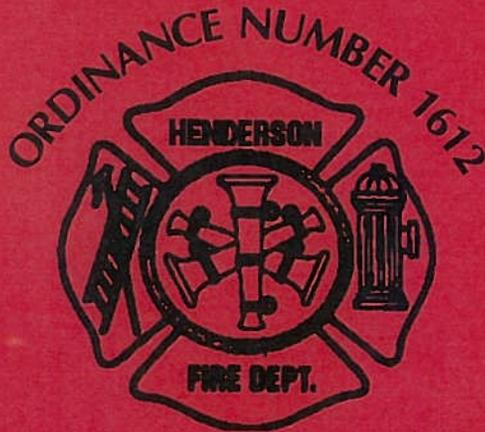




FIRE CODE OF THE CITY OF HENDERSON



APPROVED OCTOBER 3, 1995

HENDERSON FIRE DEPARTMENT
223 LEAD STREET, SUITE 141
HENDERSON, NEVADA 89015

INFORMATION (702) 565-2300

Original Copies of Referenced Ordinances/Codes on file with City Clerk

ORDINANCE NO. 1612

"AN ORDINANCE OF THE CITY OF HENDERSON REPEALING CHAPTER 15.32 "FIRE CODE," OF THE HENDERSON MUNICIPAL CODE IN ENTIRETY AND ADOPTING BY REFERENCE WITH AMENDMENTS AND VARIOUS APPENDICES THE UNIFORM FIRE CODE 1994 EDITION WHICH SHALL BE CODIFIED AS HENDERSON MUNICIPAL CODE CHAPTER 15.32 ENTITLED "THE CITY OF HENDERSON FIRE CODE" AND OTHER MATTERS RELATED THERETO."

THE CITY COUNCIL OF THE CITY OF HENDERSON
DOES ORDAIN:

- SECTION 1. Henderson Municipal Code Chapter 15.32 "Fire Code," is hereby repealed in entirety.
- SECTION 2. Pursuant to the provisions of the Henderson City Charter Section 2.160(3), the Uniform Fire Code 1994 Edition as amended herein and with certain appendixes is hereby adopted by reference with said amendments and other matters related thereto set forth as follows:

15.32.101. SHORT TITLE.

This Chapter shall be known as the City of Henderson "Fire Code" and may be cited as such.

Where the designation "Uniform Fire Code" or the abbreviation "UFC" appears in this ordinance, it shall be construed as referring to the Uniform Fire Code as adopted by this Ordinance.

15.32.020 ADOPTION.

That certain document, a copy of which is on file in the office of the city clerk of the City of Henderson, being marked and designated as the "Uniform Fire Code, 1994 Edition", by the International Fire Code Institute, 5360 Workman Mill Road, Whittier, California 90601, including the following appendices: I-C Stairway Identification; II-A, Suppression and Control of Hazardous Fire Areas; II-B, Protection of Flammable and Combustible Liquids in Tanks in Locations Subject to Flooding; II-C, Marinas; II-D, Rifle Ranges; II-E, 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; III-A, Fire-flow Requirements for Buildings; III-B, Fire Hydrant Locations and Distribution; VI-B, Emergency Relief Venting for Fire Exposure for Aboveground Tanks; and VI-E, Recommended Separation Distances for Explosive Materials is hereby designated as the City of Henderson Fire Code and by this designation and reference is hereby adopted and made a part of this chapter, the same as if it were fully set forth herein.

15.32.030 AMENDMENTS MADE IN THE UNIFORM FIRE CODE.

Certain parts, articles, divisions, sections and subsections of the 1994 Edition of the Uniform Fire Code are hereby supplemented, modified, amended and deleted as follows:

1. Section 101.6 "Conflicting Provisions", is amended by numbering the existing text as sub-section 1. and adding a new Sub-section 101.6.2 as follows;

Conflicting Provisions

101.6.2 If conflicts exist between any provision of this Ordinance and any provision of the Uniform Fire Code, 1994 Edition, or any other Code, Ordinance, or law adopted by the City of Henderson, the more stringent requirement providing the greatest safety from fire and for life shall prevail.

2. Section 103.1.4 is deleted.

3.A new Section 103.3.5 is added as follows;

103.3.5 Inspection Fees.** Inspections or re-inspections requested outside of normal business hours or inspections, re-inspections, file searches, fire flows, or plan reviews which require additional work to be performed by the Fire Prevention Bureau shall be charged a fee(s) as follows:

- 1. Requested inspection outside of normal business hours; \$50.00 per hour* This shall include travel time, with a minimum charge of three hours.
- 2. Additional inspections or re-inspections for fire protection systems due to system inspection deficiencies or requiring additional inspections due to inspecting partial systems; \$50.00 per hour* This shall include travel time.
- 3. File Searches for requested information contained in files, including economic Environmental Assessments; A minimum of one hour charged @ \$50.00 per hour*
- 4. Fire Flows for requested information contained in files related to "Fire Flows" and to assist or witness Fire Flows; A minimum of one hour charged @ \$50.00 per hour*
- 5. Additional plan reviews required by changes, additions, or revisions to approved plans; \$50.00 per hour*
- 6. Requested inspections for the same day; \$50.00. (i.e., less than 1 full day notice) This fee is not applicable when more than 1 day's notice is given. Also, this Fee is in addition to any other applicable fee(s) specified above.

** Based on the total hourly cost to the jurisdiction. This cost may include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.*

*** This section shall not be used to determine the minimum number of overtime hours nor shall it be used to determine the hourly wages of employees.*

4. Section 103.4.1.1, "General" is revised by deleting the words "from fire" from the end of the Section as follows:

Section 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.

5. Section 105.6 "Permits for the Same Location", is amended by numbering the existing text as Sub-section 1. and adding a new Sub-section 2 as follows;

105.6.2. Other Required Permits. The requirements for permits from other agencies or departments shall not waive the requirements for permits required by this Code. Where a permit is required by other agencies or departments, such permit shall be obtained prior to or simultaneous with the issuance of a permit required by this Code.

6. Section 105.8 "Permits Required", is amended by adding six new sub-sections as follows:

g.1. Gates. A fire department permit is required to install or alter a gate(s) which obstructs a fire department access road

l.3. Lumber Yards. To store lumber in excess of 100,000 board feet or to store more than 50 cords of wood. See Article 31.

p.4 Private Fire Service Mains/Hydrants. A Fire Prevention Permit is required to install, extend, or alter private fire service mains and/or private fire hydrants.

x.1 Fire Extinguishing System(s) and Equipment. A Fire Prevention Permit is required to install, extend, or alter fire extinguishing system(s) and equipment.

x.2 Fire Alarm System(s) and Equipment. A Fire Prevention Permit is required to install, extend, or alter fire alarm system(s) and equipment.

x.3 Smoke Control System(s) and Equipment. A Fire Prevention Permit is required to install, extend, or alter smoke control system(s) and equipment.

7. A new Section 105.9 is added as follows;

105.9 Permit and Plan Review Fees*.

105.9.1 Renewable Permits. The fee(s) for renewable permits required by Section 105.8 as amended, shall be \$50.00 each.

EXCEPTION: 1. The fee(s) for renewable permits contained in Section 105.8, Item Numbers c.1, f.1, m.2, p.1, and t.1, shall be \$25.00.

EXCEPTION: 2. The fee(s) for permits for new construction or new installations shall be as specified in Section 105.9.2.

105.9.2 New Installation Permits and Plan Review Fees. Plan review and permit fees for new construction or new installation(s) required by Section 105.8, as adopted, the fee(s) shall be as specified in Section 107 of the 1994 Uniform Building Code.

EXCEPTION: The permit and plan review fees for Private Fire Service Mains shall be equivalent to the fees charged by the Public Works Department for Public Mains.

105.9.3 No permit and plan review fees will be charged to federal, state or local governments and public schools.

105.9.4 Permit Fee Penalties

105.9.4.1 Failure to renew required permits which require renewal will result in the permit fee being doubled.

105.9.4.2 Failure to obtain a required permit prior to engaging in said operation, practice, function or activity, will result in the permit fee being doubled.

105.9.5 Failure to obtain a required permit prior to engaging in said operation, practice, function or activity, the permit fee will be doubled.

105.9.6 Other Inspection Fees. The initial inspection which is required prior to the issuance of a permit(s) is included in the permit fee. Additional inspections, re-inspections or inspections requested outside of normal business hours needed for said permits will be as follows:

1.Re-inspection during normal business hrs; \$25.00.

EXCEPTIONS: 1. Re-inspection(s) which are not relative to the inspections or re-inspections required by Article 4 of the Fire Code.

2.Requested inspection outside of normal business hours \$50.00 per hour, including travel time, with a minimum charge of three hours or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.

3.Requested inspections for the same day \$50.00. (i.e., less than 1 full day notice) Note! This fee is not applicable when more than 1 day's notice is given. Also, this Fee is in addition to any other applicable fee(s) specified above.

8. Article 2 "Definitions", is revised by deleting the words "in the event of fire" from the end of the definition of Fire Hazard as follows:

SECTION 207 - F

FIRE HAZARD is any thing or act which increases or could cause an increase of the hazard or menace of fire to a greater degree than that customarily recognized as normal by persons in the public service regularly engaged in preventing, suppressing or extinguishing fire or any thing or act which could obstruct, delay, hinder or interfere with the operations of the fire department or the egress of occupants.

9. Article 2 "Definitions", is further amended by the addition of four new definitions as follows:

SECTION 207 - F

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.

SECTION 214 - M

MINISTORAGE WAREHOUSE is a Group S, Division 1 or 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 221 - T

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.

10. A new Section 901.7 is added as follows:

901.7 Access Gates

901.7.1 Permit. A fire department permit is required to install a gate(s) which obstructs a fire department access road.

901.7.2 General. Fire apparatus access roads which are secured by gates shall comply with the specifications of the Fire Department. Electrically controlled gates, which are not manned on a 24 hour basis, shall be provided with an approved vehicle detector/receiver system in accordance with rules and regulations specified by the Fire Department. Gates shall be capable of being manually openable or shall be provided with battery back-up in the event of power failure which shall cause the gates to remain in the open position until power is restored. Access gate systems shall be maintained operational at all times. Repairs shall be in accordance with original specifications.

The installing contractor shall provide the Fire Department one transmitter at the discretion of the Chief, without cost to the Fire Department.

901.7.3 Existing facilities. All existing facilities with electrically controlled gates installed across access roads shall comply with this guideline. Noncomplying gates shall be secured in the open position in a manner approved by the Fire Department.

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.

1.Site plan with north arrow, roadway and gate dimensions.

2.Location of underground roadway detector loop.

3.Manufacturers' specification sheets detailing the voltage, current, radio frequency, power cable and coding for the proposed system.

4.Contractors statement of compatibility with existing installations.

5.Detailed vicinity map.

901.7.5 Operational Testing. An operational test shall be 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.

11. A new Section 901.8 is added as follows:

901.8 Directory Required. When required by the chief, all complexes shall display an approved permanent directory.

12. Section 902.2.2.1, the first paragraph is revised as follows:

902.2.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 24 feet provided no parking is allowed, not less than 32 feet if parallel parking is allowed on one side, and not less than 40 if parallel parking is allowed on both sides. Vertical clearance shall be not less than 13 feet 6 inches.

EXCEPTION: Vertical clearance may be reduced, provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained, indicating the established vertical clearance when approved by the chief.

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.

13. Section 902.2.2.2 is revised 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.

14. Section 902.2.2.3 is revised as follows;

902.2.2.3 Turning Radius. The minimum 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 25 feet inside turning radius. When the chief determines that an aerial/ladder fire apparatus access is needed, the minimum turning radius shall be not less than 52 feet outside radius and 32 feet inside turning radius.

15. Section 903.2 is amended by adding an exception as follows:

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). The sprinkler system design shall meet the requirements of NFPA 13 in commercial buildings; NFPA 13 or NFPA 13R in Group R, Division 1 & 4 Occupancies of two stories or less; and NFPA 13, NFPA 13R or NFPA 13D in Group R, Division 3 Occupancies.

16. Section 1001.4 "Approval and Testing", is revised as follows:

1001.4. Approval and Testing. Fire alarm systems; fire hydrant systems; fire-extinguishing systems, including automatic sprinklers and wet and 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 meet the approval of the fire department as to installation and location and shall be subject to such periodic tests as required by the chief. See Appendix III-C. Plans and specifications for all fire protection system(s) and/or appurtenances shall be submitted to the fire prevention bureau and approved prior to system installation. Approved plans shall be kept readily available on the job site.

All high-rise buildings, covered mall buildings, atrium buildings, and when required by the chief other major buildings, shall have a Life Safety Package Report (Similar to the Clark County Life Safety Package) submitted to the fire prevention bureau and be approved prior to construction.

17. Section 1001.5.1 is amended by adding a new Sub-section 1001.5.1.1 as follows:

1001.5.1.1. Central Control Station. When a Central Control Station for Fire Department operations is required it shall contain in addition to the items required by any other code, items as specified by the Fire Department.

18 Section 1001.5.1 is amended by adding a new Sub-section 1001.5.1.2 as follows:

1001.5.1.2. 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 Bureau when any deficiency of the system or violation of the Fire Code is noted.

19. Section 1001.5.1 is amended by adding a new Sub-section 1001.5.1.3 as follows:

1001.5.1.3. All Fire Protection Systems shall be maintained in accordance with the provisions of the Nevada State Fire Marshal's Office Regulations. Inspection records 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 Bureau 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 Bureau shall be notified by the service company within 24 hours.

20. Section 1003.1.2 "Standards" is revised as follows:

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

EXCEPTIONS:

1.No change - same as published in 94 UFC.

2.No change - same as published in 94 UFC.

3.Group R Division 1 Occupancies, Less than Three Stories. Group R Division 1 Occupancies less than three stories in height may be designed and installed in accordance with the provisions of 1994 NFPA 13-R.

4.Group R Division 1 Occupancies, Three or More Stories. Group R Division 1 Occupancies three or more stories in height shall be designed and installed in accordance with the provisions of 1994 NFPA 13.

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

6.Casinos. The sprinkler design for Casinos shall be designed for not less than Ordinary Hazard, Group I Occupancy per 1994 NFPA 13.

7.Shell Buildings and Warehouses. When an automatic sprinkler system is provided throughout shell buildings and warehouses which are built for unknown tenants and occupancies of various hazards designed for commercial use within the general occupancy classification, and multipurpose, shop or storage buildings constructed on prison property. The sprinkler system shall be designed having a density of not less than Ordinary Hazard, Group II Occupancy per 1994 NFPA 13. Buildings used for High-piled Combustible Stock shall comply with the provisions of Article 81.

8.NFPA 13 Standard for Fire-Extinguishing Systems. Delete the following Section of 1994 NFPA 13:

1.Section 5-3.2.2 of the 1994 NFPA Standard 13 for the design area using residential sprinklers is deleted.

9.NFPA 13 Standard for Fire-Extinguishing Systems. Delete the exceptions to the following sections of 1994 NFPA 13:

1.The Exception to Section 4-5.5.1 of the 1994 NFPA Standard 13 for elevator hoistways and machine rooms is deleted.

2.The Exception to Section 4-5.5.3 of the 1994 NFPA Standard 13 for elevator hoistways and machine rooms is deleted.

3.The Exception to Section 4-5.10 of the 1994 NFPA Standard 13 for electrical equipment rooms is deleted.

4.The Exception to Section 4-7.2.2 of the 1994 NFPA Standard 13 for Fire Department Connections, Size is deleted.

10.NFPA 13 Standard for Fire-Extinguishing Systems. Revise the following Sections of the 1994 NFPA 13 Standard as follows:

1.Section 4-7.4.2 Systems Connections, 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 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.

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

11. NFPA 13R Standard for Fire-Extinguishing Systems.

Revise the Exception Number 3 to Section 2-6 of the 1994 NFPA 13R Standard for location of sprinklers as follows:

1. Exception Number 3: Sprinklers are not required in any porches, balconies, exterior exit balconies, and stairs that are open more than 50% to the outside and are attached.

21. Section 1003.2.2 "All Occupancies Except Group R, Division 3 and Group U Occupancies", Item No. 5 is revised as follows:

1. 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.

EXCEPTION: 1. Airport control towers.
2. Open parking structures.
3. Group F, Division 2 Occupancies.

22. Section 1003.2.2 is revised by adding a new Item No. 6 as follows:

1003.2.2.6. An automatic sprinkler system shall be installed throughout all buildings 10,000 square feet or greater in total area which has any area exceeding 5,000 square feet not separated by an approved area separation wall.

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

23. Section 1003.2.4.1 "General", is revised as follows:

1003.2.4.1. General. An automatic fire sprinkler system shall be installed throughout all buildings containing a Group E Division 1, 2, 3 occupancies with an occupant load 50 or more.

Exceptions: None.

24. A new Section 1003.2.9 is added as follows

1003.2.9 Ministorage Warehouses. Ministorage Warehouses which contain interior exit corridor systems shall be provided with a sprinkler system in all corridors. A single "Listed" quick response sprinkler head shall be provided over the door inside of each storage space. This sprinkler system shall not be recognized as providing complete fire protection for the structure. The required fire flow shall not be reduced unless the sprinkler system complies with NFPA 13.

25. Section 1003.3.1, the 2nd paragraph is revised and a new 3rd paragraph is added as follows:

Valve monitoring, water-flow alarm, and system trouble signals shall be distinctly different and shall be automatically transmitted to an approved central station, remote station or proprietary monitoring station as defined by U.F.C. Standard No. 10-2 or, when approved by the chief, shall sound an audible signal at a constantly attended location.

EXCEPTION: Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be monitored.

Multistory facilities shall provide zone annunciation on a floor by floor basis. In occupancies provided with a fire alarm system, the following four distinctly different alarm signals shall be transmitted to an approved monitoring facility:

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

26. A new Section 1006.2.9 "Fire Extinguishing System Servicing", is added as follows:

1006.2.9 Fire Extinguishing System Servicing. Fire extinguishing systems shall be serviced at least every six months or after activation of the system. Inspection shall be conducted by personnel licensed by the 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. A Copy of said Certificate of Inspection shall be mailed within 48 hours, to the Fire Prevention Bureau only when any deficiency of the system or violation of the Fire Code is noted.

1. 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 Bureau only when any deficiency of the system or violation of the Fire Code is noted.

2. Prior to and after 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.

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

34. A new Section 1102.6 is added as follows:

1102.6 Outdoor Cooking. 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.

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

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

35. A new Section 1302.4 is added as follows:

1302.4 Phones in Tunnels. Tunnels in excess of 300 feet shall be provided with telephone(s) with approved 2-way communication located at intervals of 300 feet.

36. Section 2403 "Helistops", is amended by adding a new Sub-section 2403.6 as follows:

2403.6. 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.

37. A new Article 31 "Firewood Sales & Storage Yards" is added as follows:

Section 3101 - Scope

Firewood Sales & Storage Yards shall be in accordance with Article 31, as amended.

Section 3102 - Permits

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

Section 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.

Section 3104 - Storage

3104.1. 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.

3104.2. 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.

3104.3. Permanent firewood storage, operating under a permit, shall be surrounded with a suitable fence at least 6 feet high.

Section 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.

Section 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.

Section 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 locations as determined by the Fire Department.

38. Section 3504.3 "Fueled Equipment", the exception is revised as follows:

3504.3 Fueled Equipment. Liquid- or gas-fueled appliances, tools, apparatus, craft or vehicles shall not be located in a mall.

EXCEPTION: When "permitted" by the fire department, liquid- or gas-fueled appliances, tools, apparatus, craft or vehicles are allowed to be on display within the mall. When on display, they shall be displayed in accordance with Section 2505.2

39.A new Section 7404.2.4 is added as follows:

7404.2.4. Medical Gas. 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 Bureau.

40.Section 7701.7.1 is revised as follows:

7701.7.1 Manufacturing. Explosive materials shall not be manufactured within the City of Henderson.

41.Section 7701.7.2 is revised 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 Bureau.

42.A new Section 7801.3.3 is added as follows:

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

43.Section 7802.3 is amended by adding an Exception No. 3 as follows:

3.The sale, storage and use of Class C fireworks (i.e., "Safe & Sane) is allowed as set forth in the Fire Prevention Bureau's Guidelines for Fireworks.

44.Section 7901.7.1, Exception No. 2 is deleted.

45.Section 7902.1.7.2.3 is revised as follows:

7902.1.7.2.3. Underground Tanks Out of Service One Year. Underground tanks that have been out of service for a period of one year shall be removed from the ground in accordance with Section 7902.1.7.2.4 and the Environmental Health Division of Clark County Health District and the site shall be restored in an acceptable manner.

46.Section 7902.2.2.1 is revised 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 of Henderson.

EXCEPTION: 1. Areas zoned industrial and subject to approval of the Chief. 2. "Protected Tanks" in accordance with the provisions of Appendix II-F.

47.The Exception to Section 7903.2.1.4, "Heating, Lighting and Cooking Appliances", is deleted.

48.Section 7904.2.5.5.1 is revised as follows:

7904.2.5.5.1 General. Tanks shall be provided with top openings only.

49.Section 7904.2.5.5.3 is deleted.

50.Section 8001.5.1, Exception No. 2 is deleted.

51.A new Section 8004.5 "Parking", is added as follows:
8004.5 Parking.

8004.5.1 General. 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.

52. Article 90 is amended by adding a new Section 9004 as follows:

SECTION 9004 - NFPA Standards.

The National Fire Protection Association (NFPA) Standards referenced in this code are those standards contained in the NFPA Codes and Standards, 1994 edition, published by the National Fire Protection Association, as listed below. The NFPA Standards referenced in this section are hereby declared to be part of this code as if set forth in full herein.

NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS

NFPA 13; Installation of Sprinkler Systems, 1994 Edition.

NFPA 13D; Installation of Sprinkler Systems in One- and Two-Family Dwellings and Mobile Homes, 1994 Edition.

NFPA 13R; Sprinkler Systems in Residential Occupancies up to and including four Stories in Height, 1994 Edition.

NFPA 14; Installation of Standpipe and Hose Systems, 1993 Edition.

NFPA 17; Dry Chemical Extinguishing Systems, 1994 Edition

NFPA 17A; Wet Chemical Extinguishing Systems, 1994 Edition

NFPA 20; Installation of Centrifugal Fire Pumps, 1993 Edition

NFPA 22; Water Tanks for Private Fire Protection, 1993 Edition.

NFPA 24; Installation of Private Fire Service Mains and Their Appurtenances, 1992 Edition

NFPA 25; Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 1992 Edition

NFPA 72; National Fire Alarm Code, 1993 Edition

NFPA 92A; Smoke Control Systems, 1993 Edition.

NFPA 92B; Smoke Management Systems in Malls, Atria, Large Areas, 1991 Edition.

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

NFPA 110; Emergency and Standby Power Systems, 1993 Edition.

NFPA 231; General Storage, 1990 Edition.

NFPA 231C; Rack Storage of Materials, 1991 Edition.

NFPA 231D; Storage of Rubber Tires, 1994 Edition.

NFPA 231F; Storage of Rolled Paper, 1987 Edition.

NFPA 1123; Outdoor Display of Fireworks, 1990 Edition.

NFPA 1126; Use of Pyrotechnics Before a Proximate Audience, 1992 Edition.

NFPA 2001; Clean Agent Fire Extinguishing Systems, 1994 Edition.

53. Appendix II-F "Protected Aboveground Tanks For Motor Vehicle Fuel-Dispensing Stations Outside Buildings" is amended by revising Sub-section 4.5 as follows:

4.5 Projectile Protection. "Protected Tanks" shall be provided projectile protection which is tested in accordance with the requirements for bullet resistance as specified in Section 7702.3.4.3.

54. Appendix III-A "Fire Flow Requirements for Buildings", Section 5.2., the Exception is revised as follows:

EXCEPTION: When a building(s) is provided with an approved automatic sprinkler system throughout, a reduction in the required fire flow of up to 50% is permitted. In buildings with floors used for human occupancy more than 3 stories in height or more than 55 feet above the lowest level of fire apparatus access, the maximum fire flow reduction allowed is 25%. Building(s) which are used for high-piled combustible stock or contain more than 1,000 gallons of flammable and/or combustible liquids are permitted a reduction of 25% in the required fire flow. The resulting fire flow for all buildings shall not be less than 1,500 gallons per minute.

55. Appendix III-B "Fire Hydrant Guide for Location and Distribution", is revised as follows:

I. Scope

Fire hydrants shall be provided in accordance with this "Guide for the protection of buildings or portions of buildings, or facilities hereafter constructed.

II. Plans

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

III. Fire Hydrant Distribution

The number and spacing of fire hydrants shall meet the approval of the Fire 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 600 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 400 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.

EXCEPTION: The maximum distance to a fire hydrant for dead-end streets may be increased to 400 feet.

5. 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.

6. 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 1,000 gallons per minute per fire hydrant.

7. Fire hydrants on adjacent properties shall not be considered unless fire apparatus access roads extend between properties and easements are established to prevent obstruction of such roads & fire hydrants and a written contractual agreement exists.

8. Where streets are provided with median dividers or arterial streets are provided with four 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 500 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 4 or more travel lanes and federal or state highways regardless of the number of travel lanes.

9. 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.

10. 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.

11. Two sources of supply are required whenever there are 4 or more fire hydrants installed on a single system.

IV. 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 Bureau's Guidelines for Fire Hydrant Installation and Specifications.

V. Fire Hydrant Specifications

Fire hydrants shall conform to the 1985 Edition of the American Water Works Association's Standard, C502, entitled "Standard for Dry-Barrel Fire Hydrant". One copy is on file in the City Clerk's Office. All fire hydrants shall comply with the specifications of the Fire Prevention Bureau's Guidelines for Fire Hydrant Installation and Specifications.

15.32.040 ENFORCEMENT AUTHORITY.

The City of Henderson Fire Code shall be enforced by the Fire Prevention Bureau of the Henderson Fire Department, which shall be operated under the supervision of the Chief of the Fire Department.

15.32.050 STATE FIRE MARSHAL'S REGULATIONS.

Pursuant to NAC #477.280, the Fire Prevention Bureau of the Henderson Fire Department, which is established under the supervision of the Chief of the Fire Department shall enforce the regulations adopted by the State Fire Marshal.

15.32.060 CITATIONS.

The Chief of the Henderson Fire Department and members of the Fire Prevention Bureau 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.

15.32.070 APPEALS AND RELIEF FROM REGULATIONS.

All decisions made by the Chief of the Fire Department under any discretionary authority granted to him by Sections 2.28.040 of the Henderson Municipal Code; or any discretionary Section contained in the Uniform Fire Code; or any local amendment to the Uniform Fire Code are subject to review by the City Council. Presentation of a written protest by an affected party must be made to the Chief's Office with a copy filed with the City Clerk within thirty days from the date of the action protested.

Any person desiring relief from any of the provisions adopted by the Nevada State Fire Marshal Division must appeal same in accordance with NRS 477.285. Written approval from the State Fire Marshal's Office for relief from regulations adopted by the State shall be required prior to any appeal to the City Council for relief in regulations contained in this Ordinance which are also contained in the State Fire Marshal's Regulations.

15.32.080 PENALTIES.

(a) Any person who violates any of the provisions of the Code or Standards hereby adopted or fail to comply therewith, or who violates or fails to comply with any order made thereunder, or who builds in violation of any detailed statement of specifications or plans submitted and approved thereunder, or any certificate or permit issued thereunder, and from which no appeal has been taken, or who fails to comply with such an order as affirmed or modified by the Chief, Fire Prevention Division, City Council or State Fire Marshal or by a court of jurisdiction, within the time fixed herein, shall severally for each and every such violation and noncompliance, respectively, be guilty of a misdemeanor, punishable by a fine of not more than \$1,000 or by imprisonment for not more than six months or by both such fine and imprisonment. The imposition of one penalty for any violation shall not excuse the violation or permit it to continue; and all such persons shall be required to correct or remedy such violations or defects within a reasonable time; and when not otherwise specified, each day that prohibited conditions are maintained shall constitute a separate offense.

(b) The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

SECTION 3. REPEAL OF CONFLICTING ORDINANCES. All former ordinances or parts thereof conflicting or inconsistent with the provisions of this ordinance or of the Code or Standards hereby adopted are hereby repealed.

SECTION 4. VALIDITY. The City Council of the City of Henderson, Nevada hereby declares that should any section, paragraph, sentence or word of this ordinance or of the Code or Standards hereby adopted be declared for any reason to be invalid, it is the intent of The City Council of the City of Henderson, Nevada that it would have passed all other portions of this ordinance independent of the elimination therefrom of any such portion as may be declared invalid.

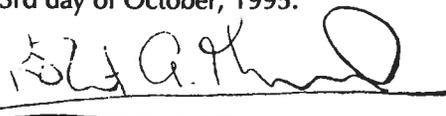
SECTION 5. DATE OF EFFECT. A copy of this Ordinance shall be filed with the office of the City Clerk, and notice of such filing shall be published once by title in the Henderson Home News, a newspaper having general circulation in the City of Henderson, at least one (1) week prior to the adoption of said Ordinance, and following approval shall be published by title (or in full if the Council by majority vote so orders) together with the names of the Councilmen voting for or against passage for at least one (1) publication before the Ordinance shall become effective.

SECTION 6. If any section, subsection, paragraph, clause or provision of this Ordinance shall for any reason be held invalid or unenforceable, the invalidity or unenforceability of such section or subsection, paragraph, clause or provision shall not affect any of the remaining provisions of this Ordinance.

SECTION 7. All ordinances, or parts of ordinances, sections, subsection, phrases, sentences, clauses or paragraphs contained in the Municipal Code of the City of Henderson, Nevada, in conflict herewith are repealed.

SECTION 8. A copy of this Ordinance shall be filed with the office of the City Clerk, and notice of such filing shall be published once by title in the Henderson Home News, a newspaper having general circulation in the City of Henderson, at least one (1) week prior to the adoption of said Ordinance, and following approval shall be published by title (or in full if the Council by majority vote so orders) together with the names of the Councilmen voting for or against passage for at least one (1) publication before the Ordinance shall become effective.

PASSED and ADOPTED this 3rd day of October, 1995.



ROBERT GROESBECK, MAYOR

ATTEST:



SUSAN ROBISON, CITY CLERK

The above and foregoing Ordinance was first proposed and read in title to the City Council on -September, 19, 1995, which was a Regular Meeting and referred to a Committee of the following Councilmen:

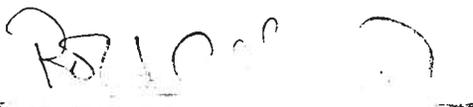
"COUNCIL AS A WHOLE"

Thereafter, said Committee reported favorably on the Ordinance on October 03, 1995, which was a Regular Meeting of the Henderson City Council, at which time the Ordinance was read in title and adopted by the following roll call vote:

Those voting AYE: All

Those voting NAY: None

Those Absent: None



ROBERT GROESBECK, MAYOR

ATTEST:



SUSAN ROBISON, CITY CLERK