

Affidavit of Publication

Chas. C. Corkhill, being first duly sworn, deposes and says: That he is a citizen of the United States, over the age of eighteen years; that he is the publisher of the Clark County Review, a weekly newspaper of general circulation printed and published at Las Vegas, Clark County, Nevada, and that the Ordinance No. 36 of the City of Las Vegas

ORDINANCE NO. 36

An Ordinance Providing for the Issuance of Plumbing and Sewer Connection Permits, for the Inspection of Plumbing and Sewer Connections and for the Regulation and Construction of Plumbing Work in the City of Las Vegas.

The Board of Commissioners of the City of Las Vegas do ordain as follows:

Section 1. Any person or persons carrying on, conducting, assuming control of, constructing or causing to be constructed, either as owner or otherwise, any plumbing or house drainage affecting the sanitary conditions of any house or building within the limits of the City of Las Vegas, shall apply to the Plumbing Inspector of said City for a permit so to do, at the same time filing with said Plumbing Inspector a plan or drawing and description of the work proposed to be constructed before any part of said work shall be commenced, and no part of said work shall be done until after the Plumbing Inspector has approved of the plans and drawings and description, and issued a permit for the proposed work to be done, in accordance with the rules and regulations hereinafter set forth and provided for. In cases where a building permit is necessary, the plumbing permit will not be issued until after the building permit has been issued.

of which the attached is a true and correct copy, was published in said paper one consecutive issues, on the following dates, to wit: January 11th, 1913

CITY

Chas. C. Corkhill

Subscribed and sworn to before me, this 21st day of March, A. D. 1913

Notary Public
J. C. Clark

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Sec. 2. All work done shall be subject to inspection, and notice must be given to the Plumbing Inspector by the contractor or owner doing said work or having the same done, as soon as said work is ready for inspection, the plumber to have a competent man on the work at the time of inspection. A charge of one dollar will be made for every extra visit made by the Inspector. A charge of fifty cents will be made for the inspection of rough work and also for the inspection of finished work, and fifteen cents for each opening, but no work will be accepted by the Inspector until the above mentioned charges are paid into the office of the Plumbing Inspector. All work must be left uncovered convenient for examination until inspected and approved by the Plumbing Inspector. Such inspection shall be made within forty-eight hours of such notification being received by the said Plumbing Inspector, and no plans shall be changed, without the permission of said Plumbing Inspector. The inspecting officer may apply the water peppermint or smoke test; and all necessary tools, labor and assistance for such test shall be furnished by such person or persons assuming control of the work, and such person or persons shall remove or repair any defective material or work when so ordered by the inspecting officer. Any soil pipe, drain pipe, trap, water closet, urinal, sink or other fixtures set up or fitting or fittings laid, used or constructed otherwise than in accordance with these regulations, or which shall, in the opinion of the Plumbing Inspector, be or become of bad or defective quality shall, upon notice, either verbal or in writing, from said Plumbing Inspector, be removed or repaired in the manner determined, and within the time fixed by the inspecting officer, and it shall be unlawful for any person or persons to occupy or make use of any house or buildings where the plumbing work has been constructed in accordance with the regulations of this ordinance, unless the owner, agent or lessee of said building shall have secured a final certificate of acceptance from the Plumbing Inspector duly signed by such officer.

Sec. 3. The Plumbing Inspector shall not issue a permit to any person, or persons to do any plumbing or house drainage work until said person or persons has or have registered his or her name or names and address or addresses in a book kept for that purpose. It will not be necessary to obtain a permit in case of repairs, which are defined as follows: Leaks in drains, soil, waste or vent pipes; but should any trap, soil pipe, waste or vent pipe be or become bad and defective and it be necessary to remove and replace with sound material in any part or parts a permit must be procured and inspection made as herein provided.

Sec. 4. Every house or building in or for which any house drainage or plumbing arrangements are constructed, shall be separately and independently connected with an accepted city sewer, when such sewer is constructed upon the street or alley upon which the property abuts or when such house or building is within 200 feet of such sewer, provided that in case it is impractical or burdensome to so connect each house separately, the Plumbing Inspector shall designate the manner of connection in conformity with necessary sanitary precaution, and, in case there is no sewer constructed on such street or alley, said house or building

may be connected with a cesspool not less than 4x4 feet wide and 10 feet deep or of not less than 160 cubic feet capacity if no water closet is connected to said cesspool, and if a water closet is connected, said cesspool shall not be less than 6x6 feet wide and 10 feet deep or of not less than 360 cubic feet capacity, or larger, at the discretion of the owner of the property; said cesspool to be located at a distance of not less than 5 feet from any property line and not less than 10 feet from any dwelling, and shall be covered with a strong and firm brick arch or a redwood cover dipped in crude oil or tar, not less than 12 inches below the surrounding surface of the ground; provided, however, that when a building is on the rear of a lot on the front of which is another building, the plumbing work of the building which is on the rear may be connected with the plumbing work of the building in front, and it shall be unlawful for any person or persons to use or occupy any house or building in the City of Las Vegas in or for which any house draining or plumbing arrangements are constructed, unless such house drainage or plumbing arrangements are connected with an accepted cesspool, or sewer.

Sec. 5. Every outside dry closet shall be placed over a vault of at least 160 cubic feet capacity, which shall be vented by a stack not less than 4x4 inches and extending one foot above the highest point of the roof, and all openings between the closet and the vault shall be kept effectively covered.

Sec. 6. Each and every cesspool shall be vented through a main stack which must be constructed for that purpose, or by such means as may be

directed by the Plumbing Inspector.

Sec. 7. All soil and waste pipes to a point three feet outside the exterior wall of the building shall be cast iron, not less than four inches internal diameter, and shall be carried in undiminished size up to the highest point of the roof or fire walls, in all new work, and in an old building when it is impractical to reach the highest point of the roof, to a point as nearly central of the lot and as high as practical, as designated in writing by the Plumbing Inspector, and shall not terminate within eight feet of any window, air shaft or opening of any house or building and the same shall be further removed if the inspecting officer shall consider it necessary. All drains outside the building and to the street sewer or cesspool shall be first grade vitrified pipe, or cast iron pipe, internal diameter not less than four inches. Stoneware piping shall not be allowed within two feet of the exterior walls of any building, neither shall any vitrified pipe come within twelve inches of the surface of the ground throughout its entire course. The jointing of each and every section of vitrified piping must be completely and uniformly filled with the best Portland cement, two parts of cement and one part of sand, and every joint thoroughly cleaned from the inside so as not to form an obstruction. The different sections must be laid in perfect line on the bottom and on the sides with a fall of not less than one-quarter of an inch per foot toward the street sewer or cesspool. This piping must be made perfectly water-tight; it shall not be covered or concealed in any way until it has been properly tested by the inspecting officer. All changes in direction shall be made with curves of Y branches and all connections with Y branches and one-eighth bends.

Sec. 8. Every sink, water closet, slop-hopper, bath tub, and each tray or set of wash trays or other vessel or vessels connected with the drain pipe directly or indirectly must be separately, independently and effectually trapped and vented. The trap must be placed as near the fixture as possible, and in no case further than two feet from the fixture. All sinks in kitchens and also all wash bowls or trays in engine rooms, factories, foundries, machine shops and railroad round houses shall be provided with a suitable and approved grease trap. No wooden wash trays or sinks or slop hopper shall be maintained, constructed or used inside of any building or porch. All wash trays and sinks maintained, used or constructed in any building shall be of non-absorbent material. No union coupling of any description shall be used in or connection with concealed work. No rubber connection shall be used. Drum trap may be used only in bath tub connections.

Sec. 9. All traps or fixtures shall be separately and effectively vented and all special air pipes within a radius of twelve feet should converge into one pipe; the size of the same to be governed by the provisions of Section 11 (eleven) hereof, and to be extended up to the highest point of the roof or at such point as the Plumbing Inspector may designate, or be conducted into the main stack, not less than six inches above the top of the highest fixture in the system, or not less than three feet above the floor line. Water pipes from refrigerators or other receptacles in which provisions are stored, shall not be connected with a drain, soil pipe or other waste pipe, unless such waste pipes are provided with trap, suitably ventilated, and in every case there shall be an open trap between trap and refrigerator. Water closet apartments shall be open into the open air, or be ventilated by means of a window, air shaft or duct.

Sec. 10. No brick, sheet metal, earthenware or chimney flue shall be used as a sewer ventilator or to ventilate any trap, drain, soil or waste pipes except by special permission of the Board of City Commissioners.

Sec. 11. The Plumbing Inspector, in approving or accepting work of any and all persons carrying on or conducting, assuming control of, constructing or causing to be constructed, any plumbing or house drainage affecting the sanitary condition of any house or building in said city shall be governed by the following regulations, and it shall be unlawful for any person to fail, neglect or refuse to comply with the same, upon notice so to do, where work is already constructed and not in the construction of new work.

First. No water closet, excepting flushometer closets, shall be put into or upon any property, house or building except those flushed by a tank containing not less than four gallons of water. Plunger closets, Philadelphia hoppers, pan closets, or any other closet where the supply to the bowl is direct from the street service or building supply, are prohibited from being installed in all cases upon and after the passage of this Ordinance.

Second. A fixture that is a top fixture on a vertical stack, and not more than two feet from the inlet to the stack, need not have its trap revented, provided it does not discharge into the stack, below the level of its seal. All traps shall set true to their water seals.

Third. All soil pipes and fittings in buildings, four or more stories, shall be cast iron, and of the grade known as extra heavy, and the following weight per lineal foot: Four inches, 13 pounds; five inches, 17 pounds; six inches, 20 pounds. Houses of three stories or less may have standard pipe fittings. All soil pipes shall be carried up full size up to the highest point on the roof and left without cowl or cap.

Fourth. No fixture shall be trapped by having its outlet connected with the trap of another fixture.

Fifth. All soil or waste pipes, three inches or more in diameter, must be of cast iron coated inside and out with tar or lead.

Sixth. Before the fixtures are placed in connection with the plumbing of any house or building, or any portion of the drainage system is covered or concealed from view, the outlet of the soil pipe and all the openings into it below the top shall be hermetically sealed; the pipe shall then be filled with water to the highest point in the system. Defective pipes and fittings of their different kinds must be removed and replaced by sound material; cement work of any description is prohibited, except for grease traps, and every part of the work shall conform to these rules and regulations, and shall be subject to the approval of the Plumbing Inspector.

Seventh. All joints in cast iron soil pipes, whether inside of the building or otherwise, shall be made with pig

lead and oakum and thoroughly caulked.

Eighth. All vent pipes and their fittings must be either cast iron or wrought iron of standard weight or extra heavy. All vents and extensions above the highest fixture, if cast iron, may be standard pipe.

Ninth. All vertical stacks or soil and waste pipes shall be provided with a brass trap screw ferrule at the foot and also in other places where the inspecting officer may think necessary. The screw ferrule shall be the same diameter as the waste stack or lateral run. All changes of direction of soil or waste pipe shall be made with full Y branches and one-eighth bends; sanitary Ts shall not be used except in perpendicular stacks. All cleanouts shall be extended to outside of walls of some convenient point satisfactory to the Plumbing Inspector.

Tenth. All connections between lead piping shall be joined by wiped joints. Connections between soil pipe and lead or wrought iron pipe and lead, shall be made with brass ferrules or brass solder nipples; their joints shall be wiped. Bolted or copper bit, cup or flush solder joints are prohibited in all cases.

Eleventh. Waste pipes in all cases shall be of lead, or cast iron, of the following sizes: For bath tubs, laundry trays, urinals, wash basins, each not less than one and one half inches, a sink two inches and to have clean out plug, slop hoppers not less than two inches. A water closet placed in an isolated building shall be vented by a pipe the top of which is not less than fifteen feet above the ground.

Twelfth. All traps and vents shall be the same size as the wastes, provided that if more than one fixture shall be vented, the size of such pipes shall be as follows: For more than one and not exceeding two fixtures, one and one-half inches; for more than two and not exceeding eight, two inches; for more than eight and not exceeding twelve, two and one-half inches; for more than twelve and not exceeding twenty, three inches.

Thirteenth. Crown vent pipes from water closets, slop hoppers or slop sinks shall not be less than two inches, and where more than one water closet, slop hopper, or slop sink is vented through the same pipe the size shall be as follows: For more than one and not to exceed four closets, slop hoppers or slop sinks, two inches; for more than four and not to exceed eight, two and one-half inches; for more than eight and not to exceed fourteen, three inches; for more than fourteen and not to exceed twenty-four, four inches. Any vent pipe running in a horizontal direction shall not exceed fifteen feet in length, and shall have a fall of not less than one-quarter inch per foot.

Fourteenth. All vents shall rise perpendicular to six inches above fixtures to prevent backwater entering vents. In no case shall any fixture waste be erected in the bend of the trap.

Fifteenth. No private vault, cesspool, exhaust from engine or blow off from boiler shall be connected with a house drain or sewer.

Sixteenth. Every water closet, sink, bath tub, basin or other fixture maintained within any house or building that are of bad or defective quality, and are removed and replaced with other fixtures of their representative class, shall have their traps vented in accordance with this ordinance.

Seventeenth. All plumbing or house drainage work done to replace any that may be condemned by the board of health or the Board of City Commissioners or by the Plumbing Inspector shall be considered as new work and constructed in conformity with the requirements of this ordinance; and no person or persons shall connect or cause to be connected any plumbing or house drainage work with any public sewer unless the said plumbing and house drainage work conforms to the requirements of this ordinance.

Eighteenth. No building or other structure shall be used or occupied as a factory, laundry, tenement or lodging house or place in which or where human beings reside or work; unless such building is provided with one or more water closets, for every twenty-five occupants, workers, employees or residents or fraction thereof, in such building or structure. There shall be separate water closets provided for two (2) sexes. Where vent pipes branch into one another, and where they branch into soil pipes, the branch fittings must not be less than three feet from the floor line.

Nineteenth. When anything is prohibited in this ordinance, not only the persons actually doing the prohibited thing, but also the employees, and all other persons actively concerned therein, shall be liable upon conviction to be prescribed.

Twentieth. Upon the removal or alteration of any building or the making of any addition thereto, if any new plumbing fixtures are placed in such building, either in the old or new part of such building, then both such original and additional fixtures and any altered plumbing whatsoever, must comply in all respects with the rules and regulations prescribed in this ordinance.

Twenty-first. All openings into house connections where water is admitted, except through water closets, must be protected by screens with meshes of not to exceed one-half (1/2) inch.

Twenty-second. No privy vault or cesspool shall be maintained or allowed after one year from the date of the passage of this ordinance, in any part of the city where a sewer exists in the street or alley upon which the property abuts. In case a new sewer main is laid no privy vault or cesspool shall be maintained or allowed after one year from the date of its completion upon any property abutting thereon.

Sec. 12. No connections shall be made with any public sewer of the

City of Las Vegas until a permit therefor be first obtained from the Plumbing Inspector of said city.

An application for such permit shall be made on blanks furnished by the Plumbing Inspector by the owner of the premises sought to be drained, or by his duly authorized agent, and it shall certify the location of the premises, by lot and block, or other accurate description, and the character of the building with which the connection is desired, its condition as to plumbing and the name of the plumber to be employed to do said work. If such permit is desired for a building for which a certificate of acceptance of the plumbing therein has been theretofore issued under this Ordinance then the Plumbing Inspector may issue such permit upon conditions herein specified; but if no such certificate of acceptance has been theretofore issued for such premises sought to be connected, then it shall be the duty of the Plumbing Inspector to carefully examine all the plumbing to be used with said sewer connection, and if such plumbing be found to be properly and effectively vented with at least one and one-fourth (1 1/4) inch pipe, and all the openings into the house connections protected by screens, as required by Subdivision 21, of Section 11, hereof, and if such plumbing be found to be in a sanitary condition, the Plumbing Inspector shall issue a certificate of acceptance of such plumbing, and the permit for the sewer connection may then be granted; but if such plumbing does not substantially conform to said requirements the Plumbing Inspector shall notify the applicant for such permit wherein it is defective, and upon such defects being remedied he may issue his certificate of acceptance thereof and grant the application for a permit for a sewer connection.

All permits for sewer connections shall designate the position of the "Y" branch of the street where such connections may be made, as shown by the records of the office of the City Clerk's office, and shall be granted only upon conditions to be inserted therein that the drainage and plumbing connections therewith shall be executed, and at all times maintained and used strictly in accordance with the provisions of this Ordinance, and the amendments thereto, and upon the further condition that the permit may be revoked and forfeited by the Board of City Commissioners at any time after due notice given upon the refusal, failure or neglect of the owner or any tenant or occupant of said premises to observe the provisions of this Ordinance, including the amendments thereto.

The Plumbing Inspector shall charge and collect two dollars (\$2.00) for each permit for a sewer connection.

Sec. 13. All connections made with public sewers of the City of Las Vegas shall be made under the supervision of the Plumbing Inspector and he shall be notified when any such work is ready for inspection, and the same must be left exposed for examination until inspected and approved by him. He may apply the water test or any such test as he may deem necessary, and the plumber who has done the work shall furnish tools, labor and assistance necessary for such test, and he shall remove or repair any defective material or work when so required by said Plumbing Inspector.

Sec. 14. All excavations and trenches in any public street or alley for sewer connections shall be made subject to and in conformity with existing ordinances relating thereto, and to any other ordinances or regulations that may be hereafter made concerning the sewer or excavations in public streets or alleys.

Sec. 15. All connections made with public sewers of said city shall be made in the following manner and with such materials as are hereinafter set forth, to-wit:

PIPE. All pipe shall be first-class vitrified, salt-glazed, socket of not less than four (4) inches in internal diameter and in pieces of two feet in length.

BENDS. Proper bends shall be used in connecting the pipe leading to the house with the "Y". Said bends shall have an internal diameter of four (4) inches.

MATERIALS. The material used shall be equal in quality and the manner of laying shall be up to the standard for laying public sewers in the City of Las Vegas.

GRADE AND LINE. The grade shall be straight from the property line to the public sewer and no flatter than one-quarter ($\frac{1}{4}$) inch to the foot, unless otherwise allowed by the Plumbing Inspector. Where laid within the limits of a street or alley it shall not be less than three (3) feet below the established grade of the same, or below the surface if no grade is established, unless by special permit in writing from the Plumbing Inspector. In all cases the line of pipe must be straight from the property line to bend at "Y".

Sec. 16. It is hereby declared unlawful for any person to make any connection with a public sewer of said City of Las Vegas, without first having obtained a permit from the Plumbing Inspector so to do, as herein provided; and any person who shall make any connection with a public sewer of said city, in any manner other than hereinbefore prescribed, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished as hereinafter provided.

Sec. 17. It is hereby declared unlawful for any contractor or any other person to make any connection with any public sewer of the City of Las Vegas, until such sewer is fully completed and accepted; provided, however, that when such contractor or person shall file with the City Clerk of said city the written request of any owner of property abutting on the street in which said sewer is being constructed, asking that the laterals from said sewer to the property line be laid, the Board of City Commissioners may, by resolution allow such work to be done, subject to the foregoing provisions of this Ordinance, as to the acceptance by the Plumbing Inspector of the plumbing to be connected therewith.

Sec. 18. It shall be unlawful for any person to wilfully injure, break, destroy, obstruct, or remove or in any way interfere with any manholes, flush or septic tank or public sewer of the City of Las Vegas, whether constructed on private ground or any street, sidewalk, or public park in said city, or to throw, deposit, or cause to be thrown or deposited in any opening of such sewers, or any receptacle connected with such sewers, or to place or to suffer, or cause to be placed in any

house connections or in any private drains connected with such public sewers, any garbage, offal, dead animals, vegetable parings, grease, oil, ashes, rags or the contents of any cess-pool, or any bulky or solid substance of any kind whatever having a tendency to obstruct the free flow of sewers, or in any wise to damage the same, and the Plumbing Inspector shall have the power to prevent the discharging into the public sewers any private sewer or drain through which substances are discharged liable to injure the public sewer or to prevent the action of the septic tank or to obstruct the flow of sewerage, and it shall be unlawful for any person, firm or corporation to connect any roof conductor, yard drain, carriage or automobile wash, area drain, or any vehicle used for carrying off rain or surface water with any public sewer of the City of Las Vegas or house drain leading thereto. It shall be unlawful for any person to connect or cause to be connected with any public sewer of the City of Las Vegas, either directly or through one or more of the private sewers, any property that is not included in permits duly issued by the proper authorities of the City of Las Vegas for the making of connections with public sewer.

Sec. 19. The office of the Plumbing Inspector shall be, and the same is hereby created. The Plumbing Inspector shall be appointed by an order of the Board of City Commissioners, duly entered on the minutes of said Board, and shall hold office during the pleasure of the Board. He must qualify within ten days from the time of his appointment by taking the constitutional oath of office and filing of a bond in the sum of one thousand dollars and filing the same with the City Clerk. The Plumbing Inspector's compensation shall be one hundred and twenty-five (\$125.00) dollars per month, payable monthly. All fees collected by the Plumbing Inspector shall be the property of the City of Las Vegas and shall be turned over to the city by said Plumbing Inspector monthly, rendering a detailed report thereof.

Sec. 20. Any person, firm or corporation who shall either violate or neglect or refuse to comply with the provisions of this Ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be fined not less than five dollars nor more than one hundred dollars, or be imprisoned for not less than five days nor more than fifty days, or be both fined and imprisoned; and every day during which the work of plumbing or drainage is continued in violation of the provisions of this Ordinance shall be considered as constituting a new offense and be punishable as in this section provided.

Sec. 21. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Sec. 22. This ordinance shall take effect from and after its passage and publication for a period of one week, one issue, of the Clark County Review, a weekly newspaper printed and published in the City of Las Vegas.

Approved:

PETER BUOL,

Mayor.

Attest:

HARLEY A. HARMON,

[SEAL]

City Clerk.

Passed on second reading on Jan. 7, 1913, upon the following vote: Commissioners W. J. Stewart, J. J. Coughlin, Ed. Von Tobel, Mayor Peter Buol, voting aye. Noes, none.

First reading Wednesday, December 4th, 1912.

Attest: HARLEY A. HARMON,

[SEAL]

City Clerk.