

1 Bill No. 92-56

2 Ordinance No. 3677

3 AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING  
4 TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE  
5 CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL  
6 REFERENCES TO THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE  
7 UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND  
8 ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITIONS OF THE  
9 UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART I  
10 OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING  
11 SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY  
12 REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A  
13 NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT  
14 AMENDING THE UNIFORM FIRE CODE, 1991 EDITION" AS PART II OF SAID  
15 CHAPTER, WHICH ADDS TO AND AMENDS AND DELETES VARIOUS PROVISIONS  
16 OF THE UNIFORM FIRE CODE, 1991 EDITION; PROVIDING OTHER MATTERS  
17 PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION  
18 HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN  
19 CONFLICT HEREWITH.

12 Sponsored by:  
13 Councilman Bob Nolen

Summary: Adopts the 1991 Edition  
of the Uniform Fire Code, together  
with a supplemental document pro-  
viding amendments thereof, deletions  
therefrom and additions thereto, as  
the City's Fire Code.

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

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

21 16.16.010: Those certain documents, three copies of which are on  
22 file in the office of the City Clerk, [and] that are  
23 marked and designated as follows[, ] are adopted by  
24 reference as the Fire Code of the City:

25 (A) As Part I of this Chapter, the Uniform Fire Code,  
26 [1988] 1991 Edition, and the Uniform Fire Code  
27 Standards, [1988] 1991 Edition;

28 (B) As Part II of this Chapter, a supplemental docu-  
29 ment, supplementing, amending, modifying, adding to  
30 and deleting from the Uniform Fire Code, [1988]  
31 1991 Edition.

32 SECTION 2: If any section, subsection, subdivision,

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

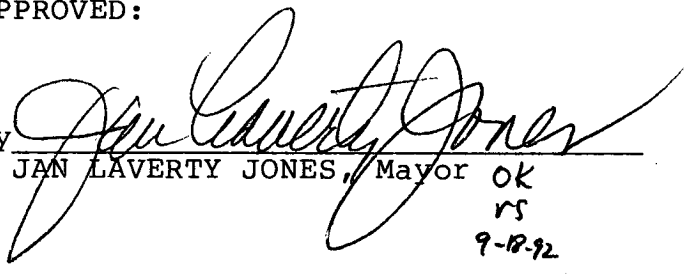
12 SECTION 3: Whenever in this ordinance any act is prohi-  
13 bited or is made or declared to be unlawful or an offense or a  
14 misdemeanor, or whenever in this ordinance the doing of any act  
15 is required or the failure to do any act is made or declared to  
16 be unlawful or an offense or a misdemeanor, the doing of such  
17 prohibited act or the failure to do any such required act shall  
18 constitute a misdemeanor and upon conviction thereof, shall be  
19 punished by a fine of not more than \$1,000.00 or by imprisonment  
20 for a term of not more than six months, or by any combination of  
21 such fine and imprisonment. Any day of any violation of this  
22 ordinance shall constitute a separate offense.

23 SECTION 4: All ordinances or parts of ordinances, sec-  
24 tions, subsections, phrases, sentences, clauses or paragraphs  
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1 contained in the Municipal Code of the City of Las Vegas, Nevada,  
2 1983 Edition, in conflict herewith are hereby repealed.

3 PASSED, ADOPTED and APPROVED this 16th day of  
4 September, 1992.

5 APPROVED:

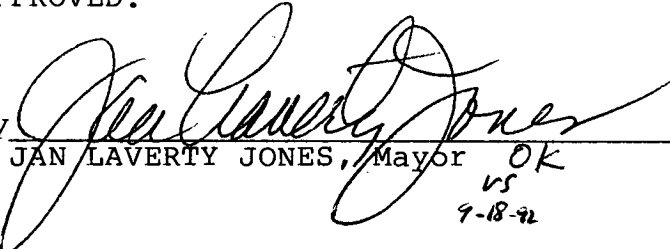
6  
7 By   
8 JAN LAVERTY JONES, Mayor OK  
9 rs  
10 9-18-92


11 ATTEST:

12   
13 KATHLEEN M. TIGHE, City Clerk  
14 BY: SANDRA R. LeBOEUF, Chief Deputy City Clerk  
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1 The above and foregoing ordinance was first proposed and read by  
2 title to the City Council on the 2nd day of September, 1992,  
3 and referred to the following committee composed of Councilmen  
4 Nolen and Adamsen for recommen-  
5 dation; thereafter the said committee reported favorably on said  
6 ordinance on the 16th day of September, 1992, which was a  
7 regular meeting of said Council; that at said  
8 regular meeting, the proposed ordinance was read by  
9 title to the City Council as first introduced and adopted by the  
10 following vote:

11 VOTING "AYE": Councilmen, Nolen, Adamsen and Higginson  
12 VOTING "NAY": NONE  
13 ABSENT: Councilman Hawkins Jr. and Mayor Jones

15 APPROVED:  
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17 By   
18 JAN LAVERTY JONES, Mayor <sup>OK</sup>  
<sub>vs</sub>  
<sub>9-18-92</sub>

19 ATTEST:  
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21   
22 KATHLEEN M. TIGHE, City Clerk  
23 BY: SANDRA R. LeBOEUF, Chief Deputy City Clerk

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A SUPPLEMENTAL DOCUMENT AMENDING THE  
UNIFORM FIRE CODE, 1991 EDITION

Certain parts, articles, divisions, sections and subsections of the 1991 Edition of the Uniform Fire Code are hereby supplemented, modified, amended and deleted as is provided for in this Supplemental Document. If a conflict exists between any provision of this Supplemental Document and any provision of the Uniform Fire Code, 1991 Edition, or the Uniform Building Code, 1991 Edition, the provisions of this Supplemental Document shall prevail.

NEVADA STATE FIRE MARSHAL'S REGULATIONS

The Fire Prevention Division in the Fire Services Department (fire department) of the City of Las Vegas, which is established under the supervision of the chief of the fire department, may enforce the regulations adopted by the state fire marshal. Any person violating any of the provisions of the state fire marshal's regulations is guilty of a misdemeanor and, upon conviction thereof, shall be punished by a fine of not more than \$1,000, or by imprisonment in the city jail for a term of not more than six months, or by any combination of such fine and imprisonment. Every day of any violation of the state fire marshal's regulations constitutes a separate offense.

APPENDICES ADOPTED

There is hereby specifically adopted, as part of this code, the following appendices to the Uniform Fire Code, 1991 Edition: Division I, I-C Stairway Identification; Division II, II-A, Suppression and Control of Hazardous Fire Areas; II-B Protection of Flammable and Combustible Liquids in Tanks in Locations Subject to Flooding; II-C, Marinas, II-D, Rifle Ranges; II-E, Management Plans and Hazardous Materials Inventory Statements, II-F, Aboveground Storage Tanks for Motor Vehicles Fuel-dispensing Stations; Division III; III-A, Fire-flow

Requirements for Buildings; III-B, Fire Hydrant Locations and Distribution; III-C, Testing Automatic Sprinkler and Standpipe Systems; Division IV, IV-A, Interior Floor Finish; IV-B, Christmas Trees; Divisions V, V-A, Nationally Recognized Standards of Good Practice; Division VI, VI-A, Hazardous Materials Classifications; VI-B, Emergency Relief Venting of Fire Exposure for Aboveground Tanks; VI-D, Reference Tables from the Uniform Building Code; and VI-E, Recommended Separation Distances for Explosive Materials.

PART I

ADMINISTRATIVE

ARTICLE 2. ORGANIZATION, AUTHORITY, DUTIES AND PROCEDURES

DIVISION II

Section 2.203, second paragraph, is revised to read as follows:

The chief is authorized to investigate the cause, origin and circumstances of unauthorized releases, spills or abandonment of hazardous materials.

Section 2.204, subsection (b), is deleted.

DIVISION III

Section 2.303 is deleted.

Section 2.304 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) NFPA Standards. The National Fire Protection Association (NFPA) Standards referenced in this code are those standards contained in the NFPA Code and Standards, 1991 Edition, published by the NFPA, as listed below. The NFPA Standards referenced in this section are hereby declared to be part of this code as if set forth in full herein.

NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS

NFPA No. 12A; Halon 1301 Fire Extinguishing Systems, 1989 Edition.

NFPA No. 12B; Halon 1211 Fire Extinguishing Systems, 1990 Edition.

NFPA No. 13; Installation of Sprinkler Systems, 1991 Edition.

NFPA No. 13D; Installation of Sprinkler Systems in One- and Two-Family Dwellings and Mobile Homes, 1991 Edition.

NFPA No. 13R; Sprinkler Systems, Residential Occupancies, up to Four Stories in Height, 1989 Edition.

NFPA No. 14; Standpipe and Hose Systems, 1990 Edition.

NFPA No. 15; Water Spray Fixed Systems, 1990 Edition.

NFPA No. 16; Foam-Water Sprinkler and Spray Systems, 1991 Edition.

NFPA No. 17; Dry Chemical Extinguishing Systems, 1990 Edition.

NFPA No. 17A; Wet Chemical Extinguishing Systems, 1990 Edition.

NFPA No. 20; Centrifugal Fire Pumps, 1990 Edition.

NFPA No. 24; Private Fire Service Mains and their Appurtenances, 1987 Edition.

NFPA No. 52; Compressed Natural Gas - Vehicular Fuel Systems, 1988 Edition.

NFPA No. 71; Signaling Systems, Central Station Service, 1989 Edition.

NFPA No. 72; Protective Signaling Systems, 1990 Edition.

NFPA No. 72G; Notification Appliances for Protective Signaling Systems, 1989 Edition.

NFPA No. 72E; Automatic Fire Detectors, 1990 Edition.

NFPA No. 96; Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment, 1991 Edition.

NFPA No. 231; Storage, General, 1990 Edition.

NFPA No. 231C; Rack Storage of Materials, 1991 Edition.

NFPA No. 231D; Storage of Rubber Tires, 1989 Edition.

NFPA No. 231F; Storage of Rolled Paper, 1987 Edition.

NFPA No. 232; Records, Protection of, 1991 Edition.

#### ARTICLE 4. PERMITS

Section 4.106 is amended by adding thereto a second paragraph reading as follows:

Requirements for permits from other agencies or departments shall not waive the requirements for permits required by this code. Where a permit is required by other agencies or departments, such permit shall be obtained prior to or simultaneous with the issuance of a permit required by this code.

Section 4.108, subsection 1.3, is revised to read as follows:

1.3 Lumber yards. To store lumber in excess of 100,000 board feet or to store more than 50 cords of firewood. See Article 30.

#### PART II

#### DEFINITIONS AND ABBREVIATIONS

#### ARTICLE 9. DEFINITIONS AND ABBREVIATIONS

Section 9.108 is amended by adding thereto a definition of "Fire Lanes" reading as follows:

Fire Lanes are Fire Apparatus Access Roads, per Uniform Fire Code, Article 10, Division II, which are designated by the fire department as those areas located on public or private property which are required to be marked per Section 10.207.

Section 9.108 is amended by adding thereto a definition of "Firewood Sales and Storage Yard" reading as follows:

Firewood Sales and Storage Yard is any lot used for the sale and/or storage of firewood.

Section 9.110 is amended by adding thereto a definition of "High-Piled Combustible Storage" reading as follows:

High-Piled Combustible Storage is combustible materials in closely packed piles more than 12 feet in height or combustible materials on pallets or in racks more than 12 feet in height. For special-hazard commodities such as rubber tires, plastics, flammable liquids, idle pallets, etc., the critical pile height may not be more than six feet.

Section 9.115 is amended by adding thereto a definition of "Ministorage Warehouse" reading as follows:

Ministorage Warehouse is a Group B, Division 2, occupancy partitioned into areas which are rented or leased by individuals or companies to store personal or business items.

Section 9.122 is amended by adding thereto a definition of "Tunnel" reading as follows:

Tunnel is any thoroughfare, public way, walkway or mechanical/electrical service conduit of such dimensions that permit human occupancy for the purpose of service or repair, or conveyance of goods and persons and which is constructed below grade and cannot be classified as the basement or first story of a building.

### PART III

#### GENERAL PROVISIONS FOR FIRE SAFETY

##### ARTICLE 10. FIRE PROTECTION

###### DIVISION I

Article 10, Division I, is amended by adding thereto a section, designated as Section 10.108, reading as follows:

###### PHONES IN TUNNELS

Section 10.108. Tunnels in excess of 300 feet shall be provided with, at intervals of 300 feet, telephones with a direct line to a constantly attended location.

Article 10, Division I, is amended by adding thereto a section, designated as Section 10.109, reading as follows:

DISTRICT MAPS

Section 10.109. Developers of complexes such as subdivisions, apartments and condominiums shall provide to the fire department district maps for emergency dispatch purposes meeting the specifications of the rules and regulations of the fire department.

DIVISION II

Section 10.204 is amended by revising sections (a) and (c) to read as follows:

(a) Dimensions. All fire apparatus access roads shall be not less than 20 feet wide provided no parking is allowed, not less than 28 feet wide if parallel parking is allowed on one side, and not less than 36 feet wide if parallel parking is allowed on both sides. Vertical clearance shall be not less than 13 feet, 6 inches.

(c) Turning Radius. The turning radius for any fire apparatus access road and/or fire lane, public or private, shall be not less than 45 feet outside radius and 22 feet inside turning radius.

Section 10.206 is amended by adding thereto a second paragraph reading as follows:

Where 20 feet is provided for fire apparatus access roads, curbs on both sides of the roads shall be painted with an exterior grade of red enamel paint. Where 28 feet is provided, curbs on the side of the road where parking is prohibited shall be painted red. Where no curb exists, paint shall be applied to the road surface.

Article 10, Division II, is amended by adding thereto a section, designated as Section 10.207, reading as follows:

FIRE LANES

Section 10.207. Fire lanes within the jurisdictional authority shall be designated by the chief. Refer to written

specifications.

Article 10, Division II, is amended by adding thereto a section, designated as Section 10.208, reading as follows:

ACCESS GATES

Section 10.208. Fire apparatus access roads which are secured by gates shall comply with the specifications of the fire department. Electrically controlled gates shall be provided with an approved vehicle detector/receiver system in accordance with rules and regulations specified by the fire department. Gates shall be capable of being manually openable or be provided with battery back-up in the event of power failure which shall cause the gates to remain in the open position until power is restored. Access gate systems shall be maintained operational at all times. Repairs shall be made in accordance with manufacturer's original specifications.

All existing facilities with electrically controlled gates installed across access roads shall comply with this requirement within twenty-four months after the effective date of the adoption of this code or such gates shall be secured in the open position in a manner approved by the fire department.

If practical difficulties are encountered through the modification of existing equipment, the owner or his authorized agent may submit in writing to the chief, the specific difficulty encountered and an alternate proposal that will meet the spirit of the code. The chief's decision will be final.

The installing contractor shall provide the fire department two transmitters, without cost to the fire department.

DIVISION III

Section 10.301 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) Directory Required. When required by the chief, management personnel of all complexes shall display an approved permanent directory.

#### DIVISION IV

Section 10.401 is amended by adding thereto a second paragraph reading as follows:

Subject to approval of the chief, when the required fire flow is not available for adequate fire protection, an approved automatic sprinkler system shall be installed throughout the building(s). The sprinkler system design shall meet the requirements of NFPA 13 in commercial buildings; NFPA 13 or NFPA 13R in Group R, Division 1 and 4 Occupancies of two stories or less; and NFPA 13, NFPA 13R or NFPA 13D in Group R, Division 3 Occupancies. No sprinkler omission is permitted, other than sprinkler omissions permitted by only NFPA 13.

#### DIVISION V

Section 10.504(a) is amended by adding thereto a second paragraph reading as follows:

Sprinkler systems shall be augmented as necessary to provide appropriate design densities whenever the use of a building changes.

Section 10.504 is amended by adding thereto a subsection, designated as (d), reading as follows:

(d) Central Control Station. When a Central Control Station for fire department operations is required, it shall contain, in addition to the items required by any other code, items as specified by the fire department.

Section 10.504 is amended by adding thereto a subsection, designated as (e), reading as follows:

(e) Private Fire Hydrants. All private fire hydrant systems shall be certified to the satisfaction of the fire department on a yearly basis by a fire hydrant contractor. A copy of the inspection record shall be forwarded to the Fire Prevention Division within forty-eight hours after completion

of the inspection.

Section 10.504 is amended by adding thereto a subsection, designated as (f), reading as follows:

(f) Maintenance and Inspections. All fire protection systems, as defined in subsection (a), shall also be maintained in accordance with the provisions of the state fire marshal's regulations. Inspection records must be kept on-site and shall be readily available to the inspection authority. A copy of all inspections shall be mailed within forty-eight hours, to the Fire Prevention Division only when any deficiency in the system or violation of the Uniform Fire Code is noted. In the event that a service/maintenance contract is canceled or not renewed, the fire department shall be notified by the service company within twenty-four hours.

Section 10.506, subsection (b), Exception 3, is revised to read as follows:

3. Automatic sprinkler systems in Group R Occupancies two stories or less may comply with the Uniform Building Code, Standard No. 38-3.

Section 10.506 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) Water Supplies. Hydraulically calculated fire sprinkler systems shall be designed to ensure that the required system pressure is a minimum of 10 p.s.i. below the available pressure.

Section 10.506 is amended by adding thereto a subsection, designated as (d), reading as follows:

(d) Casinos. The sprinkler design for casinos shall be designed for not less than 0.16 Density - GPM/square feet for at least 1,500 square feet area of sprinkler operation.

Section 10.506 is amended by adding thereto a new sub-

section, designated as (e), reading as follows:

(e) Spec Warehouses. The sprinkler design for "Spec" warehouses or a warehouse which is built with the tenant being unknown shall be designed for not less than 0.21 Density - GPM/square feet for at least 1,500 square feet area of sprinkler operation. Buildings used for High-piled Combustible Stock shall comply with the provisions of Article 81.

Section 10.506 is amended by adding thereto a subsection, designated as (f), reading as follows:

(f) Group R. Division 1. Sprinkler systems in Group R, Division 1 Occupancies, more than two stories in height shall be hydraulically calculated using either the largest room or area/density methods specified in NFPA 13. In addition, calculations must be provided verifying that the sprinklers can perform in accordance with the manufacturers' listing requirements.

Section 10.507, subsection (d), is revised to read as follows:

1. Group B, Division 2 Occupancies. An automatic sprinkler system shall be installed in Group B, Division 2 Occupancies having floors located more than 55 feet above the lowest level of fire department vehicle access, or more than two stories above grade at any point, or 10,000 or more square feet in total area that have open or unseparated areas exceeding 5,000 square feet.

2. Corridors in Offices. When using the exception in the Uniform Building Code for eliminating the requirement of fire-resistive construction and protection of openings in corridors of an office, an approved automatic fire alarm system shall be installed, throughout the story activated by smoke detection in the corridors. Activation of the

sprinkler system shall also activate the fire alarm system.

3. Ministorage Warehouses. Ministorage warehouses which contain interior exit corridor systems shall be provided with a sprinkler system in all corridors. A single "Listed" quick response sprinkler head shall be provided over the door inside of each storage space. This sprinkler system shall not be recognized as providing complete fire protection for the structure. The required fire flow may not be reduced unless the sprinkler system complies with NFPA 13. Buildings three or more stories in height shall comply with NFPA 13 Standard except that the sprinkler design need not exceed a hydraulically calculated twelve-head design area.

Section 10.507 is amended by adding thereto a subsection, designated as (i), reading as follows:

(i)1. All Occupancies. An automatic fire extinguishing system shall be installed in all buildings that are more than 55 feet above or below street level or more than two stories in height, including any additional height incurred by usable floor space within a building, above grade at any point.

EXCEPTION: Any open parking garage which meets the definition in Uniform Building Code Section 709 and which does not contain mixed occupancies.

2. Tunnels. An automatic fire sprinkler systems shall be installed in tunnels exceeding 300 feet in length.

EXCEPTION: Roadway tunnels.

Section 10.508 is amended by adding thereto a paragraph at the end of the existing section reading as follows:

Approved central proprietary or remote station services shall be located within the area of Clark County, Nevada. The response time shall be in accordance with the Underwriters Laboratories listing provisions.

Section 10.513, subsection (e), second paragraph, is revised to read as follows:

Extinguishing systems shall be serviced at least every six months or after activation of the system. Inspection shall be conducted by personnel licensed by the fire marshal's office, and a Certificate of Inspection shall be kept on-site and must be readily available to the inspection authority. A copy of the Certificate of Inspection shall be mailed within forty-eight hours to the Fire Prevention Bureau only when any deficiency of the system or violation of the fire code is noted.

ARTICLE 11. GENERAL FIRE-SAFETY PRECAUTIONS

DIVISION II

Division II is amended by adding thereto a section, designated as Section 11.206, reading as follows:

OUTDOOR COOKING

Section 11.206. Distance Restriction. Outdoor cooking at apartment, condominium and other residential occupancies with portable barbecuing equipment is prohibited within ten feet of any overhang, balcony or opening.

EXCEPTION: 1. Electric Barbecue.

2. R-3 Occupancies.

ARTICLE 12. MAINTENANCE OF EXITS AND EMERGENCY

ESCAPES AND OCCUPANT LOAD CONTROL

DIVISION I

Section 12.110 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) Exit Illumination in Tunnels. Tunnels in excess of 300 feet shall have exit illumination and exit signs that comply with Sections 3313 and 3314 of the Uniform Building

Code.

Division I is amended by adding thereto a section, designated as Section 12.113, reading as follows:

**EXITS FROM TUNNELS**

Section 12.113. Tunnels shall be provided with exits as specified in the Uniform Building Code, Chapter 33, at intervals not exceeding 600 feet. The travel distance in a tunnel to an exit may not exceed 300 feet. In Mechanical/Electrical service tunnels, exits may be a fixed ladder.

**DIVISION II**

Division II is deleted.

**ARTICLE 13. GENERAL EMERGENCY PROCEDURES**

**DIVISION III**

Division III is amended by adding thereto a section, designed as Section 13.302, reading as follows:

**FIRE DRILLS IN GROUP I OCCUPANCIES**

Section 13.302. In Group I occupancies, fire drills shall be held a minimum of once a month on each nursing shift. Fire drills shall be conducted to familiarize operating personnel with their assigned positions of emergency duty. A record of all fire drills shall be kept on-site and must be readily available to the inspection authority. The fire drill record form used shall be approved by the Fire Prevention Division and shall include the time and date of each drill held. Such records shall be attested by the signature of the person or persons conducting the fire drills.

**ARTICLE 14. FIRE ALARM SYSTEMS**

Section 14.103, subsection (b), is amended by adding thereto a second paragraph reading as follows:

When buildings are protected throughout by both an approved automatic sprinkler system and an automatic fire alarm system activated by smoke detection, the manual fire

alarm system will generally not be required except in hazardous areas, for testing purposes and for providing an approved method of conducting fire drills. For purposes of this Section, when smoke detection is determined by the chief to be undesirable because of probable false alarms, thermal detection may be used in selected areas, in lieu of smoke detection for common areas, such as recreational rooms, laundry rooms, mechanical rooms, assembly rooms, where smoking is permitted, and, in similar areas in accordance with the Uniform Fire Code Standard No. 14-2.

Section 14.103 is amended by adding thereto a subsection, designated as (h), reading as follows:

(h) Alarm Signal. The minimum sound pressure level shall be 80 decibels throughout protected areas. The maximum sound pressure level shall be 110 decibels.

EXCEPTION: Bathrooms and clothes closets in dwelling units and guest rooms.

Section 14.104, subsection (c), sub-subsection 4, is revised to read as follows:

4. Corridors in office uses. When using the exception in the Uniform Building Code for eliminating the requirement of fire-resistive construction and protection of openings in corridors of an office, an approved automatic fire alarm system shall be installed throughout the story and activated by smoke detection in the corridors. Activation of the sprinkler system shall also activate the fire alarm system.

Section 14.104, subsection (c), is amended by adding thereto a new sub-subsection, designated as 7, reading as follows:

7. An automatic or manual fire alarm system shall be installed in Group B, Division 2 Occupancies, three or more stories but less than 55 feet in height.

Section 14.104, subsection (g), Exception 2, is revised to read as follows:

EXCEPTIONS:

2. A manual fire alarm system is not required when a building is protected throughout by an approved automatic sprinkler system which is monitored in accordance with the provisions of the fire code and the building is protected by an approved automatic fire alarm system.

Section 14.108 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) Minimum Service Requirements. All fire alarm systems shall be tested and inspected in accordance with nationally recognized standards and the fire marshal's regulations. The alarm contractor must provide proof of a license to do business within the City's jurisdiction.

1. Inspection reports shall be kept on-site and shall be readily available to the inspection authority. A copy of the inspection shall be mailed within forty-eight hours to the Fire Prevention Division only when any deficiency of the system or violation of the Uniform Fire Code is noted.
2. Prior to and after service or testing of any equipment, the fire department alarm office shall be notified of the location of the test and the approximate time the equipment will be inoperable.
3. In the event a service/maintenance contract is canceled or not renewed, the fire department shall be notified by the service company within twenty-four hours.

PART IV

SPECIAL OCCUPANCY USES

ARTICLE 24. AIRPORTS, HELIPORTS AND HELISTOPS

DIVISION III

Division III is amended by adding thereto a section, designated as Section 24.306, reading as follows:

FIRE ALARMS

Section 24.306. Communication facilities shall be provided from the roof area to notify the fire department. Alternatively, a fire alarm pull station may be installed and connected to the fire alarm system installed within the building as a separate zone.

ARTICLE 25. PLACES OF ASSEMBLY

DIVISION I

Section 25.116, subsection (b), is amended by adding a sub-subsection, designated as 6, reading as follows:

6. Listed and approved L.P. gas commercial food service appliances are permitted to be used inside restaurants and in attended commercial food catering operations. No commercial food service appliances may have more than two, ten-ounce, non-refillable butane gas containers having a maximum water capacity of 1.08 pounds per container connected directly to the appliance at any time, and containers shall not be manifolded. The appliance fuel containers must be an integral part of the listed, approved, commercial food service device and connected without the use of a rubber hose.

ARTICLE 30. LUMBER YARDS AND WOODWORKING PLANTS

DIVISION I

Article 30 is amended by designating the existing article as Division I and by adding thereto a division, designated as Division II, reading as follows:

## DIVISION II. FIREWOOD SALES AND STORAGE YARDS

### PERMITS

Section 30.201. For a permit to store firewood in excess of 50 cords, see Section 4.108.

### ACCESS ROADS

Section 30.202. Fire apparatus access roadways shall be provided to within 150 feet of all portions of the yard in accordance with Section 10.207.

### STORAGE

Section 30.203.(a) Firewood shall be piled with due regard to stability of the piles and in no case higher than ten feet. Where firewood is piled next to a property line on which a building has been erected, the distance from the pile to the property line shall be not less than one half the height of the pile and in no case less than five feet.

(b) Driveways between and around lumber piles shall be at least 20 feet wide and maintained free from accumulation of rubbish, equipment or other articles or materials. Driveways shall be so spaced that a maximum grid system unit of 50 feet by 150 feet is provided.

(c) Permanent firewood storage, operated under a permit, shall be surrounded with a suitable fence at least six feet high.

### SMOKING AND OPEN FLAME

Section 30.204.(a) Burning of any type is prohibited.

(b) Smoking shall be prohibited except in areas or structures designated by the fire department. "NO SMOKING" signs shall be posted on the exterior of all structures and erected at driveway edges.

### HOUSEKEEPING

Section 30.205.(a) Weeds shall be kept down throughout the entire year and shall be sprayed as often as needed with a

satisfactory weed killer or cut or grubbed out. Dead weeds shall be removed.

(b) Debris such as sawdust, chips and bark shall be removed regularly. Proper housekeeping shall be maintained at all times.

#### FIRE EXTINGUISHING APPLIANCES

Section 30.206(a) Approved water supply and fire hydrants capable of supplying the required fire flow shall be provided to within 150 feet of all portions of the yard in accordance with Section 10.401.

(b) Portable fire extinguishers shall be provided at locations as determined by the fire department.

#### ARTICLE 34

Section 34.107 is amended by adding thereto a third paragraph reading as follows:

Aisles or passageways in salvage yards, wrecking yards or junk yards shall be not less than 20 feet in width and shall be not more than 150 feet in length without providing the required turnaround areas as required by Section 10.204.(d).

#### PART VII

#### SPECIAL SUBJECTS

#### ARTICLE 74

Division II is amended by adding thereto a section, designated as Section 74.213 reading as follows:

#### MEDICAL GAS

Section 74.213. All medical gas systems must be certified by an independent medical gas testing agency prior to use of the system. Copies of the system certification shall be forwarded to the Fire Prevention Bureau.

ARTICLE 77

DIVISION I

Section 77.103 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) Blasting Permits. A blasting permit is required for any proposed excavation activity that will involve the use of explosives. The permit shall be obtained by the contractor prior to the commencement of any activities involving the use of the explosives. The contractor shall make application for the permit to the fire department on a form supplied by the department.

After review, the fire department shall refer the application to the Blasting Committee, which shall review and either approve or disapprove the same within five working days after receipt thereof.

The issuance of a blasting permit shall not preclude the Blasting Committee from subsequently revoking the permit, imposing additional requirements on the contractor or supplementing any existing requirement whenever, in the opinion of the Blasting Committee, later information or newly discovered conditions justify revocation, additional or supplemental requirements.

Section 77.107 is revised to read as follows:

PROHIBITED AND LIMITED ACTS

Section 77.107. Explosive materials shall not be manufactured within the City of Las Vegas.

Explosive materials shall be stored only in areas zoned as industrial or in an area approved by the chief for temporary storage.

The chief is authorized to limit the quantity of explosive materials permitted at any location.

ARTICLE 78

DIVISION I

Section 78.103 is amended by adding thereto a subsection, designated as (c), reading as follows:

(c) Permits for Sale and Storage of Fireworks. A permit is required for the sale and storage of all fireworks.

DIVISION II

Section 78.202 is amended by adding thereto an exception, designated as 3, reading as follows:

3. The sale, storage and use of Class C fireworks when in accordance with the Fire Prevention Division's Rules and Regulations for fireworks.

ARTICLE 79

DIVISION I

Section 79.116, subsection (e), first paragraph, is revised to read as follows:

(e) Underground Tanks Out of Service One Year. Any underground tank which has been out of service for a period of one year shall be removed from the ground in a manner approved by the chief and the site restored in an acceptable manner. Tanks shall be removed from the ground in accordance with Section 79.116 (c) 1B and the Environmental Health Division of the Clark County Health District. When the chief determines that the removal of the tank is not necessary, abandonment in place is allowed.

DIVISION V

Section 79.501 is revised to read as follows:

**GENERAL**

Section 79.501. Storage of Class I and II liquids in aboveground tanks outside of buildings is prohibited within the City of Las Vegas.

**EXCEPTION:** Areas zoned industrial and/or areas approved

by the Chief.

Section 79.510, subsection (b), sub-subsection 1, is revised to read as follows:

1. Is used for the storage of Class I or Class II liquids.

#### DIVISION VI

Section 79.601 is amended by adding thereto a subsection, designated as (g), reading as follows:

(g) Monitoring. Monitoring wells for vapor testing and/or ground water monitoring is required on all tank installations. When two or more tanks are installed at least four test wells are required with their locations at remote ends of the excavation.

#### DIVISION IX

Section 79.902, subsection (c), sub-subsection 5, is revised to read as follows:

5. Tanks containing I, II, or III-A liquids must not exceed 3,000 gallons individual or 9,000 gallons aggregate capacity.

#### ARTICLE 82

Article 82 is deleted.

Reference. See, NRS 590.465 through 590.645.

#### ARTICLE 85

Article 85 is amended by adding thereto a section, designated as 110, reading as follows:

##### ELECTRICAL DISCONNECTING MEANS

Section 85.110. All conductors supplying power to any building shall have a disconnecting means located on the exterior of the building except for accessory buildings to single family dwellings. A shunt trip device is acceptable as a main electrical disconnect for a building. The shunt trip must be located in a central control room whenever a building is provided with a

central control room. Shunt trips which are not in central control rooms must be located on the exterior of the building. The branch circuit supplying power for the shunt trip device must be connected to the supply side of the main service disconnecting means. Where a shunt trip station is installed outside the building or structure served, the station must be colored yellow and have black lettering describing it as the "Main Electrical Disconnect" in accordance with building department requirements. The shunt trip device must be located inside an approved metal enclosure.

PART VIII

APPENDICES

DIVISION II

Appendix II-F, "Aboveground Storage Tanks for Motor Vehicle Fuel-Dispensing Stations," Section 2, subsection (d), is revised to read as follows:

(d) Tanks containing motor fuels shall not exceed 3,000 gallons individual or 9,000 gallons aggregate capacity. Installations having the maximum allowable aggregate capacity shall be separated from other such installations by not less than 100 feet, and

DIVISION III

Appendix III-A, "Fire Flow Requirements for Buildings," Section 5, subsection (b), Exception, is revised to read as follows:

EXCEPTION: When a building is provided with an approved automatic sprinkler throughout, a reduction in the required fire flow of up to 50 percent is permitted. Light Hazard Occupancies, as defined by NFPA 13, of type I or type II-FR. construction and which are two stories or less in height, are permitted a reduction of 75 percent in the required fire flow. In buildings with

floors used for human occupancy more than three stories in height or more than 55 feet above the lowest level of fire apparatus access, the maximum fire flow reduction allowed is 25 percent. Buildings which are used for high-piled combustible stock or contain more than 1,000 gallons of flammable and/or combustible liquids are permitted a reduction of 25 percent in the required fire flow. The resulting fire flow for all buildings shall not be less than 1,500 gallons per minute.

# AFFIDAVIT OF PUBLICATION

RECEIVED

SEP 23 11 48 AM '92

CITY CLERK

PASTE CLIPPING HERE

BILL NO. 92-56  
ORDINANCE NO. 3677

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART I OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1991 EDITION" AS PART II OF SAID CHAPTER, WHICH ADDS TO AND AMENDS AND DELETES VARIOUS PROVISIONS OF THE UNIFORM FIRE CODE, 1991 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:  
Councilman Bob Nolen

SUMMARY: Adopts the 1991 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereto, deletions therefrom and additions thereto, as the City's Fire Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 2nd day of September, 1992, and referred to the following committee composed of Councilmen Nolen and Adamsen, for recommendation; thereafter the said committee reported favorably on said ordinance on the 16th day of September, 1992, 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: Nolen, Adamsen, and Higginson  
VOTING "NAY" Councilmen: NONE

EXCUSED: Councilman: Hawkins, Jr. and Mayor Jones

COPIES OF THE COMPLETE OR-

DINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA  
PUB: September 19, 1992  
Las Vegas Review-Journal

STATE OF NEVADA)  
COUNTY OF CLARK)

SS:

CHRISTINE BICKERTON, being first duly sworn, deposes and says:

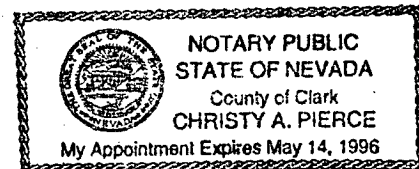
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of SEPTEMBER 19, 1992 to SEPTEMBER 19, 1992, on the following days:

SEPTEMBER 19, 1992

Signed: Christine Bickerton

Subscribed and sworn to before me this 20th day of September, 19 92

Christy A. Pierce  
Notary Public



# AFFIDAVIT OF PUBLICATION

RECEIVED

SEP 14 3 45 PM '92

CITY CLERK

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BILL NO. 92-56

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART I OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1991 EDITION" AS PART II OF SAID CHAPTER, WHICH ADDS TO AND AMENDS AND DELETES VARIOUS PROVISIONS OF THE UNIFORM FIRE CODE, 1991 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:  
Councilman Bob Nalen

SUMMARY: Adopts the 1991 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code. At a City Council meeting SEPTEMBER 2, 1992

BILL NO. 92-56 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Councilmen Nalen AND Adamsen. COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: September 4, 1992  
Las Vegas Review-Journal

STATE OF NEVADA)  
COUNTY OF CLARK)

SS:

CHRISTINE BICKERTON, being first duly sworn, deposes and says:

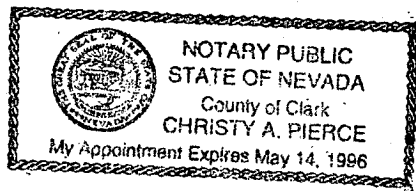
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of SEPTEMBER 4, 1992 to SEPTEMBER 4, 1992, on the following days:

- SEPTEMBER 4, 1992
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Signed: Christine Bickerton

Subscribed and sworn to before me this 8<sup>th</sup> day of September, 19 92

Christy A Pierce  
Notary Public



# AFFIDAVIT OF PUBLICATION

RECEIVED

SEP 14 3 45 PM '92

CITY CLERK  
SS:

STATE OF NEVADA)  
COUNTY OF CLARK)

CHRISTINE BICKERTON, 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 SEPTEMBER 4, 1992 to SEPTEMBER 4, 1992, on the following days:

SEPTEMBER 4, 1992  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signed: Christine Bickerton

Subscribed and sworn to before me this 8th day of September, 1992

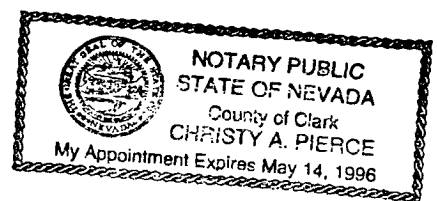
Christy A. Pierce  
Notary Public

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BILL NO. 92-54  
AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART I OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1991 EDITION" AS PART II OF SAID CHAPTER, WHICH ADDS TO AND AMENDS AND DELETES VARIOUS PROVISIONS OF THE UNIFORM FIRE CODE, 1991 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.  
SPONSORED BY:  
Councilman Bob Nolen  
SUMMARY: Adopts the 1991 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code.  
At a City Council meeting  
SEPTEMBER 2, 1992  
BILL NO. 92-54 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE:  
Councilmen Nolen AND Adamsen.  
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.  
PUB: September 4, 1992  
Las Vegas Review-Journal



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# AFFIDAVIT OF PUBLICATION

RECEIVED  
 SEP 23 11 48 AM '92  
 CITY CLERK

PASTE CLIPPING HERE

BILL NO. 92-56  
 ORDINANCE NO. 307

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE IN LIEU THEREOF, THE 1991 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART I OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1991 EDITION" AS PART II OF SAID CHAPTER, WHICH ADDS TO AND AMENDS AND DELETES VARIOUS PROVISIONS OF THE UNIFORM FIRE CODE, 1991 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:  
 Councilman Bob Nolen

SUMMARY: Adopts the 1991 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 2nd day of September, 1992, and referred to the following committee composed of Councilmen Nolen and Adamsen, for recommendation; hereafter the said committee reported favorably on said ordinance on the 16th day of September, 1992, 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: Nolen, Adamsen, and Higginson  
 VOTING: "NAY" Councilmen: NONE

EXCUSED: Councilman: Hawkins, Jr. and Mayor Jones

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA  
 PUB: September 19, 1992  
 Las Vegas Review-Journal

STATE OF NEVADA)  
 COUNTY OF CLARK)

SS:

CHRISTINE BICKERTON, 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 SEPTEMBER 19, 1992 to SEPTEMBER 19, 1992, on the following days:

SEPTEMBER 19, 1992

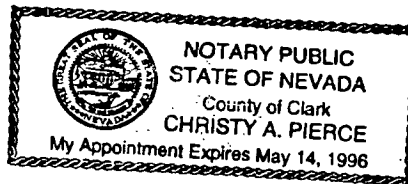
Signed:

*Christine Bickerton*

Subscribed and sworn to before me this

23rd day of September, 19 92

*Christy A. Pierce*  
 Notary Public



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