

1 BILL NO. 93-30

2 Ordinance No. 3727

3 AN ORDINANCE RELATING TO THE ERECTION, INSTALLATION, ALTERATION,  
4 ADDITION, REPAIR, RELOCATION, REPLACEMENT, MAINTENANCE AND USE OF  
5 PLUMBING SYSTEMS; AMENDING TITLE 16, CHAPTER 28, SECTION 10, OF THE  
6 MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY  
7 DELETING ALL REFERENCES TO THE 1988 EDITION OF THE UNIFORM PLUMBING  
8 CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU  
9 THEREOF, THE 1991 EDITION OF THE UNIFORM PLUMBING CODE AS PART 1 OF  
10 SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL  
11 DOCUMENT ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE,  
12 IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT ENTITLED: "A  
13 SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM PLUMBING CODE, 1991  
14 EDITION", AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND  
15 AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1991 EDITION;  
16 PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING  
17 PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR  
18 PARTS OF ORDINANCES IN CONFLICT HEREWITH.

12 Sponsored by:

13 Mayor Jan Laverty Jones

Summary: Adopts the 1991 Edition of the Uniform  
Plumbing Code, together with a Supplemental  
Document which provides additions thereto,  
deletions therefrom and amendments thereto, as the  
City's Plumbing Code.

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

17 SECTION 1: Title 16, Chapter 28, Section 10, of the Municipal Code of  
18 the City of Las Vegas, Nevada, 1983 Edition, is hereby amended to read as follows:

19 16.28.010: Those certain documents, three copies of each being on file in the Office of the City  
20 Clerk, and designated as follows, are adopted by reference and made a part of this Code, to the  
21 same effect as if set out herein in full:

22 (A) Uniform Plumbing Code, [1988] 1991 Edition, including its  
23 Standards and Appendices, except Appendix H, hereby designated as Part 1 of this Chapter;

24 (B) A supplemental document adding to, deleting from and amending the  
25 Uniform Plumbing Code, [1988] 1991 Edition, hereby designated as Part 2 of this Chapter.

26 SECTION 2: The supplemental document amending the 1988 Edition of the

1 Uniform Plumbing Code is hereby repealed in its entirety.

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

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

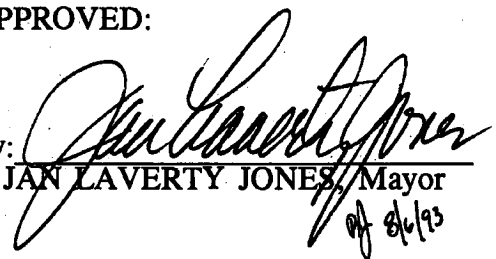
18 SECTION 5: All ordinances or parts of ordinances, sections, subsections,  
19 phrases, sentences, clauses or paragraphs contained in the Municipal Code of the City of Las

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24 ...  
25 ...  
26 ...

1 Vegas, Nevada, 1983 Edition, in conflict herewith are hereby repealed.

2 PASSED, ADOPTED and APPROVED this 4th day of August  
3 1993.

4 APPROVED:

5  
6 By:   
7 JAN LAVERTY JONES, Mayor  
8 of 8/6/93

9 ATTEST:

10   
11 KATHLEEN M. TIGHE, City Clerk

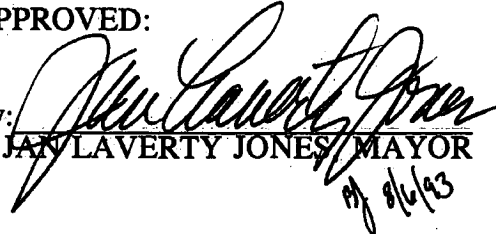
12 The above and foregoing ordinance was first proposed and read by title to  
13 the City Council on the 7th day of July, 1993, and referred to the following committee  
14 composed of FULL COUNCIL and for  
15 recommendation; thereafter the said committee reported favorably on said ordinance on the 4th  
16 day of August, 1993, which was a regular meeting of said Council; that at said  
17 regular meeting, the proposed ordinance was read by title to the City Council as first  
18 introduced and adopted by the following vote:

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

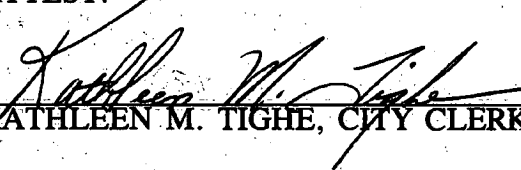
20 VOTING "NAY": NONE

21 ABSENT: Councilman Nolen

22 APPROVED:

23 By:   
24 JAN LAVERTY JONES, MAYOR  
25 of 8/6/93

26 ATTEST:

27   
28 KATHLEEN M. TIGHE, CITY CLERK

**A SUPPLEMENTAL DOCUMENT AMENDING  
THE UNIFORM PLUMBING CODE, 1991 EDITION**

**Section 1: ADDITIONS**

The Uniform Plumbing Code, 1991 Edition, as adopted by reference in subsection (A) of Section 16.28.010 of the Municipal Code of the City of Las Vegas, 1983 Edition, shall be modified as hereinafter provided.

**Section 2: APPLICATION AND SCOPE**

The provisions of the Uniform Plumbing Code and this Supplemental Document, as herein adopted (hereinafter the "Code"), shall apply to all new construction, relocated buildings and to any alterations, repairs, or reconstruction, except as provided for otherwise in this Code.

**Section 3:** Several provisions of this Code are parallel or similar to provisions of the Uniform Administrative Code, 1991 Edition, as adopted by the City. Both codes shall be applied to the extent possible. In the event of conflict, the provisions of Section 106 of the Administrative Code shall govern, unless otherwise deemed appropriate by the Director of the Department of Building and Safety or his designee.

**Section 4:** Any reference in this Code to the Administrative Authority shall be deemed to refer to the Director of the Department of Building and Safety or his designee (hereinafter referred to as the "Director").

**Section 5: GENERAL INFORMATION**

A. It shall be unlawful for any person to conduct, carry or engage in the business of plumbing or act in the capacity of a plumbing contractor without first having obtained a license from the State of Nevada Contractors Board to carry on the trade of plumbing.

B. It shall be unlawful for any person to conduct, carry on or engage in the business of installing, altering or repairing sewers or private sewage disposal systems without first having obtained a license from the State of Nevada Contractors Board to carry on the trade of plumbing.

C. It shall be unlawful for any person to work or labor at the trade of plumbing unless that person has successfully passed an examination by an approved agency and has a valid current Plumber's Certificate of Qualification,

as required by the Nevada Revised Statutes and the Rules and Regulations of the State of Nevada Contractor's Board.

D. Contractors that are described in Section 7(F) and their employees engaged in the construction of underground utility lines, as described in that Section, are exempt from any provisions of this Chapter requiring a Certificate of Qualification, but such contractors must possess both a valid State Contractors License and a City of Las Vegas business license to carry on the business of contracting, as distinct from engaging in the business of plumbing.

#### **Section 6: DEFINITIONS AND QUALIFICATIONS OF CONTRACTORS AND PLUMBERS**

A. A Plumbing Contractor is a person who is the holder of a license from the State of Nevada Contractor's Board and a business license from the City of Las Vegas to carry on the trade of plumbing.

B. A Certified Plumber is a person who has successfully passed an examination given by an approved agency and has a valid current Plumber's Certificate of Qualification.

C. A Master Plumber is a person who was certified as such by a local entity before July 1, 1985.

D. A Qualified Individual or QI is a person who has passed an appropriate examination(s) of the State of Nevada Contractor's Board subsequent to July 1, 1985, and otherwise meets the qualifications of, and has been accepted by, the State of Nevada Contractor's Board as a Qualified Individual in one or more of the subcategories of plumbing (or as appropriate to the work to be permitted) contracting after July 1, 1985.

#### **Section 7: PERMITS**

(A) Permits may be issued to plumbing contractors having a State of Nevada Contractors license and City of Las Vegas Business License for any plumbing or drainage work regulated by the Uniform Plumbing Code.

(B) Permits may be issued to any properly licensed person to install, alter or enlarge irrigation systems providing required vacuum breakers are installed to existing water lines.

(C) Permits may be issued for the installation of automatic

fire extinguishing systems to licensed Fire Sprinkling Contractors or Licensed Plumbing Contractors provided all work shall conform to the requirements of the National Board of Fire Underwriters Standard #13, latest edition.

(D) Permits may be issued to any person to do plumbing or drainage work regulated by the Uniform Plumbing Code, in a single family dwelling used exclusively for living purposes, including the usual accessory buildings or quarters in connection with such buildings provided that such person is the bona fide owner of such dwelling and accessory buildings or quarters, and the same are occupied or designated to be occupied by said owner.

(E) A permit may be issued for the original installation of permanent and rental water softening equipment, provided the work done involves only minor changes in the existing water lines. Every application for a permit shall be accompanied by a sketch or drawing of the proposed installation. The person making the installation must have successfully passed an examination given by an approved agency for a limited certificate of competency, permitting the holder to make minor changes in the present water system to install only permanent and rental water softening equipment. If the installation involves connecting to the drainage system, this work must be done by a certified plumber unless the building is provided with a drain connection suitable for the purpose of connecting a water softener. For purposes of this paragraph, "minor changes" in the water system shall be construed to mean that no more than one cut into the existing water lines will be required.

(F) A permit may be issued to any general engineering contractor, or to any sewer, sewage disposal, drain and pipe-laying contractor, pipeline contractor or industrial piping contractor within their respective specialties, licensed by the State of Nevada, for the construction and installation of sewer, water, or other underground utility lines on private or public property up to a point not less than five (5) feet from the building and with respect to mobile home or recreational vehicle parks, for installation of pipeline systems in accordance with approved plans.

(G) A permit may be issued to any refrigeration or air conditioning contractor who holds both a valid State of Nevada Contractors License, classification C-21 (a) or (b) and a valid business license issued by the City of Las Vegas, to install gas piping which is directly related and necessary to the repair or replacement of a refrigeration, heating or air conditioning system, not exceeding 500,000 BTUH per permit based on natural gas input. The permittee shall only use qualified workmen who have met the City of Las Vegas require-

ments for installation of gas lines. The permittee shall not modify or alter any gas piping except for that gas piping allowed by this subsection.

**Section 8: RESPONSIBILITY FOR CERTIFICATION AND REVOCATION OF CERTIFICATE RECOGNITION**

A. The plumbing contractor shall be responsible for determining if plumbers under his control have certificates.

B. Upon presentation to the Director of charges that the holder of any certificate has violated any provisions of this Code or other City ordinance regulating plumbing installations and permits, or is incompetent or unfit to comply with such regulations, the Director may seek action by the City Council to suspend or revoke recognition of the certificate or take other disciplinary measures. All recommendations must be filed through the Director who will proceed with all necessary paperwork for Council action. The certificate holder shall be given notice of the allegations against him and the opportunity to appear at the hearing to refute said charges. If after such hearing it is voted to recommend the suspension or revocation of recognition of the certificate, the holder shall be notified in writing by the Director that such a recommendation has been made and that unless he can show good and sufficient cause to the City Council why recognition of the certificate should not be revoked, then the City Council may order the Director to revoke the same. This notification shall be delivered to the holder of the certificate at least ten (10) days in advance of the action by the City Council. When a certificate has been revoked, a new one shall not be granted to the same person to perform plumbing work within the City of Las Vegas until said person has waited at least one (1) year and the City Building Official determines that the applicant meets all of the requirements of this ordinance. The City Council can at any time on its own motion after notice and hearing and for good and proper cause, revoke or suspend any certificate or take other disciplinary action against the holder.

**Section 9: A. CERTIFICATION**

(a) **Certification.** A master plumber or qualified individual certification shall be recognized and accepted by the building department upon receipt of a certification issued by a third-party independent agency recognized by this department as demonstrating competency in the field of plumbing.

**EXCEPTION:** A Master or Qualified Individual may act for two or more contracting businesses in which he himself holds at least 50 percent ownership. The Master or Qualified Individual certificate holder shall be a supervisory employee of, or otherwise have principal responsibility for the continuing operation of, the contracting business.

(b) **Renewal of Certificates.** Every Master and Qualified Individual are required to insure that their Master and Qualified Individual certifications are maintained in a current active status in accordance with the third party testing agency accepted by the State of Nevada Contractor's Board and to renew as required.

(c) **Recognition of Certificate.** A Master or Qualified Individual who has been found not to meet the qualification standard of the State of Nevada Contractor's Board for a Qualified Individual in any plumbing contractor's license classification shall not be recognized as certified, until the individual meets the standards of certification by re-examination.

(d) **Reciprocal sanctions.** The record of disciplinary action taken by any governmental entity in Clark County against a holder of a master or qualified individual certificate holder shall be reviewed by the Administrative Authority who shall determine if sanctions shall be imposed upon the individual.

## **B. PLAN/CALCULATION PREPARATION**

(a) It shall be the responsibility of every contractor and his Master Plumber or Qualified Individual to inform the Department of Building and Safety in writing of any change of employment status of his Master or Qualified Individual within ten (10) days thereafter.

(b) When plans and calculations are not stamped with the seal of an architect or engineer who is responsible for the work, the plumbing contractor shall be responsible for design and conformance with this Code.

**EXCEPTION:** Plumbing permits issued to homeowners.

(c) A Master Certificate or Qualified Individual Certificate shall be valid for one business only. Simultaneous use of such certificate for more than one contractor shall be grounds for certificate revocation. Notwithstanding anything above to the contrary, an owner holding a Master Certificate may be the Master Plumber for his own business.

**Section 10: OCCUPANCY FEES FOR SEWER CONNECTION (See Chapter 14.04  
of the Las Vegas Municipal Code for Schedule of Fees)**

Occupancy fees for sewer connection shall be due at the time of issuance of building permit or occupancy change. An application for occupancy change shall include the deposit for any additional fees that are required to be paid. Credit for existing sewer shall be applied to the new sewer fees based on previous type of occupancy and only when the new occupancy requires an additional fee. The Director may authorize the refunding of sewer connection fees which are erroneously paid or collected and in instances where construction is not performed. All applications for refunds must be filed in writing by the original permittee not later than 180 days after the date of payment. All refunds are subject to an administrative fee to cover the processing of permits and refund applications. The administrative fee shall not be more than twenty percent (20%) of the total connection fee.

**Section 11: SEWER TRUNK EXTENSION AND OVERSIZING - REFUNDING AGREEMENTS**

A. Sewer trunk extensions and oversizing necessary to serve real property within the City of Las Vegas which is incapable of being served by existing sewer trunks may be installed pursuant to refunding agreements, at the discretion of the Director of Public Works, in accordance with the following procedures:

(1) An applicant for a refunding agreement will file an application therefor with the Department of Public Works, accompanied by an original tracing plan and profile design of the proposed installation.

(2) The Director of Public Works shall designate the sizing for the proposed trunk extension; the depth at which it shall be installed; the number, location and type of appurtenances to be included therein and the location of the area from which the refund therefor will be derived.

(3) Upon receipt of written notice from the Director of Public Works of the approval of the application and of the plans for such installation, as submitted or as may have been modified in such approval, the applicant shall submit to the Department of Public Works at least three (3) written bids from licensed sewer contractors for the construction of the proposed sewer trunk extension in accordance with the approved plans therefor; provided,

however, that the Director of Public Works, at his discretion and upon good cause shown, may waive the requirement of those written bids.

(4) Any sewer trunk extension and appurtenant installation under a refunding agreement shall conform to the standard specifications for public works' construction then in force in the City and shall be subject to the approval of and acceptance by the City prior to the use thereof.

(5) Upon the completion of construction of any such sewer trunk extension, "as built" plans of said installation shall be filed with the Department of Public Works.

B. Recovery under each such refunding agreement shall apply only to that portion of the extended sewer trunk in excess of two hundred (200) feet from its connection to the existing sewer trunk, and the amount recoverable thereunder shall be as specified in the agreement but not to exceed ninety-five (95%) of the amount, based upon the lowest acceptable bid, actually expended by the applicant, after any appropriate adjustment in cost, in the construction of such sewer trunk extension; provided, however, that the cost resulting from any over-sizing of such extended sewer trunk at the request of the City shall be pursuant to separate agreement and shall be paid by the City in accordance therewith or within thirty (30) days after the acceptance by the City of such extended sewer trunks, or as specified in the agreement.

C. Unless otherwise provided by agreement, refunds pursuant to each refunding agreement shall be made by the City on or before the 1st day of August in each year on the basis of, and shall be limited to, one-hundred percent (100%) of the funds received by the City from connection fees paid by the owners of the properties situated within the area designated in such refunding agreement as being subject thereto which were connected onto the sewer trunk extension installed pursuant to that particular refunding agreement during the preceding fiscal year; provided, however, that the right to any refund thereunder shall expire on the tenth anniversary of the execution of such agreement and provided, further, that in no event shall the aggregate refund to be made under any such refunding agreement ever exceed ninety-five percent (95%) of the costs expended by the applicant for such refunding agreement.

**Section 12: MODIFICATIONS OF UNIFORM PLUMBING CODE**

A. Section 30.4 of the Uniform Plumbing Code is hereby amended by deleting the Schedule of Fees and substituting therefor the following:

Fees shall be in accordance with the Fee Tables in the Uniform Administrative Code, as adopted by the City.

B. Section 104 (f) of the Uniform Plumbing Code is hereby amended by deleting the definition of combustibile construction and substituting therefor a new definition, reading as follows:

Combustible Construction, as referred to in this Code, is Type III one hour; Type III-N; Type IV Heavy Timber; Type V one hour; or Type V-N construction as described in the Uniform Building Code, 1991 Edition.

C. Section 304 of the Uniform Plumbing Code is hereby amended by adding thereto a new subsection (c), reading as follows:

(c) Subsurface drainage shall drain to an approved storm drain. No subsurface drainage shall be discharged into a sanitary sewer or public sewer without special written approved from the Public Works Department. In no case shall such drainage be discharged upon public property, such as alleys or streets, or upon any other person's private property.

D. Section 310(d) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Single stack DWV sovent systems may be used provided they are designed by a Nevada registered mechanical engineer and approved by the administrative authority.

E. Section 315(b) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

All piping penetrating concrete and masonry work in footings, stemwalls and slab perimeter shall be sleeved with an approved material. Voids under tubs must be appropriately sealed to prevent entrance of rodents, insects, etc.

F. Section 315(e) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

All copper water piping under the slab must be sleeved.

G. Section 315(f) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Any water pipe installed exposed to exterior temperatures must be insulated.

H. Section 318(b) (3) of the Uniform Plumbing Code is hereby amended by deleting each reference to a ten foot (10') (3 m.) head of water and substituting therefor a four foot (4') (1.2 m.) head of water.

I. Sections 401(a) (2) and 503(a) (2) of the Uniform Plumbing Code are each hereby deleted and the following is adopted in lieu thereof:

(2) Non-metallic piping installations including rain-water piping shall be limited to those structures where combustible construction is allowed. Penetration of fire-resistive construction shall conform to the requirements of Sections 4304 and 4305 of the Uniform Building Code, 1991 Edition.

J. Section 708(b) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Grease interceptors shall be located on the exterior of the building unless otherwise specifically approved in writing by the Clark County Health District.

K. Section 710 of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Drains for automotive wash-racks, garages and car bays at car dealerships shall discharge into a sandtrap located outside the building.

L. Section 711(f) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Evidence of actual ongoing maintenance of any grease trap or interceptor shall be kept on the premises at all times and shall be in a form acceptable to the Director or his representative.

M. Section 712 of the Uniform Plumbing Code is hereby deleted and a new Section 712 is adopted in lieu thereof, reading as follows:

Section 712: Grease interceptors for commercial kitchens may be sized in accordance with the following formula:

$D^{.75}$  (to the 0.75 power) x (GL) x (ST) x HR/2 x LF =  
Interceptor Size (Gallons)

D = number of seats in dining area

GL = gallons of waste water per diner per meal  
(normally four gallons)

ST = storage capacity factor (minimum of 1.7)

HR = greatest number of hours the business is open per  
day

LF = loading factor (normally 0.5); 1.0 for high heat  
discharge

N. Section 908(b) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Any water system that includes flushometer valves shall also include a water-hammer arrestor.

O. Section 910 of the Uniform Plumbing Code is hereby deleted and a new Section 910 is adopted in lieu thereof, reading as follows:

Each building shall be provided with the minimum sanitary facilities that are required for that building's occupancy, as set forth in Appendix C.

P. Section 1004(a) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

PB pipe may be installed by using IAPMO Installation Standard 22-90 "Installation Standard for Polybutylene hot and cold water-distribution tubing systems using metal insert fittings".

Q. Section 1007 of the Uniform Plumbing Code is hereby amended by adding thereto a new subsection (h), reading as follows:

(h) Temperature and pressure relief valve drains may terminate to the following areas:

1. Floor sink.
2. Floor drain.
3. Washing machine standpipe (if approved in connection with plan review).

When properly installed and functioning, relief valves should discharge water rather than steam, and drain terminals should be located so that the direction of discharge is away from areas normally used for occupancy.

R. Section 1008(e) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

PB pipe shall be tested by a 100 P.S.I. hydrostatic test.

S. Section 1206(c) (2) of the Uniform Plumbing Code is hereby amended by adding thereto a new sentence, reading as follows:

Pressure test for plastic piping supplying natural gas at 14" water column or less shall be 30 P.S.I. for ten (10) minutes. For supply pressure over 14" of water column, test pressure shall be at 60 P.S.I. for at least 30 minutes.

T. Section 1213(b) of the Uniform Plumbing Code, subsection 37 of Appendix E of the Uniform Plumbing Code and Uniform Plumbing Code Installation Standards 10-86 and 12-85 are hereby amended by adding an additional paragraph, reading as follows:

Gas piping shall not enter a building or covered structure below the slab. Underground gas piping passing under a slab-on-grade, or portion thereof, shall be run through a conduit that is gastight where it passes under the slab-on-grade and for at least one (1) foot beyond, where it must be vented to the atmosphere and protected to prevent entrance of foreign material. The conduit must have an interior diameter of at least one-half inch (1/2") larger than the outside diameter of the pipe and be at the proper depth under the slab-on-grade for material used as gas piping. All venting must be outside of any building or covered structure.

U. Section 1215(a) of the Uniform Plumbing Code is hereby amended by adding thereto the following:

Liquefied petroleum gas piping must be inspected and approved by the Department of Building and Safety and liquefied petroleum gas tanks must be inspected by the Department of Fire Services. Island stoves using liquefied petroleum gas shall not be permitted where piping is below slab.

V. Chapter 12 and Appendix E of the Uniform Plumbing Code are hereby amended by adding a new paragraph, which relates

to fuel gas piping in mobile home and recreational vehicle parks, reading as follows:

All mobile home parks and lots in recreational vehicle parks shall be served individually by the duly franchised gas serving utility supplying gas from the main street.

W. The Uniform Plumbing Code is hereby amended by adding two additional paragraphs, which relate to ABS-PVS piping and fittings, reading as follows:

The installation of ABS-PVC traps, interceptors, indirect waste piping and special wastes shall be limited by Section 401(a)(2) of the Uniform Plumbing Code, 1991 Edition.

X. The Uniform Plumbing Code is hereby amended by adding a new Chapter 14, to be entitled WATER CONSERVATION.

#### **Section 1401: Definitions**

(a) "Commercial, industrial and public construction" as used in this Chapter, means all commercial, industrial and public establishments, including but not limited to, restaurants, bars, nightclubs, public buildings, comfort stations, schools, gymnasiums, factories, offices and athletic clubs.

(b) "Residential construction", as used in this Chapter, means all single family dwellings, apartments, condominiums, hotels, motels and townhouses.

(c) "Water closet", as used in this Chapter, means any fixture consisting of a water flushed bowl, with a seat, used for the disposal of human wastes.

(d) "Urinal", as used in this Chapter, means a fixture consisting of a water flushed bowl used for the disposal of human urine.

#### **Section 1402: New construction: residential uses.**

In all new residential construction and in all replacement of plumbing fixtures in existing residential construction, the following conservation devices shall be installed and maintained:

(a) All mixing faucets must be designed to deliver a maximum of three (3) gallons per minute or must be equipped with flow control devices that deliver a maximum of three (3) gallons per minute.

(b) All shower heads shall be of a type that deliver a maximum of three (3) gallons per minute.

(c) All water closets shall be designed to use a maximum of three and one-half (3 1/2) gallons per flush.

(d) Evaporative cooling systems must be equipped with water recycling or reuse systems.

(e) All fountains, waterfalls, and other decorative, water-using facilities shall be equipped with water recycling or reuse systems.

(f) All irrigation systems must be equipped with timing devices.

**Section 1403: New construction, commercial, industrial, and public uses.**

In all new commercial, industrial and public construction and in all replacement of plumbing fixtures in existing commercial, industrial and public construction, the following conservation devices shall be installed and maintained:

(a) All hot water systems that recirculate hot domestic or potable water shall have the circulating portion of the system, including the main supply and return pipes, insulated with materials approved by the Administrative Authority pursuant to Section 201 of the Uniform Plumbing Code, as it may be amended from time to time.

(b) All shower heads shall be of a type that delivers a maximum of three (3) gallons per minute.

(c) All water closets shall be designed to use a maximum of three and one-half (3 1/2) gallons per flush.

(d) All lavatories must be equipped with either spring loaded faucets that close when not in use or faucets that are equipped with metering valves that close automatically after delivering a maximum of .25 gallons. Multiple faucets activated from a

single point are prohibited.

**EXCEPTIONS:**

(1) Faucets in public restrooms that are designed for use by physically handicapped persons, and

(2) Restrooms that are monitored by an attendant.

(e) All fountains, waterfalls and other decorative water-using facilities shall be equipped with water recycling or reuse systems.

(f) All urinals shall be designed to use a maximum of two (2) gallons per flush. No urinals shall be installed which use a timing device to flush periodically irrespective of demand. Continuous flow urinals are prohibited.

**Section 1404: Administrative Allowance of Standard Fixtures**

Notwithstanding the provisions of Sections 1402 and 1403 of this Chapter, the Administrative Authority may allow the use of a standard fixture when, in his opinion, conformance would cause a health hazard or an unusual hardship and otherwise would accomplish the intent of this Chapter, or a greater quantity of water would be required to properly operate the fixture.

**PASSED, ADOPTED and APPROVED** this 4<sup>th</sup> day of

AUGUST, 1993.

**APPROVED:**

By



**ATTEST:**



# AFFIDAVIT OF PUBLICATION

RECEIVED  
CITY CLERK

Aug 26 11 08 AM '93

PASTE CLIPPING HERE

BILL NO. 93-30  
ORDINANCE NO. 3777

AN ORDINANCE RELATING TO THE ERECTION, INSTALLATION, ALTERATION, ADDITION, REPAIR, RELOCATION, REPLACEMENT, MAINTENANCE AND USE OF PLUMBING SYSTEMS; AMENDING TITLE 16, CHAPTER 28, SECTION 10 OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITION OF THE UNIFORM PLUMBING CODE AS PART 1 OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM PLUMBING CODE, 1991 EDITION" AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1991 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

Sponsored by:  
Mayor Jan Laverty Jones  
Summary: Adapts the 1991 Edition of the Uniform Plumbing Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Plumbing Code. The above and foregoing ordinance was first proposed and read by title to the City Council on the 5th day of May, 1993, and referred to the following committee composed of Full Council, for recommendation; thereafter the said committee reported favorably on said ordinance on the 4th day of August, 1993 which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:  
VOTING "AYE" Councilmen: Adamsen, Higginson, Hawkins Jr. and Mayor Jones  
VOTING "NAY" NONE  
EXCUSED: Councilman Nolan  
COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.  
PUB: August 7, 1993  
Las Vegas Review-Journal

STATE OF NEVADA)  
COUNTY OF CLARK) SS:

ANDREA DAVIS, being first duly sworn, deposes and says:

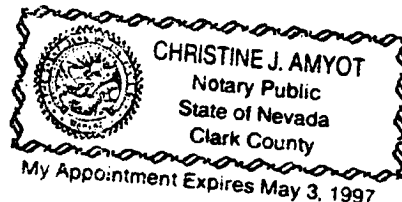
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of AUGUST 7, 1993 to AUGUST 7, 1993, on the following days:

AUGUST 7, 1993

Signed: Andrea Davis

Subscribed and sworn to before me this 10 day of August, 1993

Christine J. Amyot  
Notary Public



# AFFIDAVIT OF PUBLICATION

RECEIVED  
 CITY CLERK  
 Jul 27 10 39 AM 1993

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**BILL NO. 93-30**

AN ORDINANCE RELATING TO THE ERECTION, INSTALLATION, ALTERATION, ADDITION, REPAIR, RELOCATION, REPLACEMENT, MAINTENANCE AND USE OF PLUMBING SYSTEMS; AMENDING TITLE 16, CHAPTER 28, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITION OF THE UNIFORM PLUMBING CODE AS PART 1 OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM PLUMBING CODE, 1991 EDITION", AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1991 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

Sponsored by:  
 Mayor Jan Laverly Jones  
 Summary: Adopts the 1991 Edition of the Uniform Plumbing Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Plumbing Code. At a City Council meeting July 7, 1993.

BILL NO. 93-30 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Full Council.

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

PUB: July 22, 1993  
 Las Vegas Review-Journal

STATE OF NEVADA)  
 COUNTY OF CLARK) SS:  
 ANDREA DAVIS

\_\_\_\_\_, being first duly sworn, deposes and says:

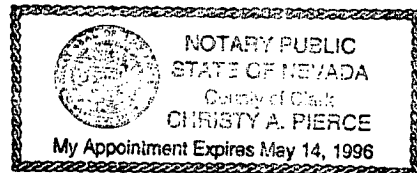
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of JULY 22, 1993 to JULY 22, 1993, on the following days:

JULY 22, 1993

Signed: Andrea Davis

Subscribed and sworn to before me this 22 day of July, 19 93

Christy A Pierce  
 Notary Public



# AFFIDAVIT OF PUBLICATION

Aug 26 11 08 AM '93

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BILL NO. 93-30  
ORDINANCE NO. 3727

AN ORDINANCE RELATING TO THE ERECTION, INSTALLATION, ALTERATION, ADDITION, REPAIR, RELOCATION, REPLACEMENT, MAINTENANCE AND USE OF PLUMBING SYSTEMS; AMENDING TITLE 16, CHAPTER 28, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITION OF THE UNIFORM PLUMBING CODE AS PART I OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM PLUMBING CODE, 1991 EDITION", AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1991 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

Sponsored by:  
Mayor Jan Laverty Jones  
Summary: Adopts the 1991 Edition of the Uniform Plumbing Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Plumbing Code. The above and foregoing ordinance was first proposed and read by title to the City Council on the 5th day of May, 1993, and referred to the following committee composed of Full Council, for recommendation; thereafter the said committee reported favorably on said ordinance on the 4th day of August, 1993 which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote: VOTING "AYE" Councilmen: Adamsen, Higginson, Hawkins Jr. and Mayor Jones  
VOTING "NAY" NONE  
EXCUSED: Councilman Nolen  
COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.  
PUB: August 7, 1993  
Las Vegas Review-Journal

STATE OF NEVADA)  
COUNTY OF CLARK) SS:

ANDREA DAVIS, 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 AUGUST 7, 1993 to AUGUST 7, 1993, on the following days:

AUGUST 7, 1993

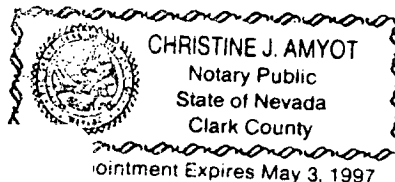
Signed: Andrea Davis

Subscribed and sworn to before me this

10 day of August, 19 93

Christine J. Amyot

Notary Public



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# AFFIDAVIT OF PUBLICATION

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CITY CLERK

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BILL NO. 93-30

AN ORDINANCE RELATING TO THE ERECTION, INSTALLATION, ALTERATION, ADDITION, REPAIR, RELOCATION, REPLACEMENT, MAINTENANCE AND USE OF PLUMBING SYSTEMS; AMENDING TITLE 16, CHAPTER 26, SECTION 10, OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY DELETING ALL REFERENCES TO THE 1988 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1991 EDITION OF THE UNIFORM PLUMBING CODE AS PART 1 OF SAID CHAPTER; REPEALING IN ITS ENTIRETY THE EXISTING SUPPLEMENTAL DOCUMENT ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, A NEW SUPPLEMENTAL DOCUMENT ENTITLED: "A SUPPLEMENTAL DOCUMENT AMENDING THE UNIFORM PLUMBING CODE, 1991 EDITION", AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1991 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH.

Sponsored by:

Mayor Jan Laverty Jones  
Summary: Adopts the 1991 Edition of the Uniform Plumbing Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto, as the City's Plumbing Code. At a City Council meeting JULY 7, 1993.  
BILL NO. 93-30 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Full Council.  
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.  
PUB: July 22, 1993  
Las Vegas Review-Journal

STATE OF NEVADA)  
COUNTY OF CLARK) SS:

ANDREA DAVIS

\_\_\_\_\_, 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 JULY 22, 1993 to JULY 22, 1993, on the following days:

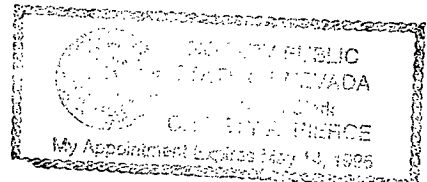
JULY 22, 1993

Signed: Andrea Davis

Subscribed and sworn to before me this

22 day of July, 19 93

Christy O'Pena  
Notary Public



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