

ORDINANCE NO. 54, SERIES 1911.

An ordinance establishing, adopting and approving certain rules and regulations prescribed by the city of La Grande, Oregon, for the construction, alteration or repair of the plumbing or drainage of any building in the city of La Grande, and providing a penalty for the violation of this ordinance and declaring an emergency.

The city of La Grande does ordain as follows:

Plumbing Plans to Be Filed.

Section 1. Before the construction, reconstruction, alteration or repair (except as hereinafter provided) of any portion of the plumbing or drainage system of any building, suitable plans of the work proposed to be done shall be filed at the office of the inspector of plumbing, by the architect or by the owner or agent of the property, or by the contracting plumber.

Plans, How Drawn.

Sec. 2. All plumbing plans and sections shall show clearly the location of all soil, waste and vent pipes, fixtures and traps.

Plans Not Required in Certain Instances.

Sec. 3. Plans will not be required in cases of removal of stoppages, repairs of leaks, and repairs of, or replacing broken fixtures, tanks, kitchen boilers or faucets.

One Plan for Several Buildings.

Sec. 4. When a number of buildings are situated on adjoining lots on one street and the plumbing is the same in each, and to be done under the same contract, one plan will be sufficient for all the buildings. In such a case a general plan shall be filed showing all the houses and the location of the main drain for each house.

Specifications.

Sec. 5. Every plan shall be accompanied by a clear written description thereof, or abstract of the specifications on the blanks supplied by the water department for this purpose.

Approval of Plans.

Sec. 6. Plans and specifications shall be approved or rejected within two working days from the date of filing. In case of rejection, the one filing the plan shall be notified in writing of the reasons for such rejection.

Permit of Water Department Issues.

Sec. 7. No portion of any plumbing or drainage work shall be executed until the water department shall have issued a permit for such work, and the above mentioned plans and descriptions thereof shall have been approved by the inspector of plumbing.

Time Limit of Plans.

Sec. 8. If the work is not begun under the approved plans within six months from the date of approval new plans shall be again presented for approval.

Changes in Plans.

Sec. 9. No change of the approved plans shall be permitted unless such change shall be authorized by the owner or agent, submitted to the inspector of plumbing, and approved and placed on file as in the case of original work.

Inspection Necessary by Water Department.

Sec. 10. The water department shall be notified when any work is ready for inspection all work shall be left uncovered and convenient for examination until inspected and approved; no notice shall be sent for any inspection until the work is entirely ready.

Time for Inspection.

Sec. 11. The plumbing inspector shall examine the work within two working days after receiving notice that it is ready for inspection.

Testing Plumbing, Air or Water Test.

Sec. 12. Plumbing work shall be tested by the water or five-pound air test in the presence of the inspector of plumbing. Such test shall include all sewer, soil waste and vent pipes, the lead branches and ferrule joints within the building, weather conditions or construction permitting, the choice of test made by the plumber but otherwise the test shall be decided by the inspector of plumbing.

Final Inspection.

Sec. 13. When the work is completed a final inspection shall be made by the inspector of plumbing; no plumbing work shall be used until this inspection shall have been made and a certificate in triplicate that the work has been approved has been issued by the inspector of plumbing, one to the master-plumber doing the work, one to be filed with the Recorder.

Underground Sewers.

Sec. 14. The sewer pipes in yards shall be of cast iron or the best quality of vitrified clay pipe, with joints made water tight by oakum, hemp or burlap gaskets and good cement mortar; clay pipes shall not be laid nearer than two feet to any exterior wall of a building, or less than two feet below the surface of the ground nor will they be allowed in bad or made ground. In all such cases sewers beneath the ground shall be of cast iron pipe.

Sewer Within Buildings.

Sec. 15. All sewers, soil or waste pipes within the building shall be supported by substantial piers, or properly secured to walls, or suspended to floor timber by strong iron hangers when sewers are necessarily laid below the floor man-holes shall be built to give access to all clean-outs.

Clean-Outs.

Sec. 16. There shall be a clean-out in every "Y" in the soil pipe at the foot of each vertical line of same, and in the kitchen sink waste pipe. All clean-outs shall be closed by brass screw-covers, and shall be kept accessible.

Rain Leaders.

Sec. 17. Rain water leaders shall never be used as soil, waste or vent pipes; nor shall any soil, waste or vent pipes be used as a leader. Where the leader is within the building it shall be of cast iron pipe as provided in Section 18. When outside the building, if of sheet metal with slip joints, and if connected with the sewer, it shall be trapped; the trap being arranged to prevent freezing. In every case where a leader opens near a window or light shaft it shall be properly trapped at its base. The joints between inside from leaders and the roof shall be made tight by means of calking ferrule, and lead or copper pipes, properly connected to rain water inlets on roof.

Cast Iron Pipes.

Sec. 18. All cast iron pipes shall be sound and free from defects, thoroughly coated inside and out with coal tar, asphaltum or pitch.

Size of Soil Pipes.

Sec. 19. When fifteen or more fixtures discharge into a line of soil pipe said soil pipe shall not be less than six inches in diameter; in all other cases the soil pipe receiving the discharge of water closets shall not be less than four inches in diameter.

Size of Waste Pipe.

Sec. 20. The size of waste pipes shall be as follows: Those receiving the discharge from eight fixtures shall be three inches in diameter; those receiving the discharge from three to seven fixtures shall be two inches in diameter; and those receiving the discharge of less than three fixtures shall not be less than one and one-half inches in diameter, and no wrought iron pipe shall be used for a waste pipe.

Joints, How Made.

Sec. 21. Joints in cast iron pipes shall be made with an oakum gasket and pure lead, well caulked, and no paint, varnish or putty will be allowed until the joint has been tested; joints in wrought iron pipes shall be screw joints; joints in lead pipes shall be in all cases wiped; joints between lead and iron pipes shall be made by cast or drawn brass screw nipples, or with brass caulking ferrules of the full size of the iron pipe.

Vent Pipes.

Sec. 22. Each and every trap shall be ventilated by an air pipe. In cases where the size of the trap is two inches or less, the vent pipe shall start not more than four inches away from the water line of the trap, except P traps, which may be ten inches. In cases of larger size traps the vent pipe shall start from the vent horn, and if no horn, from the lead bend. Each horizontal line of vent pipes over eight feet in length shall be galvanized or cast iron, or connected to trap, at an angle of 45 degrees. The branch T of vent pipes shall be set above the fixture so that the vent cannot act as a waste pipe. All vent pipes shall be provided with trap screw, which shall be accessible. No rubber couplings or solder unions shall be used to connect vent pipes. The highest water closet when located within eighteen inches of the main soil pipe need not be separately ventilated, when a ventilated fixture empties into the lead bend.

Size of Vent Pipes.

Sec. 23. The size of vent pipes, except for water closets and slop sinks, shall not be less than that of the trap which it serves. A pipe not exceeding twenty-five feet in length, which ventilates the traps of water closets or slop sinks shall be two inches in diameter; if it ventilates more than four closets or slop sinks it shall be increased to three inches; if the length of the vent pipe exceeds twenty-five feet the above diameter shall be increased one inch, and not more than four traps shall be vented into one two-inch pipe. Vent pipes from not more than eight traps may be combined by branching together, and then carried in to a four inch soil pipe at least two feet above the highest fixture.

Where Direction of Pipe Changes.

Sec. 24. All sewers, soil and waste pipes shall be as direct as possible; changes in direction of horizontal pipes shall be made with a Y or half Y branch, or one-eighth bends offsets shall be made with 45 degree bends or similar fittings; no one-quarter bends shall be used unless unavoidable and shall be especially set forth in the plans and specifications.

Termination of Pipes at Roof.

Sec. 25. All main sewers, soil or waste pipes shall be carried undiminished in size to a height of at least eighteen inches above the main roof. Pipes on extension roofs, when within fifteen feet of any window, shall be carried up undiminished in size above the nearest window. There shall be no caps, cowles, ventilators or return bends put on the ends of the pipes above the roof.

Fixtures, How Trapped.

Sec. 26. The waste pipe of each and every sink, basin, bath, water closet, urinal, and each set of trays or other fixtures shall be separately and effectively trapped (except as provided in Section 36). The trap shall be as near as practicable to the fixture it serves no fixture shall be set unless supplied with sufficient water to properly flush it.

Size of Trap and Waste Pipes from Fixtures.

Sec. 27. Traps and branch waste pipes shall be of the following sizes: For basin and pantry sinks—1 1/4 inches. Slop sinks at least size of outlet. Kitchen sinks—1 1/2 or 2 inches. Bath tubs—1 1/2 or 2 inches. Urinals—1 1/2 or 2 inches. Laundry tubs—1 1/2 or 2 inches. Water closets—4 inches.

Quality and Weight of Pipe.

Sec. 28. All lead pipes bends and traps shall be drawn, and of not less than the following weights per lineal foot. 1 1/4 inches—2 1/2 pounds. 1 1/2 inches—3 pounds. 2 inches—4 pounds. 3 inches—4 pounds. 4 inches—5 pounds.

Safe Waste Pipes.

Sec. 29. Where safes are placed under fixtures, the safe wastes, if any, shall run to some place in open sight inside of building, and shall not be less than one inch in diameter.

Refrigerator Waste Pipes.

Sec. 30. No waste pipe from a refrigerator or other receptacle where food is kept shall be connected direct to a sewer, soil or waste pipe; refrigerator wastes shall be of a diameter of not less than one and one-half inches, and so arranged as to be properly flushed.

Certain Water Closets Prohibited.

Sec. 31. Privy sinks, pan closets, and all water closets having any mechanism in connection with the bowl forming a mechanical seal are prohibited.

Capacity of Water Closet Tanks.

Sec. 32. Every water closet within the building shall be supplied with water from a separate tank or cistern, which shall be so arranged as to deliver at least four gallons at each flushing, and shall have a flush pipe of not less than one and one-quarter inches in diameter.

Water Closet Flanges.

Sec. 33. Earthen or iron water closets having traps above the floor using lead connections, shall have a cast brass flange, not less than one-eighth of an inch thick, soldered to the lead and bolted to trap or closet, the joint being made perfectly air tight.

Water Closet Casings Prohibited.

Sec. 34. Enclosing of water closets with wooden casings shall not be permitted.

Local Ventilation of Water Closets.

Sec. 35. Water closets, unless they be properly local vented, shall never be placed in an unventilated room or compartment; an exterior window that can be opened will be considered sufficient.

Outside Water Closets.

Sec. 36. Water closets when located in out-buildings, stables, warehouses, or buildings which are not heated, shall in all cases be automatic flush tank closets, and efficiently protected from frost by placing the trap and valve at least two feet below the surface of the ground. One trap will be considered sufficient for several fixtures excepting water closets under the above conditions, when the trap is not over ten feet from the fixture.

Cess Pools.

Sec. 37. Waste water from fixtures in houses situated upon unimproved streets may be conveyed to cesspool; such cesspool shall not be located within fifteen feet from any dwelling or factory.

Steam Exhaust.

Sec. 38. No steam exhaust, blow-off or drip pipe shall connect directly with the sewer, house drain, soil, waste or vent pipe, or with and rain water conductor. Steam shall be discharged into a blow-off or condensing tank, the waste or overflow of which shall be connected with the house sewer outside of the cellar walls; except that range boiler waste pipe may be connected with other waste pipe inside the building.

Special Permits.

Sec. 39. Where special fixtures are required for which there are no provisions in these rules and regulations, or when conditions arise that demand the discretion of the water, health and sewer commissioner upon examination the inspector of plumbing may recommend in writing to the city council such deviation from these rules and regulations as, in his judgment, the conditions demand; thereupon he may in his discretion issue a permit in duplicate for such work, one to the plumber and one to be filed with the Recorder, together with the inspector's recommendation.

Grease Trap.

Sec. 40. In all cases where a building is used as a hotel, tenement, boarding house or restaurant, the owner or occupant shall provide a properly constructed grease trap, through which all slops of a greasy nature shall be drained, and the inspector of plumbing shall have authority, and he is hereby authorized and directed to compel any persons, firm or corporation, to provide and use a grease trap as aforesaid, whenever, in his judgment, the same is necessary.

Penalty.

Sec. 41. In all cases there will be at least a two foot drop from house connection to sewer connection.

Office of Plumbing Inspector.

Sec. 42. The office of plumbing inspector is hereby created and the term thereof shall be the same as other officials of the city, except that the first term hereunder shall end on the second day of January, 1912, and thereafter the term shall be for one year, and until his successor is duly appointed and qualified.

From and after the taking effect of this ordinance, the mayor, by and with the consent of the council, shall appoint some qualified person as inspector of plumbing and who shall receive such compensation for his services as the council may prescribe. The inspector of plumbing may be removed by the mayor at any time with or without cause. He shall give a bond in the sum of \$500.00 in the name of the city of La Grande, conditioned for the faithful performance of his duties as prescribed by this ordinance or may be hereafter prescribed.

Sec. 43. All plumbing in process of construction, alteration or repair, shall be under the supervision of the inspector of plumbing; who is hereby empowered to stop further work when he shall decide that it is being done contrary to these rules and regulations, or not in a workmanlike manner.

License.

Sec. 44. Any person or persons engaged in the plumbing business within the corporate limits of the city of La Grande, Oregon, shall pay to the city treasurer the sum of \$20.00 per year. The city treasurer will issue his official receipt for said sum, stating therein the purpose of the payment. Upon presentation of said receipt to the recorder of the city of La Grande, a license shall be issued to said applicant for the term ending on January 2nd following the date of the treasurer's receipt.

Penalty.

Sec. 45. Any person or persons who shall be found guilty of violating any section or sections of this ordinance before the recorder of the city of La Grande shall be fined in a sum not less than Five Dollars (\$5.00) or more than Fifty (\$50.00) Dollars.

Emergency Clause and Date of Effect.

Sec. 46. Inasmuch as the operation of the provisions of this ordinance is necessary for the immediate preservation of the public health and safety of the city of La Grande, and its inhabitants, an emergency is hereby declared and this ordinance shall take effect and be in full force from and after its passage, approval by the mayor and publication in one issue of the La Grande Evening Observer.

Passed the common council on this, the 8th day of April, A. D. 1911.

By seven councilmen voting therefor.

Submitted to the mayor and by him approved this 8th day of April, A. D. 1911.

A. L. RICHARDSON, Mayor.

Attest: C. M. HUMPHREYS, Recorder.

Have You Read This Book.

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