

ORDINANCE NO. 391

AN ORDINANCE TO PROVIDE STANDARDS FOR SANITARY SEWER CONSTRUCTION, TO REQUIRE INSPECTION AND ACCEPTANCE OF SUCH SEWERS, AND DECLARING AN EMERGENCY.

Section 1.

It shall be unlawful to connect any sanitary sewer main, lateral, or extension to the sewer system of the City of Stayton unless a Certificate of Acceptance has been signed and issued for such main, lateral or extension by the duly authorized representative of such city in accordance with this ordinance.

Section 2.

Three maps of any proposed sanitary sewer main, lateral or extension shall be submitted to the City Recorder by the builder at the time the subdivision or partition plat is filed, if one is required; and in any event not less than 10 days prior to installation or construction of any such sewer. Such map shall have the grades shown thereon in addition to the location, size, and engineering data of such main, lateral or extension.

Section 3.

A. The person or persons constructing a sewer or causing a sewer to be constructed shall warrant the sewer for a period of one year after the date of acceptance by the City, and person or persons shall have the duty to repair, reconstruct or replace any sewer showing any defect, including leaks, breaks, settlement, or stoppages, within one year after the date of acceptance. Such repair, replacement or reconstruction shall be made in a manner acceptable to and approved by the City.

B. Work on any such repairs, replacement or reconstruction shall begin within five days after notification by the City and shall be prosecuted without unnecessary delay. In the event that the work is not begun within the stated time or the work does not meet the City specifications in the opinion of the City Engineer, the City shall do the work, or cause the work to be done, and the persons warranting the sewer and causing the original construction to be done shall be jointly and severally liable for the costs of such repair, and shall pay the same to the City upon demand, and if not so paid, the City shall have the election to proceed under Section 8 of this Ordinance, or to proceed on a civil suit for the collection of said sum, or both.

C. If an emergency is caused by any defect in the sewer, or if such defect endangers persons, private or public property or city utilities or equipment, the City may undertake the necessary repairs, replacement or reconstruction without notification to any person, and the costs thereof shall be paid by the persons warranting the sewer or causing the original construction in the same manner as set forth

in Paragraph 3A of this Ordinance. The City shall make the sole and final judgment as to whether an emergency exists.

Section 4.

A. After any sewer is constructed, but before backfill is in place, the City Public Works Superintendent or, in case of his absence, the City Engineer shall inspect the installation before backfill is placed.

B. After completion of the sewer, including manholes, service lines and backfill, the sewer shall be hydrostatically tested, and shall meet or exceed the requirements as set forth in the following section. At the option of the City, the sewer may be accepted after a satisfactory air test as set forth in the following section, in lieu of a hydrostatic test. Without regard to test results, no sewer will be accepted if the infiltration exceeds one-half gallon per hour per inch diameter per 100 feet of the sewer pipe. Any manhole showing leaks that cause a visible flow of water shall be repaired before acceptance.

Section 5. Sewer Testing

A. Hydrostatic Testing Procedure. During construction all tees, wyes and services shall be plugged with a watertight plug or cap. A section of sewer not exceeding 500 feet in length shall be blocked off with watertight plugs at manholes. The section of sewer shall then be filled with water through a manhole to a point two feet above the average water table over the pipe being tested, but not less than two feet above the crown of the pipe at the highest point in the sewer being tested. The pipe may be filled with water up to 24 hours prior to the test to allow for normal absorption into the pipe walls to take place. The amount of leakage shall be calculated by measuring the drop in water level in a manhole over a period of not less than one hour.

A hydrostatic test shall be considered acceptable if the amount of leakage does not exceed 0.5 gallon per hour per inch diameter per 100 feet of pipe in the section under test. Service connections shall be taken into consideration and an allowance of 0.2 gallons per hour per foot of head over the invert shall be made for each manhole. An allowance of 5% shall be made for each foot of head over the two foot basic minimum head.

B. Air Testing Procedure. After the sewer is cleaned and all outlets plugged with suitable plugs, air shall be added slowly through a test plug until the internal pressure of the section under test is raised to 4 psi. At least two minutes shall be allowed for the air temperature to stabilize, adding only the amount of air required to maintain the pressure. When the pressure drops to 3.5 psi, the air shall be disconnected, and timing shall begin and the time for the pressure to drop to 2.5 psi recorded.

An air test shall be considered satisfactory if the time in seconds required for the pressure to drop from 3.5 to 2.5 psi is not less than 28.335 times the diameter of the pipe in inches. Suitable allowance shall be made for service lines. Pressures shall be increased 0.4 psi for each foot of average ground water elevation over the top of the pipe.

C. Equipment. The person constructing the sewer shall provide all materials, equipment and help required for testing the lines.

Section 6. Completion

All foreign matter shall be removed from the sewer, and all backfilling and cleaning up work shall be completed in a manner acceptable by the City Engineer or Public Works Superintendent. If required, the sewer lines shall be cleaned by balling or other approved method.

Section 7. Acceptance

When, in the opinion of the City Public Works Superintendent, or, in his absence, the City Engineer, any sewer installation conforms to the requirements of this Ordinance and those of Ordinance #323 of the City of Stayton, as amended, one of them shall so certify to the City Recorder who shall keep a record of such sewer installation acceptances, with the date of acceptance noted thereon.

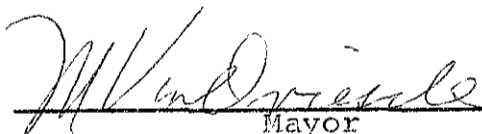
Section 8. Penalties

MCA 3. Any person or persons violating any of the provisions of Section 1. of this Ordinance shall be punished as provided in Sections 9. and 10. of Ordinance #323 of the City of Stayton.

Section 9. Emergency

Inasmuch as this ordinance is necessary for the immediate protection of the public health and safety of the City of Stayton, an emergency is hereby declared to exist, and this ordinance shall be in full force and effect from and after the date of its passage.

PASSED by the council this 2nd day of March, 1970
APPROVED by the mayor this 2nd day of March, 1970



Mayor

ATTEST:



Recorder