

BILL NO. 90-70

ORDINANCE NO. 3543

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 1985 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 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, 1988 EDITION," AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1988 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HERewith.

Sponsored By:	Summary: Adopts the 1988 Edition of
Mayor Ron Lurie	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 CITY COUNCIL OF THE CITY OF LAS VEGAS DOES HEREBY
ORDAIN AS FOLLOWS:

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

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

(A) Uniform Plumbing Code, [1985] 1988 Edition,
including its Standards and Appendices, except Appendix H, hereby
designated as Part 1 of this Chapter;

(B) A supplemental document adding to, deleting from
and amending the Uniform Plumbing Code, [1985] 1988 Edition,
hereby designated as Part 2 of this Chapter.

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

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

11 SECTION 3: Whenever in this ordinance any act is
12 prohibited or is made or declared to be unlawful or an offense or
13 a misdemeanor, or whenever in this ordinance the doing of any act
14 is required or the failure to do any act is made or declared to
15 be unlawful or an offense or a misdemeanor, the doing of any such
16 prohibited act or the failure to do any such required act shall
17 constitute a misdemeanor and upon conviction thereof, shall be
18 punished by a fine of not more than \$1,000.00 or by imprisonment
19 for a term of not more than six (6) months, or by any combination
20 of such fine and imprisonment. Any day of any violation of this
21 ordinance shall constitute a separate offense.

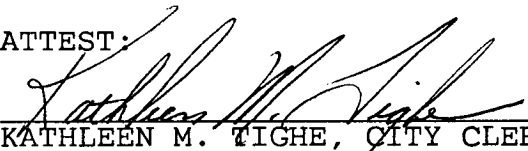
22 SECTION 4: All ordinances or parts of ordinances,
23 sections, subsections, phrases, sentences, clauses or paragraphs
24 contained in the Municipal Code of the City of Las Vegas, Nevada,
25 1983 Edition, in conflict herewith are hereby repealed.

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

28 APPROVED:

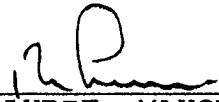
29 By 
30 RON LURIE, MAYOR OK 11-26-90 RLU

31 ATTEST:

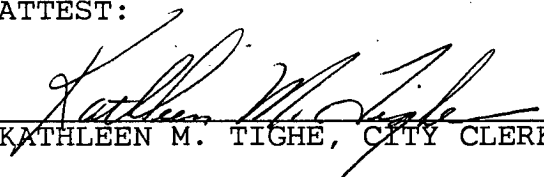
32 
KATHLEEN M. TIGHE, CITY CLERK

1 The above and foregoing ordinance was first proposed and
2 read by title to the City Council on the 17th day of October,
3 1990, and referred to the following committee composed of
4 Councilmen Miller and Higginson
5 for recommendation; thereafter the said committee reported
6 favorably on said ordinance on the 21st day of November, 1990,
7 which was a regular meeting of said Council; that at said
8 regular meeting, the proposed ordinance was read by
9 title to the City Council as first introduced and adopted by the
10 following vote:
11 VOTING "AYE": Councilmen Adamsen Higginson, Miller, and Mayor Lurie
12 VOTING "NAY": NONE
13 ABSENT: Councilman Nolen

14
15 APPROVED:

16 By 
17 RON LURIE, MAYOR OK 11-26-90 RAL

18 ATTEST:

19 
20 KATHLEEN M. TIGHE, CITY CLERK
21
22
23
24
25
26
27
28
29
30
31
32

1 A SUPPLEMENTAL DOCUMENT AMENDING
2 THE UNIFORM PLUMBING CODE, 1988 EDITION

3 Section 1: ADDITIONS

4 The Uniform Plumbing Code, 1988 Edition, as adopted by
5 reference in subsection (A) of Section 16.28.010 of the Muni-
6 cipal Code of the City of Las Vegas, 1983 Edition, shall be
7 modified as hereinafter provided.

8 Section 2: APPLICATION AND SCOPE

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

14 Section 3: Several provisions of this Code are parallel or
15 similar to provisions of the Uniform Administrative Code,
16 1988 Edition, as adopted by the City. Both codes shall be
17 applied to the extent possible. In the event of conflict,
18 the provisions of Section 106 of the Administrative Code
19 shall govern, unless otherwise deemed appropriate by the
20 Director of the Department of Building and Safety or his
21 designee.

22 Section 4: Any reference in this Code to the Administrative
23 Authority shall be deemed to refer to the Director of the
24 Department of Building and Safety or his designee (herein-
25 after referred to as the "Director").

26 Section 5: GENERAL INFORMATION

27 A. It shall be unlawful for any person to conduct, carry or
28 engage in the business of plumbing or act in the capacity of
29 a plumbing contractor without first having obtained a license
30 from the State of Nevada Contractor's Board to carry on the
31 trade of plumbing.

32 B. It shall be unlawful for any person to conduct, carry on

1 or engage in the business of installing, altering or
2 repairing sewers or private sewage disposal systems without
3 first having obtained a license from the State of Nevada
4 Contractor's Board to carry on the trade of plumbing.

5 C. It shall be unlawful for any person to work or labor at
6 the trade of plumbing unless that person has successfully
7 passed an examination by an approved agency and has a valid
8 current Plumber's Certificate of Qualification, as required
9 by the Nevada Revised Statutes and the Rules and Regulations
10 of the State of Nevada Contractor's Board.

11 D. Contractors that are described in Section 7(F) and their
12 employees engaged in the construction of underground utility
13 lines, as described in that Section, are exempt from any pro-
14 visions of this Chapter requiring a Certificate of Qualifica-
15 tion, but such contractors must possess both a valid State
16 Contractor's License and a City of Las Vegas business license
17 to carry on the business of contracting, as distinct from
18 engaging in the business of plumbing.

19 Section 6: DEFINITIONS AND QUALIFICATIONS OF CONTRACTORS AND
20 PLUMBERS

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

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

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

30 D. A Qualified Individual or QI is a person who has passed
31 an appropriate examination(s) of the State of Nevada Contrac-
32 tor's Board subsequent to July 1, 1985, and otherwise meets

1 the qualifications of, and has been accepted by, the State of
2 Nevada Contractor's Board as, a Qualified Individual in one
3 or more of the subcategories of plumbing (or as appropriate
4 to the work to be permitted) contracting after July 1, 1985.

5 Section 7: PERMITS

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

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

14 (C) Permits may be issued for the installation of automatic
15 fire extinguishing systems to licensed Fire Sprinkling
16 Contractors or Licensed Plumbing Contractors provided all
17 work shall conform to the requirements of the National Board
18 of Fire Underwriters Standard #13, latest edition.

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

27 (E) A permit may be issued for the original installation of
28 permanent and rental water softening equipment, provided the
29 work done involves only minor changes in the existing water
30 lines. Every application for a permit shall be accompanied
31 by a sketch or drawing of the proposed installation. The
32 person making the installation must have successfully passed

1 an examination given by an approved agency for a limited cer-
2 tificate of competency, permitting the holder to make minor
3 changes in the present water system to install only permanent
4 and rental water softening equipment. If the installation
5 involves connecting to the drainage system, this work must be
6 done by a certified plumber unless the building is provided
7 with a drain connection suitable for the purpose of con-
8 necting a water softener. For purposes of this paragraph,
9 "minor changes" in the water system shall be construed to
10 mean that no more than one cut into the existing water lines
11 will be required.

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

22 (G) A permit may be issued to any refrigeration or air con-
23 ditioning contractor who holds both a valid State of Nevada
24 Contractor's License, classification C-21 (a) or (b) and a
25 valid business license issued by the City of Las Vegas, to
26 install gas piping which is directly related and necessary to
27 the repair or replacement of a refrigeration, heating or air
28 conditioning system, not exceeding 500,000 BTUH per permit
29 based on natural gas input. The permittee shall only use
30 qualified workmen who have met the City of Las Vegas require-
31 ments for installation of gas lines. The permittee shall not
32 modify or alter any gas piping except for that gas piping

1 allowed by this subsection.

2 Section 8: RESPONSIBILITY FOR CERTIFICATION AND REVOCATION
3 OF CERTIFICATES

4 A. The plumbing contractor shall be responsible for deter-
5 mining if plumbers under his control have certificates.

6 B. Upon presentation to the City Plumbing Board of charges
7 that the holder of any certificate has violated any provi-
8 sions of this Code or other City ordinance regulating
9 plumbing installations and permits, or is incompetent or
10 unfit to comply with such regulations, the City Plumbing
11 Board may hold a hearing to determine whether or not a recom-
12 mendation should be made to the Director to seek action by
13 the City Council to suspend or revoke the certificate or take
14 other disciplinary measures. All recommendations must be
15 filed through the Director who will proceed with all
16 necessary paperwork for Council action. The certificate
17 holder shall be given notice of the allegations against him
18 and the opportunity to appear at the hearing to refute said
19 charges. If after such hearing it is voted to recommend the
20 suspension or revocation of the certificate, the holder shall
21 be notified in writing by the Director that such a recommen-
22 dation has been made and that unless he can show good and
23 sufficient cause to the City Council why the certificate
24 should not be revoked, then the City Council may order the
25 Director to revoke the same. This notification shall be
26 delivered to the holder of the certificate at least ten (10)
27 days in advance of the action by the City Council. When a
28 certificate has been revoked, a new one shall not be granted
29 to the same person to perform plumbing work within the City
30 of Las Vegas until said person has waited at least one (1)
31 year and the City Plumbing Board determines that the appli-
32 cant is competent and meets all of the requirements of this

1 ordinance. The City Council can at any time on its own
2 motion after notice and hearing and for good and proper
3 cause, revoke or suspend any certificate or take other
4 disciplinary action against the holder.

5 Section 9: CITY PLUMBING BOARD

6 There is hereby created a City Plumbing Board which shall
7 consist of ten (10) members appointed by the City Council as
8 follows:

9 One (1) representative of the water utility.

10 One (1) representative of the gas company.

11 Two (2) Master Plumbers or Qualified Individuals.

12 Two (2) Certified Plumbers.

13 Two (2) representatives of specialty industry.

14 One (1) State-registered Mechanical Engineer.

15 One (1) resident taxpayer, not directly affiliated with any
16 of the above industries.

17 The Director or his representative shall act a Secretary to
18 the Board, but will have no vote. Appointments to the Board
19 shall be made by the City Council for a term of two (2)
20 years, but any member may be removed from office at any time
21 by the City Council. A quorum of the said Board shall be
22 present in order to transact business.

23 The presence of six (6) members of the City Plumbing Board at
24 any meeting shall constitute a quorum for recommending
25 disciplinary action against any certificate holder, and for
26 the transaction of other business, and a majority vote of
27 such quorum shall prevail. The City Plumbing Board shall
28 elect from its membership a Chairman to preside at all
29 meetings. The Board shall keep an accurate record of all its
30 official transactions and render such reports and statements
31 as the Director or his representative may direct.

32 . . .

1 Section 10: MASTER AND QUALIFIED INDIVIDUAL CERTIFICATES

2 A. Every Master Plumber Certificate shall expire Decem-
3 ber 31st of each year and shall be renewable only upon
4 payment to the City of a fee of \$20.00. Every Master Cer-
5 tificate will remain in force and effective throughout the
6 calendar year of its issue, unless revoked after a hearing
7 for cause, including incompetency or willful violation of
8 this Code.

9 B. The holder of a valid Master Plumber Certificate issued
10 by any other entity within Clark County may apply for and
11 secure a reciprocal Master Plumber Certificate from the City
12 upon presentation of his action Master Plumber Certificate
13 along with the payment of a \$20.00 fee.

14 C. It shall be the responsibility of every contractor and
15 his Master Plumber or Qualified Individual to inform the
16 Department of Building and Safety in writing of any change of
17 employment status of his Master or Qualified Individual
18 within 10 days thereafter.

19 D. When plans and calculations are not stamped with the
20 seal of an architect or engineer who is responsible for the
21 work, the plumbing contractor shall be responsible for design
22 and conformance with this Code.

23 EXCEPTION: Plumbing permits issued to homeowners.

24 E. A Master Certificate or QI Certificate shall be valid
25 for one business only. Simultaneous use of such certificate
26 for more than one contractor shall be grounds for certificate
27 revocation. Notwithstanding anything above to the contrary,
28 an owner holding a Master Certificate may be the Master
29 Plumber for his own business.

30 . . .

31 . . .

32 . . .

1 Section 11: OCCUPANCY FEES FOR SEWER CONNECTION (See Chapter
2 14.04 of the Las Vegas Municipal Code, 1983
3 Edition, for Schedule of Fees)

4 Occupancy fees for sewer connection shall be due at the time
5 of issuance of building permit or occupancy change. An
6 application for occupancy change shall include the deposit
7 for any additional fees that are required to be paid. Credit
8 for existing sewer shall be applied to the new sewer fees
9 based on previous type of occupancy and only when the new
10 occupancy requires an additional fee. The Director may
11 authorize the refunding of sewer connection fees which are
12 erroneously paid or collected and in instances where con-
13 struction is not performed. All applications for refunds
14 must be filed in writing by the original permittee not later
15 than 180 days after the date of fee payment. All refunds
16 will be subject to an administrative fee to cover the pro-
17 cessing of permits and refund applications. The administra-
18 tive fee shall not be more than twenty percent (20%) of the
19 total connection fee.

20 Section 12: SEWER TRUNK EXTENSION - REFUNDING AGREEMENTS

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

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

30 (2) The Director of Public Works shall designate the
31 sizing for the proposed trunk extension; the depth at which
32 it shall be installed; the number, location and type of

1 appurtenances to be included therein and the location of the
2 area from which the refund therefor will be derived.

3 (3) Upon receipt of written notice from the Director of
4 Public Works of the approval of the application and of the
5 plans for such installation, as submitted or as may have been
6 modified in such approval, the applicant shall submit to the
7 Department of Public Works at least three (3) written bids
8 from licensed sewer contractors for the construction of the
9 proposed sewer trunk extension in accordance with the
10 approved plans therefor; provided, however, that the Director
11 of Public Works, at his discretion and upon good cause shown,
12 may waive the requirement of those written bids.

13 (4) Any sewer trunk extension and appurtenant installa-
14 tion under a refunding agreement shall conform to the stan-
15 dard specifications for public works' construction then in
16 force in the City and shall be subject to the approval of and
17 acceptance by the City prior to the use thereof.

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

21 B. Recovery under each such refunding agreement shall apply
22 only to that portion of the extended sewer trunk in excess of
23 two hundred (200) feet from its connection to the existing
24 sewer trunk, and the amount recoverable thereunder shall be
25 limited to ninety-five percent (95%) of the amount, based
26 upon the lowest acceptable bid, actually expended by the
27 applicant, after any appropriate adjustment in cost, in the
28 construction of such sewer trunk extension; provided,
29 however, that the cost resulting from any over-sizing of such
30 extended sewer trunk at the request of the City shall be pur-
31 suant to separate agreement and shall be paid by the City in
32 accordance therewith or within thirty (30) days after the

1 acceptance by the City of such extended sewer trunks.

2 C. Unless otherwise provided by agreement, refunds pursuant
3 to each refunding agreement shall be made by the City on or
4 before the 1st day of August in each year on the basis of,
5 and shall be limited to, one-hundred percent (100%) of the
6 funds received by the City from connection fees paid by the
7 owners of the properties situated within the area designated
8 in such refunding agreement as being subject thereto which
9 were connected onto the sewer trunk extension installed pur-
10 suant to that particular refunding agreement during the pre-
11 ceding fiscal year; provided, however, that the right to any
12 refund thereunder shall expire on the tenth anniversary of
13 the execution of such agreement and provided, further, that
14 in no event shall the aggregate refund to be made under any
15 such refunding agreement ever exceed ninety-five percent
16 (95%) of the costs expended by the applicant for such
17 refunding agreement.

18 Section 13: MODIFICATIONS OF UNIFORM PLUMBING CODE

19 A. Section 20.7 of the Uniform Plumbing Code is hereby
20 amended by deleting the Schedule of Fees and substituting
21 therefor the following:

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

24 B. Section 104 of the Uniform Plumbing Code is hereby
25 amended by adding thereto a new subsection (1), reading as
26 follows:

27 (1) Combustible Construction as referred to in the
28 Uniform Plumbing Code shall mean Type III one hour; Type
29 III-N; Type IV Heavy Timber; Type V one hour; or Type V-
30 N as required in Chapter 17 of the Uniform Building
31 Code, 1988 Edition.

32 C. Section 304 of the Uniform Plumbing Code is hereby

1 amended by adding thereto a new subsection (c), reading as
2 follows:

3 Subsurface drainage shall drain to an approved storm
4 drain. No subsurface drainage shall be discharged into
5 a sanitary sewer or public sewer without special written
6 approval from the Public Works Department. In no case
7 shall such drainage be discharged upon public property,
8 such as alleys or streets, or upon any other person's
9 private property.

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

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

17 E. Section 318(b)(3) of the Uniform Plumbing Code is hereby
18 amended by deleting each reference to a ten (10) foot (3 m.)
19 head of water and substituting therefor a four (4) foot
20 (1.2 m.) head of water.

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

24 (2) Non-metallic piping installations including rain-
25 water piping shall be limited to those structures where
26 combustible construction is allowed. Penetration of
27 fire-resistive construction shall conform to the
28 requirements of Sections 4304 and 4305 of the Uniform
29 Building Code, 1988 Edition.

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

32 Grease interceptors shall be located on the exterior of

1 the building unless otherwise specifically approved in
2 writing by the Clark County Health District.

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

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

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

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

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

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

$$20 \quad D^{.75} \text{ (to the 0.75 power) } \times (GL) \times (ST) \times HR/2 \times LF =$$
$$21 \quad \text{Interceptor Size (Gallons)}$$

22 D = number of seats in dining area

23 GL = gallons of waste water per dining area per meal

24 ST = storage capacity factor (minimum of 1.7)

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

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

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

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

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

4 Section 910: Each building shall be provided with the
5 minimum sanitary facilities that are required for that
6 building's occupancy, as set forth in Appendix C.

7 M. Section 1007 of the Uniform Plumbing Code is hereby
8 amended by adding thereto a new Subsection (h), reading as
9 follows:

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

- 12 1. Floor sink.
- 13 2. Floor drain.
- 14 3. Washing machine standpipe (if approved in con-
15 nection with plan review).

16 When properly installed and functioning, relief valves
17 should discharge water rather than steam, and drain ter-
18 minals should be located so that the direction of
19 discharge is away from areas normally used for occu-
20 pancy.

21 N. Section 1206(C)(2) of the Uniform Plumbing Code is
22 hereby amended to read as follows:

23 Pressure test for plastic piping supplying natural
24 gas at 14" water column or less shall be 30 P.S.I. for
25 10 minutes. For supply pressure over 14" of water
26 column, test pressure shall be at 60 P.S.I. for at least
27 30 minutes.

28 O. Section 1213(b) of the Uniform Plumbing Code, subsection
29 37 of Appendix E of the Uniform Plumbing Code and Uniform
30 Plumbing Code Installation Standards 10-86 and 12-85 are
31 hereby amended by adding an additional paragraph, reading as
32 follows:

1 Gas piping shall not enter a building or covered
2 structure below the slab. Underground gas piping
3 passing under a slab-on-grade, or portion thereof, shall
4 be run through a conduit that is gastight where it
5 passes under the slab-on-grade and for at least one (1)
6 foot beyond, where it must be vented to the atmosphere
7 and protected to prevent entrance of foreign material.
8 The conduit must have an interior diameter of at least
9 one-half (½) inch larger than the outside diameter of
10 the pipe and be at the proper depth under the slab-on-
11 grade for material used as gas piping. All venting must
12 be outside of any building or covered structure.

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

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

21 Q. Chapter 12 and Appendix E of the Uniform Plumbing Code
22 are hereby amended by adding a new paragraph, which relates
23 to fuel gas piping in mobile home and recreational vehicle
24 parks, reading as follows:

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

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

32 (1) The installation of ABS-PVC traps, intercep-

1 tors, indirect waste piping and special wastes shall be
2 limited by Section 401(a)(2) of the Uniform Plumbing
3 Code.

4 (2) ABS-PVC installations for sewage installations
5 are limited to domestic sewage as defined in Section 105
6 of the Uniform Plumbing Code, 1988 Edition. EXCEPTION:
7 In a restaurant grease trap application, ABS-PVC
8 materials are allowed.

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

11 Section 1401: Definitions

12 (a) "Commercial, industrial and public construc-
13 tion," as used in this Chapter, means all commer-
14 cial, industrial and public establishments,
15 including but not limited to, restaurants, bars,
16 night clubs, public buildings, comfort stations,
17 schools, gymnasiums, factories, offices and ath-
18 letic clubs.

19 (b) "Residential construction," as used in this
20 Chapter, means all single family dwellings, apart-
21 ments, condominiums, hotels, motels and townhouses.

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

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

28 Section 1402: New construction; residential uses

29 In all new residential construction and in all
30 replacement of plumbing fixtures in existing resi-
31 dential construction, the following conservation
32 devices shall be installed and maintained:

1 (a) All mixing faucets must be designed to
2 deliver a maximum of four (4) gallons per
3 minute or must be equipped with flow control
4 devices that deliver a maximum of four (4)
5 gallons per minute.

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

9 (c) All water closets shall be designed to
10 use a maximum of four (4) gallons per flush.

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

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

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

20 Section 1403: New construction, commercial, industrial
21 and public uses

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

27 (a) All hot water systems that recirculate
28 hot domestic or potable water shall have the
29 circulating portion of the system, including
30 the main supply and return pipes, insulated
31 with materials approved by the Administrative
32 Authority pursuant to Section 201 of the Uni-

1 form Plumbing Code, as it may be amended from
2 time to time.

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

6 (c) All water closets shall be designed to
7 use a maximum of three (3) gallons per flush.

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

13 EXCEPTIONS: (1) Faucets in public restrooms
14 that are designed for use by physically han-
15 dicapped persons and (2) Restrooms that are
16 monitored by an attendant.

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

21 (f) All urinals shall be designed to use a
22 maximum of two (2) gallons per flush. No uri-
23 nals shall be installed which use a timing
24 device to flush periodically irrespective of
25 demand.

26 Section 1404: Administrative Allowance of Standard
27 Fixtures

28 Notwithstanding the provisions of Sections 1402 and
29 1403 of this Chapter, the Administrative Authority
30 may allow the use of a standard fixture when, in
31 his opinion, conformance would cause a health
32 hazard or an unusual hardship and otherwise would

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

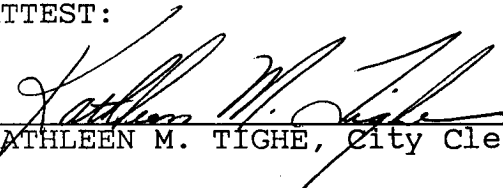
accomplish the intent of this Chapter, or a greater quantity of water would be required to properly operate the fixture.

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

APPROVED:

By 
RON LURIE, Mayor OK 11-26-90 KAW

ATTEST:


KATHLEEN M. TIGHE, City Clerk

RECEIVED
RECEIVED

Nov 29 2 44 PM '90
Nov 29 2 44 PM '90

CITY CLERK
CITY CLERK

AFFIDAVIT OF PUBLICATION

PASTE CLIPPING HERE

BILL NO. 90-70
Ordinance No. 3543
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 REFERENCE TO THE 1985 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE IN LIEU THEREOF THE 1988 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, 1988 EDITION," AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1988 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.
Summary: Adopts the 1988 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.
Sponsored by: Mayor Ron Lurie
The above and foregoing ordinance was first proposed and read by title to the City Council on the 17th day of October, 1990, and referred to the following committee composed of Councilmen Miller and Higginson for recommendation; thereafter the said committee reported favorably on said ordinance on the 21st day of November, 1990, which was a regular meeting of said Council; that at said regular meeting, the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:
VOTING "AYE" Councilmen: Adamson, Higginson, Miller and Mayor Lurie
VOTING "NAY" None
ABSENT: Councilman Nolen
COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: November 27, 1990
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

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

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of NOVEMBER 27, 1990 to NOVEMBER 27, 1990, on the following days:

NOVEMBER 27, 1990

Signed:

Christy A. Ferguson

Subscribed and sworn to before me this

27th day of Nov., 1990

Maria C. Therien
Notary Public

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

AFFIDAVIT OF PUBLICATION

PASTE CLIPPING HERE

BILL NO. 90-70
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 1985 EDITION OF THE UNIFORM PLUMBING CODE ADOPTED BY REFERENCE THEREIN AND ADOPTING BY REFERENCE, IN LIEU THEREOF, THE 1988 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, 1988 EDITION", AS PART 2 OF SAID CHAPTER, WHICH ADDS TO, DELETES FROM AND AMENDS VARIOUS PROVISIONS OF THE UNIFORM PLUMBING CODE, 1988 EDITION; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.
SPONSORED By: Mayor Ron Lurie
SUMMARY: Adopts the 1988 Edition of the Uniform 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 October 17, 1990
BILL NO. 90-70 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE: Councilmen Miller and Higginson.
COPIES OF THE COMPLETE ORDINANCES ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 10TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: November 1,2, 1990
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

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

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of TWO insertions from the period of NOVEMBER 1, 1990 to NOVEMBER 2, 1990, on the following days:

NOVEMBER 1,2, 1990

Signed:

Christy A. Ferguson

Subscribed and sworn to before me this

2nd day of Nov., 19 90

Maria C. Therien

Notary Public

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

RECEIVED

Nov 29 2 44 PM '90

AFFIDAVIT OF PUBLICATION

CITY CLERK

PASTE CLIPPING HERE

BILL NO. 90-70
Ordinance No. 3543
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, NEVA-
DA, 1983 EDITION, BY DELETING
ALL REFERENCE TO THE 1985
EDITION OF THE UNIFORM
PLUMBING CODE ADOPTED BY
REFERENCE THEREIN AND
ADOPTING BY REFERENCE, IN
LIEU THEREOF, THE 1988 EDITION
OF THE UNIFORM PLUMBING
CODE AS PART 1 OF SAID CHAP-
TER, REPEALING IN ITS ENTIRE-
TY THE EXISTING SUPPLEMEN-
TAL DOCUMENT ADOPTED BY
REFERENCE THEREIN AND
ADOPTING BY REFERENCE, IN
LIEU THEREOF, A NEW SUPPLE-
MENTAL DOCUMENT, ENTITLED:
"A SUPPLEMENTAL DOCUMENT
AMENDING THE UNIFORM
PLUMBING CODE, 1988 EDITION,"
AS PART 2 OF SAID CHAPTER,
WHICH ADDS TO, DELETES FROM
AND AMENDS VARIOUS PROVI-
SIONS OF THE UNIFORM PLUMB-
ING CODE, 1988 EDITION; PROVID-
ING FOR OTHER MATTERS
PROPERLY RELATING THERETO;
PROVIDING PENALTIES FOR THE
VIOLATION HEREOF; AND RE-
PEALING ALL ORDINANCES AND
PARTS OF ORDINANCES IN CON-
FLICT HEREWITH.
Summary: Adopts the 1988 Edition
of the Uniform Plumbing Code, to-
gether with a Supplemental Docu-
ment which provides additions
thereto, deletes therefrom and
amendments thereto, as the City's
Plumbing Code.
Sponsored by Mayor Ron Lurie.
The above and foregoing ordinance
was first proposed and read by title
to the City Council on the 17th day of
October, 1990, and referred to the
following committee composed of
Councilmen Miller and Higginson for
recommendation; thereafter the
said committee reported favorably
on said ordinance on the 21st day of
November, 1990, which was a regu-
lar meeting of said Council; that at
said regular meeting, the proposed
ordinance was read by title to the
City Council as first introduced and
adopted by the following vote:
VOTING "AYE" Councilmen: Adam-
sen, Higginson, Miller and Mayor
Lurie.
VOTING "NAY" None.
ABSENT: Councilman Nader.
COPIES OF THE COMPLETE ORDI-
NANCE ARE AVAILABLE FOR
PUBLIC INFORMATION IN THE OF-
FICE OF THE CITY CLERK, 10TH
FLOOR, CITY HALL, 400 EAST
STEWART AVENUE, LAS VEGAS,
NEVADA.
PUB: November 27, 1990
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

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

That she/he is a legal clerk for the LAS VEGAS
REVIEW-JOURNAL and THE LAS VEGAS SUN, daily
newspapers regularly issued, published and circu-
lated in the City of Las Vegas, County of Clark, State
of Nevada, and that the advertisement, a true copy
of which is attached, was continuously published in
the LAS VEGAS REVIEW-JOURNAL or THE LAS
VEGAS SUN for a period of ONE insertions
from the period of NOVEMBER 27, 1990
to NOVEMBER 27, 1990, on the following
days:

NOVEMBER 27, 1990

Signed: Christy A. Ferguson

Subscribed and sworn to before me this

27th day of Nov, 1990

Maria C. Therien
Notary Public

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



AFFIDAVIT OF PUBLICATION

PASTE CLIPPING HERE

BILL NO. 90-70
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 1985
EDITION OF THE UNIFORM
PLUMBING CODE ADOPTED BY
REFERENCE THEREIN AND
ADOPTING BY REFERENCE, IN
LIEU THEREOF, THE 1988 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, 1988 EDITION,"
AS PART 2 OF SAID CHAPTER,
WHICH ADDS TO, DELETES FROM
AND AMENDS VARIOUS PROVISIONS
OF THE UNIFORM PLUMBING
CODE, 1988 EDITION; PROVIDING
FOR OTHER MATTERS
PROPERLY RELATING THERETO;
PROVIDING PENALTIES FOR THE
VIOLATION HEREOF; AND REPEALING
ALL ORDINANCES AND PARTS OF
ORDINANCES IN CONFLICT
HEREWITH.
SPONSORED By: Mayor Ron Lurie
SUMMARY: Adopts the 1988 Edition
of the Uniform 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
October 17, 1990
BILL NO. 90-70 WAS READ BY
TITLE AND REFERRED TO RECOMMENDING
COMMITTEE: Councilmen Miller and
Higginson.
COPIES OF THE COMPLETE ORDINANCE
ARE AVAILABLE FOR PUBLIC INFORMATION
IN THE OFFICE OF THE CITY CLERK,
10TH FLOOR, CITY HALL, 400 EAST
STEWART AVENUE, LAS VEGAS,
NEVADA.
PUB: November 1, 2, 1990
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

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

That she/he is a legal clerk for the LAS VEGAS
REVIEW-JOURNAL and THE LAS VEGAS SUN, daily
newspapers regularly issued, published and circu-
lated 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 TWO insertions
from the period of NOVEMBER 1, 1990
to NOVEMBER 2, 1990, on the following
days:

NOVEMBER 1, 2, 1990

Signed: Christy A. Ferguson

Subscribed and sworn to before me this

2nd day of Nov, 19 90

Maria C. Therien
Notary Public

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



083664