

# Affidavit of Publication

STATE OF NEVADA,  
County of Washoe—SS.

Mary Hefling

being duly sworn, deposes and says that he is the

Record Clerk

of The SPARKS TRIBUNE, a weekly newspaper,  
published in Sparks, Washoe County, Nevada; that  
he has charge of and knows the advertising ap-  
pearing in said newspaper, and the

Notice of County Ordinance

Bill No. 741

Ordinance No. 568

NOTICE OF COUNTY OR-  
DINANCE  
NOTICE IS HEREBY  
GIVEN that Bill No. 741,  
Ordinance No. 568, entitled "An  
ordinance amending the Washoe  
County Code by adopting, with  
amendments, the 1982 edition of  
the Uniform Mechanical Code,"  
was adopted on May 10, 1983, by  
Commissioners Williams, King,  
Lillard, McDowell, and Ritter.  
Typewritten copies of the  
Ordinance are available for  
inspection by all interested  
persons at the office of the  
County Clerk.  
Judi Bailey, County Clerk  
Pub.: 5-18, 25, 1983.

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of which a copy is hereunto attached, was first  
published in said newspaper in its issue dated

May 18, 19 83

and was published in each of the following issues

thereafter: May 25, 1983

the date of the last publication being in the issue

of May 25, 19 83

Mary Hefling

Subscribed and sworn to before me this, the

25th day of May, 19 83

Loretta Dickerson

Notary Public in and for the County of Washoe,  
State of Nevada.

My Commission expires: October 25, 1984



SUMMARY: Adopts, with amendments, 1982 Edition of the Uniform Mechanical Code.

BILL NO. 741

ORDINANCE NO. 568

AN ORDINANCE AMENDING THE WASHOE COUNTY CODE BY ADOPTING, WITH AMENDMENTS, THE 1982 EDITION OF THE UNIFORM MECHANICAL CODE.

THE BOARD OF COUNTY COMMISSIONERS OF THE COUNTY OF WASHOE DO ORDAIN:

SECTION 1. Chapter 100 of the Washoe County Code is hereby amended by adding thereto the provisions set forth as sections 2 to 4, inclusive, of this ordinance.

SECTION 2.

100.XXX Uniform Mechanical Code Section 503 amended: Type of fuel and fuel connections. Section 503 of the Uniform Mechanical Code is hereby amended by adding thereto paragraphs (e) and (f) which shall follow paragraph (d) and read as follows:

(e) Solid fuel burning appliances other than oil burning appliances. Solid fuel burning appliances may be considered as a main source of heating for the purpose of maintaining heating levels as described in the Uniform Building Code, Section 1211. Documentation on the ability of such a system to maintain those levels may be required by the chief building and safety inspector.

(f) Solar Systems.

1. General. Active and passive solar systems and equipment associated with the system may be used for heating, but any such system incorporating mechanical devices for the movement of fluids or air must be tested and listed by a nationally-recognized testing laboratory for such use. Reference to design and material may be extracted from the most recent edition of the Uniform Solar Energy Code. A solar system may be used as a main source of heat for occupied areas if it is proven to the satisfaction of the county building and safety inspector that the system will provide heating as required by Section 1211 of Uniform Building Code. Documentation on the ability of such a system to maintain required heating levels may be required by the chief building and safety inspector.

2. Specially Designed Systems. When approved by the chief building and safety inspector, solar systems may be designed by persons designated in paragraphs 3 and 4.

3. Active Solar Systems. Systems may be designed by persons registered pursuant to chapter 623 of NRS if the systems incorporate approved materials.

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4. Passive Solar Systems. Systems may be designed by any person registered pursuant to chapter 623 of NRS if the system meets the requirements of the Uniform Building Code for structural integrity on all imposed loads.

5. Additional Requirements. The following apply to all specially designed solar systems:

(a) Supports. Supports may be of combustible construction if approved by the chief building and safety inspector.

(b) General. The chief building and safety inspector may require structural or mechanical engineering on any solar system and its supports if necessary to assure that minimum safety requirements for the occupants and surrounding structures are met.

### SECTION 3.

100.XXX Section 512 added to Uniform Mechanical Code: Applicability of Tables 5A, 5B and 5C. Chapter 5 of the Uniform Mechanical Code is hereby amended by adding thereto a new section numbered section 512 which shall follow section 511 and read as follows:

#### Applicability of Tables 5A, 5B and 5C

Tables 5A, 5B and 5C do not apply to coal or wood-burning appliances.

### SECTION 4.

100.XXX Addition to Appendix A of the Uniform Mechanical Code. Appendix A to the Uniform Mechanical Code is hereby amended by adding thereto the following:

Sec. 5.142. (a) General. Vent pipes must be laid so as to drain toward one tank without sags or traps in which liquid can collect. They must be located so that they will not be subjected to physical damage above ground level. Vent pipes from tanks may be connected into one outlet pipe. The outlet pipe must be at least one pipe size larger than the largest single vent pipe connected thereto. The point of connection between two or more vent pipes must not be lower than the top of any fill pipe opening. The lower end of a vent pipe must enter the tank through the top and must extend into the tank not more than 1 inch.

(b) Termination. Vent pipes must terminate outside of buildings at a point not less than 2 feet from any building opening, measured vertically or horizontally from any such opening. Outer ends of vent pipes must have a minimum free open area equal to the cross-sectional area of the vent pipe and must employ screens of 1/8" mesh. Vent pipes must terminate sufficiently above the ground to avoid being obstructed with snow and

ice. Vent pipes from tanks containing heaters must be extended to a location where oil vapors discharging from the vent will be readily diffused. If the static head with a vent pipe filled with oil may exceed 10 p.s.i., the tank must be designed for the maximum static head which will be imposed.

(c) Connecting to Other Lines. Vent pipes must not be cross-connected with fill pipes, return lines from burners or overflow lines from auxiliary tanks.

(d) Oil Vent Sizing and Configuration.  
Double swings - Two 90 degree (90°) elbows on vent pipes must be used:

1. Where vent pipes exit tank.
2. If pipes are installed vertically on walls, islands or similar structures.

Vents must terminate at least three feet above finish grade if the elevation of the parcel is at or below 5200 feet. Above that elevation, the vent must terminate at least six feet above finish grade.

See Table 5-1-A for minimum vent size.

TABLE 5-1-A---MINIMUM VENT SIZE

<u>CAPACITY OF TANK</u> <u>U.S. GALLONS</u>	<u>DIAMETER OF VENT</u> <u>IRON PIPE SIZE</u>
500 or less	1 1/4 inches
501 to 3,000	1 1/2 inches
3,001 to 10,000	2 inches
10,001 to 20,000	2 1/2 inches
20,001 to 35,000	3 inches

SECTION 5. Section 100.405 of the Washoe County Code is hereby amended to read as follows:

100.405 "Uniform Mechanical Code" defined. As used in sections 100.405 to 100.XXX, inclusive, "Uniform Mechanical Code" means the 1982 Edition of the Uniform Mechanical Code and appendices, jointly approved and published by the International Association of Plumbing and Mechanical Officials and the International Conference of Building Officials.

SECTION 6. Section 100.410 of the Washoe County Code is hereby amended to read as follows:

100.410 Uniform Mechanical Code: Adoption; penalty.

1. The 1982 Edition of the Uniform Mechanical Code, a copy of which has been placed on file in the office of the county clerk, together with such changes as are necessary to make it applicable to conditions in Washoe County and such other changes as are desirable, which changes are contained in sections 100.405 to 100.XXX, are hereby adopted by reference, incorporated herein and made a part hereof, and shall regulate all matters contained therein. Reference may be made to the currently adopted Uniform Fire Code, Uniform Solar Energy Code, and their regulations in

order to enforce or further clarify the intent of this Ordinance and the 1982 Edition of the Uniform Mechanical Code.

2. Any person violating any provision of subsection 1 is guilty of a separate offense for each day or portion thereof during which a violation is committed, contained or permitted, and upon a determination or finding of any such violation such person shall be punished by a fine of not more than \$1,000.

SECTION 7. Section 100.420 of the Washoe County Code is hereby amended to read as follows:

100.420 "Building Official" defined. The term "Building Official", as used in the Uniform Mechanical Code, means the chief building and safety inspector of the building and safety division of the department of public works.

SECTION 8. Section 100.425 of the Washoe County Code is hereby amended to read as follows:

100.425 Uniform Mechanical Code Section 203 amended: Appeals. Section 203 of the Uniform Mechanical Code is hereby amended to read as follows:

In order to determine the suitability of alternate materials, products and methods of installation and the resultant effect upon the soundness of a structure, and to provide for reasonable interpretations of this code, appeals from a decision of the building official may be made to the board of adjustment in the manner and within the time limits provided in section 100.050 of the Washoe County Code.

SECTION 9. Section 100.430 of the Washoe County Code is hereby amended to read as follows:

100.430 Uniform Mechanical Code Section 303 amended: Permit Issuance. Section 303 of the Uniform Mechanical Code is hereby amended to read as follows:

Sec. 303 (a) Issuance. The application, plans, and specifications and other data filed by an applicant for permit shall be reviewed by the chief building and safety inspector. Such plans may be reviewed by other departments of Washoe County to verify compliance with applicable laws, codes and ordinances. If the chief building and safety inspector finds that the work described in an application for a permit and the plans, specifications and other data filed therewith conform to the requirements of pertinent laws, codes, and ordinances and that the fees specified in Section 304 have been paid, he shall issue a permit therefor to the applicant.

When the chief building and safety inspector issues a permit which required plans to be submitted, he shall endorse upon the plans and specifications in writing or

by stamp the word "APPROVED." Such approved plans and specifications shall not be changed, modified or altered without authorization from the chief building and safety inspector, and all work must be done in accordance with the approved plans.

The chief building and safety inspector building may issue a permit for the construction of a part of a mechanical system before the plans and specifications for the entire system have been submitted or approved if adequate information and detailed statements have been filed indicating compliance with all pertinent requirements of this code. The holder of such permit may then proceed at his own risk without assurance that the permit for the entire building, structure or mechanical system will be granted.

(b) Validity of Permit. The issuance of a permit or approval of plans and specifications shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of other ordinance of Washoe County. No permit which gives authority to violate or cancel the provisions of this code is valid.

The issuance of a permit based upon plans, specifications or other data does not prevent the chief building and safety inspector from thereafter requiring the correction of errors in the plans, specifications or other data. The issuance of such a permit does not prevent the chief building and safety inspector from ordering the stopping of construction work on the structure for which the permit was issued if such work is determined to be in violation of this code or of other provisions of the Washoe County Code.

(c) Expiration. Except for a project which has been approved by the building official for a 36-month permit because the project is too extensive or mammoth to be completed within 18 months, all permits issued by the chief building and safety inspector under the provisions of this code expire by limitation and become null and void if the building or work authorized by the permit is not completed within 18 months after the date of issuance of the permit. Before work which was authorized under an expired permit can continue, a new permit must be obtained from the building official.

(d) Renewals. Except as otherwise provided in paragraph (c), if work authorized by the issuance of a building permit cannot be completed within 18 months after the date of the issuance of the permit, the applicant may apply for a renewal of the original permit at one-half the original permit fee, excluding any park tax and plan check fee, upon condition that:

1. The application for a renewal permit is submitted to the chief building and safety inspector before the expiration of the original permit; and
2. No significant changes have been made or will be

made in the original plans and specifications for the project.

(e) Suspension or Revocation. The chief building and safety inspector may, upon written notice, suspend or revoke a permit issued pursuant to the provisions of this code whenever the permit is issued:

1. In error;
2. On the basis of incorrect information supplied by the applicant; or
3. In violation of any state statute, ordinance or regulation.

SECTION 10. Section 100.431 of the Washoe County Code is hereby amended to read as follows:

100.431 Uniform Mechanical Code Section 304 amended: Service fees for issuance of permits.

(a) Any person desiring a permit required by this code shall, at the time of filing an application therefor, pay the service fee for the issuance of the permit which is set forth in Table 3-A, plus the additional fee required by paragraph (b).

Table 3-A

SERVICE FEES FOR ISSUANCE OF PERMITS

1.	For the issuance of each permit.....	\$ 3.00
2.	For the installation or relocation of each forced-air or gravity-type furnace or burner, including ducts and vents attached to such appliance, up to and including 100,000 Btu/h...	4.00
3.	For the installation or relocation of each forced-air or gravity-type furnace or burner, including ducts and vents attached to such appliance, over 100,000 Btu/h.....	5.00
4.	For the installation or relocation of each floor furnace, including vent.....	4.00
5.	For the installation or relocation of each suspended heater, recessed wall heater or floor mounted unit heater.....	4.00
6.	For the installation, relocation or replacement of each appliance vent installed and not included in an appliance permit.....	2.00
7.	For the repair of, alteration of, or addition to each heating appliance, refrigeration unit, cooling unit, absorption unit, or each heating, cooling, absorption, or evaporative cooling system, including installation of controls regulated by this Code.....	4.00
8.	For the installation or relocation of each boiler or compressor to and including three horsepower, or each absorption system to and including 100,000 Btu/h.....	4.00

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|-----|--|-------|
| 9.  | For the installation or relocation of each boiler or compressor over three horsepower to and including 15 horsepower, or each absorption system over 100,000 Btu/h and including 500,000 Btu/h.....                    | 7.50  |
| 10. | For the installation or relocation of each boiler or compressor over 15 horsepower to and including 30 horsepower, or each absorption system over 500,000 Btu/h to and including 1,000,000 Btu/h.....                  | 10.00 |
| 11. | For the installation or relocation of each boiler or compressor over 30 horsepower to and including 50 horsepower, or for each absorption system over 1,000,000 Btu/h to and including 1,750,000 Btu/h.....            | 15.00 |
| 12. | For the installation or relocation of each boiler or refrigeration compressor over 50 horsepower, or each absorption system over 1,750,000 Btu/h.....  | 25.00 |
| 13. | For each air handling unit to and including 10,000 cubic feet per minute, including ducts attached thereto.....  | 3.00  |
|     | NOTE: This fee shall not apply to an air handling unit which is a portion of a factory assembled appliance, cooling unit, evaporative cooler or absorption unit for which a permit is required elsewhere in this Code. |       |
| 14. | For each air handling unit over 10,000 cfm.....  | 5.00  |
| 15. | For each evaporative cooler other than portable type.....  | 3.00  |
| 16. | For each ventilation fan connected to a single duct.....   | 2.00  |
| 17. | For each ventilation system which is not a portion of any heating or air conditioning system authorized by a permit.....   | 3.00  |
| 18. | For the installation of each hood which is served by mechanical exhaust, including the ducts for such hood.....  | 3.00  |
| 19. | For the installation or relocation of each domestic type incinerator.....  | 5.00  |
| 20. | For the installation or relocation of each commercial or industrial type incinerator.....  | 20.00 |
| 21. | For each appliance or piece of equipment regulated by this Code but not classed in other appliance categories, or for which no other fee is listed in this Code.....   | 3.00  |

(b) If first approved in the manner provided in NRS 354.5989, additional service fees must be paid each year upon application for any permit required by this code.

Proposed on the 19th day of April, 1983.  
 Proposed by Commissioner Ritter :  
 Passed on the 10th day of May, 1983.

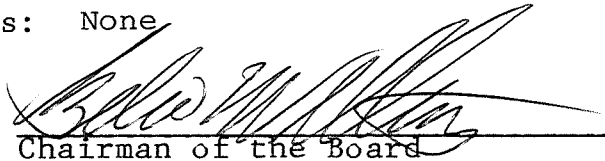


Vote:

Ayes: Commissioners: Williams, King, Lillard, McDowell  
and Ritter

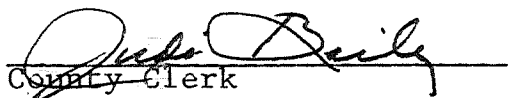
Nays: Commissioners: None

Absent: Commissioners: None



Chairman of the Board

ATTEST:

  
County Clerk

This Ordinance shall be in force and effect from and after  
the 25th day of May, 1983.