

FIRST AMENDMENT

Bill No. 98-77

Ordinance No. 5115

AN ORDINANCE UPDATING THE FIRE CODE FOR THE CITY OF LAS VEGAS; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY REPEALING THE 1994 EDITION OF THE UNIFORM FIRE CODE AND THE SUPPLEMENTAL DOCUMENT PERTAINING THERETO; AND ADOPTING IN LIEU THEREOF THE 1997 EDITION OF THE UNIFORM FIRE CODE, TOGETHER WITH THE 1998 SUPPLEMENT TO THE UNIFORM FIRE CODE AND A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, TO-WIT: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION"; PROVIDING FOR 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 Arnie Adamsen

Summary: Adopts the 1997 Edition of the Uniform Fire Code, the 1998 Supplement to the Uniform Fire Code, and a Supplemental Document providing for various deletions and additions to the Uniform Fire Code.

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

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

16.16.010: Those certain documents, three copies of which are on file in the office of the City Clerk, that are marked and designated as follows are hereby adopted by reference as [Part I and II] Parts I, II and III of the Fire Code of the City[:] and of this Chapter:

(A) As Part I of this Chapter, Volumes 1 and 2 of the Uniform Fire Code, [1994] 1997 Edition, together with the following appendices contained therein, to wit: I-C Stairway Identification; [II-A Suppression and Control of Hazardous Fire Areas] II-B Protection of Flammable and Combustible Liquid Tanks in Locations Subject to Flooding; II-C Marinas; II-D Rifle Ranges; II-E Hazardous Materials Management Plans and Hazardous Materials Inventory Statements; [II-F Protected Aboveground Tanks for Motor Vehicle Fuel-dispensing Stations Outside Buildings] II-G Secondary Containment for Underground Tank Systems Containing Flammable or Combustible Liquids; II-H Site Assessments for Determining Potential Fire and Explosion Risks from Underground Flammable or Combustible Liquid Tank Leaks; II-I Ozone Gas-Generating Equipment; II-J Storage

1 of Flammable and Combustible Liquids in Tanks Located within Below-Grade Vaults; III-A Fire-flow
2 Requirements for Buildings; III-B Fire Hydrant Locations and Distribution; [IV-A Interior Floor
3 Finish; IV-B Christmas Trees; V-A Nationally Recognized Standards of Good Practice] VI-A
4 Hazardous Materials Classifications; VI-B [Emergency Relief Venting for Fire Exposure for
5 Aboveground Tanks] Hazard Ranking; VI-C Emergency Relief Venting for Fire Exposure for
6 Aboveground Tanks; [VI-D] VI-E Reference Tables from the Uniform Building Code; and [VI-E] VI-
7 E Recommended Separation Distances for Explosive Materials; [and]

8 (B) As Part II of this Chapter, the 1998 Supplement to the Uniform Fire Code
9 including its Appendix, but excluding its reference to any appendix not adopted by this Ordinance and
10 excluding the proposed Appendices VI-B and VI-E to the Uniform Fire Code; and

11 (C) As Part III of this Chapter, a supplemental document, amending, modifying,
12 adding to and deleting certain provisions of the Uniform Fire Code, [1994] 1997 Edition.

13 [(C)] (D) If a conflict exists between any provision of the Uniform Fire Code, [1994]
14 1997 Edition, and any other code or ordinance adopted by the City, the more stringent requirement
15 providing the greatest safety from fire shall prevail.

16 SECTION 2: The 1994 Edition of the Uniform Fire Code and the Supplemental
17 Document pertaining thereto are hereby repealed in their entirety.

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

26 SECTION 4: Whenever in this ordinance any act is prohibited or is made or declared
27 to be unlawful or an offense or a misdemeanor, or whenever in this ordinance the doing of any act is
28 required or the failure to do any act is made or declared to be unlawful or an offense or a

1 misdemeanor, the doing of such prohibited act or the failure to do any such required act shall
2 constitute a misdemeanor and upon conviction thereof, shall be punished by a fine of not more than
3 \$1,000.00 or by imprisonment for a term of not more than six months, or by any combination of such
4 fine and imprisonment. Each day of a violation of this ordinance continues shall constitute a separate
5 offense.

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

9 PASSED, ADOPTED AND APPROVED this 9th day of Nov., 1998.

10 APPROVED

11
12 By 
13 JAN LAVERTY JONES, Mayor

14 ATTEST

15 
16 BARBARA JO RONEMUS, City Clerk

17 APPROVED AS TO FORM:

18 Val Steed 11-4-98
19 _____ Date

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1 The above and foregoing ordinance was first proposed and read by title to the City Council on
2 the 26th day of October, 1998 and referred to the following committee composed of the
3 Councilmen McDonald and Adamsen for recommendation; thereafter the said committee
4 reported favorably on said ordinance on the 9th day of November, 1998 which was a regular
5 meeting of said Council; that at said regular meeting, the proposed ordinance was read by title
6 to the City Council as amended and adopted by the following vote:

7 VOTING "AYE": Councilmen Adamsen, McDonald, Reese and Brown


8 VOTING "NAY": NONE

9 EXCUSED: Mayor Jones

10 APPROVED:

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12 _____
13 JAN LAVERTY JONES, Mayor

14 ATTEST:

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16 _____
17 BARBARA JO RONEMUS, City Clerk
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A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION

Certain parts, articles, divisions, sections and subsections of Volume 1 of the Uniform Fire Code, 1997 Edition, are hereby amended or 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, 1997 Edition, or the Uniform Building Code, 1997 Edition, as either has been adopted and modified by the City, the provision of this Supplemental Document shall prevail.

1. Section **103.1.4 Appeals** is deleted.
2. A new **Section 103.3.5 Fees** is added to read as follows:

Section 103.3.5 Fees. Fees for permits, inspections and other sources shall be as set forth in the Permit and Service Fee Schedule, as adopted and amended from time to time by the City Council.

3. **Section 103.4.1.1 General** is amended to read as follows:

103.4.1.1 General. When the Chief finds in any building or on any premises combustible, hazardous or explosive materials or dangerous accumulations of rubbish; or finds unnecessary accumulations of wastepaper, boxes, shavings or any highly flammable materials which are so situated as to endanger life or property; or finds obstructions to or on fire escapes, stairs, passageways, doors or windows that reasonably tend to interfere with the operations of the Fire Department or the egress of the occupants of such buildings or premises; or finds that the effectiveness of any exit door, attic separation or any fire separation wall is reduced; or finds that this code is being violated, the Chief is authorized to issue orders as necessary for the enforcement of the fire prevention laws and ordinances governing the same and for the safeguarding of life and property.

4. **Section 103.4.1.3 Stopping uses, evacuation** is amended to read as follows:

103.4.1.3 Stopping uses, evacuation. The Chief is authorized to order an operation or use stopped or the evacuation of any premises, building or vehicle or portion thereof which has or is a fire hazard, hazard to life, property or the environment.

5. **Section 105.6 Permits for the same location** is amended by numbering the existing text as subsection 1 and adding a new subsection 2 to read as follows:

105.6.2. Other required permits. The requirements for permits from other agencies or departments shall not eliminate or waive the requirement for any permit under 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.

6. **Section 105.8 Permit required** is amended by adding five new subsections to read as follows:

g.1 Gates. To install or alter a gate(s) or gate operator(s) which obstructs a fire apparatus access road.

x.1 Fire extinguishing system(s) and equipment. To install, extend, or alter fire extinguishing system(s) and equipment.

x.2 Alarm system(s), equipment, and monitoring. To install, extend, or alter smoke control system(s) and equipment.

x.3 Smoke control system(s) and equipment. To install, extend, or alter smoke control system(s) and equipment.

x.4 Spray booths. To install, extend, or alter spray booth(s) and equipment.

7. **SECTION 207 - F** is amended to include the following definitions:

FALSE ALARM is the activation or reporting of an alarm for which no such alarm condition, fire or emergency actually exists.

FIRE LANES are Fire Apparatus Access Roads per UFC Article 9, Sections 901 and 902, which are designated by the Fire Department as those areas located on public or private property which are required to be marked per Section 901.4.2.

FIREWOOD SALES & STORAGE OF WOOD is any lot used for the sale and/or storage of wood.

8. **SECTION 214 - M** is amended to include the following definition:

MINISTORAGE WAREHOUSE is a structure partitioned into areas which are rented or leased by individuals or companies for the purpose of storing personal or business items.

9. **SECTION 215 - N** is amended to include the following definition:

NUISANCE ALARM is any alarm caused by mechanical failure, malfunction, improper installation, or lack of proper maintenance, or any alarm activated by a cause that cannot be determined.

10. **SECTION 220 - S** is amended to include the following definitions:

SMOKE CONTROL, DEDICATED SYSTEM is a system intended for the purpose of smoke control only. It is a separate system of air moving and distribution equipment that does not function under normal building operating conditions. Upon activation, this system operates specifically to perform the smoke-control function.

SMOKE CONTROL, NON-DEDICATED SYSTEM is a smoke control system that shares components with some other system(s) such as the building HVAC system. Activation causes the system to change its mode of operation to achieve the smoke-control objectives.

11. **SECTION 221 - T** is amended to include the following definition:

TUNNEL is any thoroughfare, public way, walk way, or mechanical/electrical service conduit of dimensions to 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.

12. **Section 901.4.2 Fire apparatus access roads** is amended to read as follows:

901.4.2 Fire apparatus access roads. When required by the Chief, approved signs or other approved notices, or both, shall be provided and maintained for fire apparatus access roads to identify such roads and prohibit the obstruction thereof.

Fire apparatus access roads shall be marked by placing approved signs at the start of the designated fire lane, one sign at the end of the fire lane and with signs at intervals of 100 feet along all designated fire lanes. Signs are to be placed on both sides of an access roadway if needed to prevent parking on either side. Signs are to be installed no higher than 10 feet or less than 6 feet from the surface of the roadway. The curb along the roadway, or if a curb is not present, then the edge of the pavement or the roadway, shall be painted with a red weather resistant paint.

13. A new **Section 901.7 Access Gates** is added to read as follows:

Section 901.7 Access Gates

Section 901.7.1 Permit. A Fire Department permit is required to install an electronically controlled access gate(s) which obstructs a Fire Department access road.

Section 901.7.2 General. Fire apparatus access roads which are secured by gates shall comply with the specifications of the Fire Department.

Electronically controlled gates shall be provided with an approved vehicle detector/receiver system in accordance with rules and regulations specified by the Fire Department.

EXCEPTION: When approved by the Chief, an approved vehicle detector/receiver system need not be provided in the case of electronically controlled gates that are manned on a 24-hour basis.

Access gate systems shall be maintained operational at all times. When electronically controlled gates are out of service, they shall be secured in the open position until repairs are complete. Repairs shall be in accordance with original specifications.

When required by the Chief, the installing contractor or the owner of the property shall provide the Fire Department transmitter(s) or approved alternative, without cost to the Fire Department.

The Chief may provide transmitter(s), at no cost to the Fire Department, to local law enforcement agencies and/or an ambulance service for use in emergencies.

Section 901.7.3 Existing facilities. All existing facilities with electronically controlled gates installed across access roads shall be made to comply with Fire Department guidelines. Non-complying gates shall be secured in the open position in a manner approved by the Fire Department.

Section 901.7.4 Plans and specifications. Three sets of plans and specifications for fire apparatus access road gates shall be submitted for review and approval prior to construction. Included in the submittal shall be the following information.

Site plan with north arrow, roadway and gate dimensions.

1. Location of underground roadway detector loop.
2. Manufacturers' specification sheets detailing the voltage, current, radio frequency, power cable and coding for the proposed system.
3. Contractors statement of compatibility with existing installations.
4. Detailed vicinity map.

901.7.5 Operational testing. An operational test shall be requested by the installer and conducted prior to placing the system into operation to establish that the final installation complies with this code, the specified design, and is functioning properly.

14. A new **Section 901.8 Directory required** is added to read as follows:

901.8 Directory required. When required by the Chief, an approved permanent directory for complexes shall be provided in accordance with the fire department guidelines.

15. **Section 902.2.2.1 Dimensions** is amended to read as follows:

902.2.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet provided no parking is allowed, not less than 28 feet if parallel parking is allowed on one side, and not less than 36 feet if parallel parking is allowed on both sides. Vertical clearance shall be not less than 13 feet 6 inches.

Vertical clearances or widths shall be increased when, in the opinion of the Chief, vertical clearances or widths are not adequate to provide fire apparatus access.

16. **Section 902.2.2.2 Surface** is amended to read as follows:

902.2.2.2 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an approved paved surface so as to provide all-weather driving capabilities.

17. **Section 902.2.2.3 Turning radius** is amended to read as follows:

902.2.2.3 Turning radius. The turning radius of a fire apparatus access road shall be no less than 45 feet outside and 22 feet inside turning radius.

EXCEPTION: When the Chief determines that aerial/ladder fire apparatus access is necessary, the minimum turning radius shall be no less than 52 feet outside and 28 feet inside turning radius.

18. **Section 902.2.2.6 Grade** is amended to read as follows:

902.2.2.6 Grade. The gradient for a fire apparatus access road shall not exceed 12% angles of approach and angles of departure shall not exceed 6% for 25 feet prior to or after the grade change.

19. **Section 903.2 Required Water Supply for Fire Protection** is amended by adding a second paragraph to read as follows:

All hydrants used to calculate the required fire flow shall be within 750 feet of the structure being protected as measured along the approved fire apparatus access road.

EXCEPTION: When the required fire flow is not available for adequate fire protection, an approved automatic sprinkler system may be installed throughout the building(s).

20. **Section 1001.3 Plans** is amended to read as follows:

1001.3 Plans

1001.3.1 General. Complete plans and specifications for alarm systems; fire extinguishing systems, including automatic sprinklers and wet/dry standpipes; halon systems and other special types of automatic fire extinguishing systems; basement pipe inlets; and other fire protection systems and appurtenances thereto shall be submitted to the fire department for review and be approved prior to system installation.

Approved plans shall be kept readily available on the job site.

All high rise buildings, covered mall and atrium buildings, and other major facilities as determined by the Chief, shall have a Fire and Life Safety Package Report submitted to the Fire Prevention Division and approved prior to construction.

1001.3.2 Plans, Alarm System. Complete plans and specifications for alarm systems shall include but not be limited to, a floor plan; location of all alarm-initiating and alarm-signaling devices; notification appliances; alarm control and trouble-signaling equipment; annunciation; power connection; battery calculations; conductor type and sizes; voltage drop calculations; and manufacturer, model numbers and listing information for all equipment, devices and materials.

The maximum allowable voltage drop for a fire alarm circuit shall not exceed 15% of the normal voltage of the fire alarm panel or the power expansion panel.

21. **Section 1001.5.2 Inspection and testing** is amended by adding two new subsections to read as follows:

1001.5.2.1 Private Fire Hydrants. All private fire hydrant systems shall be serviced to the satisfaction of the Fire Department on a yearly basis. Service records shall be kept on-site and shall be readily available to the inspection authority. A copy of said service record shall be mailed within 48 hours, to the Fire Prevention Division when any deficiency of the system or violation of the Fire Code is noted.

1001.5.2.2 Fire Protection Systems. All fire protection systems shall be maintained in accordance with the provisions of the Nevada State Fire Marshal's Office Regulations. A copy of said inspection shall be mailed within 48 hours, to the Fire Prevention Division only when any deficiency of the system or violation of the Fire Code is noted. In the event a service/maintenance contract is canceled or not renewed, the Fire Prevention Division shall be notified by the service company within 24 hours.

22. **Section 1001.5.3.1 Problematic systems and systems out of service** is amended to read

as follows:

1001.5.3.1 Problematic systems and systems out of service. In the event of a failure of a fire protection system or recurring false or nuisance alarm activations, the Chief is authorized to require the building owner or occupant to provide firewatch personnel until the system is repaired.

Such individuals shall be provided with at least one (1) approved means for notification of the Fire Department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

In addition to the requirements listed above, in the case of any two (2) nuisance or false alarms, or combination thereof, within a consecutive sixty (60) day period, the Chief or his designee may issue a warning notice to both the owners of the property and the alarm business responsible for the service and maintenance of the system. This notice shall indicate that any additional nuisance or false alarms within a period of thirty (30) days will be subject to the penalties prescribed in this Code.

23. Section 1001.5.5 Smoke control systems is amended to read as follows:

1001.5.5 Smoke control systems. Mechanical smoke control systems, such as those in high-rise buildings, buildings containing atria, covered mall buildings and mechanical ventilation systems utilized in smoke proof enclosures and for smoke-removal systems utilized in high-piled combustible storage occupancies, shall be maintained in an operable condition at all times. A written record shall be maintained and shall be made available to the inspection authority.

The smoke control system shall be tested in accordance with NFPA 92A, 1996 Edition by a qualified company and individuals who have been pre-approved by the Chief. Dedicated smoke control systems shall be tested semiannually. Non-dedicated smoke control systems shall be tested annually. Tests shall also be conducted under standby power, if applicable.

24. A new Section 1001.11 Central Control Station (Fire Control Room) is added to read as follows:

1001.11 Central Control Station (Fire Control Room). A Central Control Station shall be provided when required by the Chief or the Building Official. Location, size, accessibility and design of the Central Control Station shall be approved by the fire department.

The Central Control Station room shall be separated from the remainder of the building by not less than a two-hour fire-resistive occupancy separation with a door opening directly to the exterior of the building. The minimum size of the location shall be 150 square feet, with a minimum dimension of 10 feet. When doors to the interior of the building are required,

they shall open into hallways, corridors or exit passageways.

In addition to the items required by any other code, a Central Control Station shall contain the following items:

1. A black board or marker board of a minimum size of three feet (3) by four feet (4) capable of easy erasure, with a marking device and an eraser attached.

Current building plans, approved Fire and Life Safety Package Report, fire emergency preplans for said complex, manufacturer's operational manuals for all systems and a work table of a minimum size of three feet (3) by seven feet (7) capable of holding such plans in an opened position.

2. Flexible cord to all Fire Department communication systems of a sufficient length to reach all panels.
3. Whenever a mechanical smoke control system is installed, an approved annunciator panel containing indicators, controls and graphic annunciation, must be provided in a location acceptable to the Fire Department.

25. Section 1003.1.1 General is amended by adding two new paragraphs to read as follows:

In storage occupancies and areas designated for storage in all other occupancies, the fire-extinguishing system shall be designed and installed with a minimum density for Ordinary Hazard Group 2 Occupancy, per NFPA 13, 1996 Edition, to protect to the available storage height.

Main control valves for the fire-extinguishing systems shall be:

1. Located in a room with a one-hour occupancy separation and an exterior door; or
2. Equipped with exterior indicator posts (wall control valves).

26. Section 1003.1.2 Standards is amended to read as follows:

1003.1.2 Standards. Fire-extinguishing systems shall be in accordance with the applicable NFPA Standards.

EXCEPTIONS:

1. Automatic fire-extinguishing systems not covered by the Building Code shall be approved and installed in accordance with approved standards.
2. Automatic sprinkler systems may be connected to the domestic water-supply

main when approved by the Fire Chief, provided the domestic water supply is of adequate pressure, capacity and sizing for the combined domestic and sprinkler requirements. In such case, the sprinkler system connection shall be made between the public water main or meter and the building shutoff valve, and there shall not be intervening valves or connections. The fire department connection may be omitted when approved by the Fire Chief.

3. **Group R Division 1 Occupancies, two (2) stories or less.** Group R Division 1 Occupancies two (2) stories or less in height may be designed and installed in accordance with the provisions of NFPA 13-R, 1996 Edition.
4. **Group R Division 1 Occupancies, more than two (2) stories.** Group R Division 1 Occupancies more than two (2) stories in height shall be designed and installed in accordance with the provisions of NFPA 13, 1996 Edition.
5. **Water supplies.** Hydraulically calculated fire sprinkler systems shall be designed to ensure the required system pressure is a minimum of ten (10) PSI below the available pressure.
6. **Casinos.** The sprinkler design for Casinos shall be designed for not less than Ordinary Hazard, Group 1 Occupancy per NFPA 13, 1996 Edition.
7. **Shell buildings.** When an automatic sprinkler system is installed in the shell buildings which are built for unknown tenants and/or floor layouts, the sprinkler system shall be designed having a design density of Ordinary Hazard, Group 2 Occupancy, per NFPA 13, 1996 Edition.
8. **Fire Department Connections (FDC) Interconnected.** When required by the Chief, buildings over 55 feet in height or containing three (3) or more fire sprinkler risers shall have Fire Department Connections (FDC) located at two or more locations and they shall be looped in such a manner to allow the Fire Department to support the entire system(s) for the building at any FDC. For purposes of this Section, area separation wall shall not define separate buildings.

27. **Section 1003.2.2** is amended by deleting Paragraph 5 and substituting therefor a new Paragraph 5 and a new Paragraph 6 to read as follows:

5. An automatic sprinkler system shall be installed throughout all buildings with a floor level located 55 feet or more above the lowest level of Fire Department vehicle access or more than 2 stories above grade at any point.

EXCEPTIONS:

1. Airport control towers.
2. Open parking structures which meet the definition in UBC Section 311.9.2.1 and which do not contain mixed occupancies.
3. Group F, Division 2 Occupancies.

6. An automatic sprinkler system shall be installed throughout all buildings 10,000 square feet or greater in total area in which any area 5,000 square feet or greater in total area is not separated by an approved area separation wall.

EXCEPTION: Any open parking structure, which meets the definition in UBC Section 311.9.2.1 and which does not contain mixed occupancies.

28. **Section 1003.2.4.1 General** is amended to read as follows, with the exceptions deleted:

1003.2.3.1 General. An automatic fire sprinkler system shall be installed throughout all buildings with an occupant load of 50 or more containing a Group E, Division 1 or Group E, Division 3 Occupancy.

29. A new **Section 1003.2.10 Group S Occupancies** is added to read as follows:

1003.2.10 Group S Occupancies. An automatic sprinkler system shall be installed in Group S, Division 1, Occupancies greater than 2,500 square feet; and in Group S, Division 2 and 5 Occupancies greater than 5,000 square feet. For purposes of this section, a ministorage warehouse shall be classified as a Group S, Division 1 Occupancy.

30. **Section 1003.3.1 Where required** is amended by deleting the second paragraph and substituting therefor the following:

Valve monitoring, water-flow alarm, and system trouble signals shall be distinctly different and shall be automatically transmitted to an approved supervising station (central, remote, or proprietary) or, when approved by the Chief, shall sound an audible signal at a constantly attended location.

EXCEPTIONS:

1. Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be monitored.
2. Backflow prevention assembly units installed in the approved Las Vegas Valley Water District (LVVWD) enclosures need not to be monitored. The valves and enclosure shall be secured in a manner approved by the Chief.

Occupancies that are not electrically monitored shall provide an approved identification sign below each outside horn and strobe which reads WHEN ALARM SOUNDS - CALL 9-1-1. This sign shall be of durable material with permanent lettering having a 2" minimum height on a contrasting background.

Multistory facilities shall provide zone annunciation on a floor by floor basis. In occupancies provided with a supervised sprinkler system, the following three (3) distinctly different alarm

signals shall be transmitted to an approved supervising station:

1. Water Flow Alarm
2. Valve Tamper Alarm
3. System Trouble

The supervising station shall retransmit to the Fire Department only the following two (2) distinctly different alarms.

1. Water Flow Alarm
2. Valve Tamper Alarm

31. Section 1003.3.2 Alarms is amended to read as follows:

1003.3.2 Alarms. An approved audible and visual notification device shall be provided on the exterior of the building in an approved location. An approved audible and visual sprinkler flow alarm to alert the occupants shall be provided in the interior of the building in a normally occupied location. Multi-tenant facilities shall provide approved audible and visual notification devices within each space. Actuation of the alarm shall be as set forth in the Building Code (See UBC Standard 9-1).

32. Section 1004.1.1 General is amended by adding one new paragraph to read as follows:

When approved by the Chief, hose is not required to be provided by Class II Standpipes or small hose stations.

...
...
...

33. **Table 1004-A Standpipe required systems** is amended by adding a new Item 7 to read as follows:

OCCUPANCY	NONSPRINKLERED BUILDING ¹		SPRINKLERED BUILDING ^{2,3}	
	Standpipe Class	Hose Requirement	Standpipe Class	Hose Requirement
x304.8 for mm x0.0929 for m ²				
7. Groups A; B; E; F-1; M; R-1 & S Occupancies with any floor area greater than 200 foot travel distance from the nearest fire apparatus access road.	III	No	III	No

34. **Section 1006.2.8 Operations and maintenance** is amended so that the fourth paragraph reads as follows:

Fire extinguishing systems shall be serviced at least every six (6) months or after activation of the system. Inspection shall be conducted by personnel licensed by the State of Nevada Fire Marshal's Office, and a Certificate of Inspection shall be kept on-site and shall be readily available to the inspection authority.

35. **Section 1007.2.3 Group B Occupancies** is amended to read as follows:

1007.2.3 Group B Occupancies. An automatic or manual fire alarm system shall be installed in Group B Occupancies, three or more stories but less than 55 feet in height above the lowest level of Fire Department access (See also Section 1007.2.12).

36. A new **Section 1007.2.4.4 Locking of manual fire alarm boxes** is added to read as follows:

1007.2.4.4 Locking of manual fire alarm boxes. When buildings are protected throughout by an approved automatic sprinkler system, manual fire alarm boxes are allowed to be locked utilizing listed institutional style in areas occupied by students, provided that staff members

are present within the subject area and have keys readily available to operate the manual fire alarm boxes.

37. **Section 1007.2.9.1.1 New Group R Occupancies, General** is amended so that Exception No. 2 reads as follows:

EXCEPTIONS:

...

2. A manual fire alarm system is not required when the 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.

38. **Section 1007.2.9.1.4 Heat detectors** is amended to read as follows:

1007.2.9.1.4 Heat detectors. Heat detectors shall only be installed in areas where the installation of smoke detectors may not be appropriate due to the high probability of nuisance alarms or to environmental conditions. Heat detectors may not be utilized where smoke detectors are required for smoke management systems.

39. **Section 1007.2.9.1.6 Single-station smoke detectors** is amended by adding a new third paragraph to read as follows:

All smoke detectors in dwelling units shall be interconnected, so that operation of any smoke detector shall cause the alarm in all smoke detectors within the dwelling to sound, as required by Section 2-2.2.1 of NFPA 72, 1996 Edition.

40. **Section 1007.2.12.2.1 General** is amended to read as follows:

1007.2.12.2.1 General Group A, all divisions; Group B; Group E, all divisions; Group I, all divisions; Group M; and Group R, Division 1 buildings, each having floors used for human occupancy located more than 55 feet above the lowest level of Fire Department vehicle access, shall be provided with an automatic fire alarm system and a communication system in accordance with Section 1007.2.12.2.

41. **Section 1007.2.12.2.3 Emergency voice alarm-signaling system** is amended to read as follows:

1007.2.12.2.3 Emergency voice alarm-signaling system. The operation of any automatic fire detector, sprinkler or water-flow device shall automatically sound an alert tone followed by voice instructions giving appropriate information and directions on a general or selective basis to the following terminal areas:

1. Elevators
2. Elevator lobbies
3. Corridors
4. Exit stairways
5. Rooms and tenant spaces exceeding 1,000 square feet in area
6. Dwelling units in apartment houses
7. Hotel guest rooms and/or suites, and
8. Areas of refuge (as defined in the Building Code).

EXCEPTION: In elevators and stairwells, the signaling system shall not be activated automatically, but shall require manual activation.

42. **Section 1007.3.3.1 Manual fire alarm boxes** is amended by deleting the second paragraph and substituting therefor the following:

Manual fire alarm systems which are not connected to an approved supervising station shall provide approved signs directly below the horn and strobe located on the exterior and adjacent to each manual pull station of the building. Each sign shall read WHEN ALARM SOUNDS - CALL 9-1-1. The sign below the horn and strobe shall be of durable material with permanent lettering having a 2" minimum height on a contrasting background. The sign adjacent to each manual pull station shall be of durable material with permanent lettering having a ¼" minimum height on a contrasting background.

43. **Section 1007.3.3.3.3 Audibility** is amended by adding a new sentence to read as follows:

The minimum sound level for alarm signals shall be 80 decibels for all Occupancies other than Group I and Group R, Division 3 Occupancies.

44. **Section 1007.3.3.6.1 General** is amended to read as follows:

1007.3.3.6.1 General. All automatic alarm systems shall be monitored by an approved supervising station (central, proprietary or remote) or a local alarm which gives audible and visual signals at an approved constantly attended location.

In occupancies provided with a fire alarm system, the following four (4) distinctly different alarm signals shall be transmitted to an approved supervising station:

1. Water Flow Alarm, if provided with a fire sprinkler system
2. Fire Alarm
3. Valve Tamper Alarm, if provided with a fire sprinkler system
4. System Trouble

The supervising station shall retransmit alarms to the Fire Department only the following

three (3) distinctly different alarms.

1. Water Flow Alarm, if provided with a fire sprinkler system
2. Fire Alarm
3. Valve Tamper Alarm, if provided with a fire sprinkler system

45. A new **Section 1007.3.3.6.3 Supervising station requirements** is added to read as follows:

1007.3.3.6.3 Supervising station requirements. Supervising stations shall process and notify the Fire Department Dispatch Center within 270 seconds (4½ minutes) after initiation of a fire alarm device.

EXCEPTIONS:

1. Group R, Division 3 Occupancies
2. Positive alarm sequence

Supervising stations shall not transfer accounts to any other location without notification to the fire department. Notification must be received in writing within 30 days of transfer.

In the event a monitoring contract is canceled or not renewed, the Fire Department shall be notified in writing within 24 hours.

Supervising stations shall not provide emergency notification service for a subscriber until final acceptance and approval is granted by the Fire Department

46. A new **Section 1007.3.3 Duct detector annunciation** is added to read as follows:

1007.3.3.8 Duct detector annunciation. In buildings provided with a fire alarm system, the smoke detector(s) installed in air handlers shall be connected to the fire alarm control panel. In buildings without a fire alarm system, activation of the air handler smoke detector(s) shall cause annunciation of an audible/visual signal in a normally occupied area. The smoke detector trouble conditions shall be identified as air duct detector trouble in accordance with NFPA 90 A, 1996 Edition. In multi-tenant facilities, a single audible/visual device shall be installed in each of the individual tenant spaces.

47. A new **Section 1007.3.5 Minimum service requirements** is added to read as follows:

1007.3.5 Minimum service requirements. All fire alarm systems shall be tested and inspected in accordance with nationally recognized standards and the State of Nevada Fire Marshal's Regulations. The alarm contractor shall also provide proof of a license to do business within the City of Las Vegas. A maintenance contract from an approved fire alarm company is required.

Inspection reports shall be kept on-site and shall be readily available to the inspection authority. A copy of said inspection shall be mailed within 48 hours to the Fire Prevention Division only when any deficiency of the system or violation of the Fire Code is noted.

Prior to service or testing of any equipment, the Fire Department's Dispatch Center shall be notified of the location of the test and the approximate time the equipment will be inoperable. Upon the completion of the test and inspection, the Fire Department Dispatch Center shall be notified that the system is operable.

In the event a service/maintenance contract is canceled or not renewed, the Fire Department shall be notified in writing by the service company within 24 hours.

48. A new **Section 1102.6 Outdoor cooking and cooking equipment storage** is added to read as follows:

1102.6 Outdoor cooking and cooking equipment storage. Outdoor cooking at apartment, condominium and other residential occupancies with portable barbecuing equipment is prohibited within 10 feet of any overhang, balcony or opening.

The storage of LPG fueled barbecues and equipment is prohibited above the first story and within 5 feet of any exterior building wall.

EXCEPTIONS:

1. Electric Barbecues
2. Group R, Division 3 Occupancies

Adult supervision is required at all times while the barbecue is generating heat.

49. A new **Section 1302.4 Nuisance alarms** is added to read as follows:

1302.4 Nuisance alarms. Nuisance alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner.

50. A new **Section 1302.5 Phones in tunnels** is added to read as follows:

1302.5 Phones in tunnels. Tunnels in excess of 300 feet shall be provided with approved 2-way communication devices located at intervals of 300 feet.

51. A new **Section 2403.5.4 Fire alarms** is added to read as follows:

2403.5.4 Fire alarms. 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.

52. A new **Article 31 FIREWOOD SALES & STORAGE YARDS** is added to read as follows:

3101 Scope. Firewood sales & storage yards shall be in accordance with this Article 31.

3102 Permits. For a permit to store firewood in excess of 50 cords, see Section 105.8 of the UFC.

3103 Access roads. Fire apparatus access roadways shall be provided to within 150 feet of all portions of the yard in accordance with Section 902 of the UFC.

3104 Storage. Firewood shall be piled with due regard to stability of the piles and in no case higher than 10 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 5 feet.

3104.1 Width. 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.

3104.2 Fence. Permanent firewood storage, operating under a permit, shall be surrounded with an approved fence at least 6 feet high.

3105 Smoking and open flame

3105.1 Burning of any type is prohibited.

3105.2 Smoking shall be prohibited except in areas or structures designated by the Fire Department. "NO SMOKING" signs shall be posted on exterior of all structures and erected at driveways edges.

3106 Housekeeping

3106.1 Weeds shall be kept down throughout 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.

3106.2 Debris such as sawdust, chips and bark shall be removed regularly. Proper housekeeping shall be maintained at all times.

3107 Fire extinguishing appliances

3107.1 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 903.

3107.2 Portable fire extinguisher(s) shall be provided at approved locations.

53. Section 3204 Use period is amended to read as follows:

3204.1 Use period. The duration of intended use must be declared at the time of application for permit.

3204.2 Use period of 180 days or less. Temporary membrane structures, tents and canopies shall be used for a period of not more than 180 days within a 12-month period on a single premises.

3204.3 Use period of greater than 180 days. A permit may be issued for more than a 180 day period when all of the following are provided:

1. Applicant shall state in advance the exact amount of time needed, but not exceed an additional 180 day period.
2. The structure shall be equipped with a sprinkler system designed to meet Light Hazard Occupancy requirement as defined by NFPA 13, 1996 Edition.
3. A public address system shall be provided and include a master microphone for fire department use at an approved location.
4. Grandstands, bleachers, chairs and other type seating must be constructed of fire-resistive material. The entire space under the seating area must be fully enclosed with fire-resistive material and shall not be used for storage or any other purpose.
5. Standby personnel shall be provided for the exterior and interior of the structure as outlined in UFC Section 2501.18. In addition, radio communication shall be maintained between standby personnel and an approved central control point.
6. For assembly uses see Article 25.

54. A new Section 3206.3 Structures exceeding the 180 day use period is added to read as follows:

3206.3 Structures exceeding the 180 day use period. Structural stability shall be designed to withstand 85 mph wind load. Structural plans, calculations and quality assurance agency contracts must be submitted to the Building Department for approval. The Building Department shall review all quality assurance agency inspection records and provide comments to the Fire Department. All electrical, mechanical and plumbing installations are required to be permitted and inspected by the Building Department.

55. A new **Section 4501.3.1 Permit for spray booths** is added to read as follows:

4501.3.1 Permit for spray booths. A permit is required for the construction and/or installation of a spray booth designed for utilizing flammable or combustible liquids, or the application of combustible powders regulated by Article 45.

56. A new **Section 4502.2.11 Location prohibited** is added to read as follows:

4502.2.11 Location prohibited. Spray booth(s) designed for utilizing flammable or combustible liquids, or the application of combustible powders regulated by Article 45 shall not be located outside of buildings.

57. **Section 4901.1 Scope** is amended by adding a new second exception to read as follows:

EXCEPTION 2: Group R-3 and U Occupancies

58. **Section 7404.2.1.1 General** is amended to read as follows:

7404.2.1.1 General. Medical gases shall be stored as specified in the 1997 Uniform Building Code, Section 410.

Medical gases shall be stored in areas dedicated to the storage of such gases without other storage or uses.

59. A new **Section 7404.2.4 Testing** is added to read as follows:

7404.2.4 Testing. All medical gas systems shall 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 Division.

60. **Section 7701.7.1 Manufacturing** is amended to read as follows:

7701.7.1 Manufacturing. Explosive materials shall not be manufactured within the City of Las Vegas for wholesale or retail sale.

61. **Section 7701.7.2 Limits established by law** is amended as follows:

7701.7.2 Limits established by law. Explosive materials shall be stored only in areas zoned and approved for such use and shall be subject to approval by the Fire Prevention Division.

62. A new **Section 7801.3.3 Permits for sale and storage** is added to read as follows:

7801.3.3 Permits for sale and storage. A permit is required for the sale and storage of all fireworks.

63. **Section 7802.3 Fireworks** is amended by adding an Exception No. 3 as follows:

EXCEPTION 3: The sale, storage and use of Fireworks 1.4G (Class C) when in accordance with the Southern Nevada Fire Prevention Association's Approved Guidelines for Fireworks.

64. **Section 7901.7.1 General** is amended to delete Exception No. 2.

65. **Section 7902.1.7.2.3 Underground tanks out of service for one year** is amended to read as follows:

Underground tanks that have been out of service for a period of one (1) year shall be removed from the ground in accordance with Section 7902.1.7.4 and the Environmental Health Division of Clark County Health District and the site shall be restored in a manner acceptable to the City and the Health District..

66. **Section 7902.2.2.1 Locations where aboveground tanks are prohibited** is amended to read as follows:

7902.2.2.1 Locations where aboveground tanks are prohibited Storage of Class I and II liquids in aboveground tanks outside of buildings is prohibited within the City.

EXCEPTIONS:

1. Areas zoned industrial and subject to approval of the Chief.
2. "Protected Tanks" in accordance with the provisions of Section 7902.1.9.5.
3. Aboveground generator storage tanks when installed in accordance with Southern Nevada Fire Prevention Association's Approved Guidelines.

67. **Section 7904.2.5.5.1 General** is amended to read as follows:

Tanks shall be provided with top openings only.

68. **Section 7904.2.5.5.3 Tanks for gravity discharge** is deleted.
69. **Section 7904.2.8.1 General** is amended by adding at the beginning thereof a new first paragraph to read as follows:

Dispensing liquids from tank vehicles and tank cars into the fuel tanks of motor vehicles shall be prohibited unless allowed by Section 7904.5.4 and conducted in accordance with Section 7904.2.8.

70. A new **Section 7904.5.4.7 Flammable and combustible liquids, mobile fueling of vehicles at commercial sites** is added as follows:

7904.5.4.7 Flammable and combustible liquids, mobile fueling of vehicles at commercial sites. Transfer of liquids from tank vehicles to motor vehicles for commercial use on sites zoned or otherwise approved for the parking, storage or use of vehicles or fleets of vehicles may be permitted by the Fire Department. Permits shall be obtained as required by UFC Section 105.8(f.3.)(5).

Dispensing from tank vehicles shall be in accordance with Article 79, Section 7904.2.8 and the following:

1. Dispensing may only occur at sites which have been permitted to conduct mobile fueling.
2. The dispensing nozzle will not pump unless it is in proper contact with the fuel opening of the motor vehicle to be filled.
3. Persons responsible for dispensing operations shall be familiar with the appropriate mitigating actions necessary in the event of a fire, leak or spill.
4. Absorbent materials and an approved container shall be provided to mitigate a minimum 5 gallon fuel spill.
5. A fire extinguisher with a minimum rating of 40BC shall be provided on the vehicle with signage clearly indicating its location.
6. Dispensing shall not occur within three (3) feet of a sanitary sewer or utility manhole cover or storm drain.

71. **Section 8001.5.1 General** is amended to delete the Exception.

72. A new **Section 8004.5 Parking of vehicles** is added to read as follows:

8004.5 Parking of vehicles. Parking of vehicles displaying hazardous materials placards shall be in accordance with the provisions of Section 7904.6.5.

EXCEPTION: In cases of accident, breakdown or other emergencies, vehicles are allowed to be parked and left unattended at any location while the operator is obtaining assistance.

73. **Section 8102.9.1 Small hose stations** is amended to read as follows:

8102.9.1 Small hose stations. When hose valves and stations are required by Table 81-A, approved 2½ inch hose valves, 2½ inch piping and 1½ inch adapters with caps shall be provided at approved locations. When required by the Chief, hose, nozzles, hose racks, and cabinets or covers shall be provided.

74. **Section 8212.9 Storage within buildings accessible to the public** is amended to add a second paragraph to read as follows:

When 2½ pound cylinders are in use as fuel for self-contained torches, the storage of spare LP-gas cylinders is limited to 2 cylinders.

75. **Section 8506.2.3 Power supply** is amended to read as follows:

8506.2.3 Power supply. Extension cords shall be plugged directly into an approved receptacle or power tap and shall serve only one (1) portable appliance.

76. **Section 8507 - MULTIPLUG ADAPTERS** is amended to read as follows:

Multiplug adapters, such as multiplug extension cords and cube adapters, shall not be used.

EXCEPTION: Group R, Division 3 Occupancies

77. A new **Section 9004 ADDITIONAL NFPA STANDARDS** is added to read as follows:

SECTION 9004 - NFPA Standards.

The National Fire Protection Association (NFPA) Standards referenced in this section are declared to be part of this code as if set forth in full herein.

NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS

NFPA 10; Standard for Portable Fire Extinguishers, 1998 Edition

NFPA 12; Carbon Dioxide Extinguishing Systems, 1998 Edition

NFPA 12A; Halon 1301 Fire Extinguishing Systems, 1997 Edition

NFPA 13; Installation of Sprinkler Systems, 1996 Edition

NFPA 13D; Installation of Sprinkler Systems in One- and two-family Dwellings and Mobile Homes, 1996 Edition

NFPA 13R; Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, 1996 Edition

NFPA 14; Installation of Standpipe and Hose Systems, 1996 Edition

NFPA 17; Dry Chemical Extinguishing Systems, 1998 Edition

NFPA 17A; Wet Chemical Extinguishing Systems, 1998 Edition

NFPA 20; Installation of Centrifugal Fire Pumps, 1996 Edition

NFPA 22; Water Tanks for Private Fire Protection, 1996 Edition

NFPA 24; Installation of Private Fire Service Mains and Their Appurtenances, 1995 Edition

NFPA 25; Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 1998 Edition

NFPA 72; National Fire Alarm Code, 1996 Edition

NFPA 90A; Installation of Air Conditioning and Ventilating Systems, 1996 Edition

NFPA 90B; Installation of Warm Air Heating and Air Conditioning Systems, 1996 Edition

NFPA 92A; Smoke Control Systems, 1996 Edition

NFPA 92B; Smoke Management Systems in Malls, Atria, Large Areas, 1995 Edition

NFPA 96; Ventilation Control and Fire Protection of Commercial Cooking Operations, 1994 Edition

NFPA 99C; Standard on Gas and Vacuum Systems, 1996 Edition

NFPA 110; Emergency and Standby Power Systems, 1996 Edition

NFPA 231; General Storage, 1995 Edition

NFPA 231C; Rack Storage of Materials, 1995 Edition

NFPA 231D; Storage of Rubber Tires, 1994 Edition

NFPA 231F; Storage of Rolled Paper, 1996 Edition

NFPA 1123; Outdoor Display of Fireworks, 1995 Edition

NFPA 1126; Use of Pyrotechnics Before a Proximate Audience, 1996 Edition

NFPA 2001; Clean Agent Fire Extinguishing Systems, 1996 Edition

78. **NFPA Standard 13, 1996 Edition**, as adopted in Section 9004, is amended as set forth below:

Section 1-4.2 General Definitions is amended by amending the definition of “Small Rooms” to read as follows:

Small Rooms: Rooms of Light Hazard Occupancy classification having unobstructed construction and floor areas not exceeding 800 sq. ft. (74.3 m²) (See 1-4.7.1). Small rooms shall be enclosed by walls and a ceiling.

Section 2-3.1 is amended by adding a new last sentence, so that the section reads as follows:

2-3.1 Pipe or tube used in sprinkler systems shall meet or exceed one of the standards in Table 2-3.1 or be in accordance with 2-3.5. In addition, steel pipe must be in accordance with 2-3.2 and 2-3.3, copper tube must be in accordance with 2-3.4, and nonmetallic pipe must be in accordance with 2-3.5 and with the portions of the ASTM standards specified in Table 2-3.5 that apply to fire protection service. Pipe or tube shall have a minimum Corrosion Resistant Ratio (CRR) of one (1) or greater.

Section 2-6.3.1 is amended to read as follows:

2-6.3.1 Welding studs and the tools used for installing these devices shall be listed. Piping size, installation position, and construction material into which they are installed shall be accordance with individual listings.

Section 2-6.3.2 is amended to read as follows:

2-6.3.2 Powder-driven fasteners shall not be used.

EXCEPTION: Branch lines less than or equal to two (2) inches in diameter, installed in concrete with a minimum strength of 3,000 PSI.

Section 2-6.3.3 is repealed in its entirety.

Section 2-6.3.4 is amended to read as follows:

2-6.3.4 Increaser couplings shall be attached directly to the welding studs.

Section 3-2.2 Upright Sprinklers is amended by deleting Exception No. 3 in its entirety.

Section 3-3.2.4 Upright Sprinklers is amended by deleting Exception No. 3 in its entirety.

Section 3-4.1.4 Upright Sprinklers is amended by deleting Exception No. 3 in its entirety.

A new **Section 3-5.1.1** is added to read as follows:

3-5.1.1 Size. An anti-freeze system shall not exceed a total system capacity of 40 gallons.

Section 3-9.3 is amended by deleting Exception No. 2 in its entirety.

Section 4-13.1.1 is amended by deleting Exception Nos. 8 and 9 in their entirety.

Section 4-13.5 is amended to read as follows:

4-13.5 Elevator Hoistways, Escalators and Machine Rooms is amended by deleting the Exception.

Section 4-13.5.3 is amended as follows:

4-13.5.3 Upright or pendent spray sprinklers shall be installed at the top of elevator hoistways and under escalators.

EXCEPTION: Deleted

Section 4-13.8.1 is amended to read as follows:

4-13.8.1 Sprinklers are required in bathrooms.

EXCEPTION: Sprinklers are not required when construction, fixtures and furnishings are noncombustible.

Section 4-13.8.2 is deleted in its entirety.

Section 4-13.10 Electrical Equipment is amended by deleting the Exception in its entirety.

Section 4-13.18.2 is amended by deleting Exception No. 2 in its entirety.

Section 4-14.1.1.1 is amended to read as follows:

4-14.1.1.1 Each system shall be provided with a listed indicating valve in an accessible location, so located as to control all automatic sources of water supply. Separate control valves shall be provided for every floor or portion thereof and every tenant space in covered mall buildings.

Section 4-14.4.3.5.17 is amended by deleting the Exception in its entirety.

Section 4-15.2.2 Size is amended by deleting Exception No. 2 in its entirety.

Section 4-15.4.2 Wet Pipe Systems is amended to read as follows:

4-15.4.2 Wet Pipe Systems. An alarm test connection not less than 1-inch in diameter, terminating in a smooth bore corrosion-resistant orifice, giving a flow equivalent to one (1) sprinkler of a type having the smallest orifice installed on the particular system, shall be provided to test each waterflow alarm device for each system. The test connection valve shall be piped from the most hydraulically demanding area and shall be readily accessible.

The discharge shall be to the outside, to a drain connection capable of accepting full flow under system pressure, or to another location where water damage will not result.

EXCEPTION: The test connection may be piped from another less remote location with written approval from the Authority Having Jurisdiction

Section 5-2.3.1.3 is amended by deleting Exception No. 3 to subsection (b) and by revising Exception No. 2 to subsection (b) to read as follows:

EXCEPTION NO. 2: Light or Ordinary Hazard Occupancies where noncombustible ceilings are directly attached to the bottom of solid wood joists so as to create enclosed joist spaces 160 cu ft (4.8m³) or less in volume

Section 5-3.2.2 is deleted in its entirety.

A new **Section 6-4.4.9** is added to read as follows:

6-4.4.9 Maximum Velocity. The maximum velocity limit for use in hydraulic calculations is 32 feet per second (6.1 m/sec).

Section 7-2.2.1 Acceptability is amended to read as follows:

7-2.2.1 Acceptability. Automatically controlled fire pump(s) installed in accordance with NFPA 20, 1996 Edition, Standard for the Installation of Centrifugal Fire Pumps, shall be an acceptable water supply source.

Section 8-2.2.1 is amended by revising Exception Nos. 3 and 4 to read as follows:

EXCEPTION NO. 3: When an addition or modifications is made to an existing system, the new installation shall be isolated and tested at 200 PSI (13.8 bars) and shall maintain that pressure without loss for 2 hours.

EXCEPTION NO. 4: Modifications of 10 heads or less do not require testing in excess of normal static pressure.

Section 8-2.4.1 is amended to read as follows:

8-2.4.1. Waterflow detecting devices including the associated alarm circuits shall be flow tested through the inspector's test connection and shall result in a audible alarm on the premises within one (1) minute after such flows begins and until such flow stops. See specific requirements for dry systems.

79. Appendix III-A, Section 5.2. is amended so that the Exception reads as follows:

EXCEPTION: When a building(s) is provided with an approved automatic sprinkler system throughout, a reduction in the required fire flow of 50% is permitted, subject to the following additional limitations:

1. A reduction of no more than 25% is permitted in buildings:
 - a. With floors used for human occupancy more than three (3) stories in height or more than 55 feet above the lowest level of fire apparatus access;
 - b. Containing high-piled combustible storage;
 - c. Containing flammable/combustible liquids in excess of the exempt amounts listed in Tables 7902.5-A, 7902.5-B or 7903.2-B; or
 - d. Containing hazardous materials in excess of the exempt amounts listed in Section 8001.15.2 or in Tables 8001.15-A or 8001.15-B.
2. The resulting fire flow for any building shall not be less than 1,500

gallons per minute.

80. **Appendix III-B FIRE HYDRANTS LOCATIONS AND DISTRIBUTION** is amended to read as follows:

Section 1. Scope

Fire hydrants shall be provided in accordance with this Appendix III-B for the protection of buildings or portions of buildings, or facilities hereafter constructed.

Section 2. Plans

Water main/hydrant plans drawn to scale are to be submitted to the Fire Prevention Division for approval prior to the installation of fire hydrants. Plans must include the information contained in the Fire Prevention Division's Guidelines for Fire Hydrant Location and Distribution.

Section 3. Fire Hydrant Distribution

The number and spacing of fire hydrants shall meet the approval of the Chief. Fire hydrants shall be located adjacent to and accessible from fire apparatus access roads. Fire hydrants shall be spaced along fire apparatus access roads as follows:

1. The spacing of fire hydrants shall normally start by placing fire hydrants at all intersections.
2. In all residential areas, hydrants will be spaced not to exceed 500 feet, or 1,000 feet if protected by an approved automatic fire sprinkler system.
3. In all commercial and industrial areas hydrants will be spaced not to exceed 300 feet, or 600 feet if protected by an approved automatic fire sprinkler system.
4. The maximum distance from a Group R, Division 3 Occupancy to a fire hydrant shall not be more than 300 feet, as measured from an approved point on a street or road frontage to a fire hydrant. An approved point is measured from the property line furthest from the hydrant, at a right angle to the street.
5. The maximum distance from a hydrant to the end of a dead-end street shall not exceed 200 feet.
6. The maximum distance from a fire hydrant to a fire department sprinkler connection and/or a standpipe connection shall be 100 feet, measured by an approved route.

7. The required fire flow and spacing requirements for fire hydrants are both utilized to determine the number of fire hydrants to be installed, based on a maximum of 1,500 gallons per minute per fire hydrant.
8. A fire hydrant on an adjacent parcel shall not be considered adequate to serve a parcel unless fire apparatus access roads extend between the parcels and easements are established to prevent obstruction of such roads and fire hydrants, and a written contractual agreement exists.
9. Where streets are provided with median dividers or arterial streets are provided with four (4) or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, the Chief may require hydrants to be spaced an average of 1,000 feet on each side of the street and be arranged at feet on an alternating basis. When a street has a high degree of traffic volume, all hydrants being utilized to deliver fire flow to the proposed development must be located on the same side of the street as the proposed development. Streets with high traffic volume are usually defined as Section and half section line streets, streets with four (4) or more travel lanes and federal or state highways regardless of the number of travel lanes.
10. Where new water mains are extended along streets or new streets are installed where hydrants are not needed for protection of structures or other fire problems, the Chief may require hydrants at not less than 1,000 feet spacing and at all intersections in order to provide for transportation hazards.
11. For looped water main systems, an approved sectional control valve shall be installed after every two (2) hydrants on a water system. No more than two (2) hydrants are allowed to be out of service, due to a break in a water main.
12. For any project or facility where there are four (4) or more fire hydrants/sprinkler leads-ins, two (2) sources of supply are required.

Section 4. Fire Hydrant Installation Specifications

At any building construction site, accessible fire hydrants shall be installed and shall be approved for use before combustible materials are delivered to the site and construction commences. Fire hydrant installation specifications shall be in accordance with the Fire Prevention Division's Guidelines for Fire Hydrant Installation and Specifications.

Section 5. Fire Hydrant Specifications

Fire hydrants shall conform to the 1994 Edition of the American Water Works Association's Standard, C502, entitled "Standard for Dry-Barrel Fire Hydrant." All fire hydrants shall comply with the specifications of the Fire Prevention Division's Guidelines for Fire Hydrant

Installation and Specifications. All private fire hydrants shall be painted red. To identify the fire hydrant location, a blue reflective marker shall be installed at the center line of the street adjacent to the fire hydrant.

1 Bill No. 98-77

2 Ordinance No. ____

3 AN ORDINANCE UPDATING THE FIRE CODE FOR THE CITY OF LAS VEGAS; AMENDING
4 TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS
5 VEGAS, NEVADA, 1983 EDITION, BY REPEALING THE 1994 EDITION OF THE UNIFORM
6 FIRE CODE AND THE SUPPLEMENTAL DOCUMENT PERTAINING THERETO, AND
7 ADOPTING IN LIEU THEREOF THE 1997 EDITION OF THE UNIFORM FIRE CODE,
8 TOGETHER WITH THE 1998 SUPPLEMENT TO THE UNIFORM FIRE CODE AND A NEW
9 SUPPLEMENTAL DOCUMENT, ENTITLED, TO-WIT: "A SUPPLEMENTAL DOCUMENT
10 AMENDING THE UNIFORM FIRE CODE, 1997 EDITION"; PROVIDING FOR OTHER
11 MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE
12 VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES
13 IN CONFLICT HEREWITH.

9 Sponsored By:
10 Councilman Arnie Adamsen

Summary: Adopts the 1997 Edition of the
Uniform Fire Code, the 1998 Supplement to
the Uniform Fire Code, and a Supplemental
Document providing for various deletions and
additions to the Uniform Fire Code.

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

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

16 **16.16.010:** Those certain documents, three copies of which are on file in the office of the City
17 Clerk, that are marked and designated as follows are hereby adopted by reference as [Part I and II]
18 Parts I, II and III of the Fire Code of the City[:] and of this Chapter:

19 (A) As Part I of this Chapter, Volumes 1 and 2 of the Uniform Fire Code, [1994]
20 1997 Edition, together with the following appendices contained therein, to wit: I-C Stairway
21 Identification; [II-A Suppression and Control of Hazardous Fire Areas] II-B Protection of Flammable
22 and Combustible Liquid Tanks in Locations Subject to Flooding; II-C Marinas; II-D Rifle Ranges;
23 II-E Hazardous Materials Management Plans and Hazardous Materials Inventory Statements; [II-F
24 Protected Aboveground Tanks for Motor Vehicle Fuel-dispensing Stations Outside Buildings] II-G
25 Secondary Containment for Underground Tank Systems Containing Flammable or Combustible
26 Liquids; II-H Site Assessments for Determining Potential Fire and Explosion Risks from Underground
27 Flammable or Combustible Liquid Tank Leaks; II-I Ozone Gas-Generating Equipment; II-J Storage
28 of Flammable and Combustible Liquids in Tanks Located within Below-Grade Vaults; III-A Fire-flow

1 Requirements for Buildings; III-B Fire Hydrant Locations and Distribution; [IV-A Interior Floor
2 Finish; IV-B Christmas Trees; V-A Nationally Recognized Standards of Good Practice] VI-A
3 Hazardous Materials Classifications; VI-B [Emergency Relief Venting for Fire Exposure for
4 Aboveground Tanks] Hazard Ranking; VI-C Emergency Relief Venting for Fire Exposure for
5 Aboveground Tanks; [VI-D] VI-E Reference Tables from the Uniform Building Code; and [VI-E] VI-
6 F Recommended Separation Distances for Explosive Materials; [and]

7 (B) As Part II of this Chapter, the 1998 Supplement to the Uniform Fire Code
8 including its Appendix, but excluding its reference to any appendix not adopted by this Ordinance and
9 excluding the proposed Appendices VI-B and VI-E to the Uniform Fire Code; and

10 (C) As Part III of this Chapter, a supplemental document, amending, modifying,
11 adding to and deleting certain provisions of the Uniform Fire Code, [1994] 1997 Edition.

12 [(C)] (D) If a conflict exists between any provision of the Uniform Fire Code, [1994]
13 1997 Edition, and any other code or ordinance adopted by the City, the more stringent requirement
14 providing the greatest safety from fire shall prevail.

15 SECTION 2: The 1994 Edition of the Uniform Fire Code and the Supplemental
16 Document pertaining thereto are hereby repealed in their entirety.

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

25 SECTION 4: Whenever in this ordinance any act is prohibited or is made or declared
26 to be unlawful or an offense or a misdemeanor, or whenever in this ordinance the doing of any act is
27 required or the failure to do any act is made or declared to be unlawful or an offense or a
28 misdemeanor, the doing of such prohibited act or the failure to do any such required act shall

1 The above and foregoing ordinance was first proposed and read by title to the City Council on the
2 ____ day of _____, 1998, and referred to the following committee composed of
3 _____ and _____ for recommendation;
4 thereafter the said committee reported favorably on said ordinance on the ____ day of
5 _____, 1998, which was a _____ meeting of said Council; that at said
6 _____ meeting, the proposed ordinance was read by title to the City Council
7 as first introduced and adopted by the following vote:

8 VOTING "AYE": _____

9 VOTING "NAY": _____

10 ABSENT: _____

11 APPROVED:

12
13 By _____
JAN LAVERTY JONES, Mayor

14 ATTEST:

15
16 _____
BARBARA JO RONEMUS, City Clerk

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A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION

Certain parts, articles, divisions, sections and subsections of Volume 1 of the Uniform Fire Code, 1997 Edition, are hereby amended or 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, 1997 Edition, or the Uniform Building Code, 1997 Edition, as either has been adopted and modified by the City, the provision of this Supplemental Document shall prevail.

1. Section **103.1.4 Appeals** is deleted.

2. A new **Section 103.3.5 Fees** is added to read as follows:

Section 103.3.5 Fees. Fees for permits, inspections and other sources shall be as set forth in the Permit and Service Fee Schedule, as adopted and amended from time to time by the City Council.

3. **Section 103.4.1.1 General** is amended to read as follows:

103.4.1.1 General. When the Chief finds in any building or on any premises combustible, hazardous or explosive materials or dangerous accumulations of rubbish; or finds unnecessary accumulations of wastepaper, boxes, shavings or any highly flammable materials which are so situated as to endanger life or property; or finds obstructions to or on fire escapes, stairs, passageways, doors or windows that reasonably tend to interfere with the operations of the Fire Department or the egress of the occupants of such buildings or premises; or finds that the effectiveness of any exit door, attic separation or any fire separation wall is reduced; or finds that this code is being violated, the Chief is authorized to issue orders as necessary for the enforcement of the fire prevention laws and ordinances governing the same and for the safeguarding of life and property.

4. **Section 103.4.1.3 Stopping uses, evacuation** is amended to read as follows:

103.4.1.3 Stopping uses, evacuation. The Chief is authorized to order an operation or use stopped or the evacuation of any premises, building or vehicle or portion thereof which has or is a fire hazard, hazard to life, property or the environment.

5. **Section 105.6 Permits for the same location** is amended by numbering the existing text as subsection 1 and adding a new subsection 2 to read as follows:

105.6.2. Other required permits. The requirements for permits from other agencies or departments shall not eliminate or waive the requirement for any permit under 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.

6. **Section 105.8 Permit required** is amended by adding five new subsections to read as follows:

g.1. Gates. To install or alter a gate(s) or gate operator(s) which obstructs a fire apparatus access road.

x.1 Fire extinguishing system(s) and equipment. To install, extend, or alter fire extinguishing system(s) and equipment.

x.2 Alarm system(s), equipment, and monitoring. To install, extend, or alter smoke control system(s) and equipment.

x.3 Smoke control system(s) and equipment. To install, extend, or alter smoke control system(s) and equipment.

x.4 Spray booths. To install, extend, or alter spray booth(s) and equipment.

7. **SECTION 207 - F** is amended to include the following definitions:

FALSE ALARM is the activation or reporting of an alarm for which no such alarm condition, fire or emergency actually exists.

FIRE LANES are Fire Apparatus Access Roads per UFC Article 9, Sections 901 and 902, which are designated by the Fire Department as those areas located on public or private property which are required to be marked per Section 901.4.2.

FIREWOOD SALES & STORAGE OF WOOD is any lot used for the sale and/or storage of wood.

8. **SECTION 214 - M** is amended to include the following definition:

MINISTORAGE WAREHOUSE is a structure partitioned into areas which are rented or leased by individuals or companies for the purpose of storing personal or business items.

9. **SECTION 215 - N** is amended to include the following definition:

NUISANCE ALARM is any alarm caused by mechanical failure, malfunction, improper installation, or lack of proper maintenance, or any alarm activated by a cause that cannot be determined.

10. **SECTION 220 - S** is amended to include the following definitions:

SMOKE CONTROL, DEDICATED SYSTEM is a system intended for the purpose of smoke control only. It is a separate system of air moving and distribution equipment that does not function under normal building operating conditions. Upon activation, this system operates specifically to perform the smoke-control function.

SMOKE CONTROL, NON-DEDICATED SYSTEM is a smoke control system that shares components with some other system(s) such as the building HVAC system. Activation causes the system to change its mode of operation to achieve the smoke-control objectives.

11. **SECTION 221 - T** is amended to include the following definition:

TUNNEL is any thoroughfare, public way, walk way, or mechanical/electrical service conduit of dimensions to 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.

12. **Section 901.4.2 Fire apparatus access roads** is amended to read as follows:

901.4.2 Fire apparatus access roads. When required by the Chief, approved signs or other approved notices, or both, shall be provided and maintained for fire apparatus access roads to identify such roads and prohibit the obstruction thereof.

Fire apparatus access roads shall be marked by placing approved signs at the start of the designated fire lane, one sign at the end of the fire lane and with signs at intervals of 100 feet along all designated fire lanes. Signs are to be placed on both sides of an access roadway if needed to prevent parking on either side. Signs are to be installed no higher than 10 feet or less than 6 feet from the surface of the roadway. The curb along the roadway, or if a curb is not present, then the edge of the pavement or the roadway, shall be painted with a red weather resistant paint.

13. A new **Section 901.7 Access Gates** is added to read as follows:

Section 901.7 Access Gates

Section 901.7.1 Permit. A Fire Department permit is required to install an electronically controlled access gate(s) which obstructs a Fire Department access road.

Section 901.7.2 General. Fire apparatus access roads which are secured by gates shall comply with the specifications of the Fire Department.

Electronically controlled gates shall be provided with an approved vehicle detector/receiver system in accordance with rules and regulations specified by the Fire Department.

EXCEPTION: When approved by the Chief, an approved vehicle detector/receiver system need not be provided in the case of electronically controlled gates that are manned on a 24-hour basis.

Access gate systems shall be maintained operational at all times. When electronically controlled gates are out of service, they shall be secured in the open position until repairs are complete. Repairs shall be in accordance with original specifications.

When required by the Chief, the installing contractor or the owner of the property shall provide the Fire Department transmitter(s) or approved alternative, without cost to the Fire Department.

The Chief may provide transmitter(s), at no cost to the Fire Department, to local law enforcement agencies and/or an ambulance service for use in emergencies.

Section 901.7.3 Existing facilities. All existing facilities with electronically controlled gates installed across access roads shall be made to comply with Fire Department guidelines. Non-complying gates shall be secured in the open position in a manner approved by the Fire Department.

Section 901.7.4 Plans and specifications. Three sets of plans and specifications for fire apparatus access road gates shall be submitted for review and approval prior to construction. Included in the submittal shall be the following information.

Site plan with north arrow, roadway and gate dimensions.

1. Location of underground roadway detector loop.
2. Manufacturers' specification sheets detailing the voltage, current, radio frequency, power cable and coding for the proposed system.
3. Contractors statement of compatibility with existing installations.
4. Detailed vicinity map.

901.7.5 Operational testing. An operational test shall be requested by the installer and conducted prior to placing the system into operation to establish that the final installation complies with this code, the specified design, and is functioning properly.

14. A new **Section 901.8 Directory required** is added to read as follows:

901.8 Directory required. When required by the Chief, an approved permanent directory for complexes shall be provided in accordance with the fire department guidelines.

15. **Section 902.2.2.1 Dimensions** is amended to read as follows:

902.2.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet provided no parking is allowed, not less than 28 feet if parallel parking is allowed on one side, and not less than 36 feet if parallel parking is allowed on both sides. Vertical clearance shall be not less than 13 feet 6 inches.

Vertical clearances or widths shall be increased when, in the opinion of the Chief, vertical clearances or widths are not adequate to provide fire apparatus access.

16. **Section 902.2.2.2 Surface** is amended to read as follows:

902.2.2.2 Surface. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an approved paved surface so as to provide all-weather driving capabilities.

17. **Section 902.2.2.3 Turning radius** is amended to read as follows:

902.2.2.3 Turning radius. The turning radius of a fire apparatus access road shall be no less than 45 feet outside and 22 feet inside turning radius.

EXCEPTION: When the Chief determines that aerial/ladder fire apparatus access is necessary, the minimum turning radius shall be no less than 52 feet outside and 28 feet inside turning radius.

18. **Section 902.2.2.6 Grade** is amended to read as follows:

902.2.2.6 Grade. The gradient for a fire apparatus access road shall not exceed 12% angles of approach and angles of departure shall not exceed 6% for 25 feet prior to or after the grade change.

19. **Section 903.2 Required Water Supply for Fire Protection** is amended by adding a second paragraph to read as follows:

All hydrants used to calculate the required fire flow shall be within 750 feet of the structure being protected as measured along the approved fire apparatus access road.

EXCEPTION: When the required fire flow is not available for adequate fire protection, an approved automatic sprinkler system may be installed throughout the building(s).

20. **Section 1001.3 Plans** is amended to read as follows:

1001.3 Plans

1001.3.1 General. Complete plans and specifications for alarm systems; fire extinguishing systems, including automatic sprinklers and wet/dry standpipes; halon systems and other special types of automatic fire extinguishing systems; basement pipe inlets; and other fire protection systems and appurtenances thereto shall be submitted to the fire department for review and be approved prior to system installation.

Approved plans shall be kept readily available on the job site.

All high rise buildings, covered mall and atrium buildings, and other major facilities as determined by the Chief, shall have a Fire and Life Safety Package Report submitted to the Fire Prevention Division and approved prior to construction.

1001.3.2 Plans, Alarm System. Complete plans and specifications for alarm systems shall include but not be limited to, a floor plan; location of all alarm-initiating and alarm-signaling devices; alarm control and trouble-signaling equipment; annunciation; power connection; battery calculations; conductor type and sizes; voltage drop calculations; and manufacturer, model numbers and listing information for all equipment, devices and materials.

The maximum allowable voltage drop for a fire alarm circuit shall not exceed 15% of the normal voltage of the fire alarm panel or the power expansion panel.

21. **Section 1001.5.2 Inspection and testing** is amended by adding two new subsections to read as follows:

1001.5.2.1 Private Fire Hydrants. All private fire hydrant systems shall be serviced to the satisfaction of the Fire Department on a yearly basis. Service records shall be kept on-site and shall be readily available to the inspection authority. A copy of said service record shall be mailed within 48 hours, to the Fire Prevention Division when any deficiency of the system or violation of the Fire Code is noted.

1001.5.2.2 Fire Protection Systems. All fire protection systems shall be maintained in accordance with the provisions of the Nevada State Fire Marshal's Office Regulations. A copy of said inspection shall be mailed within 48 hours, to the Fire Prevention Division only when any deficiency of the system or violation of the Fire Code is noted. In the event a service/maintenance contract is canceled or not renewed, the Fire Prevention Division shall be notified by the service company within 24 hours.

22. **Section 1001.5.3.1 Problematic systems and systems out of service** is amended to read

as follows:

1001.5.3.1 Problematic systems and systems out of service. In the event of a failure of a fire protection system or recurring false or nuisance alarm activations, the Chief is authorized to require the building owner or occupant to provide firewatch personnel until the system is repaired.

Such individuals shall be provided with at least one (1) approved means for notification of the Fire Department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

In addition to the requirements listed above, in the case of any two (2) nuisance or false alarms, or combination thereof, within a consecutive sixty (60) day period, the Chief or his designee may issue a warning notice to both the owners of the property and the alarm business responsible for the service and maintenance of the system. This notice shall indicate that any additional nuisance or false alarms within a period of thirty (30) days will be subject to the penalties prescribed in this Code.

23. **Section 1001.5.5 Smoke control systems** is amended to read as follows:

1001.5.5 Smoke control systems. Mechanical smoke control systems, such as those in high-rise buildings, buildings containing atria, covered mall buildings and mechanical ventilation systems utilized in smoke proof enclosures and for smoke-removal systems utilized in high-piled combustible storage occupancies, shall be maintained in an operable condition at all times. A written record shall be maintained and shall be made available to the inspection authority.

The smoke control system shall be tested in accordance with NFPA 92A, 1996 Edition by a qualified company and individuals who have been pre-approved by the Chief. Dedicated smoke control systems shall be tested semiannually. Non-dedicated smoke control systems shall be tested annually. Tests shall also be conducted under standby power, if applicable.

24. A new **Section 1001.11 Central Control Station (Fire Control Room)** is added to read as follows:

1001.11 Central Control Station (Fire Control Room). A Central Control Station shall be provided when required by the Chief or the Building Official. Location, size, accessibility and design of the Central Control Station shall be approved by the fire department.

The Central Control Station room shall be separated from the remainder of the building by not less than a two-hour fire-resistive occupancy separation with a door opening directly to the exterior of the building. The minimum size of the location shall be 150 square feet, with a minimum dimension of 10 feet. When doors to the interior of the building are required,

they shall open into hallways, corridors or exit passageways.

In addition to the items required by any other code, a Central Control Station shall contain the following items:

1. A black board or marker board of a minimum size of three feet (3) by four feet (4) capable of easy erasure, with a marking device and an eraser attached.

Current building plans, approved Fire and Life Safety Package Report, fire emergency preplans for said complex, manufacturer's operational manuals for all systems and a work table of a minimum size of three feet (3) by seven feet (7) capable of holding such plans in an opened position.

2. Flexible cord to all Fire Department communication systems of a sufficient length to reach all panels.
3. Whenever a mechanical smoke control system is installed, an approved annunciator panel containing indicators, controls and graphic annunciation, must be provided in a location acceptable to the Fire Department.

- 25. Section 1003.1.1 General** is amended by adding two new paragraphs to read as follows:

In storage occupancies and areas designated for storage in all other occupancies, the fire-extinguishing system shall be designed and installed with a minimum density for Ordinary Hazard Group 2 Occupancy, per NFPA 13, 1996 Edition, to protect to the available storage height.

Main control valves for the fire-extinguishing systems shall be:

1. Located in a room with a one-hour occupancy separation and an exterior door; or
2. Equipped with exterior indicator posts (wall control valves).

- 26. Section 1003.1.2 Standards** is amended to read as follows:

1003.1.2 Standards. Fire-extinguishing systems shall be in accordance with the applicable NFPA Standards.

EXCEPTIONS:

1. Automatic fire-extinguishing systems not covered by the Building Code shall be approved and installed in accordance with approved standards.
2. Automatic sprinkler systems may be connected to the domestic water-supply

main when approved by the Fire Chief, provided the domestic water supply is of adequate pressure, capacity and sizing for the combined domestic and sprinkler requirements. In such case, the sprinkler system connection shall be made between the public water main or meter and the building shutoff valve, and there shall not be intervening valves or connections. The fire department connection may be omitted when approved by the Fire Chief.

3. **Group R Division 1 Occupancies, two (2) stories or less.** Group R Division 1 Occupancies two (2) stories or less in height may be designed and installed in accordance with the provisions of NFPA 13-R, 1996 Edition.
4. **Group R Division 1 Occupancies, more than two (2) stories.** Group R Division 1 Occupancies more than two (2) stories in height shall be designed and installed in accordance with the provisions of NFPA 13, 1996 Edition.
5. **Water supplies.** Hydraulically calculated fire sprinkler systems shall be designed to ensure the required system pressure is a minimum of ten (10) PSI below the available pressure.
6. **Casinos.** The sprinkler design for Casinos shall be designed for not less than Ordinary Hazard, Group 1 Occupancy per NFPA 13, 1996 Edition.
7. **Shell buildings.** When an automatic sprinkler system is installed in the shell buildings which are built for unknown tenants and/or floor layouts, the sprinkler system shall be designed having a design density of Ordinary Hazard, Group 2 Occupancy, per NFPA 13, 1996 Edition.
8. **Fire Department Connections (FDC) Interconnected.** When required by the Chief, buildings over 55 feet in height or containing three (3) or more fire sprinkler risers shall have Fire Department Connections (FDC) located at two or more locations and they shall be looped in such a manner to allow the Fire Department to support the entire system(s) for the building at any FDC. For purposes of this Section, area separation wall shall not define separate buildings.

27. **Section 1003.2.2** is amended by deleting Paragraph 5 and substituting therefor a new Paragraph 5 and a new Paragraph 6 to read as follows:

5. An automatic sprinkler system shall be installed throughout all buildings with a floor level located 55 feet or more above the lowest level of Fire Department vehicle access or more than 2 stories above grade at any point.

EXCEPTIONS:

1. Airport control towers.
2. Open parking structures which meet the definition in UBC Section 311.9.2.1 and which do not contain mixed occupancies.
3. Group F, Division 2 Occupancies.

6. An automatic sprinkler system shall be installed throughout all buildings 10,000 square feet or greater in total area in which any area 5,000 square feet or greater in total area is not separated by an approved area separation wall.

EXCEPTION: Any open parking structure, which meets the definition in UBC Section 311.9.2.1 and which does not contain mixed occupancies.

28. **Section 1003.2.4.1 General** is amended to read as follows, with the exceptions deleted:

1003.2.3.1 General. An automatic fire sprinkler system shall be installed throughout all buildings with an occupant load of 50 or more containing a Group E, Division 1 or Group E, Division 3 Occupancy.

29. A new **Section 1003.2.10 Group S Occupancies** is added to read as follows:

1003.2.10 Group S Occupancies. An automatic sprinkler system shall be installed in Group S, Division 1, Occupancies greater than 2,500 square feet; and in Group S, Division 2 and 5 Occupancies greater than 5,000 square feet. For purposes of this section, a ministorage warehouse shall be classified as a Group S, Division 1 Occupancy.

30. **Section 1003.3.1 Where required** is amended by deleting the second paragraph and substituting therefor the following:

Valve monitoring, water-flow alarm, and system trouble signals shall be distinctly different and shall be automatically transmitted to an approved supervising station (central, remote, or proprietary) or, when approved by the Chief, shall sound an audible signal at a constantly attended location.

EXCEPTIONS:

1. Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be monitored.
2. Backflow prevention assembly units installed in the approved Las Vegas Valley Water District (LVVWD) enclosures need not to be monitored. The valves and enclosure shall be secured in a manner approved by the Chief.

Occupancies that are not electrically monitored shall provide an approved identification sign below each outside horn and strobe which reads WHEN ALARM SOUNDS - CALL 9-1-1. This sign shall be of durable material with permanent lettering having a 2" minimum height on a contrasting background.

Multistory facilities shall provide zone annunciation on a floor by floor basis. In occupancies provided with a supervised sprinkler system, the following three (3) distinctly different alarm

signals shall be transmitted to an approved supervising station:

1. Water Flow Alarm
2. Valve Tamper Alarm
3. System Trouble

The supervising station shall retransmit to the Fire Department only the following two (2) distinctly different alarms.

1. Water Flow Alarm
2. Valve Tamper Alarm

31. Section 1003.3.2 Alarms is amended to read as follows:

1003.3.2 Alarms. An approved audible and visual notification device shall be provided on the exterior of the building in an approved location. An approved audible and visual sprinkler flow alarm to alert the occupants shall be provided in the interior of the building in a normally occupied location. Multi-tenant facilities shall provide approved audible and visual notification devices within each space. Actuation of the alarm shall be as set forth in the Building Code (See UBC Standard 9-1).

32. Section 1004.1.1 General is amended by adding one new paragraph to read as follows:

When approved by the Chief, hose is not required to be provided by Class II Standpipes or small hose stations.

...
...
...

33. **Table 1004-A Standpipe required systems** is amended by adding a new Item 7 to read as follows:

OCCUPANCY	NONSPRINKLERED BUILDING ¹		SPRINKLERED BUILDING ^{2,3}	
	Standpipe Class	Hose Requirement	Standpipe Class	Hose Requirement
x304.8 for mm x0.0929 for m ²				
7. Groups A; B; E; F-1; M; R-1 & S Occupancies with any floor area greater than 200 foot travel distance from the nearest fire apparatus access road.	III	No	III	No

34. **Section 1006.2.8 Operations and maintenance** is amended so that the fourth paragraph reads as follows:

Fire extinguishing systems shall be serviced at least every six (6) months or after activation of the system. Inspection shall be conducted by personnel licensed by the State of Nevada Fire Marshal's Office, and a Certificate of Inspection shall be kept on-site and shall be readily available to the inspection authority.

35. **Section 1007.2.3 Group B Occupancies** is amended to read as follows:

1007.2.3 Group B Occupancies. An automatic or manual fire alarm system shall be installed in Group B Occupancies, three or more stories but less than 55 feet in height above the lowest level of Fire Department access (See also Section 1007.2.12).

36. A new **Section 1007.2.4.4 Locking of manual fire alarm boxes** is added to read as follows:

1007.2.4.4 Locking of manual fire alarm boxes. When buildings are protected throughout by an approved automatic sprinkler system, manual fire alarm boxes are allowed to be locked utilizing listed institutional style in areas occupied by students, provided that staff members

are present within the subject area and have keys readily available to operate the manual fire alarm boxes.

37. **Section 1007.2.9.1.1 New Group R Occupancies, General** is amended so that Exception No. 2 reads as follows:

EXCEPTIONS:

...

2. A manual fire alarm system is not required when the 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.

38. **Section 1007.2.9.1.4 Heat detectors** is amended to read as follows:

1007.2.9.1.4 Heat detectors. Heat detectors shall only be installed in areas where the installation of smoke detectors may not be appropriate due to the high probability of nuisance alarms or to environmental conditions. Heat detectors may not be utilized where smoke detectors are required for smoke management systems.

39. **Section 1007.2.9.1.6 Single-station smoke detectors** is amended by adding a new third paragraph to read as follows:

All smoke detectors in dwelling units shall be interconnected, so that operation of any smoke detector shall cause the alarm in all smoke detectors within the dwelling to sound, as required by Section 2-2.2.1 of NFPA 72, 1996 Edition.

40. **Section 1007.2.12.2.1 General** is amended to read as follows:

1007.2.12.2.1 General Group A, all divisions; Group B; Group E, all divisions; Group I, all divisions; Group M; and Group R, Division 1 buildings, each having floors used for human occupancy located more than 55 feet above the lowest level of Fire Department vehicle access, shall be provided with an automatic fire alarm system and a communication system in accordance with Section 1007.2.12.2.

41. **Section 1007.2.12.2.3 Emergency voice alarm-signaling system** is amended to read as follows:

1007.2.12.2.3 Emergency voice alarm-signaling system. The operation of any automatic fire detector, sprinkler or water-flow device shall automatically sound an alert tone followed by voice instructions giving appropriate information and directions on a general or selective basis to the following terminal areas:

1. Elevators
2. Elevator lobbies
3. Corridors
4. Exit stairways
5. Rooms and tenant spaces exceeding 1,000 square feet in area
6. Dwelling units in apartment houses
7. Hotel guest rooms and/or suites, and
8. Areas of refuge (as defined in the Building Code).

EXCEPTION: In elevators and stairwells, the signaling system shall not be activated automatically, but shall require manual activation.

42. **Section 1007.3.3.1 Manual fire alarm boxes** is amended by deleting the second paragraph and substituting therefor the following:

Manual fire alarm systems which are not connected to an approved supervising station shall provide approved signs directly below the horn and strobe located on the exterior and adjacent to each manual pull station of the building. Each sign shall read WHEN ALARM SOUNDS - CALL 9-1-1. The sign below the horn and strobe shall be of durable material with permanent lettering having a 2" minimum height on a contrasting background. The sign adjacent to each manual pull station shall be of durable material with permanent lettering having a 3" minimum height on a contrasting background.

43. **Section 1007.3.3.3.3 Audibility** is amended by adding a new sentence to read as follows:

The minimum sound level for alarm signals shall be 80 decibels for all Occupancies other than Group I and Group R, Division 3 Occupancies.

44. **Section 1007.3.3.6.1 General** is amended to read as follows:

1007.3.3.6.1 General. All automatic alarm systems shall be monitored by an approved supervising station (central, proprietary or remote) or a local alarm which gives audible and visual signals at an approved constantly attended location.

In occupancies provided with a fire alarm system, the following four (4) distinctly different alarm signals shall be transmitted to an approved supervising station:

1. Water Flow Alarm, if provided with a fire sprinkler system
2. Fire Alarm
3. Valve Tamper Alarm, if provided with a fire sprinkler system
4. System Trouble

The supervising station shall retransmit alarms to the Fire Department only the following

three (3) distinctly different alarms.

1. Water Flow Alarm, if provided with a fire sprinkler system
2. Fire Alarm
3. Valve Tamper Alarm, if provided with a fire sprinkler system

45. A new **Section 1007.3.3.6.3 Supervising station requirements** is added to read as follows:

1007.3.3.6.3 Supervising station requirements. Supervising stations shall process and notify the Fire Department Dispatch Center within 270 seconds (4½ minutes) after initiation of a fire alarm device.

EXCEPTIONS:

1. Group R, Division 3 Occupancies
2. Positive alarm sequence

Supervising stations shall not transfer accounts to any other location without notification to the fire department. Notification must be received in writing within 30 days of transfer.

In the event a monitoring contract is canceled or not renewed, the Fire Department shall be notified in writing within 24 hours.

Supervising stations shall not provide emergency notification service for a subscriber until final acceptance and approval is granted by the Fire Department

46. A new **Section 1007.3.3 Duct detector annunciation** is added to read as follows:

1007.3.3.8 Duct detector annunciation. In buildings provided with a fire alarm system, the smoke detector(s) installed in air handlers shall be connected to the fire alarm control panel. In buildings without a fire alarm system, activation of the air handler smoke detector(s) shall cause annunciation of an audible/visual signal in a normally occupied area. The smoke detector trouble conditions shall be identified as air duct detector trouble in accordance with NFPA 90 A, 1996 Edition. In multi-tenant facilities, a single audible/visual device shall be installed in each of the individual tenant spaces.

47. A new **Section 1007.3.5 Minimum service requirements** is added to read as follows:

1007.3.5 Minimum service requirements. All fire alarm systems shall be tested and inspected in accordance with nationally recognized standards and the State of Nevada Fire Marshal's Regulations. The alarm contractor shall also provide proof of a license to do business within the City of Las Vegas. A maintenance contract from an approved fire alarm company is required.

Inspection reports shall be kept on-site and shall be readily available to the inspection authority. A copy of said inspection shall be mailed within 48 hours to the Fire Prevention Division only when any deficiency of the system or violation of the Fire Code is noted.

Prior to service or testing of any equipment, the Fire Department's Dispatch Center shall be notified of the location of the test and the approximate time the equipment will be inoperable. Upon the completion of the test and inspection, the Fire Department Dispatch Center shall be notified that the system is operable.

In the event a service/maintenance contract is canceled or not renewed, the Fire Department shall be notified in writing by the service company within 24 hours.

48. A new **Section 1102.6 Outdoor cooking and cooking equipment storage** is added to read as follows:

1102.6 Outdoor cooking and cooking equipment storage. Outdoor cooking at apartment, condominium and other residential occupancies with portable barbecuing equipment is prohibited within 10 feet of any overhang, balcony or opening.

The storage of LPG fueled barbecues and equipment is prohibited above the first story and within 5 feet of any exterior building wall.

EXCEPTIONS:

1. Electric Barbecues
2. Group R, Division 3 Occupancies

Adult supervision is required at all times while the barbecue is generating heat.

49. A new **Section 1302.4 Nuisance alarms** is added to read as follows:

1302.4 Nuisance alarms. Nuisance alarms shall not be given, signaled or transmitted or caused or permitted to be given, signaled or transmitted in any manner.

50. A new **Section 1302.5 Phones in tunnels** is added to read as follows:

1302.5 Phones in tunnels. Tunnels in excess of 300 feet shall be provided with approved 2-way communication devices located at intervals of 300 feet.

51. A new **Section 2403.5.4 Fire alarms** is added to read as follows:

2403.5.4 Fire alarms. 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.

52. A new **Article 31 FIREWOOD SALES & STORAGE YARDS** is added to read as follows:

3101 Scope. Firewood sales & storage yards shall be in accordance with this Article 31.

3102 Permits. For a permit to store firewood in excess of 50 cords, see Section 105.8 of the UFC.

3103 Access roads. Fire apparatus access roadways shall be provided to within 150 feet of all portions of the yard in accordance with Section 902 of the UFC.

3104 Storage. Firewood shall be piled with due regard to stability of the piles and in no case higher than 10 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 5 feet.

3104.1 Width. 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.

3104.2 Fence. Permanent firewood storage, operating under a permit, shall be surrounded with an approved fence at least 6 feet high.

3105 Smoking and open flame

3105.1 Burning of any type is prohibited.

3105.2 Smoking shall be prohibited except in areas or structures designated by the Fire Department. "NO SMOKING" signs shall be posted on exterior of all structures and erected at driveways edges.

3106 Housekeeping

3106.1 Weeds shall be kept down throughout 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.

3106.2 Debris such as sawdust, chips and bark shall be removed regularly. Proper housekeeping shall be maintained at all times.

3107 Fire extinguishing appliances

3107.1 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 903.

3107.2 Portable fire extinguisher(s) shall be provided at approved locations.

53. Section 3204 Use period is amended to read as follows:

3204.1 Use period. The duration of intended use must be declared at the time of application for permit.

3204.2 Use period of 180 days of less. Temporary membrane structures, tents and canopies shall be used for a period of not more than 180 days within a 12-month period on a single premises.

3204.3 Use period of greater than 180 days. A permit may be issued for more than a 180 day period when all of the following are provided:

1. Applicant shall state in advance the exact amount of time needed, but not exceed an additional 180 day period.
2. The structure shall be equipped with a sprinkler system designed to meet Light Hazard Occupancy requirement as defined by NFPA 13, 1996 Edition.
3. A public address system shall be provided and include a master microphone for fire department use at an approved location.
4. Grandstands, bleachers, chairs and other type seating must be constructed of fire-resistive material. The entire space under the seating area must be fully enclosed with fire-resistive material and shall not be used for storage or any other purpose.
5. Standby personnel shall be provided for the exterior and interior of the structure as outlined in UFC Section 2501.18. In addition, radio communication shall be maintained between standby personnel and an approved central control point.
6. For assembly uses see Article 25.

54. A new Section 3206.3 Structures exceeding the 180 day use period is added to read as follows:

3206.3 Structures exceeding the 180 day use period. Structural stability shall be designed to withstand 85 mph wind load. Structural plans, calculations and quality assurance agency contracts must be submitted to the Building Department for approval. The Building Department shall review all quality assurance agency inspection records and provide comments to the Fire Department. All electrical, mechanical and plumbing installations are required to be permitted and inspected by the Building Department.

55. A new **Section 4501.3.1 Permit for spray booths** is added to read as follows:

4501.3.1 Permit for spray booths. A permit is required for the construction and/or installation of a spray booth designed for utilizing flammable or combustible liquids, or the application of combustible powders regulated by Article 45.

56. A new **Section 4502.2.11 Location prohibited** is added to read as follows:

4502.2.11 Location prohibited. Spray booth(s) designed for utilizing flammable or combustible liquids, or the application of combustible powders regulated by Article 45 shall not be located outside of buildings.

57. **Section 4901.1 Scope** is amended by adding a new second exception to read as follows:

EXCEPTION 2: Group R-3 and U Occupancies

58. **Section 7404.2.1.1 General** is amended to read as follows:

7404.2.1.1 General. Medical gases shall be stored as specified in the 1997 Uniform Building Code, Section 410.

Medical gases shall be stored in areas dedicated to the storage of such gases without other storage or uses.

59. A new **Section 7404.2.4 Testing** is added to read as follows:

7404.2.4 Testing. All medical gas systems shall 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 Division.

60. **Section 7701.7.1 Manufacturing** is amended to read as follows:

7701.7.1 Manufacturing. Explosive materials shall not be manufactured within the City of Las Vegas for wholesale or retail sale.

61. **Section 7701.7.2 Limits established by law** is amended as follows:

7701.7.2 Limits established by law. Explosive materials shall be stored only in areas zoned and approved for such use and shall be subject to approval by the Fire Prevention Division.

62. A new **Section 7801.3.3 Permits for sale and storage** is added to read as follows:

7801.3.3 Permits for sale and storage. A permit is required for the sale and storage of all fireworks.

63. **Section 7802.3 Fireworks** is amended by adding an Exception No. 3 as follows:

EXCEPTION 3: The sale, storage and use of Fireworks 1.4G (Class C) when in accordance with the Southern Nevada Fire Prevention Association's Approved Guidelines for Fireworks.

64. **Section 7901.7.1 General** is amended to delete Exception No. 2.

65. **Section 7902.1.7.2.3 Underground tanks out of service for one year** is amended to read as follows:

Underground tanks that have been out of service for a period of one (1) year shall be removed from the ground in accordance with Section 7902.1.7.4 and the Environmental Health Division of Clark County Health District and the site shall be restored in a manner acceptable to the City and the Health District..

66. **Section 7902.2.2.1 Locations where aboveground tanks are prohibited** is amended to read as follows:

7902.2.2.1 Locations where aboveground tanks are prohibited Storage of Class I and II liquids in aboveground tanks outside of buildings is prohibited within the City.

EXCEPTIONS:

1. Areas zoned industrial and subject to approval of the Chief.
2. "Protected Tanks" in accordance with the provisions of Section 7902.1.9.5.
3. Aboveground generator storage tanks when installed in accordance with Southern Nevada Fire Prevention Association's Approved Guidelines.

67. **Section 7904.2.5.5.1 General** is amended to read as follows:

Tanks shall be provided with top openings only.

68. **Section 7904.2.5.5.3 Tanks for gravity discharge** is deleted.

69. **Section 7904.2.8.1 General** is amended by adding at the beginning thereof a new first paragraph to read as follows:

Dispensing liquids from tank vehicles and tank cars into the fuel tanks of motor vehicles shall be prohibited unless allowed by Section 7904.5.4 and conducted in accordance with Section 7904.2.8.

70. A new **Section 7904.5.4.7 Flammable and combustible liquids, mobile fueling of vehicles at commercial sites** is added as follows:

7904.5.4.7 Flammable and combustible liquids, mobile fueling of vehicles at commercial sites. Transfer of liquids from tank vehicles to motor vehicles for commercial use on sites zoned or otherwise approved for the parking, storage or use of vehicles or fleets of vehicles may be permitted by the Fire Department. Permits shall be obtained as required by UFC Section 105.8(f.3.)(5).

Dispensing from tank vehicles shall be in accordance with Article 79, Section 7904.2.8 and the following:

1. Dispensing may only occur at sites which have been permitted to conduct mobile fueling.
2. The dispensing nozzle will not pump unless it is in proper contact with the fuel opening of the motor vehicle to be filled.
3. Persons responsible for dispensing operations shall be familiar with the appropriate mitigating actions necessary in the event of a fire, leak or spill.
4. Absorbent materials and an approved container shall be provided to mitigate a minimum 5 gallon fuel spill.
5. A fire extinguisher with a minimum rating of 40BC shall be provided on the vehicle with signage clearly indicating its location.
6. Dispensing shall not occur within three (3) feet of a sanitary sewer or utility manhole cover or storm drain.

71. **Section 8001.5.1 General** is amended to delete the Exception.

72. A new **Section 8004.5 Parking of vehicles** is added to read as follows:

8004.5 Parking of vehicles. Parking of vehicles displaying hazardous materials placards shall be in accordance with the provisions of Section 7904.6.5.

EXCEPTION: In cases of accident, breakdown or other emergencies, vehicles are allowed to be parked and left unattended at any location while the operator is obtaining assistance.

73. **Section 8102.9.1 Small hose stations** is amended to read as follows:

8102.9.1 Small hose stations. When hose valves and stations are required by Table 81-A, approved 2½ inch hose valves, 2½ inch piping and 1½ inch adapters with caps shall be provided at approved locations. When required by the Chief, hose, nozzles, hose racks, and cabinets or covers shall be provided.

74. **Section 8212.9 Storage within buildings accessible to the public** is amended to add a second paragraph to read as follows:

When 2½ pound cylinders are in use as fuel for self-contained torches, the storage of spare LP-gas cylinders is limited to 2 cylinders.

75. **Section 8506.2.3 Power supply** is amended to read as follows:

8506.2.3 Power supply. Extension cords shall be plugged directly into an approved receptacle or power tap and shall serve only one (1) portable appliance.

76. **Section 8507 - MULTIPLUG ADAPTERS** is amended to read as follows:

Multiplug adapters, such as multiplug extension cords and cube adapters, shall not be used.

EXCEPTION: Group R, Division 3 Occupancies

77. A new **Section 9004 ADDITIONAL NFPA STANDARDS** is added to read as follows:

SECTION 9004 - NFPA Standards.

The National Fire Protection Association (NFPA) Standards referenced in this section are declared to be part of this code as if set forth in full herein.

NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS

NFPA 10; Standard for Portable Fire Extinguishers, 1998 Edition

NFPA 12; Carbon Dioxide Extinguishing Systems, 1998 Edition

NFPA 12A; Halon 1301 Fire Extinguishing Systems, 1997 Edition

NFPA 13; Installation of Sprinkler Systems, 1996 Edition

NFPA 13D; Installation of Sprinkler Systems in One- and two-family Dwellings and Mobile Homes, 1996 Edition

NFPA 13R; Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, 1996 Edition

NFPA 14; Installation of Standpipe and Hose Systems, 1996 Edition

NFPA 17; Dry Chemical Extinguishing Systems, 1998 Edition

NFPA 17A; Wet Chemical Extinguishing Systems, 1998 Edition

NFPA 20; Installation of Centrifugal Fire Pumps, 1996 Edition

NFPA 22; Water Tanks for Private Fire Protection, 1996 Edition

NFPA 24; Installation of Private Fire Service Mains and Their Appurtenances, 1995 Edition

NFPA 25; Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 1998 Edition

NFPA 72; National Fire Alarm Code, 1996 Edition

NFPA 90A; Installation of Air Conditioning and Ventilating Systems, 1996 Edition

NFPA 90B; Installation of Warm Air Heating and Air Conditioning Systems, 1996 Edition

NFPA 92A; Smoke Control Systems, 1996 Edition

NFPA 92B; Smoke Management Systems in Malls, Atria, Large Areas, 1995 Edition

NFPA 96; Ventilation Control and Fire Protection of Commercial Cooking Operations, 1994 Edition

NFPA 99C; Standard on Gas and Vacuum Systems, 1996 Edition

NFPA 110; Emergency and Standby Power Systems, 1996 Edition

NFPA 231; General Storage, 1995 Edition

NFPA 231C; Rack Storage of Materials, 1995 Edition

NFPA 231D; Storage of Rubber Tires, 1994 Edition

NFPA 231F; Storage of Rolled Paper, 1996 Edition

NFPA 1123; Outdoor Display of Fireworks, 1995 Edition

NFPA 1126; Use of Pyrotechnics Before a Proximate Audience, 1996 Edition

NFPA 2001; Clean Agent Fire Extinguishing Systems, 1996 Edition

78. **NFPA Standard 13, 1996 Edition**, as adopted in Section 9004, is amended as set forth below:

Section 1-4.2 General Definitions is amended by amending the definition of “Small Rooms” to read as follows:

Small Rooms: Rooms of Light Hazard Occupancy classification having unobstructed construction and floor areas not exceeding 800 sq. ft. (74.3 m²) (See 1-4.7.1). Small rooms shall be enclosed by walls and a ceiling.

Section 2-3.1 is amended by adding a new last sentence, so that the section reads as follows:

2-3.1 Pipe or tube used in sprinkler systems shall meet or exceed one of the standards in Table 2-3.1 or be in accordance with 2-3.5. In addition, steel pipe must be in accordance with 2-3.2 and 2-3.3, copper tube must be in accordance with 2-3.4, and nonmetallic pipe must be in accordance with 2-3.5 and with the portions of the ASTM standards specified in Table 2-3.5 that apply to fire protection service. Pipe or tube shall have a minimum Corrosion Resistant Ratio (CRR) of one (1) or greater.

Section 2-6.3.1 is amended to read as follows:

2-6.3.1 Welding studs and the tools used for installing these devices shall be listed. Piping size, installation position, and construction material into which they are installed shall be accordance with individual listings.

Section 2-6.3.2 is amended to read as follows:

2-6.3.2 Powder-driven fasteners shall not be used.

EXCEPTION: Branch lines less than or equal to two (2) inches in diameter, installed in concrete with a minimum strength of 3,000 PSI.

Section 2-6.3.3 is repealed in its entirety.

Section 2-6.3.4 is amended to read as follows:

2-6.3.4 Increaser couplings shall be attached directly to the welding studs.

Section 3-2.2 Upright Sprinklers is amended by deleting Exception No. 3 in its entirety.

Section 3-3.2.4 Upright Sprinklers is amended by deleting Exception No. 3 in its entirety.

Section 3-4.1.4 Upright Sprinklers is amended by deleting Exception No. 3 in its entirety.

A new **Section 3-5.1.1** is added to read as follows:

3-5.1.1 Size. An anti-freeze system shall not exceed a total system capacity of 40 gallons.

Section 3-9.3 is amended by deleting Exception No. 2 in its entirety.

Section 4-13.1.1 is amended by deleting Exception Nos. 8 and 9 in their entirety.

Section 4-13.5 is amended to read as follows:

4-13.5 Elevator Hoistways, Escalators and Machine Rooms is amended by deleting the Exception.

Section 4-13.5.3 is amended as follows:

4-13.5.3 Upright or pendent spray sprinklers shall be installed at the top of elevator hoistways and under escalators.

EXCEPTION: Deleted

Section 4-13.8.1 is amended to read as follows:

4-13.8.1 Sprinklers are required in bathrooms.

EXCEPTION: Sprinklers are not required when construction, fixtures and furnishings are noncombustible.

Section 4-13.8.2 is deleted in its entirety.

Section 4-13.10 Electrical Equipment is amended by deleting the Exception in its entirety.

Section 4-13.18.2 is amended by deleting Exception No. 2 in its entirety.

Section 4-14.1.1.1 is amended to read as follows:

4-14.1.1.1 Each system shall be provided with a listed indicating valve in an accessible location, so located as to control all automatic sources of water supply. Separate control valves shall be provided for every floor or portion thereof and every tenant space in covered mall buildings.

Section 4-14.4.3.5.17 is amended by deleting the Exception in its entirety.

Section 4-15.2.2 Size is amended by deleting Exception No. 2 in its entirety.

Section 4-15.4.2 Wet Pipe Systems is amended to read as follows:

4-15.4.2 Wet Pipe Systems. An alarm test connection not less than 1-inch in diameter, terminating in a smooth bore corrosion-resistant orifice, giving a flow equivalent to one (1) sprinkler of a type having the smallest orifice installed on the particular system, shall be provided to test each waterflow alarm device for each system. The test connection valve shall be piped from the most hydraulically demanding area and shall be readily accessible.

The discharge shall be to the outside, to a drain connection capable of accepting full flow under system pressure, or to another location where water damage will not result.

EXCEPTION: The test connection may be piped from another less remote location with written approval from the Authority Having Jurisdiction

Section 5-2.3.1.3 is amended by deleting Exception No. 3 to subsection (b) and by revising Exception No. 2 to subsection (b) to read as follows:

EXCEPTION NO. 2: Light or Ordinary Hazard Occupancies where noncombustible ceilings are directly attached to the bottom of solid wood joists so as to create enclosed joist spaces 160 cu ft (4.8m³) or less in volume

Section 5-3.2.2 is deleted in its entirety.

A new **Section 6-4.4.9** is added to read as follows:

6-4.4.9 Maximum Velocity. The maximum velocity limit for use in hydraulic calculations is 32 feet per second (6.1 m/sec).

Section 7-2.2.1 Acceptability is amended to read as follows:

7-2.2.1 Acceptability. Automatically controlled fire pump(s) installed in accordance with NFPA 20, 1996 Edition, Standard for the Installation of Centrifugal Fire Pumps, shall be an acceptable water supply source.

Section 8-2.2.1 is amended by revising Exception Nos. 3 and 4 to read as follows:

EXCEPTION NO. 3: When an addition or modifications is made to an existing system, the new installation shall be isolated and tested at 200 PSI (13.8 bars) and shall maintain that pressure without loss for 2 hours.

EXCEPTION NO. 4: Modifications of 10 heads or less do not require testing in excess of normal static pressure.

Section 8-2.4.1 is amended to read as follows:

8-2.4.1. Waterflow detecting devices including the associated alarm circuits shall be flow tested through the inspector's test connection and shall result in a audible alarm on the premises within one (1) minute after such flows begins and until such flow stops. See specific requirements for dry systems.

79. Appendix III-A, Section 5.2. is amended so that the Exception reads as follows:

EXCEPTION: When a building(s) is provided with an approved automatic sprinkler system throughout, a reduction in the required fire flow of 50% is permitted, subject to the following additional limitations:

1. A reduction of no more than 25% is permitted in buildings:
 - a. With floors used for human occupancy more than three (3) stories in height or more than 55 feet above the lowest level of fire apparatus access;
 - b. Containing high-piled combustible storage;
 - c. Containing flammable/combustible liquids in excess of the exempt amounts listed in Tables 7902.5-A, 7902.5-B or 7903.2-B; or
 - d. Containing hazardous materials in excess of the exempt amounts listed in Section 8001.15.2 or in Tables 8001.15-A or 8001.15-B.
2. The resulting fire flow for any building shall not be less than 1,500

gallons per minute.

80. **Appendix III-B FIRE HYDRANTS LOCATIONS AND DISTRIBUTION** is amended to read as follows:

Section 1. Scope

Fire hydrants shall be provided in accordance with this Appendix III-B for the protection of buildings or portions of buildings, or facilities hereafter constructed.

Section 2. Plans

Water main/hydrant plans drawn to scale are to be submitted to the Fire Prevention Division for approval prior to the installation of fire hydrants. Plans must include the information contained in the Fire Prevention Division's Guidelines for Fire Hydrant Location and Distribution.

Section 3. Fire Hydrant Distribution

The number and spacing of fire hydrants shall meet the approval of the Chief. Fire hydrants shall be located adjacent to and accessible from fire apparatus access roads. Fire hydrants shall be spaced along fire apparatus access roads as follows:

1. The spacing of fire hydrants shall normally start by placing fire hydrants at all intersections.
2. In all residential areas, hydrants will be spaced not to exceed 500 feet, or 1,000 feet if protected by an approved automatic fire sprinkler system.
3. In all commercial and industrial areas hydrants will be spaced not to exceed 300 feet, or 600 feet if protected by an approved automatic fire sprinkler system.
4. The maximum distance from a Group R, Division 3 Occupancy to a fire hydrant shall not be more than 300 feet, as measured from an approved point on a street or road frontage to a fire hydrant. An approved point is measured from the property line furthest from the hydrant, at a right angle to the street.
5. The maximum distance from a hydrant to the end of a dead-end street shall not exceed 200 feet.
6. The maximum distance from a fire hydrant to a fire department sprinkler connection and/or a standpipe connection shall be 100 feet, measured by an approved route.

7. The required fire flow and spacing requirements for fire hydrants are both utilized to determine the number of fire hydrants to be installed, based on a maximum of 1,500 gallons per minute per fire hydrant.
8. A fire hydrant on an adjacent parcel shall not be considered adequate to serve a parcel unless fire apparatus access roads extend between the parcels and easements are established to prevent obstruction of such roads and fire hydrants, and a written contractual agreement exists.
9. Where streets are provided with median dividers or arterial streets are provided with four (4) or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, the Chief may require hydrants to be spaced an average of 1,000 feet on each side of the street and be arranged at feet on an alternating basis. When a street has a high degree of traffic volume, all hydrants being utilized to deliver fire flow to the proposed development must be located on the same side of the street as the proposed development. Streets with high traffic volume are usually defined as Section and half section line streets, streets with four (4) or more travel lanes and federal or state highways regardless of the number of travel lanes.
10. Where new water mains are extended along streets or new streets are installed where hydrants are not needed for protection of structures or other fire problems, the Chief may require hydrants at not less than 1,000 feet spacing and at all intersections in order to provide for transportation hazards.
11. For looped water main systems, an approved sectional control valve shall be installed after every two (2) hydrants on a water system. No more than two (2) hydrants are allowed to be out of service, due to a break in a water main.
12. For any project or facility where there are four (4) or more fire hydrants/sprinkler leads-ins, two (2) sources of supply are required.

Section 4. Fire Hydrant Installation Specifications

At any building construction site, accessible fire hydrants shall be installed and shall be approved for use before combustible materials are delivered to the site and construction commences. Fire hydrant installation specifications shall be in accordance with the Fire Prevention Division's Guidelines for Fire Hydrant Installation and Specifications.

Section 5. Fire Hydrant Specifications

Fire hydrants shall conform to the 1994 Edition of the American Water Works Association's Standard, C502, entitled "Standard for Dry-Barrel Fire Hydrant." All fire hydrants shall comply with the specifications of the Fire Prevention Division's Guidelines for Fire Hydrant

Installation and Specifications. All private fire hydrants shall be painted red. To identify the fire hydrant location, a blue reflective marker shall be installed at the center line of the street adjacent to the fire hydrant.

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1998 NOV -5 A 10: 18

AFFP DISTRICT COURT
Clark County, Nevada

AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

Barbara Linford, being 1st duly sworn, deposes and says:

That she is the 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 attached for,

LV CITY CLERK
493859

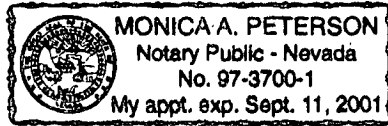
2296311LV

was continuously published in said Las Vegas Review Journal or Las Vegas Sun in 1 edition(s) of said newspaper issued from 10/29/98 to 10/29/1998, on the following days: OCTOBER 29, 1998

Signed: Barbara Linford
29

SUBSCRIBED AND SWORN BEFORE ME THIS THE 29
day of Oct 1998
Monica A. Peterson

Notary Public



BILL NO 98-77

AN ORDINANCE UPDATING THE FIRE CODE FOR THE CITY OF LAS VEGAS, AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY REPEALING THE 1994 EDITION OF THE UNIFORM FIRE CODE AND THE SUPPLEMENTAL DOCUMENT PERTAINING THERETO, AND ADOPTING IN LIEU THEREOF THE 1997 EDITION OF THE UNIFORM FIRE CODE, TOGETHER WITH THE 1998 SUPPLEMENT TO THE UNIFORM FIRE CODE AND A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, TO-WIT "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION"; PROVIDING FOR 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 Arnie Adamsen
SUMMARY: Adopts the 1997 Edition of the Uniform Fire Code, the 1998 Supplement to the Uniform Fire Code, and a Supplemental Document providing for various deletions and additions to the Uniform Fire Code
At a City Council meeting
OCTOBER 12, 1998
BILL NO 98-77 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Councilmen McDonald and Adamsen
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 1ST FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA
PUB: October 29, 1998
Las Vegas Review-Journal

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CITY CLERK

1998 NOV 23 P 4: 42

AFFP DISTRICT COURT
Clark County, Nevada
AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

Barbara Linford, being 1st duly sworn, deposes and says:

That she is the 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 attached for,

LV CITY CLERK
512798

2296311LV

was continuously published in said Las Vegas Review Journal or Las Vegas Sun in 1 edition(s) of said newspaper issued from 11/12/98 to 11/12/1998, on the following days: NOVEMBER 12, 1998

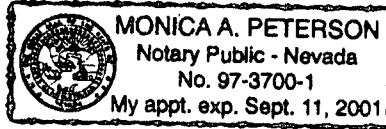
Signed Barbara Linford

SUBSCRIBED AND SWORN BEFORE ME THIS THE 12

day of Nov. 1998

Monica A. Peterson

Notary Public



FIRST AMENDMENT
BILL NO. 98-77
ORDINANCE NO. 5115

AN ORDINANCE UPDATING THE FIRE CODE FOR THE CITY OF LAS VEGAS; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY REPEALING THE 1994 EDITION OF THE UNIFORM FIRE CODE AND THE SUPPLEMENTAL DOCUMENT PERTAINING THERETO, AND ADOPTING IN LIEU THEREOF THE 1997 EDITION OF THE UNIFORM FIRE CODE, TOGETHER WITH THE 1998 SUPPLEMENT TO THE UNIFORM FIRE CODE AND A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, TD-WIT: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION"; PROVIDING FOR 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 Arnie Adamsen

SUMMARY: Adopts the 1997 Edition of the Uniform Fire Code, the 1998 Supplement to the Uniform Fire Code, and a Supplemental Document providing for various deletions and additions to the Uniform Fire Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 26th day of October, 1998, and referred to the following committee composed of Councilmen McDonald and Brown for recommendation; thereafter the said committee reported favorably on said ordinance on the 9th day of November, 1998, 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 amended and adopted by the following vote:
VOTING "AYE" Councilmen Adamsen, McDonald, Reese and Brown
VOTING "NAY" NONE
EXCLUDED: Mayor Jones

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 1ST FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: November 12, 1998
Las Vegas Review-Journal

RECEIVED
CITY CLERK

1998 NOV -5 A 10:18

AFFP DISTRICT COURT
Clark County, Nevada

AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

Barbara Linford, being 1st duly sworn, deposes and says:

That she is the 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 attached for,

LV CITY CLERK
493859

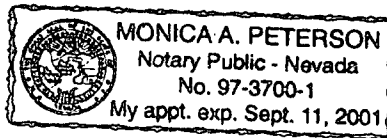
2296311LV

was continuously published in said Las Vegas Review Journal or Las Vegas Sun in 1 edition(s) of said newspaper issued from 10/29/98 to 10/29/1998, on the following days: OCTOBER 29, 1998

Signed: Barbara Linford
29

SUBSCRIBED AND SWORN BEFORE ME THIS THE 29
day of Oct. 1998

Monica A. Peterson
Notary Public



BILL NO. 98-77
AN ORDINANCE UPDATING THE FIRE CODE FOR THE CITY OF LAS VEGAS; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY REPEALING THE 1994 EDITION OF THE UNIFORM FIRE CODE AND THE SUPPLEMENTAL DOCUMENT PERTAINING THERETO, AND ADOPTING IN LIEU THEREOF THE 1997 EDITION OF THE UNIFORM FIRE CODE; TOGETHER WITH THE 1998 SUPPLEMENT TO THE UNIFORM FIRE CODE AND A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, TO-WIT: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION"; PROVIDING FOR 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 Arnie Adamsen
SUMMARY: Adopts the 1997 Edition of the Uniform Fire Code, the 1998 Supplement to the Uniform Fire Code, and a Supplemental Document providing for various deletions and additions to the Uniform Fire Code.
At a City Council meeting
OCTOBER 12, 1998
BILL NO. 98-77 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Councilmen McDonald and Adamsen
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 1ST FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: October 29, 1998
Las Vegas Review-Journal



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1998 NOV 23 P 4:42

AFFP DISTRICT COURT
Clark County, Nevada
AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

Barbara Linford, being 1st duly sworn, deposes and says:

That she is the 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 attached for,

LV CITY CLERK
512798

2296311LV

was continuously published in said Las Vegas Review Journal or Las Vegas Sun in 1 edition(s) of said newspaper issued from 11/12/98 to 11/12/1998, on the following days: NOVEMBER 12, 1998

Signed:

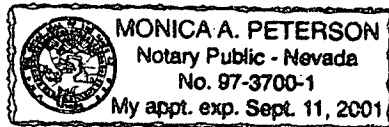
Barbara Linford

SUBSCRIBED AND SWORN BEFORE ME THIS THE

day of Nov. 1998

Notary Public

Monica A. Peterson



FIRST AMENDMENT
BILL NO. 98-77
ORDINANCE NO. 5115

AN ORDINANCE UPDATING THE FIRE CODE FOR THE CITY OF LAS VEGAS; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY REPEALING THE 1994 EDITION OF THE UNIFORM FIRE CODE AND THE SUPPLEMENTAL DOCUMENT PERTAINING THERETO, AND ADOPTING IN LIEU THEREOF THE 1997 EDITION OF THE UNIFORM FIRE CODE, TOGETHER WITH THE 1998 SUPPLEMENT TO THE UNIFORM FIRE CODE AND A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, TO-WIT: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1997 EDITION"; PROVIDING FOR 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 Arnie Adamsen

SUMMARY: Adopts the 1997 Edition of the Uniform Fire Code, the 1998 Supplement to the Uniform Fire Code, and a Supplemental Document providing for various deletions and additions to the Uniform Fire Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 26th day of October, 1998, and referred to the following committee composed of Councilmen McDonald and Brown for recommendation; thereafter the said committee reported favorably on said ordinance on the 9th day of November, 1998, 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 amended, and adopted by the following vote:

VOTING "AYE" Councilmen Adamsen, McDonald, Reese and Brown
VOTING "NAY" NONE
EXCUSED: Mayor Jones

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 1ST FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: November 12, 1998
Las Vegas Review-Journal



086792