

BILL NO. 90-72

Ordinance No. 3545

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1985 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART I OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1988 EDITION" AS PART II OF SAID CHAPTER, WHICH ADDS VARIOUS PROVISIONS TO THE UNIFORM FIRE CODE, 1988 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HERewith.

Sponsored by:
MAYOR RON LURIE

Summary: Adopts the 1988 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code.

THE CITY COUNCIL OF THE CITY OF LAS VEGAS DOES 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 to read as follows:

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

(A) As Part I of this Chapter, the Uniform Fire Code, [1985] 1988 Edition, and the Uniform Fire Code Standards, [1985] 1988 Edition;

(B) As Part II of this Chapter, a supplemental document, supplementing, amending, modifying, adding to and deleting from the Uniform Fire Code, [1985] 1988 Edition.

SECTION 2: If any section, subsection, subdivision, paragraph, sentence, clause or phrase in this ordinance or any

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

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

22 SECTION 4: All ordinances or parts of ordinances, sec-
23 tions, subsections, phrases, sentences, clauses or paragraphs
24 contained in the Municipal Code of the City of Las Vegas, Nevada,
25 1983 Edition, in conflict herewith are hereby repealed.

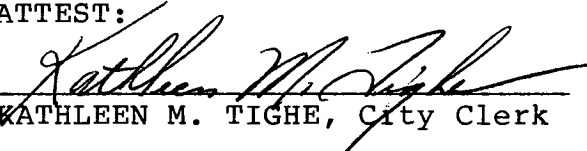
26 PASSED, ADOPTED and APPROVED this 21st day of
27 November, 1990.

28 APPROVED:

29 By

30 
RON LURIE, Mayor *OK 11-26-90 RAL*

31 ATTEST:

32 
KATHLEEN M. TIGHE, City Clerk

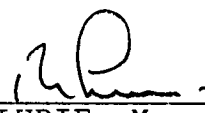
1 The above and foregoing ordinance was first proposed and read by
2 title to the City Council on the 17th day of October, 1990,
3 and referred to the following committee composed of Councilmen
4 Miller and Higginson for recommen-
5 dation; thereafter the said committee reported favorably on said
6 ordinance on the 21st day of November, 1990, which was a
7 regular meeting of said Council; that at said
8 regular meeting, the proposed ordinance was read by
9 title to the City Council as first introduced and adopted by the
10 following vote:

11 VOTING "AYE": Councilmen Adamsen Higginson, Miller, and Mayor Lurie

12 VOTING "NAY": NONE

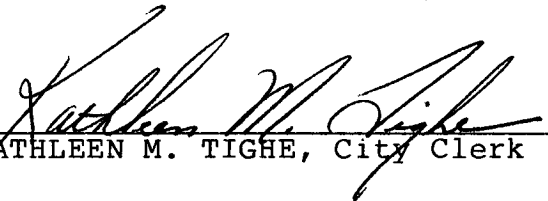
13 ABSENT: Councilman Nolen

14
15 APPROVED:

16
17 By 

18 RON LURIE, Mayor OK 11-26-90 RAW

19 ATTEST:

20
21 
22 KATHLEEN M. TIGHE, City Clerk

A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1988 EDITION

Certain parts, articles, divisions, sections and subsections of the 1988 Edition of the Uniform Fire Code are hereby supplemented, modified, amended and deleted as is provided for in this Supplemental Document. If a conflict exists between any provision of this Supplemental Document and any provision of the Uniform Fire Code, 1988 Edition, or the Uniform Building Code, 1988 Edition, the provisions of this Supplemental Document shall prevail.

NEVADA STATE FIRE MARSHAL'S REGULATIONS

The commission of any act that is prohibited or the omission of any act that is required to be performed by the provisions of Nevada Administrative Code, Chapter 477, 1989 Edition, and the performance or non-performance of which, as the case may be, is made a misdemeanor by Nevada Revised Statute 477.250 and Las Vegas Municipal Code 10.02.010, which are incorporated within this Supplemental Document by this reference, are enforceable by the Fire Department of the City of Las Vegas.

APPENDICES ADOPTED

There is hereby specifically adopted, as part of this code, the following appendices to the Uniform Fire Code, 1988 Edition: Division I, Appendix I-B and Appendix I-C; Division II, Appendix II-A, Appendix II-B (as amended), Appendix II-C, Appendix II-D and Appendix II-E, Division III, Appendix III-A (as amended),

Appendix III-B (as amended); Division IV, Appendix IV-A; Division V, Appendix-A; Division VI, Appendix VI-A, Appendix VI-B, Appendix VI-D and Appendix VI-E.

COMPANION CODES ADOPTED

1. The 1989 supplement to the Uniform Fire Code is hereby specifically adopted as part of this code.

2. There is hereby specifically adopted, as part of this code, the following National Fire Code Standards (as published by the National Fire Protection Association).

NFPA NO. 10	Portable Fire Extinguishers, 1988 Edition
NFPA NO. 12	Carbon Dioxide Extinguishing Systems, 1985 Edition
NFPA NO. 12A	Halon 1301 Extinguishing Systems, 1987 Edition
NFPA NO. 12B	Halon 1211 Fire Extinguishing Systems, 1985 Edition
NFPA NO. 13	Installation of Sprinkler Systems, 1989 Edition
NFPA NO. 13A	Inspection, Testing and Maintenance of Sprinkler Systems, 1987 Edition
NFPA NO. 13D	Sprinkler Systems in One- and Two- Family Dwellings and in Mobile Homes, 1989 Edition
NFPA NO. 13R	Sprinkler Systems Residential Occupancies up to Four Stories in Height, 1989 Edition
NFPA NO. 14	Installation of Standpipes and Hose Systems, 1986 Edition
NFPA NO. 17	Dry Chemical Extinguishing Systems, 1985 Edition
NFPA NO. 17A	Wet Chemical Extinguishing Systems, 1986 Edition

NFPA NO. 20	Installation of Centrifugal Fire Pumps, 1987 Edition
NFPA NO. 24	Installation of Private Fire Service Mains and their Appurtenances, 1987 Edition
NFPA NO. 30	Flammable and Combustible Liquids Code, 1987 Edition
NFPA NO. 33	Spray Application using Flammable and Combustible Materials, 1985 Edition
NFPA NO. 58	Storage and Handling of Liquefied Petroleum Gases, 1986 Edition
NFPA NO. 70	National Electrical Code, 1987 Edition
NFPA NO. 71	Installation, Maintenance and Use of Signaling Systems for Central Fire Service, 1987 Edition
NFPA NO. 72A	Installation, Maintenance and Use of Local Protective Signaling Systems for Guard's Tour, Fire Alarm and Supervisory Service, 1987 Edition
NFPA NO. 72B	Installation, Maintenance and Use of Auxiliary Protective Signaling Systems for Fire Alarm Service, 1986 Edition
NFPA NO. 72C	Installation, Maintenance and Use of Remote Station Protective Signaling Systems, 1986 Edition
NFPA NO. 72D	Installation, Maintenance and Use of Proprietary Protective Signaling Systems, 1986 Edition
NFPA NO. 72E	Automatic Fire Detectors, 1987 Edition
NFPA NO. 72F	Installation, Maintenance and Use of Emergency/Voice Alarm Communications Systems, 1985 Edition

NFPA NO. 72G	Installation, Maintenance and Use of Notification, Appliances for Protective Signaling Systems, 1985 Edition
NFPA NO. 72H	Testing Procedures for Local, Auxiliary, Remote and Proprietary Protective Signaling Systems, 1988 Edition
NFPA NO. 74	Installation, Maintenance, and Use of Household Fire Warning Equipment, 1984 Edition
NFPA NO. 92A	Smoke Control Systems, 1984 Edition
NFPA NO. 96	Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment, 1987 Edition
NFPA NO. 99	Health Care Facilities, 1987 Edition
NFPA NO. 110	Emergency and Standby Power Systems, 1985 Edition
NFPA NO. 130	Fixed Guideway Transit Systems, 1986 Edition
NFPA NO. 204M	Smoke and Heat Venting, 1985 Edition
NFPA NO. 231	General Storage, 1987 Edition
NFPA NO. 231C	Rack Storage of Materials, 1986 Edition
NFPA NO. 231D	Storage of Rubber Tires, 1986 Edition
NFPA NO. 495	Manufacturing, Transportation, Storage and Use of Explosive Materials, 1985 Edition

PART I
ADMINISTRATIVE
ARTICLE II

Article 2, Division II, Section 2.203 is hereby amended by adding thereto a new subsection, designated as subsection (c), reading as follows:

(c) The Charge for the reproduction of such a report will be \$3.00 for the first three pages, or portion thereof, and \$0.50 for each additional page.

ARTICLE 2, DIVISION II is hereby amended by adding thereto a new section designated as Section 2.206, to read as follows:

CITATIONS. The chief of the City of Las Vegas Fire Department and any employee designated by him may prepare, sign and serve written citations on persons accused of violating any provision of this title. Any designated employee issuing a citation pursuant to this section shall comply with the provisions of NRS 171.1773.

PERMITS

ARTICLE 4

Section 4.108 is hereby amended by adding thereto a new subsection, designated as (b) 4, to read as follows:

(b) 4 **BLASTING PERMITS.** To engage in the business of excavating activities that involve the use of explosives, see Article 77, Division V.

Section 4.108, Subsection (d) 2 is hereby amended to read as follows:

(d) 2 DUST-PRODUCING OPERATIONS. To operate a grain elevator, flour starch mill, woodworking shop, woodworking facility or plant pulverizing aluminum, coal, coca, magnesium, spices, sugar or other material producing dusts except earthen dusts as defined in Section 76.101.

Section 4.108 is hereby amended by adding thereto a new subsection, designated as (f) 6, to read as follows:

(f) 6 FIREWOOD SALES AND STORAGE YARDS. To store in excess of 50 cords of firewood see Article 30, Section 30.201.

Section 4.108 is hereby amended by adding thereto a new subsection, designated as (f) 7, to read as follows:

(f) 7 FIRE PROTECTION AND LIFE SAFETY SYSTEMS. To install, alter or perform extensive repairs to any fire sprinkler system, fire hydrant system, standpipe system, fire alarm system, life safety system or any other fire protective or extinguishing system or appliance. See Article 10, Division III and Article 14.

Section 4.108 is hereby amended by adding thereto a new subsection, designated as (r) 3, to read as follows:

(r) 3 ROOFING KETTLES. To operate any roofing tanker vehicle or roofing kettle see Section 11.403. For a definition of roofing kettle see Asphalt Kettle in Article 9.

Section 4.108 is hereby amended by adding thereto a new subsection designated as (s) 2, to read as follows:

(s) 2 SERVICE VEHICLES. To operate a service vehicle such permits shall be issued upon inspection of the service vehicle by the Fire Prevention Division. See Article 79, Section 79.1208. For a definition of a service vehicle see Service Vehicle in Article 9.

PART II

DEFINITIONS AND ABBREVIATIONS

ARTICLE 9

Section 9.105 is hereby amended by adding thereto a definition of "Commercial Areas" to be added between the definitions of "Combustible Waste Matter" and "Commodity" to read as follows:

COMMERCIAL AREAS shall include all commercial areas such as and including hotels, apartments, multiple residential buildings with three or more families, dormitories, elementary schools, junior high schools, high schools, colleges, hospitals, casino complexes and other such similar uses.

Section 9.108 is hereby amended by adding between the definitions of "Fire Hazard" and "Fire Nuisance" a definition of "Fire Lane" reading as follows:

FIRE LANE is the area located on public or private property, as designated by the Las Vegas Fire Department, which is suitably marked and posted as a fire lane and which is necessary for ingress, egress and positioning of emergency fire apparatus to buildings, structures, fire appliances, etc., during emergency situations.

Section 9.108, is hereby amended by adding between the definitions "Fire Separation" and "Fireworks" a definition of "Firewood Sales and Storage Yard" to read as follows:

FIREWOOD SALES AND STORAGE YARD. Any lot used for the sale and/or storage of firewood.

Section 9.115 is hereby amended by adding after the definition of "Mercantile Occupancy" a definition of "Ministorage Warehouse" to read as follows:

MINISTORAGE WAREHOUSE. A Group B, Division 2 Occupancy partitioned into areas which are rented or leased by individuals or companies for the purpose of storing personal or business items.

Section 9.120 is hereby amended by adding between the definitions "Repair" and "Reviewing Stands" a definition of "Residential Areas" to read as follows:

RESIDENTIAL AREAS shall include single family detached dwellings, duplex developments, zero lot line developments, mobile home and trailer parks.

Section 9.121 is hereby amended by adding, between the definitions of "Service Station, Marine" and "Small Arms Ammunition," a definition of "Service Vehicle," reading as follows:

SERVICE VEHICLE is a vehicle used for the purpose of carrying fuel, oil or grease to equipment used in construction, which ordinarily would not be serviced in service stations.

Section 9.122 is hereby amended by adding after the definition "Toxic Materials" a definition of "Tunnel" to read as follows:

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

PART III

GENERAL PROVISIONS FOR FIRE SAFETY

ARTICLE 10

Division II

OBSTRUCTION OF FIRE PROTECTION EQUIPMENT

Section 10.206 is hereby amended by adding thereto a new subsection designated as (c) to read as follows:

(c) FIRE HYDRANTS. It shall be unlawful for any person to park any vehicle, whether attended or unattended, in any fire lane or within 15 feet of any fire hydrant located either on public or private property. Vehicles in violation of this subsection may be cited and/or towed away at the owner's expense.

FIRE APPARATUS ACCESS ROADS

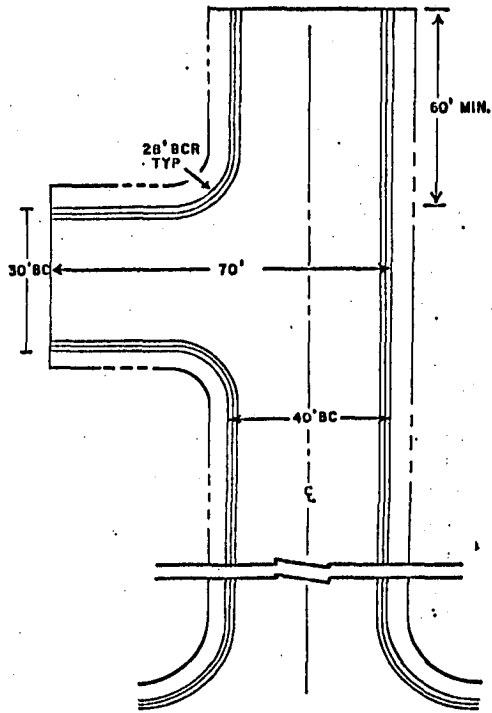
Section 10.207(g) is hereby amended to read as follows:

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

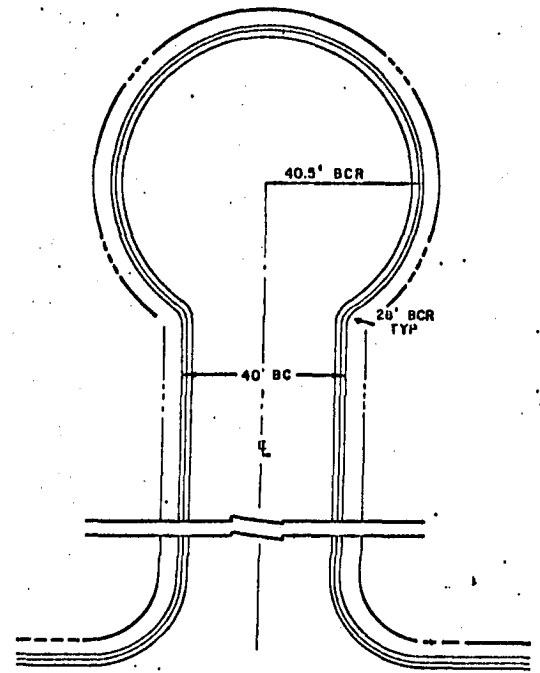
EXCEPTION: Cul-de-sacs shall comply with subsection (h) of this section.

Section 10.207(h) is hereby amended to read as follows:

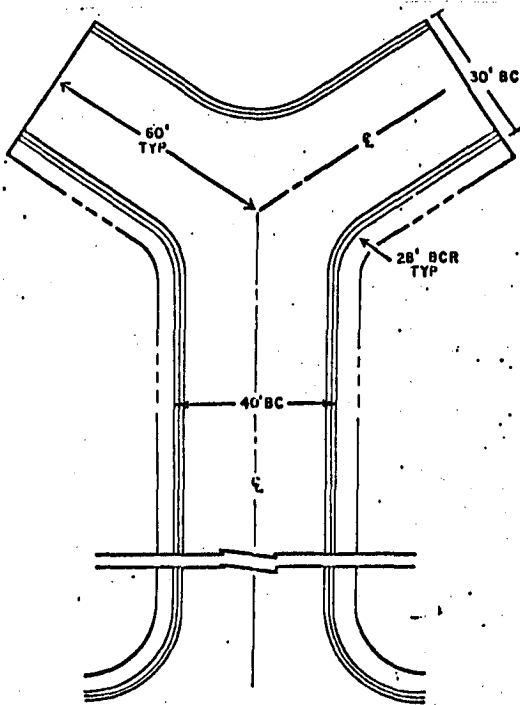
(h) **TURNAROUNDS.** All dead-end fire apparatus access roads and/or fire lanes public or private in excess of 150 feet in length shall be provided with turnaround areas which shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with a surface so as to provide all weather driving capabilities. Turnaround areas shall comply with diagrams 10.207(h) 1, 2, 3, and 4.



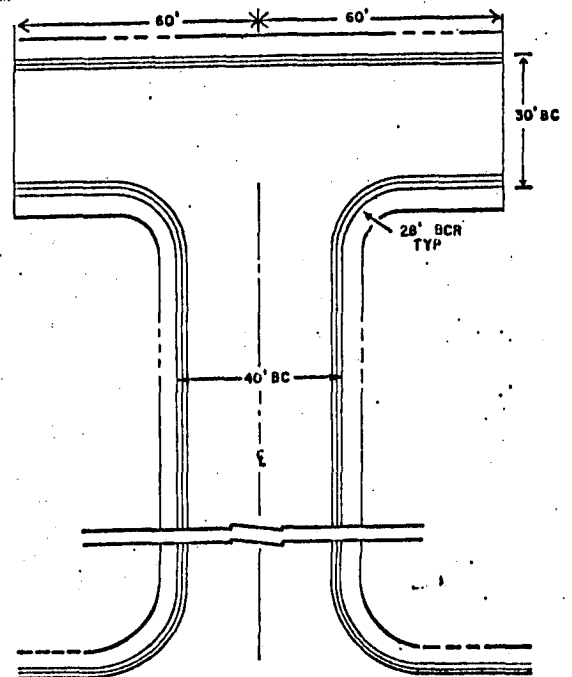
10.207 (h) 1



10.207 (h) 2



10.207(h) 3



10.207 (h) 4

Section 10.207 is hereby amended by adding thereto a new subsection, designated as subsection (m), reading as follows:

- (m) FIRE LANES. 1. Fire lanes within the jurisdictional authority shall be designated by the chief.
2. It shall be the responsibility of the owner of any property, with respect to which the chief has designated one or more fire lanes, to indicate the same with signs and red curb painting and to maintain such fire lanes clear of all obstructions and freely accessible for all fire equipment and apparatus.
3. When a sign is installed in any fire zone in accordance with sign specifications, subsection 4, and when the same is indicated by red curb painting, giving notice thereof, it shall be unlawful for any person to park a motor vehicle in, or otherwise obstruct, such fire lane.

4. Sign Specifications.

Minimum Specifications of "No Parking Fire Lane Signs"

Size: 1' wide x 1 1/2 long or 2' wide x 2 1/2 long as required

Color: Red and black on white luminous background (see example below)

Verbiage: Fire Lane, Section 10.207 - Las Vegas Fire Code.
Fine \$75.00 + Possible Penalties.

Symbol: International No Parking Symbol

Height: To be installed not less than seven feet nor more than ten feet from ground level



PREMISES IDENTIFICATION

Section 10.208 is hereby amended by adding thereto a new subsection designated as subsection (c), reading as follows:

(c) **DIRECTORY REQUIRED.** All complexes such as apartment complexes, condominiums, residential complexes for retired persons and mobile home parks or any such buildings that do not follow the standard city street numbering patterns or guidelines shall display a permanent directory in a conspicuous location, either at the main entrance or just outside the main office thereof that contains the information that is required by subsections (1) through (7).

1. The directory shall be of sufficient size that letters, numbers, streets and similar means of identification are easily read from the closest vehicular access.

2. The directory shall have lighting so as to be visible and readable at night.

3. The directory shall give locations of different buildings, apartments or space numbers.

4. The directory shall be so designed as to show those buildings, apartments, or mobile home spaces in relation to the streets, driveways, or walkways servicing each.

5. The owners and/or operators of such complexes or mobile home parks shall be required to supply a sufficient number of 8-1/2 by 11 inch printed copies of the directory to the fire department.

6. The owners and/or operators of such complexes or mobile home parks shall be required to correct the directory and supply corrected printed directories to the fire department whenever additional alterations or corrections are made to the complexes or mobile home parks.

7. The printed directories shall show the location of hydrants on roadways, walkways, or parking lots which are located within or immediately adjacent to the complexes of mobile home parks.

TUNNEL TELEPHONES

Division II of Article 10 is hereby amended by adding thereto a new section, designated as Section 10.210, to read as follows:

Section 10.210. Tunnels in excess of 300 feet shall be provided with telephones with a direct line to a constantly attended location at intervals of 300 feet.

Division II of Article 10 is hereby amended by adding thereto a new section designated as Section 10.211.

FIRE DRILLS

Section 10.211. (a) In institutional occupancies, fire drills shall be held a minimum of once a month on each nursing shift. Fire drills shall be conducted to familiarize operating personnel with their assigned positions of emergency duty. A record of all fire drills shall be kept and the person in charge of such occupancies shall file the written reports at least quarterly with the Fire Prevention Division giving the time and date of each drill held. Such records shall be attested to by the signature of the person or persons conducting said fire drills.

(b) In educational occupancies, fire drills shall be conducted in accordance with NRS 392.450 and 394.170 and shall include complete evacuation of all persons from the building. During severe weather fire drills may be rescheduled.

(c) Complete evacuation of occupants from the building, in institutional and educational occupancies serving non-ambulatory persons at the time of the fire drill shall be required only where it is practical and does not involve moving non-ambulatory patients and students or disturbing persons under medical care.

(d) In R Occupancies fire drills shall be required at the discretion of the chief.

Division II of Article 10 is hereby amended by adding thereto a new section, designated as Section 10.212, to read as follows:

Section 10.212. CENTRAL CONTROL STATION. When a central control station for fire department operations is required, it shall contain, in addition to the items required by any other code, the following:

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

(b) Current building plans, fire emergency pre-plans, system operational manuals and a work table of a minimum size of three feet by seven feet capable of holding such plans opened in a working position.

(c) A key box containing any and all keys that may be needed by firefighters to gain access to all parts of the building(s).

(d) All annunciator panels shall have standardized labels approved by the fire department.

(e) No items of storage or equipment shall be placed in the central control station unless approved by the chief.

ARTICLE 10

Division III

Section 10.301(d) shall be amended to read as follows:

(d) **FIRE HYDRANT MARKERS.** All fire hydrants will be identified as to actual location by the placement of a blue colored reflective marker adjacent to the fire hydrant on all improved streets and access roadways with improved surfaces both public and private. These reflective markers shall be placed as follows:

1. On private streets with no parking permitted; the reflective marker will be located eight feet from the face of the curb on the hydrant side.
2. On 41, 51 and 60 foot wide streets; the reflective marker will be located 16 feet from the face of the curb on the hydrant side.

PORTABLE FIRE EXTINGUISHERS

Section 10.303 shall be amended by adding thereto a new subsection, designated as (d) to read as follows:

Section 10.303 (d) PORTABLE EXTINGUISHMENT EQUIPMENT FOR APARTMENTS. 1. At least one Class 2A-10B:C rated fire extinguisher shall be installed on the exterior of each building that is intended to be occupied by a tenant and maintained by apartment building owner/managers.

NOTE: N.F.P.A. 10 prohibits the inclusion of a flight of stairs in the calculation of travel distance to an exterior extinguisher. Therefore, where a flight of stairs is provided, fire extinguishers as required in Section 10.303(d) shall be provided on each level.

2. Apartment buildings are "apartment houses" as defined in the 1988 Uniform Fire Code, Section 9.103.

3. In lieu of requirements in Section 10.303(d), one portable fire extinguisher rated 1A-10B:C, properly mounted, will be acceptable in each individual apartment unit, providing the owner/manager maintains records of service dates of these extinguishers, and submits same to the Fire Prevention Division annually.

INSTALLATION OF FIXED FIRE PROTECTION SYSTEMS

Section 10.305 is hereby amended by revising subsection (d), and adding new subsections, designated as (e) and (f), to read as follows:

(d) **STANDARDS.** Fire extinguishing systems shall comply with all adopted N.F.P.A. Standards.

(e) **WATER SUPPLIES.**

1. Hydraulically calculated fire sprinkler systems shall be designed to ensure the required system pressure is a minimum 10 p.s.i. below the available pressure.

EXCEPTION: When approved by the chief the 10 p.s.i. safety factor may be modified in areas not expected to sustain large population growth.

2. When a secondary on-site water supply is required by any code or regulation for high rise buildings, the on-site supply shall be a minimum of 15,000 gallons.

(f) **FIRE DEPARTMENT CONNECTIONS**

1. All sprinklered buildings shall have a fire department connection installed on the system side of all control valves unless otherwise approved by the chief.

EXCEPTION: One and Two Family Dwelling and Mobile Homes.

2. Fire department connections shall be on the street side of buildings and shall be located and so arranged to readily and conveniently connect hose lines without interference from nearby objects.

EXCEPTION: One and Two Family Dwelling and Mobile Homes.

3. Fire department connections shall have a permanent, durable sign attached indicating the areas protected.

EXCEPTION: One and Two Family Dwelling and Mobile Homes.

AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

Section 10.306(d) is hereby amended to include the following:

1. **LARGE WAREHOUSES.** An automatic sprinkler system shall be installed in warehouses when the undivided floor area is 12,000 square feet or more.

2. **MINI-STORAGE WAREHOUSES.** Mini-storage warehouses which contain interior exit corridor systems shall be provided with a sprinkler system in all corridors. In addition, a single sprinkler head shall be provided over the door inside of each storage space which is adjacent to or opens into the corridor. This sprinkler system shall not be recognized with respect to other Building Code alternatives for sprinklered buildings. The required fire flow shall not be reduced.

Section 10.306 is hereby amended by adding thereto a new subsection, designated as subsection (i), to read as follows:

(i) **TUNNELS.** An automatic sprinkler system shall be installed in tunnels exceeding 300 feet in length.

SPRINKLER SYSTEM SUPERVISION ALARMS

Section 10.307 is hereby amended to read as follows:

Section 10.307(a). Automatic sprinkler systems shall be supervised by an approved central, proprietary or remote station service when the number of sprinklers is:

1. 20 or more in Group I, Division 1 Occupancies.
2. 100 or more in other occupancies.

(b) Supervision shall include all control valves and water flow activation devices.

(c) Approved central, proprietary or remote station services shall be located within the area of Clark County, Nevada, and shall be listed by Underwriters Laboratories.

(d) When approved by the chief, a local alarm which will give a visible and audible signal at a constantly attended location with a dedicated telephone line to the Fire Department Communications Center may be accepted as supervision.

STANDPIPES

Section 10.309 is hereby amended by adding thereto a new subsection designated as subsection (f), to read as follows:

(f). TESTS. Tests of dry standpipe systems shall be conducted at least every five years or when an inspection by the chief indicates that there is reason to believe that the system or device would fail to operate properly in an emergency. Test results and inspection reports shall be submitted to the Fire Prevention Division. Tests shall be conducted by a licensed contractor in accordance with N.F.P.A. 14.

ARTICLE 11

GENERAL PRECAUTIONS AGAINST FIRE

Division I

BONFIRES AND OUTDOOR RUBBISH FIRES

Section 11.101 is hereby amended by adding thereto a new subsection, designated as subsection (e), to read as follows:

(e) **AIR POLLUTION CONTROL BOARD.** In order for a person to receive a permit under this section, he must first have obtained a permit from the Air Pollution Control Board.

FIRE HAZARD PROHIBITED

Section 11.116 shall be amended by adding thereto a new paragraph to read as follows:

Section 11.116 **OUTDOOR BARBECUE.** Outdoor cooking at apartment, condominium and other multi-family residential occupancies with portable barbecuing equipment is prohibited within 10 feet of any overhang, balcony or opening. Adult supervision is required at all times while barbecue equipment is generating heat.

Division II

ACCUMULATION OF WASTE MATERIAL

Section 11.201 is hereby amended by adding thereto a new subsection, designated as subsection 11.201(e), to read as follows:

(e). **CONSTRUCTION WASTE.** On all construction sites, waste materials shall be removed from the site at least weekly. Combustible materials which are subject to being dispersed by the wind shall be confined in a noncombustible compound.

FLAMMABLE DECORATIVE MATERIALS

Section 11.204 is hereby amended to read as follows:

Section 11.204 In commercial and institutional occupancies, all drapes, hangings, curtains, drops and other decorative material, including Christmas trees, that would tend to increase the fire and panic hazard shall be made from noncombustible material or shall be treated and maintained in a flame-retardant condition by means of flame-retardant solution or a process approved by the chief.

The fire department shall be provided with a certificate of flame-retardant application, issued by a professional service with a fabric sample attached for all decorative materials. Certificate shall also include the location within the building where the decorative materials are located.

Division IV

ASPHALT KETTLES

Section 11.403 is hereby amended to read as follows:

PERMITS

Section 11.403 (a) For permits to operate any roofing tanker vehicle or roofing kettle see Section 4.108.

(b) The owner of any asphalt kettle to be operated in the City shall apply to the fire department for a permit. Fire safety requirements for operating said vehicles/kettles will be issued by the Fire Prevention Division to the owner. Before such permit is issued, it shall be the responsibility of the owner to have the roofing tanker vehicle or roofing kettle inspected by the Fire Prevention Division.

ARTICLE 12

Division I

MAINTENANCE OF EXITS

Article 12 is hereby amended by adding thereto a new section designated as Section 12.110 to read as follows:

EXIT FROM TUNNELS

Section 12.110. EXITS. Tunnels shall be provided with exits as specified in the Uniform Building Code, Chapter 33, at intervals not exceeding 400 feet. In mechanical/electrical service tunnels, exits may be a fixed ladder.

ARTICLE 14

FIRE ALARM SYSTEMS

Subsection 14.103(f) is hereby amended to read as follows:

(f) **LOCATION/SECURITY.** The control unit, remote annunciation panel and access keys to locked fire alarm equipment shall be installed and maintained in a readily accessible location on the level of fire department access. The location shall be approved by the chief.

Section 14.103 is hereby amended by adding thereto a new subsection designated as subsection (h) to read as follows:

(h) **AUDIBLE DEVICES.** All audible signal devices for alarm systems shall produce not less than 80 decibels sound levels throughout the protected area, or as determined by the chief.

EXCEPTION: I-1 and I-2 Occupancies may install alarm systems that produce less than 80 decibels in patient areas, as determined by the chief.

Section 14.104(b) 2.A. shall be amended to read as follows:

(b) 2.A. An automatic or manual fire alarm system shall be installed in Group B, Division 2 Occupancies, 3 or more stories but less than 55 feet in height and as set forth in Chapter 33 of the Building Code.

Section 14.104(c) exception 2 is hereby amended to read as follows:

2. Fire alarm manual initiating devices need not be installed in buildings which are protected throughout by an approved supervised automatic sprinkler system conforming to N.F.P.A. Standard No. 13 and having a local alarm to notify all occupants.

Section 14.104(c) paragraph 2 is hereby amended to read as follows:

Alarm systems for Group R, Division 1 Occupancies having interior corridors serving as a required exit for an occupant load of ten or more shall have approved and listed system-type smoke detectors installed so as to provide complete coverage of such corridors in accordance with manufacturer's instructions. When activated, such detectors shall initiate an alarm which is audible throughout the building.

Section 14.105(a) is hereby amended to read as follows:

Section 14.105(a) MONITORING. All required fire alarm systems shall be supervised. Supervision shall be by an approved central, proprietary or remote signal service. The central signal service shall be located within the area of Clark County, Nevada.

EXCEPTION: When approved by the chief, a local alarm which will give a visible and audible signal at a constantly attended location with a dedicated telephone line to the Fire Department Communications Center may be accepted as supervision.

Section 14.105(c) is hereby amended to read as follows:

(c) ANNUNCIATION Each type of alarm initiating device shall have a separate zone. In multi-story buildings all floors shall be zoned separately. When two or more zones are required, visible annunciation shall be provided in a location approved by the chief.

Section 14.106 is hereby amended by adding thereto a new subsection, designated as subsection (c), to read as follows:

(c) MINIMUM SERVICE REQUIREMENTS. All fire alarm systems shall be tested and inspected annually by a service company or alarm contractor that is licensed by the State Fire Marshal and certified by the manufacturer of the equipment being installed.

EXCEPTION: The following occupancies shall be tested and inspected semiannually: Group E, Divisions 1 and 2; Group I, Division 1, 2, and 3; Group R, Division 1, of three or more stories.

1. All inspection reports shall be forwarded to the Fire Prevention Division within 30 days after the inspection, unless major deficiencies exist, in which case reports shall be forwarded immediately.

2. Prior to and after servicing or testing of any equipment, the Fire Department Communications Center shall be notified of the location of the test and the approximate time the equipment will be inoperable.

3. In the event the contract is canceled or not renewed, the Fire Prevention Division shall be notified by the service company within 24 hours.

PART IV

ARTICLE 24

AIRPORTS, HELIPORTS AND HELISTOPS

Division III

HELISTOPS

Division III of Article 24 is hereby amended by adding thereto a new section, designated as Section 24.306, to read as follows:

Section 24.306. 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.

ARTICLE 25

PLACES OF ASSEMBLY

Section 25.103 is hereby amended by adding thereto the following subsections designated as subsections (c) and (d) to read as follows:

(c). The fire department shall be provided with a certificate of flame-retardant application issued by a professional service. Certificate shall have a fabric sample attached and shall include the location within the building where the decorative materials are located.

(d) Floor Coverings. A minimum of one sample of the floor covering, padding and the test results, as performed by a certified testing laboratory, shall be submitted to the Fire Prevention Division prior to installation. The samples shall be clearly identified as to type, location within the building, and must be identical to the materials tested. See Appendix IV-A.

ARTICLE 30

LUMBER YARDS AND WOODWORKING PLANTS

Article 30 is hereby amended by adding thereto a new division designated as Division II, "Firewood Sales and Storage Yards", to read as follows:

Division II

FIREWOOD SALES AND STORAGE

PERMITS

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

ACCESS ROADS

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

STORAGE

Section 30.203(a) Firewood shall be piled with due regard to stability of the piles and in no case higher than 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 five feet.

(b) Driveways between and around lumber piles shall be at least 15 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 produced.

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

SMOKING AND OPEN FLAME

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

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

HOUSEKEEPING

Section 30.205(a) 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.

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

FIRE EXTINGUISHING APPLIANCES

Section 30.206(a) Approved water supply and fire hydrants capable of supplying the required fire flow shall be provided to within 150 feet of all portions of the yard in accordance with Section 10.301.

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

ARTICLE 34
AUTOMOBILE WRECKING YARDS, JUNK OR WASTE MATERIAL
HANDLING PLANTS

Section 34.107 is hereby amended by adding thereto a new paragraph to read as follows:

Aisles or passageways in salvage yards, wrecking yards, or junk yards shall be not less than 20 feet in width and shall not be more than 150 feet in length without providing turnaround areas as required by Section 10.207(h) of this code.

ARTICLE 49
WELDING AND CUTTING USING CALCIUM
CARBIDE AND ACETYLENE

Section 49.101 is hereby amended by adding thereto a new subsection, designated as subsection (d), to read as follows:

(d) Welding shall include the process of joining any two or more pieces of metal whether by arc welding, gas welding, or gas soldering.

Subsection (m) of Section 49.107 is hereby amended to read as follows:

(m) One or more first-aid fire-extinguishing appliances of a suitable approved type shall be kept at the location where welding or cutting is being done. When welding or cutting cylinders are made mobile by use of a cart, wagon or trailer, a 2A-10B:C fire extinguisher or larger must be mounted on the carrying unit in a place where it is readily accessible for use in the event of fire.

PART VII
ARTICLE 74
COMPRESSED GASES

Division II

INDEPENDENT TEST AND CERTIFICATION

Division II of Article 74 is hereby amended by adding thereto a new section designated as Section 74.213 to read as follows:

MEDICAL GASES

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

ARTICLE 76

PREVENTION OF DUST EXPLOSIONS

GENERAL REQUIREMENTS

Section 76.103 is hereby amended by adding thereto a new subsection designated as subsection (h), to read as follows:

(h) **WOODWORKING.** Woodworking shops and other woodworking facilities which may produce air suspended dusts shall comply with this section and the Building Code.

ARTICLE 77

EXPLOSIVE AND BLASTING AGENTS

Article 77 is hereby amended by adding thereto a new division, designated as Division V, to read as follows:

Division V

BLASTING PERMITS

APPLICATION FOR PERMIT

Section 77.501(a) A blasting permit is required for any proposed excavation activity that will involve the use of explosives. The permit shall be obtained by the contractor prior to the commencement of any activities involving the use of said explosives. The contractor shall make application to the fire department, on a form supplied by that department, for the permit.

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

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

A
FIREWORKS
DIVISION I
GENERAL

Article 78 is hereby amended in its entirety to read as follows:

DEFINITION: Section 78.101. For definition of fireworks see Section 9.108.

PERMITS FOR MANUFACTURING, SALE, DISCHARGE AND STORAGE

Section 78.102(a) The manufacture of fireworks within the jurisdictional area is prohibited except under special permit as required by local and state regulations. See Section 4.108.

(b) It shall be unlawful for any person to store, offer for sale, expose for sale, sell at retail, transport, use or explode any fireworks unless the fire department has issued a permit for said activities involving fireworks. Fire safety requirements for the storage, sale or use of fireworks will be issued by the Fire Prevention Division to the owner, operator or user before the permit may be obtained. The permit will be issued upon inspection and approval by the Fire Prevention Division.

(c) Permits issued under this section may be suspended or revoked when it is determined by the fire department that the permittee fails, refuses or neglects to comply with fire safety requirements for fireworks.

Section 78.103. SAFE AND SANE LABELS.

(a) All approved fireworks shall have a State Fire Marshal's "Safe and Sane Seal" on the item, or, in the case of small items, the item box shall have a State Fire Marshal's "Safe and Sane Seal" on it.

(b) Each and every fireworks item labeled "Safe and Sane" shall be on the State Fire Marshal's current approved list.

ARTICLE 79

FLAMMABLE AND COMBUSTIBLE LIQUIDS

Division I

GENERAL PROVISIONS

Subsection (f) of Section 79.115 is hereby amended to read as follows:

(f) **UNDERGROUND TANKS OUT OF SERVICE ONE YEAR.** Any underground tank which has been abandoned or placed out of service for a period of one year shall be removed from the property in a manner approved by the chief. Tanks shall be removed from the ground in accordance with Subsection (d) 1, B.

Division V

STATIONARY TANK STORAGE, ABOVEGROUND, OUTSIDE OF BUILDINGS

RESTRICTED LOCATIONS

Section 79.501 is hereby amended to read as follows:

Section 79.501. The storage of Class I and Class II liquids in aboveground tanks outside of buildings is prohibited, unless otherwise approved by the chief.

- EXCEPTION:**
1. Mining and quarry site; ranches and farms.
 2. Construction sites may be approved on a temporary basis.

Division VI

TANK STORAGE UNDERGROUND, OUTSIDE OR UNDER BUILDINGS GENERAL

Section 79.601(a) is hereby amended by adding thereto a new paragraph to read as follows:

Underground storage tanks shall be installed in accordance with manufacturer's specifications. One copy of the manufacturer's specifications shall be supplied to the fire department for documentation and inspection verification of code compliance.

Section 79.601 is hereby amended by adding thereto a new subsection designated as subsection (f) to read as follows:

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

Division IX

SERVICE STATIONS

DISPENSING SERVICES

Section 79.903(a) paragraph 4, item 1 shall be amended to read as follows:

1. The hose nozzle valve shall not be equipped with an integral latch-open device.

Division XII

TANK VEHICLES FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS SERVICE VEHICLES

Division 12 of Article 79 is hereby amended in its entirety to read as follows:

PERMITS

Section 79.1201 For permits to operate any service vehicle see Section 4.108.

GENERAL PROVISIONS

Section 79.1202 The owner of any service vehicle operated within the City shall apply to the fire department for a permit. Fire safety requirements for operating said vehicles will be issued by the Fire Prevention Division to the owner before the permit may be obtained. Before such permit is issued, it shall be the responsibility of the owner to have the service vehicle inspected by the Fire Prevention Division.

ARTICLE 85

ELECTRICAL

Article 85 is hereby amended by adding thereto a new section, designated as Section 85.110, to read as follows:

SHUNT DISCONNECT DEVICES

Section 85.110. All approved shunt trip switches, if not located within a central control station, shall be located outside the structure, in a location approved by the chief. Shunt trip switches shall be painted yellow and properly identified as the main disconnect for power to the building. Where provisions of this code mandate a central control station the shunt trip shall be located within.

APPENDIX

Division II

APPENDIX II-B (Amended)

PROTECTION OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN TANKS IN LOCATIONS THAT MAY BE FLOODED

Appendix II-B, Item 3, Subsection (a) is hereby amended to read as follows:

UNDERGROUND TANKS

(a) All underground tanks which may become buoyant due to a rise in the level of the water table or due to location in an area that may be subjected to flooding shall be anchored in place in accordance with manufacturer's specifications.

EXCEPTION: When sufficient documentation by an approved engineering firm can provide satisfactory proof that the location of the tank installation will not be subjected to flooding or a rise in the level of water table anchorage may not be required.

Division III

FIRE PROTECTION

APPENDIX III-A

FIRE FLOW REQUIREMENTS FOR BUILDINGS

Section 4 of Appendix III-A is hereby amended to read as follows:

4. Fire-flow requirements for buildings.

The minimum fire-flow requirements for one- and two- family dwellings shall be 1,500 gallons per minute at a minimum residual pressure of 20 pounds per square inch.

EXCEPTION: Fire flow may be reduced 25 percent when the building is provided with an approved automatic sprinkler system.

The fire-flow for buildings other than one- and two-family dwellings shall be not less than specified in Table No. III-A-A. The minimum residual pressure shall be 20 pounds per square inch.

EXCEPTION: The required fire-flow may be reduced by up to 25 percent when the building is provided with an approved automatic sprinkler system, but in no case less than 1,500 gallons per minute.

In Type I and II-F.R. construction, only the three largest successive floor areas shall be used.

Division III
FIRE PROTECTION
APPENDIX III-B

FIRE HYDRANT LOCATION AND DISTRIBUTION

Appendix III-B is hereby amended in its entirety to read as follows:

1. SCOPE

This appendix, including all the sections which it contains, applies to all fire hydrants installed within the City of Las Vegas. Hydrants and their appurtenances shall conform to these requirements as well as all other Fire Code requirements and the 1987 edition of the National Fire Protection Association Standard #24.

2. DEFINITIONS

(a) "Private", as the same relates to fire hydrants, water mains, underground systems and their appurtenances, means those items that are not installed in the public right-of-way.

(b) "Public", as the same relates to fire hydrants, water mains, underground systems and their appurtenances, means those items that are installed in the public right-of-way.

3. INSTALLATION

(a) All public and private fire hydrants shall be installed in accordance with Las Vegas Valley Water District Standard Plate #7, dated October 5, 1984, or the latest revision thereof, as the same has been approved by the Las Vegas Fire Department.

(b) All construction and combustible open-storage materials in commercial areas shall be within 300 feet of approved fire hydrants capable of supplying the required fire flow. Where automatic sprinkler protection is provided, fire hydrant spacing may be increased to 400 feet. The distance between fire hydrants shall not exceed distances as specified in this section.

(c) In residential areas all construction shall be within 500 feet of approved fire hydrants capable of supplying the required fire flow. Fire hydrant spacing may be increased to 600 feet when all buildings are protected by an approved automatic fire extinguishing system. The distance between fire hydrants shall not exceed distances as specified in this section.

(d) The required fire flow shall determine the number of fire hydrants to be installed based on a maximum of 1,500 gallons per minute per fire hydrant.

(e) No fire hydrant shall be placed within 25 feet of any building.

(f) Fire hydrants shall be placed at least four feet from back of curb. Fire hydrants shall not be further than seven feet from the back of curb.

(g) Fire hydrants shall be provided with a minimum of 36 inches clearance from the center of hydrant to any obstruction.

(h) Bushes, plants, trees, walls, etc., shall not obstruct maintenance or operation of the hydrant.

(i) Fire hydrants shall not be located within six feet of a driveway, power pole or light standard or any other obstruction.

4. PROTECTION OF FIRE HYDRANTS

Protection of fire hydrants from physical injury: Protective bollards shall be installed when a hydrant is subject to physical injury or when deemed necessary by the City of Las Vegas Fire Department. The bollards shall meet the following minimum specifications.

(a) Four inch outside diameter steel or comparable material pipe, grouted and at least six feet in length.

(b) The top of the bollard shall be parallel with the top of the hydrant; the remainder of the bollard shall be concreted in the ground at least three feet, the hole is to be at least 10 inches in diameter and three feet deep.

(c) The bollards shall not hinder operation or maintenance of the hydrants. (Bollards are usually installed at the corners of the 3' x 3' x 10" concrete pad.)

5. SUBMITTALS

Two sets of "water plans" that have been prepared by the developer shall be submitted to the Fire Prevention Division for approval prior to the installation of fire hydrants and/or water mains. Of the two sets of plans, one set (the original) will be returned when it is approved and signed. A space at least 3-1/2" wide by 2" high shall be provided on the bottom right hand corner of the plans for the fire department approval stamp. A "vicinity map" and the Fire Department General Notes which are available through the Fire Prevention Division must also be on the plans. The plans are to show the location, size and type of new and existing water mains, the location of existing and new hydrants, hydrant control street valves, water main connections, control

control valves, stubs, etc. The plans must also include: Total square footage of each building, number of stories (floors) including basement of all buildings, adjacent structures use (occupancy) of all buildings, fire resistive rating of all area separation walls (per Building Code), whether or not building(s) are protected throughout by an approved automatic sprinkler system and the required fire flow. In addition, the plans are to show curb lines and sidewalks, streets, alleys and driveways, walls and fences, property lines, vehicle parking layouts (inclusive of overhead parking covers), buildings and anything else pertinent to hydrant locations.

6. PUBLIC AND PRIVATE FIRE HYDRANT SPECIFICATIONS

All new public and private fire hydrants shall be designed, manufactured and tested in compliance with the 1985 edition of American Water Works Association Standard C-502, entitled "Standard for Dry-Barrel Fire Hydrants", or the latest revision thereof, and shall comply with the Las Vegas Fire Department's "Technical Specification - Fire Hydrants" which is available from the Fire Prevention Division.

7. INSPECTIONS AND APPROVALS

Private fire hydrant installations shall be inspected and approved by the fire department. With respect to public fire hydrant installations all inspections shall be performed by the Las Vegas Valley Water District. All inspections and approvals shall be conducted in accordance with the National Fire Protection Association Standard #24.

8. PRIVATE UNDERGROUND SYSTEMS

(a) All components of underground water main systems shall be either Underwriters Laboratory or Factory Mutual approved.

(b) Before asking for final approval of an installation by the authority having jurisdiction, the installing company shall furnish a written statement, countersigned by the property owner or representative, to the effect that the work has been completed in accordance with approved specifications and plans. The Contractor's Materials and Test Certificate, shown the in National Fire Protection Association Standard #13, Standard for the Installation of Sprinkler Systems, is to be used to the extent it applies.

(c) The trench shall be backfilled between joints before testing to prevent movement of pipe.

9. PRE-CONSTRUCTION WATER SUPPLY

On any building construction, accessible fire hydrants shall be installed to comply with this code before combustible materials are delivered to the site and construction commences. Fire hydrants shall be in good working order with adequate water supply.

10. IDENTIFICATION

Painting of curbs shall be completed by the installer prior to the final inspection and shall be as follows:

(a) A suitable coat of red paint (Zone-Lac Glass Curb enamel #716A9 Red or equivalent) shall be applied to curbs in front of hydrants as follows:

Parallel Parking: 30 feet (15 feet one each side of the hydrant)

Head on Parking: 40 feet (25 feet on the acute angle side and 15 feet on the obtuse angle side of the hydrant).

(b) Painting of the curbs per fire department "Hydrant Installation Specifications" shall be completed before approval of the hydrants by the fire department can be obtained.

11. EXISTING HYDRANTS

Existing fire hydrants shall be brought up to meet or exceed the requirements of the fire department's Hydrant Specifications and Hydrant Installation Specifications when required by the chief.

12. VALVES

Hydrant control valves are to be located as close as possible to the main. Sectional water main control valves are to be located per fire department requirements. All water systems shall have sectional control valves installed after every two hydrants to insure that no more than two hydrants will be out of service due to a break in a water main. Single hydrants are not required to be isolated on a water main. Each hydrant shall have a shut-off valve on the lateral.

13. AS-BUILT DRAWINGS REQUIRED

Upon completion of the installation of any underground water system supplying on-site fire protective devices or systems such as fire hydrants and sprinkler systems, a complete as-built drawing of said system, starting at the water vault, and including each and every portion of said system, shall be submitted to the Fire Prevention Division for future reference. This drawing shall include all underground valves and any pertinent information that could prove useful at a later date. It shall be the responsibility of the

Hydrant Division to obtain and certify these drawings as part of the approval procedure of all new systems or the modification of existing systems.

A:\UFC.88

RECEIVED

FEB 28 9 06 AM '91

AFFIDAVIT OF PUBLICATION

CITY CLERK

PAST

BILL NO. 90-72
Ordinance No. 3545

RE

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1985 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART 1 OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1988 EDITION" AS PART II OF SAID CHAPTER, WHICH ADDS VARIOUS PROVISIONS TO THE UNIFORM FIRE CODE, 1988 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY: Mayor Ron Lurie
SUMMARY: Adopts the 1988 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 17th day of October, 1990, and referred to the following committee composed of Councilmen Miller and Haggins for

recommendation; thereafter the said committee reported favorably on said ordinance on the 21st day of November, 1990, which was a regular meeting of said Council; that at said regular meeting, the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:

VOTING "AYE" Councilmen: Adamson, Haggins, Miller, and Mayor Lurie.

VOTING "NAY" Councilmen: NONE
ABSENT: Nolen

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: November 24, 1990
Las Vegas Review-Journal/Sun

STATE OF NEVADA)
COUNTY OF CLARK)

SS:

CHRISTY A. FERGUSON

, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 24, 1990 to NOVEMBER 24, 1990, on the following days:

NOVEMBER 24, 1990

Signed:

Christy A. Ferguson

Subscribed and sworn to before me this

27th

day of

Feb.

, 19 91

Maria C. Therien

Notary Public

MARIA C. THERIEN
Notary Public-State of Nevada
CLARK COUNTY

My Appointment Expires May 11, 1994

AFFIDAVIT OF PUBLICATION

PASTE CLIPPING HERE

BILL NO. 90-72

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE, AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1985 EDITION OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 EDITION OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART 1 OF SAID CHAPTER, REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED, "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1988 EDITION," AS PART II OF SAID CHAPTER, WHICH ADDS VARIOUS PROVISIONS TO THE UNIFORM FIRE CODE, 1988 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:
Mayor Ron Lurie

SUMMARY: Adopts the 1988 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code.

At a City Council meeting
October 17, 1990

BILL NO. 90-72 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Councilmen Miller and Higginson.

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: November 1, 1990
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

CHRISTY A. FERGUSON, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 1, 1990 to NOVEMBER 1, 1990, on the following days:

NOVEMBER 1, 1990

Signed:

Christy A. Ferguson

Subscribed and sworn to before me this

1st day of Nov., 19 90

Maria C. Therien

Notary Public

MARIA C. THERIEN

Notary Public-State of Nevada

CLARK COUNTY

My Appointment Expires May 11, 1994

RECEIVED

FEB 28 3 06 AM '91

CITY CLERK

AFFIDAVIT OF PUBLICATION

PAST

RE

BILL NO. 90-72
Ordinance No. 3543

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1989 EDITION, BY DELETING ALL REFERENCES TO THE 1985 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 EDITIONS OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1988 EDITION" AS PART 1 OF SAID CHAPTER, WHICH ADDS VARIOUS PROVISIONS TO THE UNIFORM FIRE CODE, 1988 EDITION; PROVIDING OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY: Mayor Ron Lurie

SUMMARY: Adopts the 1988 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereof, deletions therefrom and additions thereto, as the City's Fire Code.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 17th day of October, 1990, and referred to the following committee composed of Councilmen Miller and Higginson for recommendation; thereafter the said committee reported favorably on said ordinance on the 21st day of November, 1990, which was a regular meeting of said Council; that at said regular meeting, the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:

VOTING "AYE" Councilmen: Adamson, Higginson, Miller, and Mayor Lurie.

VOTING "NAY" Councilmen: NONE

ABSENT: Nolen

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: November 24, 1990
Las Vegas Review-Journal/Sun

STATE OF NEVADA)
COUNTY OF CLARK)

SS:

CHRISTY A. FERGUSON, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 24, 1990 to NOVEMBER 24, 1990, on the following days:

NOVEMBER 24, 1990

Signed:

Christy A. Ferguson

Subscribed and sworn to before me this

27th day of Feb., 19 91

Maria C. Therien

Notary Public

MARIA C. THERIEN
Notary Public-State of Nevada
CLARK COUNTY
My Appointment Expires May 11, 1994



AFFIDAVIT OF PUBLICATION

PASTE CLIPPING HERE

BILL NO. 90-72

AN ORDINANCE PROVIDING FOR THE ADOPTION OF A FIRE CODE; AMENDING TITLE 16, CHAPTER 16, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1985 EDITION OF THE UNIFORM FIRE CODE STANDARDS ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 EDITION OF THE UNIFORM FIRE CODE AND THE UNIFORM FIRE CODE STANDARDS AS PART 1 OF SAID CHAPTER, REPEALING 1 OF SAID CHAPTER, EXISTING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT, AND AMENDMENTS THERETO, ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT, ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM FIRE CODE, 1988 EDITION," AS PART II OF SAID CHAPTER, WHICH ADDS VARIOUS PROVISIONS TO THE UNIFORM FIRE CODE, 1988 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES IN CONFLICT HERewith.

SPONSORED BY:
Mayor Ron Lurie

SUMMARY: Adopts the 1988 Edition of the Uniform Fire Code, together with a supplemental document providing amendments thereto, deletions therefrom and additions thereto, as the City's Fire Code.

At a City Council meeting October 17, 1990

BILL NO. 90-72 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Councilmen Miller and Hoggins.

COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.

PUB: November 1, 1990
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

CHRISTY A. FERGUSON, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 1, 1990 to NOVEMBER 1, 1990, on the following days:

NOVEMBER 1, 1990

Signed:

Christy A. Ferguson

Subscribed and sworn to before me this

1st day of Nov., 1990

Maria C. Therien

Notary Public

MARIA C. THERIEN
Notary Public-State of Nevada
CLARK COUNTY
Appointment Expires May 11, 1994



083667