Uniform Building Code.

Exception No. 3: Liquid-tight flexible conduit in lengths of 6 feet (1.83 m) or less which comply with NEC Section 351.

Section 24: Protection Against Corrosion. NEC Section 300-6 is amended by the addition of a new paragraph at the end of Subsection 300-6(b) to read as follows:

Galvanized metal conduit (rigid or intermediate) or rigid non-metallic conduit shall be required in slab-on-grade or underground. Rigid metal or intermediate metal conduit when used in slab-on-grade or underground shall have an approved extruded PVC or equivalent covering for protection.

Section 25: Minimum Size of Conductors. NEC Section 310-5 is amended by the addition of a new subsection, designated as Subsection (a), which shall read as follows:

(a) Aluminum and Copper Clad Aluminum. Notwithstanding anything in Table 310-5 to the contrary, aluminum and copper clad aluminum conductors smaller than No. 6 AWG shall not be used.

Section 26: Uses Permitted. NEC Section 336.3 is amended by the deletion of the first paragraph of Section 336-3 and addition of a new first paragraph which shall read as follows:

336-3 Uses Permitted. Type NM and NMC cables shall be permitted to be used:

- (1) In one-and two-family dwellings and multifamily dwellings.
- (2) In conversions from single family dwellings located in the City's P-R Zoning District to structures of B-2 occupancy as defined in the Building Code, type NM and NMC cables may remain where the equipment grounding conductors are provided in sizes that are in compliance with Table 250-95 and are installed in accordance with this Code, or when the conductors meet the requirements of the Exception to Section 210-7(d).

- (3) In attached laundry rooms accessory to multifamily dwellings.

Section 27: Uses Not Permitted. NEC Section 347-3 is amended by the addition of a new subsection, designated as Subsection (g), which shall read as follows:

(g) Exposed to Sunlight. Where subject to direct sunlight unless identified for such use.

Section 28: Use. NEC Section 348-1 is amended by the addition of Items (6), (7), and (8) to the second sentence of the first paragraph of Section 348-1 which shall read as follows:

(6) in slabs in contact with earth; (7) underground; or (8) in earth fills.

Section 29: Use. NEC Section 348-1 is amended by deleting from the second sentence of the first paragraph thereof, before Item (5), the word "or"; and by deleting the entire second paragraph of Section 348-1.

Section 30: Conduit Bodies, Junction, Pull, and Outlet Boxes to Be Accessible. NEC Section 370-29 is amended by the addition of a new paragraph (with exceptions) following the existing exception to Section 370-29, which new paragraph and exceptions shall read as follows:

No outlet, device, pull or junction box when used with a surface extension box, ring or plaster ring installed shall have an internal depth greater than the largest dimension of the accessible opening.

Exception No. 1: Boxes with an accessible opening of 30 inches (762 mm) or greater in any dimension.

Exception No. 2: Listed units or assemblies.

Section 31: Number of Overcurrent Devices on One Panelboard. NEC Section 384-15 is amended by the addition of a new paragraph after the third paragraph which shall read as follows:

Each panelboard or load center installed in a new one and two family dwelling shall have a capacity for a minimum of 2 additional full size single pole overcurrent devices for expansion.

Section 32: Flexible Cords. NEC Section 422-8(d) is amended by the addition of a new subsection, designated as Paragraph (4), which shall read as follows:

4. Electrically operated kitchen exhaust fans intended for dwelling use shall be permitted to be cord-and-plug connected with a flexible cord identified for the purpose, terminated with a grounding-type attachment plug where all the following conditions are met:

- (a) The receptacle shall be located in the adjacent space directly above the fan.
- (b) The receptacle shall be located to avoid physical damage to the flexible cord.
- (c) The receptacle shall be accessible.
- (d) The receptacle shall be supplied by an individual 20 ampere branch circuit.

Section 33: Circuit Disconnects. NEC Section 514-5 is amended by the deletion of Subsections (b) and (c) thereof and the substitution therefor of a new Subsection (b) which shall read as follows:

(b) Emergency Pump Shutoff.

1. Location. The location of the manually operated pump master switch shall be approved by the Fire Department and within 75 feet (22.88 m) of, but not nearer than 15 feet (4.58 m) to, any dispenser. Where such master switch is not visible from all dispensers, the location thereof shall be indicated by approved signs.

2. Marking. The disconnect station shall be a 1 foot square (0.093 sq m), colored yellow and have black lettering 1 inch (25.4mm) high with a 1/4 inch (6.35 mm) stroke describing it as the "Emergency Pump Shutoff" in accordance with Building Department requirements.

3. Type. The switching device shall be of a momentary contact type switch.

Section 34: Distribution System. NEC Section 550-21 is amended by the addition of a new paragraph after the first paragraph which shall read as follows:

Electrical service to all mobile home parks and to all lots (sites, spaces, etc.) in mobile home parks shall be provided by the franchised serving utility unless approved otherwise by the Building Official or his designated representative.

Section 35: Disconnect Required. NEC Section 600-2(a) is amended by the deletion of Exception No. 2.

Section 36: Listing Required. NEC Section 600-4 is amended by the addition of a new exception to Section 600-4 which shall read as follows:

Exception: Signs that have been inspected and approved by the Building Department prior to installation.

Section 37: Marking. NEC Section 600-7 is amended by the deletion of Subsection (a) and the substitution therefor of a new Subsection (a) which shall read as follows:

600-7(a) Signs. Each sign hereafter erected or altered, shall, from the effective date of this Code, have a label (or stencil) stating the firm(s), corporation(s) or person(s) responsible for its construction/erection; and, for incandescent lamp signs, with the number of lampholders; and, for electric-discharge-lamp signs, with input amperes at full load, input voltage and the permit number as issued by the Building Official. An identical label shall be placed on each sign if more than one sign has been approved by means of a single permit; however, a double-faced sign shall not require two labels. The permittee shall be responsible for providing and attaching said label prior to final inspection. The label shall be placed next to the disconnect or at another approved location.

Section 38: Electric Signs and Outline Lighting. NEC Article 600 is amended by the addition of a new section, designated as Section 600-12, which shall read as follows:

600-12. Protection. All electrical wiring and neon tubing shall be totally enclosed within an approved material or barrier to prevent physical contact up to a height of 8 feet (2.44 m) above finished grade or floor level.

Section 39: Receptacles. NEC Section 600-34 is amended by the deletion of Subsection (c) and the substitution therefor of a new Subsection (c) which shall read as follows:

(c) Receptacles. Every electric discharge tubing (neon) shall terminate in listed receptacles, such as PK's; in approved glass assemblies; or in other approved noncombustible, nonabsorbent insulating material; and where exposed to weather, shall be sealed with an approved weatherproof bushing or cap.

Section 40: Bushings. NEC Subsection 600-34(d) is amended by the addition, at the end thereof, of a new sentence which shall read as follows:

A bushing shall be required in lieu of a listed receptacle at the end of a conduit or electric metallic tubing where the raceway terminates.

Section 41: Terminals and Electrode Receptacles for Electric-Discharge Tubing. NEC Section 600-34 is amended by the addition of a new subsection, designated as Subsection (j), which shall read as follows:

(j) Conductors. Every transformer secondary conductor between segments of electric discharge tubing shall be insulated for the voltage of the circuit and shall be enclosed in grounded metal raceway or continuous glass tubing to the terminals of the electric discharge tubing (neon).

Section 42: Transfer Equipment. NEC Section 700-6 is amended by the addition of a new paragraph after the second paragraph which shall read as follows:

The Transfer Equipment shall be located in a service room solely dedicated to the emergency power supply system. An interior service room shall be completely separated from the remainder of the building(s) by a two-hour fire-resistive occupancy separation.

Exception No. 1: Transfer Equipment located a minimum of five feet from the building(s) shall be enclosed within an approved enclosure.

Exception No. 2: Transfer Equipment located a minimum of twenty feet from the building(s) shall be within an approved enclosure.

Section 43: Identification. NEC Subsection 700-9(a) is amended by the addition, at the end thereof, of a new sentence which shall read as follows:

The marking shall be done in raised red letters, 2 inches (50.8 mm) high and 1/4 inch (6.35 mm) stroke.

Section 44: Wiring, Emergency System. NEC Section 700-9 is amended by the addition of a new section, designated as Section 700-9(c), which shall read as follows:

700-9(c) Conductors rated as suitable for use and U.L. listed as one hour fire rated minimum shall be used as the emergency circuit wiring at the following locations:

- a) Emergency system wiring to the overcurrent device protecting the branch circuits, including generator control wiring.
- b) Feeder wiring to fire alarm master panel and voice control and communication panels.
- c) Feeder wiring to elevator.
- d) Control wiring of mechanical smoke removal system.
- e) Control wiring of stair pressurization fans.

EXCEPTION: Standard wiring methods may be used when the conductors and raceway are one of the following:

- i) Placed solely and entirely within a one-hour fire resistive conductor enclosure. Conductor enclosures shall be constructed as the Building Code requires for shaft enclosures, including opening and penetration protection requirements.*
- ii) Placed solely and entirely within the cavity of an approved fire-resistive assembly rated at two-hours or greater.*
- iii) Placed and sealed within a solid fire-resistive assembly rated at two-hours or greater.*
- iv) Placed underground.*

Section 45: Emergency Systems. NEC Article 700 is amended by the addition of a new section to Part C, designated as Section 700-11, which shall read as follows:

700-11. Elevators. An emergency generator shall be required for all elevators when required by the Building Code or ANSI A17.1.

Section 46: Generator Set. NEC Subsection 700-12(b) is amended by the addition of a new Paragraph, designated as Paragraph (6), which shall read as follows:

(6) A generator set shall be located in a service room solely dedicated to the emergency power supply system. An interior service room shall be completely separated from the remainder of the building(s) by a two-hour fire-resistive occupancy separation.

Exception No. 1: A generator set located a minimum of five feet from the building(s) shall be enclosed within an approved structure of one-hour fire-resistive construction.

Exception No. 2: A generator set located a minimum of twenty feet from the building(s) shall be enclosed within an approved enclosure.

Section 47: Emergency Systems. NEC Article 700 is amended by the addition of a new section, designated as Section 700-13, which shall read as follows:

700-13. Location of Generators. Emergency generators shall not be located more than 55 feet (16.76 m) above the lowest level of fire department vehicle access.

Section 48: Emergency Illumination. NEC Section 700-16 is amended by the addition of a new sentence at the end of the first paragraph thereof which shall read as follows:

Emergency lighting shall be provided in electrical rooms, fire control rooms, PBX rooms and generator rooms.

Section 49: Transfer Equipment. NEC Section 701-7 is amended by the addition of a new paragraph at the end thereof which shall read as follows:

Transfer equipment shall be located in a service room solely dedicated to the emergency power supply system. An interior service room shall be completely separated from the remainder of the building(s) by a two-hour fire-resistive occupancy separation.

Exception No. 1: Transfer equipment located a minimum of five feet from the building(s) shall be enclosed within an approved structure of one-hour fire-resistive construction.

Exception No. 2: Transfer equipment located a minimum of twenty feet from the building(s) shall be enclosed within an approved enclosure.

Section 50: Wiring Legally Required Standby Systems. NEC Section 701-10 is amended by the addition of a new paragraph at the end thereof which shall read as follows:

Conductors rated as suitable for use and U.L. listed as one hour fire rated minimum shall be used as the standby circuit wiring at the following locations:

a) Standby system wiring to the overcurrent device protecting the branch circuits, including generator control wiring.

- b) Feeder wiring to fire alarm master panel and voice control and communications panels.
- c) Feeder wiring to elevator.
- d) Control wiring of mechanical smoke removal system.
- e) Control wiring of stair pressurization fans.

EXCEPTION: Standard wiring methods may be used when the conductors and raceway are one of the following:

i) Placed solely and entirely within a one-hour fire-resistive conductor enclosure. Conductor enclosures shall be constructed as the Building Code requires for shaft enclosures, including opening and penetration protection requirements.

ii) Placed solely and entirely within the cavity of an approved fire-resistive assembly rated at two-hours or greater.

iii) Placed and sealed within a solid fire-resistive assembly rated at two-hours or greater.

iv) Placed underground.

Section 51: Emergency Illumination. NEC Section 701-11 is amended by the addition of a new paragraph following the third paragraph and the accompanying FPN, which new paragraph shall read as follows:

Emergency lighting shall be provided in electrical rooms, fire control rooms, PBX rooms and generator rooms.

Section 52: Generator Set. NEC Subsection 701-11(b) is amended by the addition of a new Paragraph, designated as Paragraph (5), which shall read as follows:

(5) The generator set shall be located in a service room solely dedicated to the emergency power supply system. An interior service room shall be completely separated from the remainder of the building(s) by a two-hour fire-resistive occupancy separation.

Exception No. 1: A generator set located a minimum of five feet from the building(s) shall be enclosed within an approved structure of one-hour fire-resistive construction.

Exception No. 2: A generator set located a minimum of twenty feet from the building(s) shall be enclosed within an approved enclosure.

Section 53: Sources of Power. NEC Article 701 is amended by the addition of a new section, designated as Section 701-12, which shall read as follows:

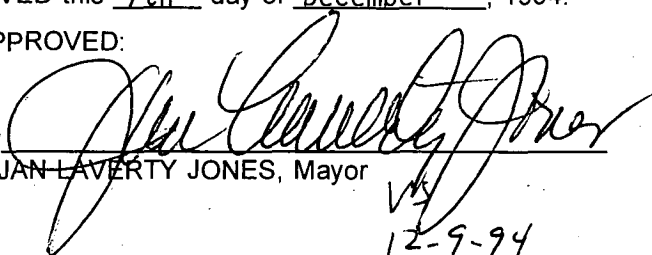
701-12. Location of Generators. Emergency generators shall not be located more than 55 feet (16.76 m) above the lowest level of fire department vehicle access.

Section 54: Violation and Penalties. It shall be unlawful for any person, firm or corporation to erect, install, alter, repair, relocate, add to, replace, use, or maintain electrical installation or electrical fixtures in this jurisdiction, or cause the same to be done, contrary to or in violation of any of the provisions of this Code, as amended. Maintenance of an electrical installation or electrical fixtures which was unlawful at the time it was installed and which would be unlawful under this Code if installed after the effective date of this Code or any amendment thereto, shall constitute a continuing violation of this Code.

PASSED, ADOPTED and APPROVED this 7th day of December, 1994.

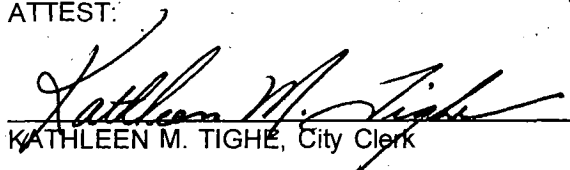
APPROVED:

By


JAN LAVERTY JONES, Mayor

✓
12-9-94

ATTEST:


KATHLEEN M. TIGHE, City Clerk

AFFIDAVIT OF PUBLICATION

Dec 19 10 55 AM '94

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BILL NO. 94-88
ORDINANCE NO. 3854

AN ORDINANCE RELATING TO THE ADOPTION OF AN ELECTRICAL CODE; AMENDING TITLE 16, CHAPTER 12, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1993 EDITION OF THE NATIONAL ELECTRICAL CODE AS PART 1 OF SAID CHAPTER, BY REPLACING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE IN THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE WITH A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE NATIONAL ELECTRICAL CODE, 1993 EDITION," ADOPTED AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE NATIONAL ELECTRICAL CODE, 1993 EDITION, PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATIONS HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HERewith.

SPONSORED BY:
Mayor Jan Laverly Jones

SUMMARY: Adopts the 1993 Edition of the National Electrical Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Electrical Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 2nd day of November, 1994, and referred to the following committee composed of Mayor Jones and Councilman Higginson, for recommendation; thereafter the said committee reported favorably on said ordinance on the 7th day of December, 1994, which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:

VOTING "AYE" Councilmen Adamson, Higginson, Hawkins Jr., Brass and Mayor Jones

VOTING "NAY" NONE

VOTING "ABSTAIN" NONE

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: December 10, 1994
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

BARBARA CARR, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of DECEMBER 10, 1994 to DECEMBER 10, 1994, on the following days:

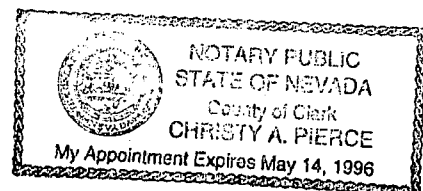
DECEMBER 10, 1994

Signed

Subscribed and sworn to before me this

12 day of December, 19 94

Christy A Pierce
Notary Public



RECEIVED
CITY CLERK

Nov 18 3 52 PM '94

AFFIDAVIT OF PUBLICATION

PAS

BILL NO. 94-88

HERE

AN ORDINANCE RELATING TO THE ADOPTION OF AN ELECTRICAL CODE; AMENDING TITLE 16, CHAPTER 12, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1993 EDITION, BY DELETING ALL REFERENCES TO THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1993 EDITION OF THE NATIONAL ELECTRICAL CODE AS PART 1 OF SAID CHAPTER, BY REPLACING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE IN THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE WITH A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE NATIONAL ELECTRICAL CODE, 1993 EDITION," ADOPTED AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE NATIONAL ELECTRICAL CODE, 1993 EDITION, PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATIONS HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:

Mayor Jan Laverly Jones
SUMMARY: Adopts the 1993 Edition of the National Electrical Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Electrical Code.
At a City Council meeting
NOVEMBER 2, 1994
BILL NO. 94-88 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE:
Councilman Higginson and Mayor Jones
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: November 17, 1994
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK)

SS:

BARBARA CARR, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 17, 1994 to NOVEMBER 17, 1994, on the following days:

NOVEMBER 17, 1994

Signed:

Subscribed and sworn to before me this 17 day of NOV, 19 94

Peggy J. Barron

Notary Public



PEGGY D. BARRON
Notary Public - Nevada
Clark County
My appt. exp. Feb. 17, 1998

AFFIDAVIT OF PUBLICATION

Dec 19 10 55 AM '94

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BILL NO 94-88
ORDINANCE NO. 3854

AN ORDINANCE RELATING TO THE ADOPTION OF AN ELECTRICAL CODE; AMENDING TITLE 16, CHAPTER 17, SECTION 16.06 OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1993 EDITION OF THE NATIONAL ELECTRICAL CODE AS PART 1 OF SAID CHAPTER, BY REPLACING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE IN THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE WITH A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE NATIONAL ELECTRICAL CODE, 1993 EDITION," ADOPTED AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE

NATIONAL ELECTRICAL CODE, 1993 EDITION, PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATIONS HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HERewith.

SPONSORED BY:

Mayor Jan Laverly Jones
SUMMARY: Adopts the 1993 Edition of the National Electrical Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto as the City's Electrical Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 2nd day of November, 1994, and referred to the following committee composed of Mayor Jones and Councilman Higginson, for recommendation; thereafter the said committee reported favorably on said ordinance on the 7th day of December, 1994, which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:

VOTING "AYE" Councilmen Adamson, Higginson, Hawkins Jr., Brass and Mayor Jones

VOTING "NAY" NONE

VOTING "ABSTAIN" NONE

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: December 10, 1994
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK)

SS:

BARBARA CARR, being first duly sworn, deposes and says:

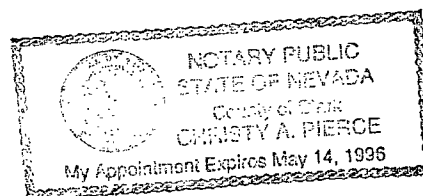
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of DECEMBER 10, 1994 to DECEMBER 10, 1994, on the following days:

DECEMBER 10, 1994

Signed

Subscribed and sworn to before me this 12 day of December, 19 94

Christy A. Pierce
Notary Public



CITY CLERK

Nov 18 3 52 PM '94

AFFIDAVIT OF PUBLICATION

PAS

BILL NO. 94-88

HERE

AN ORDINANCE RELATING TO THE ADOPTION OF AN ELECTRICAL CODE; AMENDING TITLE 16, CHAPTER 12, SECTION 16, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1993 EDITION, BY DELETING ALL REFERENCES TO THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1993 EDITION OF THE NATIONAL ELECTRICAL CODE AS PART 1 OF SAID CHAPTER, BY REPLACING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE IN THE 1990 EDITION OF THE NATIONAL ELECTRICAL CODE WITH A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE NATIONAL ELECTRICAL CODE, 1993 EDITION," ADOPTED AS PART 2 OF SAID CHAPTER, WHICH ADDS, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE NATIONAL ELECTRICAL CODE, 1993 EDITION, PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATIONS HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:

Mayor Jan Loverty Jones

SUMMARY: Adopts the 1993 Edition of the National Electrical Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Electrical Code.

At a City Council meeting

NOVEMBER 2, 1994

BILL NO. 94-88 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE:

Councilman Higginson and

Mayor Jones

COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: November 17, 1994
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

BARBARA CARR, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 17, 1994 to NOVEMBER 17, 1994, on the following days:

NOVEMBER 17, 1994

Signed:

Subscribed and sworn to before me this

17 day of NOV, 19 94

Reggy J. Barron

Notary Public

Clark County

My appl. exp. Feb. 17, 1993

