

Affidavit of Publication

STATE OF NEVADA,
County of Washoe—SS.

..... Betty A. Woodward

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. 444

NOTICE OF COUNTY ORDINANCE

Notice is hereby given that Bill No. 444, amending Ordinance No. 84, adopting Ordinance No. 279, entitled "An Ordinance of the County of Washoe regulating the installation, repair, and maintenance of electrical equipment, wiring, and devices; providing for the issuance of permits for electrical work and the inspection thereof; providing for the County's non-liability in certain cases; providing penalties for the violation thereof; repealing all ordinances and parts of ordinances in conflict therewith" was adopted on August 5, 1975, by Commissioners Crow, Rusk, Nelson and Gaunt all voting aye and Commissioner Scott being absent.

Typewritten copies of the Ordinance are available for inspection by all interested persons at the office of the County Clerk.

Alex Coon
ALEX COON, COUNTY CLERK

Publish August 14, 21

of which a copy is hereunto attached, was first
published in said newspaper in its issue dated
..... August 14,, 1975
and was published in each of the following issues
thereafter:


..... the date of the last publication being in the issue
of .. August 21,, 1975

Betty A. Woodward

Subscribed and sworn to before me this, the
..... 21st day of .. August, 1975

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

My Commission expires: *Jan 16, 1978*



LUCILLE LEE
Notary Public—State of Nevada
Washoe County
My Commission Expires Jan. 16, 1978

75-1571

SUMMARY: Amends Washoe County Ordinance No. 84 to adopt the 1975 Edition of the National Electrical Code.

BILL NO. 444

ORDINANCE NO. 279

AN ORDINANCE OF THE COUNTY OF WASHOE REGULATING THE INSTALLATION, REPAIR, AND MAINTENANCE OF ELECTRICAL EQUIPMENT, WIRING, AND DEVICES; PROVIDING FOR THE ISSUANCE OF PERMITS FOR ELECTRICAL WORK AND THE INSPECTION THEREOF; PROVIDING FOR THE COUNTY'S NON-LIABILITY IN CERTAIN CASES; PROVIDING PENALTIES FOR THE VIOLATION THEREOF; REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT THEREWITH.

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

SECTION 1.

Section 1 of Washoe County Ordinance No. 84 is hereby amended to read as follows:

SECTION 1.

The 1975 Edition of the National Electrical Code approved by the National Fire Protection Association at its Annual Meeting, May 20-24, 1974, a copy of which is placed on file in the office of the County Clerk of Washoe County, Nevada, together with such changes as are necessary to make the same applicable to conditions in the County of Washoe and such other changes as are desirable, which changes are contained in that document marked Exhibit "A", attached hereto, shall be and hereby is adopted by reference; incorporated herein, and made a part hereof, and shall regulate all matters contained therein.

SECTION 2.

This ordinance shall be in full force and effect from and after its adoption pursuant to NRS 244.105.

Proposed on the 25th day of July, 1975.
Proposed by Commissioner Scott, Grow, Rusk, Nelson and Gaunt.
Passed on the 5th day of August, 1975.

Vote:

Ayes: Commissioners: Grow, Rusk, Nelson and Gaunt.
Nays: Commissioners: None
Absent: Commissioners: Scott

Gerry Grow
Vice-Chairman of the Board

ATTEST:

ALEX COON
By *Alex Coon*
County Clerk

This Ordinance shall be in force and effect from and after the 21st day of August, 1975.

19A(2)

EXHIBIT A

1975 EDITION NATIONAL ELECTRICAL CODEARTICLE 90-8 -- Enforcing Authority

Enforcement of this code shall be the responsibility of the Building Department of the County of Washoe: the enforcing authority shall be the Building Official and Assistants appointed by the Board of County Commissioners. Upon notification by the occupants of a building, the Building Official may require the correction of defects in existing wiring which are dangerous or likely to cause fire. The Building Official may prohibit the sale, installation or use of any electrical appliance or fixture which, in his opinion, does not conform to the code or is in some manner hazardous.

ARTICLE 90-9 -- To Whom Permits May be Issued

An electrical permit as required by this code may be issued to any person who shall comply with the provisions of the act and the rules and regulations promulgated thereunder of the State of Nevada compiled statutes in reference to the State Contractors Law.

- A. It shall be unlawful and a violation of the ordinance for any person, whether acting as principal, servant, agent, or employee, to do, or cause, or permit to be done, any electrical work, except that specifically allowed herein, without first securing a permit from the Building Department authorizing him to do so.
- B. Permits shall not be required for the following electrical work: The replacement of lamps, fuses, and similar devices or the connection of portable appliances to suitable receptacles which have been permanently installed, the installation of temporary wiring for testing electrical apparatus or equipment.
- C. In cases where an emergency or urgent necessity can be shown to exist, such work may be begun prior to the issuance of a permit. A person who is licensed as required herein, shall notify the Building Department immediately upon beginning said work or as soon thereafter as possible. Application for permit shall be made within 24 hours, exclusive of week-ends and holidays.
- D. Any person who shall commence any electrical work for which a permit is required by this Ordinance, without first having obtained a permit shall, if subsequently permitted to obtain a permit, pay double the permit fee fixed by Permit Fee Schedule for such work.

ARTICLE 90-10 -- Application for Permit

- A. Application for permit shall be made to the Building Department by the person installing the work, on forms supplied by the Building Department. The application shall be accompanied by such plans, specifications and schedule as may be necessary to determine whether the proposed installation shall conform to this code. If the applicant has complied with all provisions of this Ordinance, a permit for such installation will be issued: provided, however, that the issuance of a permit shall not be deemed permission to violate any of the requirements of this Ordinance, or any other State Law or County Ordinance.

- B. A permit when issued shall be for the installation described in the application and no deviation therefrom shall be made without the written approval of the Building Department. Permits expire at the end of one year.
- C. No other permit shall be issued to any applicant who, ten days after he has been duly notified to correct defective work, has failed to correct such work.

SECTION 90-11 -- Fees, New Construction

- A. Residential (Single or Multi-Family).
Fees listed below in this paragraph for residential new construction shall include all electrical installations when formula is applied to the square footage of area.
- 1 1/2 cent per square foot plus \$5.00 for permit issuance.
- One cent per square foot for detached or attached garages on the same service.
- B. Commercial, Industrial, Assembly Building and All Alterations.
One cent per square foot. The minimum fee for each electrical permit issued shall be \$5.00.
- C. Incidental Fee Schedule
The minimum fee for any electrical permits is \$5.00 plus incidentals.
- | | |
|---|---------|
| The installation of a new service, subservice or distribution panel on a residence, 100 amp minimum | \$ 2.50 |
| The installation of a new service, subservice or distribution panel on a commercial structure | 3.00 |
| 1. Cooking appliances: | |
| For each electrical range (standard) | .50 |
| For cooking units with oven (domestic) | .50 |
| For each additional oven (domestic) | .50 |
| For each electric range (commercial) | .50 |
| For ovens (commercial) not over 15,000 W | 1.50 |
| For ovens (commercial) over 15,000 W | 3.00 |
| For each fry-kettle, toaster, waffle iron, coffee maker, or cooking device under 3,000 W | 1.00 |
| For each fry-kettle, toaster, waffle iron, coffee maker, or cooking device 3,000 W or over | 1.50 |
| 2. Fixtures: | |
| Fixtures, each | .20 |
| 3. Generators: | |
| Not more than 5 kw | 3.00 |
| Over 5 kw and not over 15 kw | 5.00 |
| Over 15 kw | 10.00 |
| NOTE: For the inspection of the installation of any motor generator set, the same fee shall be charged as provided for the motor of the same HP, but no charge shall be made for the generator installation when in connection with any such motor generator set. | |
| 4. Heaters and Heating Appliances -- Hair Dryers: | |
| For each air heater including 1,650 W | .50 |
| For each air heater over 1,650 W | 1.00 |
| For each water heater | 1.00 |
| For each hair dryer | .50 |
| For infra-red drying units not over 15,000 W | 1.50 |
| For infra-red drying units over 15,000 W | 3.00 |
| For kilns | 1.00 |

5. Home Appliances:	
Clothes Dryer	.50
Dishwasher	.50
Furnace	.50
Garbage disposal	.50
Kitchen fan	.50
6. Miscellaneous:	
For each moving picture machine, including sound equipment used in connection therewith	2.50
For each ceiling fan	1.00
For other permanently connected fans with a motor of not more than 1/2 HP	1.00
For all motors (permanently connected fans) same as indicated in motor table of fees - See table	
For each X-ray machine	2.50
For each sterilizer	1.00
For each dental unit	1.00
For each barber pole	1.00
For each capacitor over 5 kva capacity	1.00
For each welder of the transformer type	1.50
For each self-contained vegetable and meat case	1.00
For each deep freeze box	1.00
For each beverage and ice cream cabinet	1.00
For each drinking fountain	.50
For each show case with lights	1.00
For each time clock	.50
For each unitized type kitchen	2.50
7. Motors:	
Not over 1 HP	.50
Over 1 HP and not over 3 HP	1.50
Over 3 HP and not over 8 HP	2.00
Over 8 HP and not over 15 HP	2.50
Over 15 HP and not over 50 HP	3.00
Over 50 HP and not over 100 HP	5.00
Over 100 HP and not over 500 HP	10.00
Over 500 HP	15.00
Extra outlet for portable motors over 2 HP each	1.00
8. Signs and High Potential Gas Tube Lighting	10.00
9. Transformers:	
Not over 1/2 kw	.50
Over 1/2 kw and not over 1 kw	1.00
Over 1 kw and not over 5 kw	1.50
Over 5 kw and not over 10 kw	2.00
Over 10 kw and not over 15 kw	2.50
Over 15 kw and not over 25 kw	3.00
Over 25 kw and not over 50 kw	4.00
Over 50 kw and not over 100 kw	5.00
Over 100 kw and not over 500 kw	7.50
Over 500 kw	10.00

NOTE: For any electrical work for which a Building Permit is required, but for which no fee is herein provided, it shall be \$5.00 for the inspection plus 10 cents per mile round trip.

SECTION 90-12 -- Inspections

- A. All electrical work shall be inspected by the Building Department to insure compliance with the requirements of this Ordinance.

- B. It shall be the duty of the person doing the work authorized by the permit to notify the Building Department that said work is ready for inspection. Such notification shall be given not less than 24 hours before the inspection is desired and, in the case of rough wiring inspection, should be coordinated with the building frame and rough-in plumbing inspection.
- C. No part of the wiring installation shall be hidden from view by the permanent placement of parts of the building prior to inspection and approval by the Building Department. The building official shall have the authority to remove or require the removal of any obstruction that prevents proper electrical inspection.

SECTION 90-13 -- Connection to Installation

- A. It shall be unlawful and a violation of this Ordinance for any person, firm or corporation to make connection from a source of electrical energy or to supply electric service to any electric wiring devices, appliances or equipment for the installation of which a permit is required, unless such person, firm or corporation shall have obtained satisfactory evidence from the Building Department that such wiring, devices, appliances or equipment are in all respects in conformity with all applicable laws and ordinances.
- B. It shall be unlawful and a violation of this Ordinance for any person, firm or corporation to make connections from a source of electrical energy or to supply electrical service to any electric wiring, device, appliances or equipment which has been disconnected or ordered to be disconnected by the Building Department, or the use of which has been ordered by the Building Department to be discontinued until a certificate of approval has been issued by the Building Department authorizing the reconnection and use of such wiring, devices, appliances or equipment. The Building Department shall notify the serving utility of such order to discontinue use.

SECTION 90-14 -- Non-Liability of the County

This ordinance shall not be construed to relieve from responsibility any party owning, operating, controlling, or installing any electric wiring, electric devices, or electrical material for damages to persons or property caused by any defect therein, nor shall the County be liable for certificate of inspection issued.

SECTION 90-15 -- Board of Appeals

The fee for filing a Notice of Appeal is twenty-five dollars (\$25.00) to be paid to the Building Inspector and deposited to the General Fund of the County. Any party aggrieved by any decision of the Building Department may appeal to the Washoe County Board of Appeals within 20 days of the mailing or delivery of written notification from the Building Department of any decision. Appeal may be made by filing a written Notice of Appeal with the Building Department together with the filing fee. The Chief Building Official shall by notice convene the Board of Appeals within 30 days of the filing of the Notice of Appeal.

SECTION 230 -- Service Entrance Equipment Pole

The minimum requirements for all service entrance equipment poles (permanent and temporary) shall be:

1. Construction grade solid timber (not liminated) having minimum cross-section of 6" x 6" or a circular pole having a minimum top circumference of 16 inches. Sixteen (16) feet in height above ground. Poles shall be properly installed four (4) feet deep or in a manner approved by the Building Department and servicing utility company.
2. Permanent service poles shall be treated with an approved wood preservative according to the standards of the servicing utility company.
3. Service Entrance Equipment. The minimum services for all permanent use shall be 100-amp-120/240 volt single phase or three phase. All outdoor switches, circuit breakers, receptacles, control equipment and metering devices shall be rain tight (NEMA 3R) standard equipment. Smaller services, for temporary and some permanent use may be installed with the approval of the Electrical Inspector.

SECTION 230-28

Minimum size periscope service riser shall be one and one-half inches (1 1/2") rigid steel conduit. Conductors may be copper or aluminum of the required ampacity. Branch circuit panels shall have a 100-A capacity and space for the equivalent of sixteen (16) single pole protective devices. Service entrance panels shall be provided with main breaker and switch. Raceway for subfeeders a minimum of one and one-half inches (1 1/2") trade size.

SECTION 230-72-E -- Furnace Rooms

All furnace and boiler rooms in buildings of Uniform Building Code groups A-B-C-D-E-F-G-H will require a disconnect means outside a furnace and boiler room conveniently located to disconnect all boiler and furnace or fuel controls therein in case of emergency.

SECTION 250-71-D -- Bonding

All flexible metallic conduit shall have a minimum of a #12 ground wire pulled within.

SECTION 250-83 -- Grounding

Herbert Ufer Grounding system shall be used as the method of grounding all services. Tests shall meet requirements of the latest edition of the N. E. C. for installation and tests. A minimum of twenty feet (20') of #4 bare copper wire installed in the footing of foundations for house or commercial buildings, bonded to the footing reinforcing bar every eighteen inches (18") copper wire shall not touch earth. Where ground wire leaves the foundation wall, the wire shall be protected by conduit pipe. Services of over 200 AMP shall comply with larger size of copper in footings to the latest edition of the N. E. C. Table 250-94 (a).

SECTION 342-3 and 4

All commercial buildings and all multi-family dwellings of three (3) family occupancy and over, shall be wired in EMT, rigid metallic conduit or flexible metallic conduit; one-half inch (1/2") minimum, installed with fittings approved by the Electrical Inspector.

SECTION 324

Knob and tube wiring, and BX (Armored Cable) shall not be used in or on any type of building in the County of Washoe.

SECTION 410-L -- Appliance Receptacles

All appliance receptacles shall be rated at not less than (20Amp-125V) 20 amperes, said receptacles shall be three-wire grounding type with parallel slots and "U" shaped slot for ground and shall be permanently and effectively grounded in an approved manner.

SECTION 410-4-D

No pull chain lighting fixture shall be installed within eight (8) feet of accessible water piping or grounded surfaces.

SECTION 680-1 -- Swimming Pools

Swimming pools, reflector pools, or display fountains shall comply with Article 680 of the National Electric Code except that all lighting systems shall not exceed 12 volts.

SECTION 680-6 (b-2)

An approved fail-safe ground detector system may be authorized by the Electrical Inspector

SECTION 725-1 -- Low Voltage

All low voltage wiring that operates at 50 volts or less (e.g., Keno circuits, slot machines, juke boxes, coin-operated amusement machines, communication circuits except telephone circuits, control circuits, fire and burglar alarm circuits, public address and radio system, remote control circuits, low voltage power circuits, etc.) in or on any commercial or industrial building, shall be in a UL approved raceway, except certain fire alarm systems wherein special cable must be run exposed as it shall act as a thermostat to sound the signal and is further arranged to sound a trouble signal in the event of breakage in the wire. All such circuits which involve signals which protect human life, such as nurses call signals in hospitals, etc., shall be in a UL approved raceway irrespective of the voltage involved.

SECTION 725-37 (1) -- Telephone Outlet

An electrical contractor shall install one telephone circuit conduit 3/4" minimum from the point of telephone line attachment on the outside of the building to a conveniently located outlet in each occupancy or dwelling unit.